



## TRANSPORTATION CABINET

**Steven L. Beshear**  
Governor

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

**Joseph W. Prather**  
Secretary

July 10, 2008

«Mailing\_Title» «First\_Name» «Last\_Name»«Suffix»  
«Title»  
«Organization»  
«Address1»  
«Address2»  
«City» «State» «Zip»

Dear «Letter\_Title» «Last\_Name»:

Subject: Planning Study  
Rowan and Elliott Counties  
KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook  
Item No. 9-192.00

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 proposed improvements to and possible relocation of KY 32 beginning at the KY 504 intersection in Elliottville and extending east to KY 7 near Sandy Hook. The preliminary goals established for this project are to improve highway access and safety from Sandy Hook, Elliott County, and southeastern Kentucky to businesses, medical facilities, post-secondary education facilities, other services or attractions, and I-64 at Morehead. The study is currently in the initial 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 and concerns can help us develop highway project alternatives to avoid or minimize negative impacts. In particular, we are asking that you provide the following information:

- Comments on the project goals or 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 alternatives so that impacts can be minimized, mitigated, or avoided early in the process.
- Any mitigation strategies that should be considered in the development of the project.



July 10, 2008

We respectfully ask that you provide us with your comments by July 31, 2008, to ensure timely progress in this planning effort.

During the development of this planning study, comments will be solicited from federal, state, and local agencies, as well as other interested persons and the general public, 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.

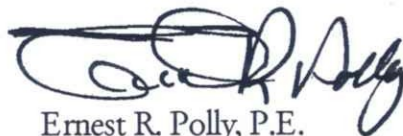
Other Transportation Cabinet offices or consultants working on behalf of the Transportation Cabinet may also contact you seeking more detailed data or information to assist them in completing their environmental studies for this phase of the project.

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

- Project Description, Purpose, and Goals
- Project Location Map
- Existing and Projected Traffic Data
- Crash Data
- Composite Adequacy Rating Percentiles
- Topographic Environmental Footprint

We appreciate any input you can provide concerning this project. Please direct any comments, questions, or requests for additional information to Thomas Witt of the Division of Planning at (502) 564-7183 or at [Thomas.Witt@ky.gov](mailto:Thomas.Witt@ky.gov). Please address all written correspondence to Steve Ross, P.E., Transportation Engineer Branch Manager, Division of Planning, Kentucky Transportation Cabinet, 200 Mero Street, 5<sup>th</sup> floor, Frankfort, KY 40622.

Sincerely,



Ernest R. Polly, P.E.  
Acting Director  
Division of Planning

TWW

Enclosures

- c: Jose Sepulveda, FHWA (w/e)  
John Brown, FHWA (w/e)  
Russ Brannon, Fivco ADD (w/e)  
Sandy Meadows, Gateway ADD (w/e)  
Carl Dixon, WSA  
Bart Bryant  
Darin Eldridge  
Deanna Harris Miller  
Karen Mynhier  
David Waldner  
Jim Simpson



Mailing Title	Letter Title	First Name	Last Name	Suffix	Title	Organization	Address1	Address2	City	State	Zip
Mr.	Mr.	Phillip	Braden		District Office Manager	Memphis Airports District Office, Federal Aviation Administration	2862 Business Park Drive Building G		Memphis	TN	38118-1555
	Sir and/or Madam					American Association of Truckers		P.O. Box 487	Benton	KY	42025
Mr.	Mr.	Edward W.	Tonini		Major General	Department of Military Affairs	Boone Nat'l Guard Ctr., 100 Minuteman Pky.		Frankfort	KY	40601
Mr.	Mr.	Jamie	Link		Acting Commissioner	Department of Parks	10th Floor, Capital Plaza Tower		Frankfort	KY	40601
Mr.	Mr.	George	Crothers		Director, Office of State Archaeology	Dept. of Anthropology, University of Kentucky	211 Lafferty Hall	500 Mero Street	Frankfort	KY	40601
Mr.	Mr.	William	Straw	Ph.D.	Regional Environmental Officer	Federal Emergency Management Agency, Region IV	3003 Chamblee-Tucker Road		Lexington	KY	40506-0024
Mr.	Mr.	Jack	Fish		President	Kentuckians for Better Transportation	10332 Bluegrass Parkway		Atlanta	GA	30341-4130
	Sir and/or Madam					Kentuckians for The Commonwealth	105 Reams Street	P.O. Box 1450	Louisville	KY	40299
Ms.	Ms.	Janie	Miller		Secretary	Cabinet for Health and Family Services	275 East Main		London	KY	40743
Mr.	Mr.	Randall	Royer		Interim Chairman	Kentucky Airport Zoning Commission	Capital City Airport	90 Airport Road, Building 400	Frankfort	KY	40601
Mr.	Mr.	Bob	Arnold		Executive Director	Kentucky Association of Counties	380 King's Daughters Drive		Frankfort	KY	40601
Mr.	Mr.	Dave	Adkisson		President	Kentucky Chamber of Commerce Executives, Inc.	464 Chenault Road		Frankfort	KY	40601
Mr.	Mr.	Richie	Farmer		Commissioner	Kentucky Department of Agriculture	32 Fountain Place		Frankfort	KY	40601
Mr.	Mr.	Bruce	Scott		Commissioner	Kentucky Department for Environmental Protection	300 Fair Oaks Lane		Frankfort	KY	40601
Dr.	Dr.	Jonathan	Gassett		Commissioner	Kentucky Department of Fish and Wildlife Resources	1 Sportsman's Lane		Frankfort	KY	40601
Mr.	Mr.	Carl	Campbell		Commissioner	Kentucky Department for Nat'l. Resources	#2 Hudson Hollow		Frankfort	KY	40601
Mr.	Mr.	Stephen A.	Coleman		Director	Kentucky Department for Nat'l. Resources, Division of Conservation	#2 Hudson Hollow		Frankfort	KY	40601
Mr.	Mr.	Rodney	Brewer		Commissioner	Kentucky Department of State Police	919 Versailles Road		Frankfort	KY	40601
Mr.	Mr.	Paul	Rothman		Director	Division of Mine Reclamation and Enforcement	# 2 Hudson Hollow		Frankfort	KY	40601
Mr.	Mr.	Chase	Foster		President	Kentucky Disabilities Coalition		P.O. Box 1589	Frankfort	KY	40602-1589
Mr.	Mr.	John	Lyons		Director	Kentucky Division of Air Quality	803 Schenkel Lane		Frankfort	KY	40601
Ms.	Ms.	Leah W.	MacSwords		Director	Kentucky Division of Forestry	627 Comanche Trail		Frankfort	KY	40601
Mr.	Mr.	Greg	Howard		Commissioner	Kentucky Department of Vehicle Enforcement	125 Holmes Street, 3rd Floor		Frankfort	KY	40622
Mr.	Mr.	Tony	Hatton		Acting Director	Kentucky Division of Waste Management	14 Reilly Road		Frankfort	KY	40601
Ms.	Ms.	Sandy	Gruzesky		Acting Director	Kentucky Division of Water	14 Reilly Road		Frankfort	KY	40601
Mr.	Mr.	John	Hindman		Secretary	Kentucky Cabinet for Economic Development	Old Capitol Annex	300 West Broadway	Frankfort	KY	40601
Mr.	Mr.	Jim	Cobb		State Geologist & Director	Kentucky Geological Survey, University of Kentucky	228 Mining and Mineral Resources Bldg.		Lexington	KY	40506
Ms.	Ms.	Donna M.	Neary		Executive Director & State Historic Preservation Officer	Kentucky Heritage Council	300 Washington Street		Frankfort	KY	40601
Mr.	Mr.	Kent	Whitworth		Executive Director	Kentucky Historical Society	100 W. Broadway		Frankfort	KY	40601
Mr.	Mr.	Mike	Mangeot		President/CEO	Kentucky Association of Economic Development	2225 Lawrenceburg Road, Bldg. B., Suite 4		Frankfort	KY	40601-8489
Ms.	Ms.	Sylvia L.	Lovely		Executive Director	Kentucky League of Cities, Inc.	101 East Vine Street, Ste. 600		Lexington	KY	40507
Mr.	Mr.	Jamie	Fipke		President/CEO	Kentucky Motor Transport Association	617 Shelby Street		Frankfort	KY	40601
Mr.	Mr.	Robert D.	Vance		Secretary	Kentucky Environmental and Public Protection Cabinet	Capital Plaza Tower, 5th Floor		Frankfort	KY	40601
Mr.	Mr.	Donald S.	Dott	Jr.	Executive Director	Kentucky Nature Preserves	801 Schenkel Lane		Frankfort	KY	40601
Ms.	Ms.	Vickie	Bourne		Executive Director	Kentucky Office of Transportation Delivery	Transportation Office Building, 3rd Floor	200 Mero Street	Frankfort	KY	40622
Mr.	Mr.	Beecher	Hudson		Executive Director	Kentucky Public Transit Association	c/o Louisville Red Cross	P.O. Box 1675	Louisville	KY	40201
	Sir and/or Madam				President	Kentucky Tourism Council	612B Shelby Street		Frankfort	KY	40601
Ms.	Ms.	Marcheta	Sparrow		Secretary	Kentucky Commerce Cabinet	Capital Plaza Tower, 24th Floor		Frankfort	KY	40601
Mr.	Mr.	Allan	Frank		Director	KYTC, Division of Structural Design	Transportation Office Building, 3rd Floor	500 Mero Street	Frankfort	KY	40622
Ms.	Ms.	Greta	Smith		Director	KYTC, Division of Construction	Transportation Office Building, 3rd Floor	200 Mero Street	Frankfort	KY	40622
Mr.	Mr.	David	Waldner		Director	KYTC, Division of Environmental Analysis	Transportation Office Building, 3rd Floor	200 Mero Street	Frankfort	KY	40622
Mr.	Mr.	Bill	Broyles		Branch Manager	KYTC, Geotechnical Branch	Transportation Office Building, 5th Floor	200 Mero Street	Frankfort	KY	40622
Mr.	Mr.	Duane	Thomas		Director	KYTC, Division of Traffic Operations	1236 Wilkinson Boulevard		Frankfort	KY	40601-1200
Ms.	Ms.	Nancy	Albright		Director	KYTC, Division of Maintenance	Transportation Office Building, 3rd Floor	200 Mero Street	Frankfort	KY	40622
Ms.	Ms.	Tiffani	Jackson			KYTC, Office of Special Programs	Transportation Office Building, 3rd Floor	200 Mero Street	Frankfort	KY	40622
Ms.	Ms.	Helen	Mountjoy		Secretary	Education Cabinet	Transportation Office Building, 6th Floor	200 Mero Street	Frankfort	KY	40622
Mr.	Mr.	James	Aldridge		Director	Nature Conservancy - Kentucky Chapter	Capital Plaza Tower, 2nd Floor		Frankfort	KY	40601
Ms.	Mr.	Keith P.	Eiken		Executive Director	Scenic Kentucky	642 West Main Street		Lexington	KY	40508
Mr.	Mr.	William	Arguto		NEPA Team Leader	Environmental Programs Branch		P. O. Box 2646	Louisville	KY	40201
	Sir and/or Madam					Sierra Club	U.S. EPA Region 3	1650 Arch Street	Philadelphia	PA	19103
Mr.	Mr.	Heinz	Mueller		Attorney	U. S. Environmental Protection Agency, Region 4 Office	259 West Short Street		Lexington	KY	40507
Mr.	Mr.	Michael D.	Hubbs		State Conservationist	U.S. Dept. of Agriculture, Natural Resources Conservation Service	Sam Nunn Atlanta Federal Center	61 Forsyth St. SW	Atlanta	GA	30303
						U.S. Dept. of Health & Human Serv., Center for Disease Control, Emergency And Environmental Health Services Division	711 Corporate Drive, Suite 110		Lexington	KY	40503
Mr.	Mr.	Kenneth W.	Holt		Field Supervisor	U.S. Dept. of the Interior, Fish and Wildlife Service	Mail Stop F-16	4770 Buford Highway, N.E.	Atlanta	GA	30341-3724
Mr.	Mr.	Lee	Andrews		Bridge Administrator	United States Coast Guard, Bridge Branch	330 W. Broadway, Suite 264		Frankfort	KY	40601
Mr.	Mr.	Roger	Wiebusch		United States Senator	United States Senate	1222 Spruce Street		St. Louis	MO	63103
The Honorable	Senator	Jim	Bunning		United States Senator	United States Senate	316 Hart Senate Office Building		Washington	DC	20510
The Honorable	Senator	Mitch	McConnell		United States Senator	United States Senate	361-A Russell Senate Office Building		Washington	DC	20510
Mr.	Mr.	Thomas M.	Hunter		Executive Director	U. S. Army Corps of Engineers, Huntington District	1666 Connecticut Ave., NW		Washington	DC	20235
Colonel	Colonel	Dana R.	Hurst		Commander	U. S. Army Corps of Engineers, Louisville District	502 Eighth Street		Huntington	WV	25701-2070
Colonel	Colonel	Raymond E.	Midkiff		District Engineer	U. S. House of Representatives		P.O. Box 59	Louisville	KY	40201
The Honorable	Congressman	Geoff	Davis		United States Representative - District 4	U. S. House of Representatives	1108 Longworth Office Building		Washington	DC	20515
The Honorable	Congressman	Harold	Rogers		United States Representative - District 5	U. S. House of Representatives	2406 Rayburn House Office Building		Washington	DC	20515
Ms.	Ms.	Pamela	Rice		Kentucky Division Administrator	Federal Motor Carrier Safety Administration	300 West Broadway, Suite 264		Frankfort	KY	40601
Mr.	Mr.	Bill	Lally		Executive Director	Kentucky Household Goods Carrier Association Inc.	P.O. Box 22204		Louisville	KY	40252-0204
Mr.	Mr.	Tony	Reck		President & CEO, P&L Railway, Inc.	Kentucky State Rail Association	1500 Kentucky Avenue		Paducah	KY	42003
Ms.	Ms.	Linda Strite	Murnane		Executive Director	Kentucky Commission on Human Rights	332 West Broadway, Suite 700		Louisville	KY	40202
Mr.	Mr.	Steve	Suder		Planning Team Leader	FHWA - Eastern Federal Lands Highway Division	21400 Ridgetop Circle		Sterling	VA	20166
	Sir and/or Madam				Planning Staff Officer	U.S. Dept. of Agriculture, Forest Service, Daniel Boone Nat'l Forest	1700 Bypass Rd.		Winchester	KY	40391
The Honorable	Mayor	David C.	Perkins		Mayor, City of Morehead		105 East Main Street		Morehead	KY	40351
The Honorable	Judge	Jim	Nickell		Rowan County Judge/Executive		627 East Main Street		Morehead	KY	40351
Mr.	Mr.	Dewayne F.	Depp		Commander	KSP Post 8	1595 Flemingsburg Road		Morehead	KY	40351
Mr.	Mr.	Jack	Carter		Rowan County Sheriff		627 East Main Street		Morehead	KY	40351
Mr.	Mr.	Jerry	Patrick		Manager	Rowan Water, Inc.	110 South Hargis Avenue		Morehead	KY	40351
Mr.	Mr.	Mike	Nickell		Manager	Morehead Utility Plant Board	135 South Wilson Street		Morehead	KY	40351
Mr.	Mr.	Wayne	Andrews		President	Morehead State University	150 University Boulevard		Morehead	KY	40351



Ms.	Ms.	Terri Cline	Alderman		Executive Director	Morehead Tomorrow/Morehead Tourism	111 East First Street		Morehead	KY	40351
Ms.	Ms.	Tracy	Williams		Executive Director	Chamber of Commerce	150 East First Street		Morehead	KY	40351
Mr.	Mr.	Theodore	Trent		Transportation Director	Rowan County Board of Education	121 East 2nd Street		Morehead	KY	40351
Mr.	Mr.	Doug	Doerrfeld		Chairperson	Kentuckians for the Commonwealth	P.O. Box 177		Elliottville	KY	40317
Ms.	Ms.	Beverly	Faulkner			Grayson Lake State Park	314 Grayson Lake State Park		Olive Hill	KY	41164
Ms.	Ms.	Carol	Fraley			Grayson RECC	109 Bagby Park		Grayson	KY	41143
The Honorable	Judge	David	Blair		Elliott County Judge/Executive		P.O. Box 710		Sandy Hook	KY	41171-0710
	Sir and/or Madam					Elliott County Chamber of Commerce	P.O. Box 188		Sandy Hook	KY	41171
	Sir and/or Madam					Elliott County Cooperative Extension District	P.O. Box 709		Sandy Hook	KY	41171
	Sir and/or Madam					Elliott County Senior Center	P.O. Box 711		Sandy Hook	KY	41171
Mr.	Mr.	Jim	Skaggs			Disaster and Emergency Services	P.O. Box 710		Sandy Hook	KY	41171-0710
Mr.	Mr.	John	Williams		Superintendent	Elliott County Schools	P.O. Box 767		Sandy Hook	KY	41171-0767
	Sir and/or Madam					Laurel Gorge Cultural Heritage Center	P.O. Box 295		Sandy Hook	KY	41171
	Sir and/or Madam					Little Sandy Correctional Complex	Route 5, Box 1000		Sandy Hook	KY	41171
Ms.	Ms.	Melanie	Ison		Field Services Supervisor	Cabinet for Health & Family Services	Dept. of Community Based Servies- Divison of Family Support	P.O. Box 705	Sandy Hook	KY	41171
	Sir and/or Madam					Mountain Telephone	P.O. Box 399		West Liberty	KY	41472
Mr.	Mr.	Richard	Howerton		Chairman	FIVCO ADD Regional Transportation Committee	533 2nd Street		Portsmouth	OH	45662
The Honorable	Mayor	Robby	Adkins		Mayor, City of Sandy Hook		P.O. Box 274		Sandy Hook	KY	41171-0274
The Honorable	Representative	Rocky	Adkins		Kentucky State Representative, 99th District	Kentucky State Legislature	P.O. Box 688		Sandy Hook	KY	41171
Mr.	Mr.	Ronnie	Stephens		Sheriff		HC 81, Box 127		Sandy Hook	KY	41171
	Sir and/or Madam					Sandy Hook Water District	100 Howards Creek Road		Sandy Hook	KY	41171
The Honorable	Senator	Walter	Blevins	Jr.	Kentucky State Senator, 27th District	Kentucky State Legislature	777 Broadway		West Liberty	KY	41472





## **PRELIMINARY PROJECT PURPOSE AND GOALS**

### **KY 32 Alternatives Study, Rowan and Elliott Counties**

#### **KYTC Item No. 9-192.00**

#### **PROJECT DESCRIPTION**

The proposed highway improvement project under study is for the reconstruction, relocation, or realignment of the portion of KY 32 from KY 504 near Elliottville in Rowan County to KY 7 near Newfoundland in Elliott County.

#### **PROJECT PURPOSE**

Improve highway access and safety from Sandy Hook, Elliott County, and southeastern Kentucky to businesses, medical facilities, post-secondary education facilities, other services or attractions, and I-64 at Morehead through:

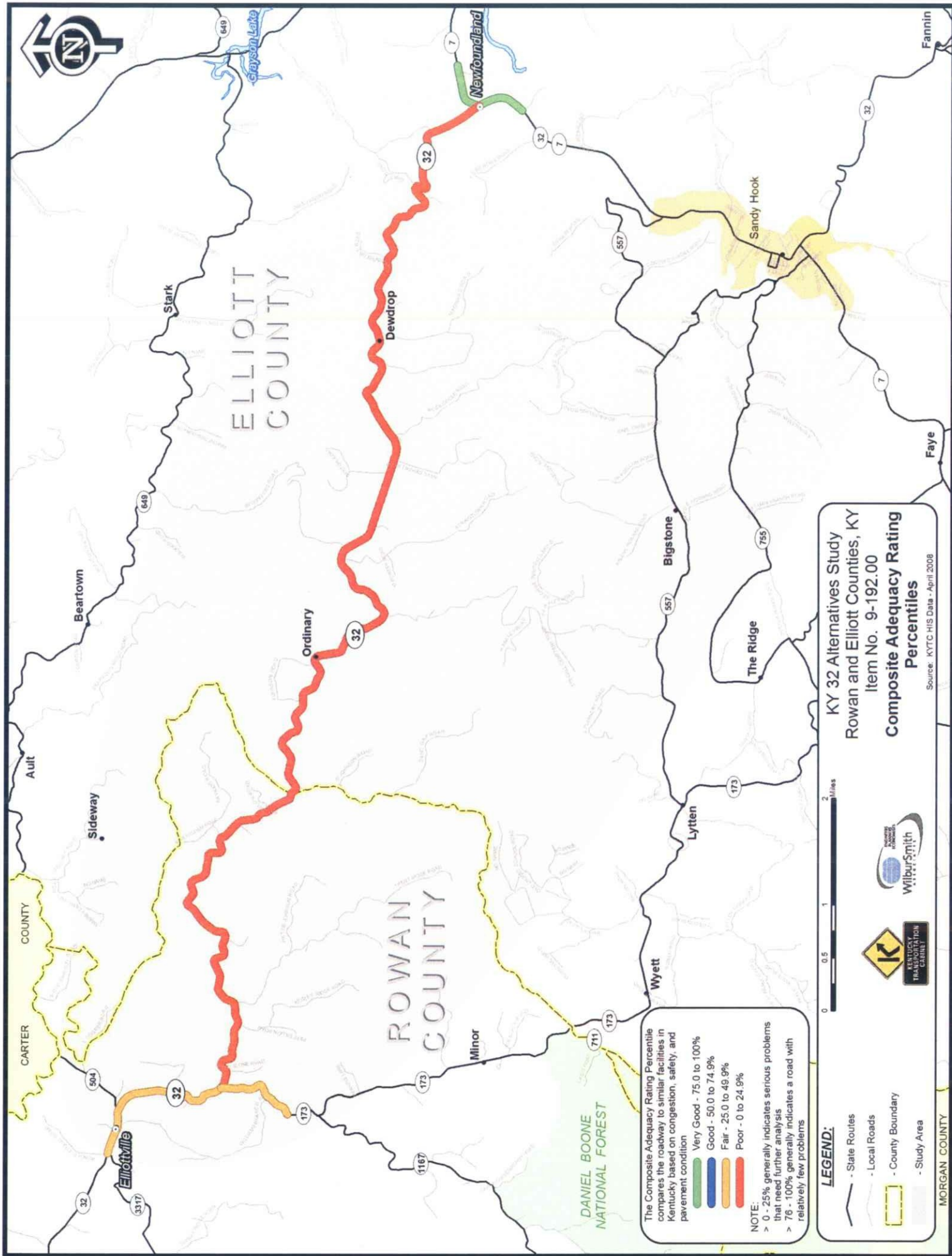
- Improved travel time,
- Improved travel conditions at high crash locations, and
- Improved travel conditions for emergency medical services and school buses.

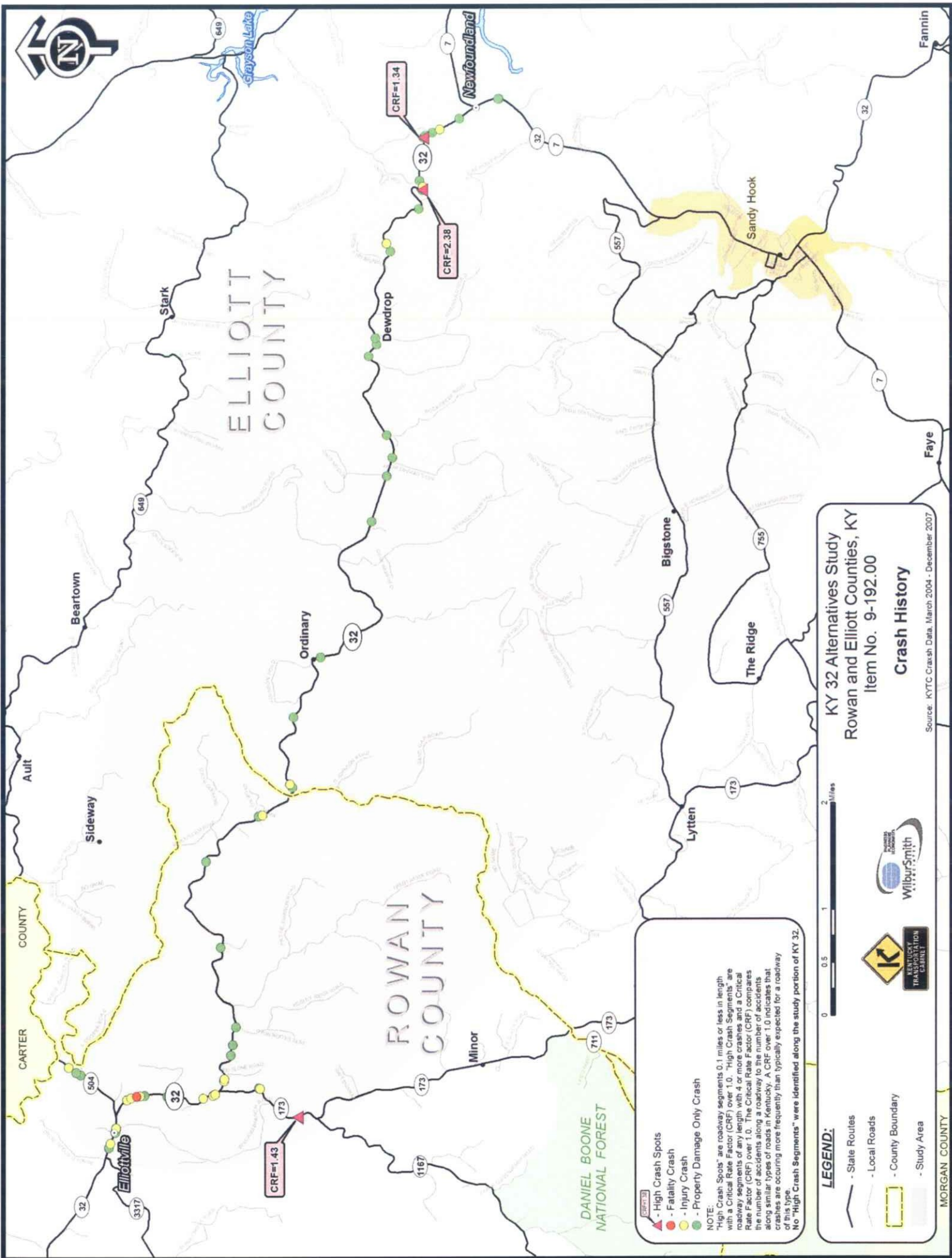
#### **OTHER GOALS**

- Support, preserve, or enhance economic opportunities in Elliott County and the surrounding region by providing improved access for:
  - Commuters, delivery vehicles, work-related travel, and visitors to the Little Sandy Correctional Complex;
  - Commuters, delivery vehicles, work-related travel, and customers or clients of existing businesses and commercial or professional services;
  - Local citizens, delivery vehicles, work-related travel, and clients of locally-based city, county, state, and federal government services or other public services; and
  - Potential new businesses, services, or attractions that may locate in Sandy Hook, Elliott County, or the surrounding area.
- Support, preserve, or enhance tourism in the region through improved access to Laurel Gorge and Grayson Lake, as well as for agritourism, ecotourism, local arts and crafts, scenic tours, and motorcycle tours and rallies.
- Incorporate context sensitive design features as appropriate to support or enhance local goals and initiatives to establish a scenic byway along KY 32 in the study area.









**CRASH SPOTS**

- High Crash Spots
- Fatality Crash
- Injury Crash
- Property Damage Only Crash

**NOTE:**  
"High Crash Spots" are roadway segments 0.1 miles or less in length with a Critical Rate Factor (CRF) over 1.0. "High Crash Segments" are roadway segments of any length with 4 or more crashes and a Critical Rate Factor (CRF) over 1.0. The Critical Rate Factor (CRF) compares the number of accidents along a roadway to the number of accidents along similar types of roads in Kentucky. A CRF over 1.0 indicates that crashes are occurring more frequently than typically expected for a roadway of this type.  
No "High Crash Segments" were identified along the study portion of KY 32.

**LEGEND:**

- State Routes
- Local Roads
- County Boundary
- Study Area

**KY 32 Alternatives Study**  
Rowan and Elliott Counties, KY  
Item No. 9-192.00

**Crash History**

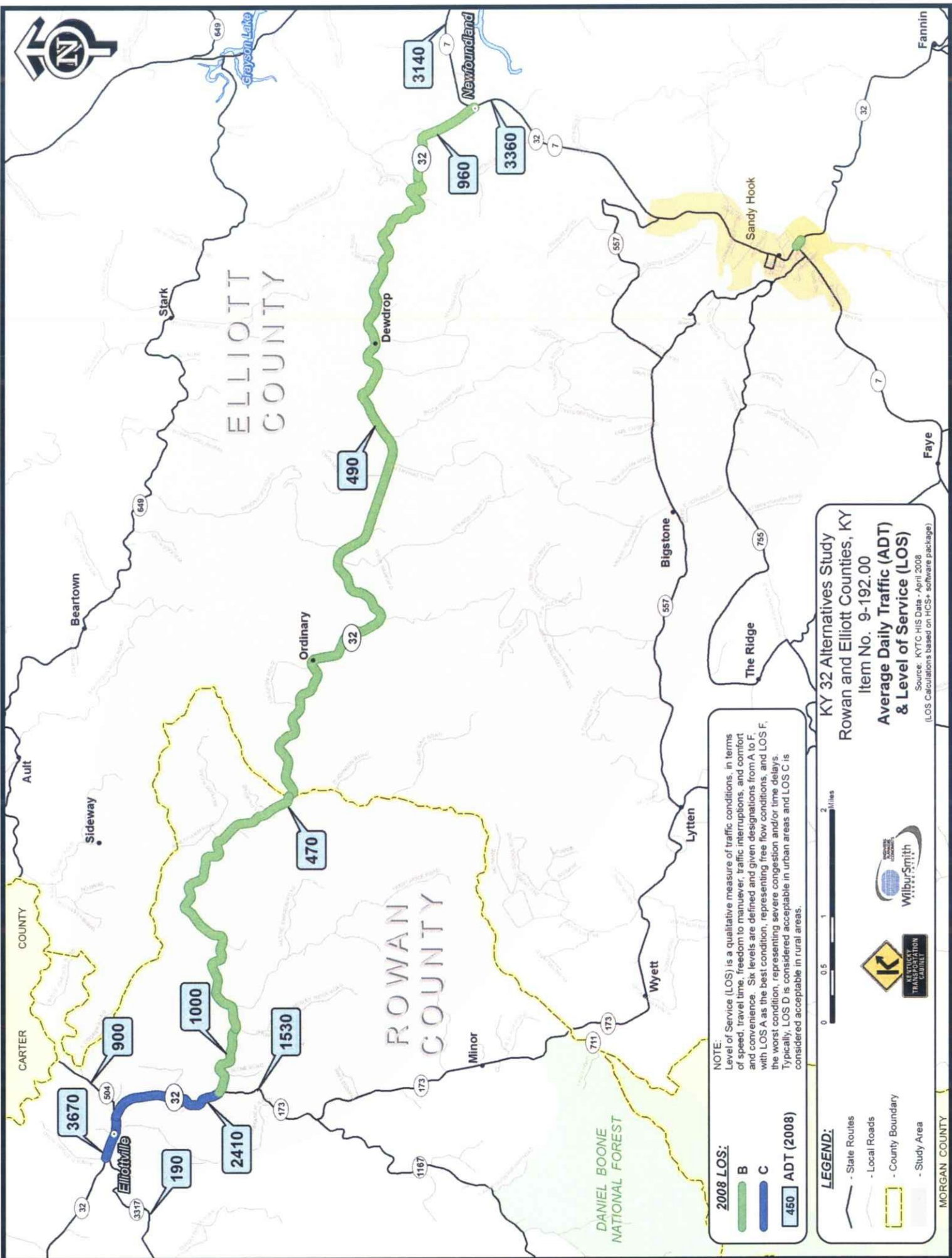
Source: KYTC Crash Data, March 2004 - December 2007

**WilburSmith**  
KENTUCKY TRANSPORTATION CONSULTANTS

**DANIEL BOONE NATIONAL FOREST**

**MORGAN COUNTY**





**NOTE:**  
Level of Service (LOS) is a qualitative measure of traffic conditions, in terms of speed, travel time, freedom to maneuver, traffic interruptions, and comfort and convenience. Six levels are defined and given designations from A to F, with LOS A as the best condition, representing free flow conditions, and LOS F, the worst condition, representing severe congestion and/or time delays. Typically, LOS D is considered acceptable in urban areas and LOS C is considered acceptable in rural areas.

**2008 LOS:**

- B
- C

**ADT (2008)**

450

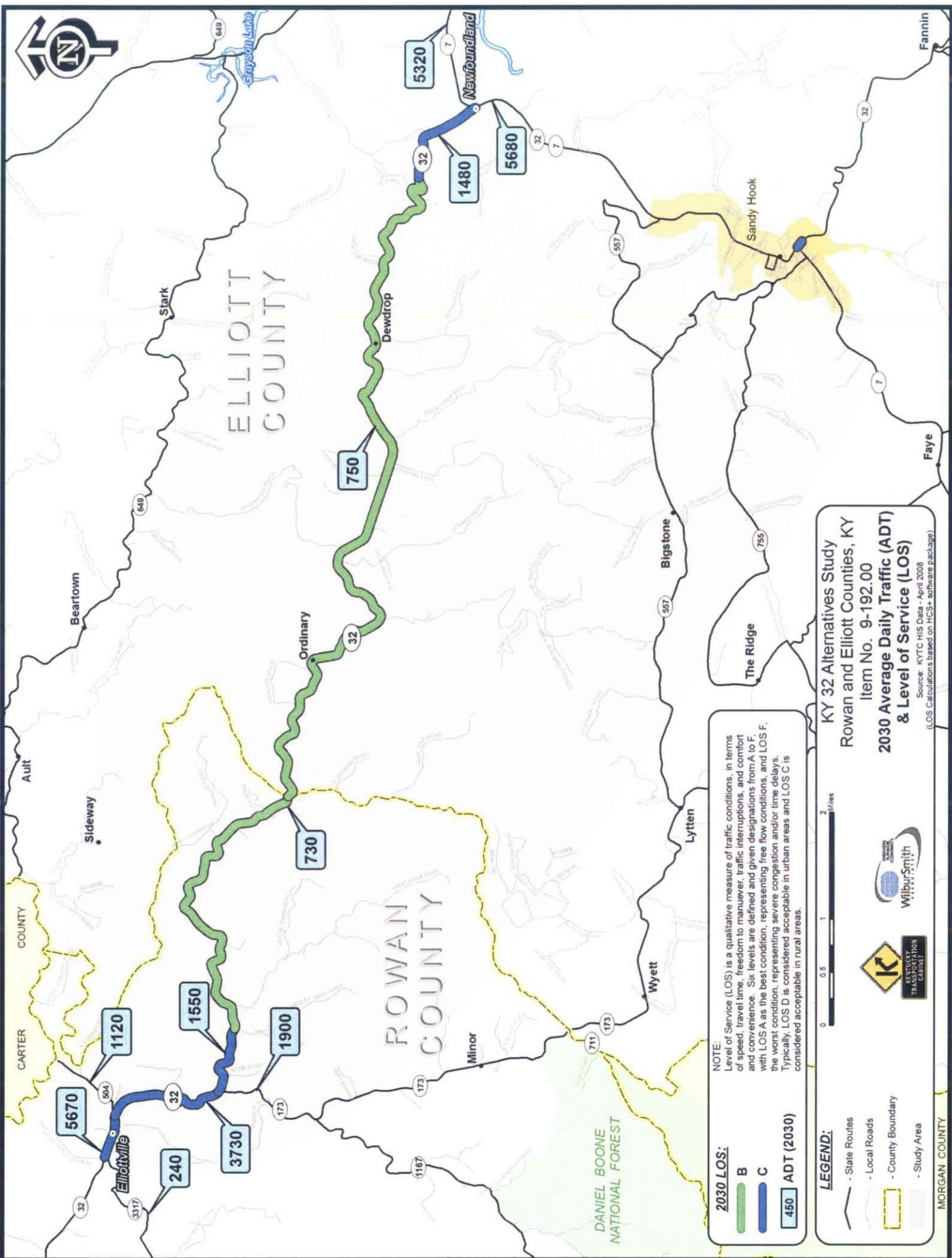
**KY 32 Alternatives Study**  
Rowan and Elliott Counties, KY  
Item No. 9-192.00  
**Average Daily Traffic (ADT)  
& Level of Service (LOS)**  
Source: KYTC HIS Data - April 2008  
(LOS Calculations based on HCS+ software package)

**LEGEND:**

- State Routes
- Local Roads
- County Boundary
- Study Area

**Logos:**

- Kentucky Transportation Cabinet
- Wilbur-Smith
- MORGAN COUNTY



**NOTE:**  
Level of Service (LOS) is a qualitative measure of traffic conditions, in terms of speed, travel time, freedom to maneuver, traffic interruptions, and comfort and convenience. Six levels are defined and given designations from A to F, with LOS A as the best condition, representing free flow conditions, and LOS F, the worst condition, representing severe congestion and/or time delays. Typically, LOS D is considered acceptable in urban areas and LOS C is considered acceptable in rural areas.

**2030 LOS:**

- B
- C

450 ADT (2030)

**LEGEND:**

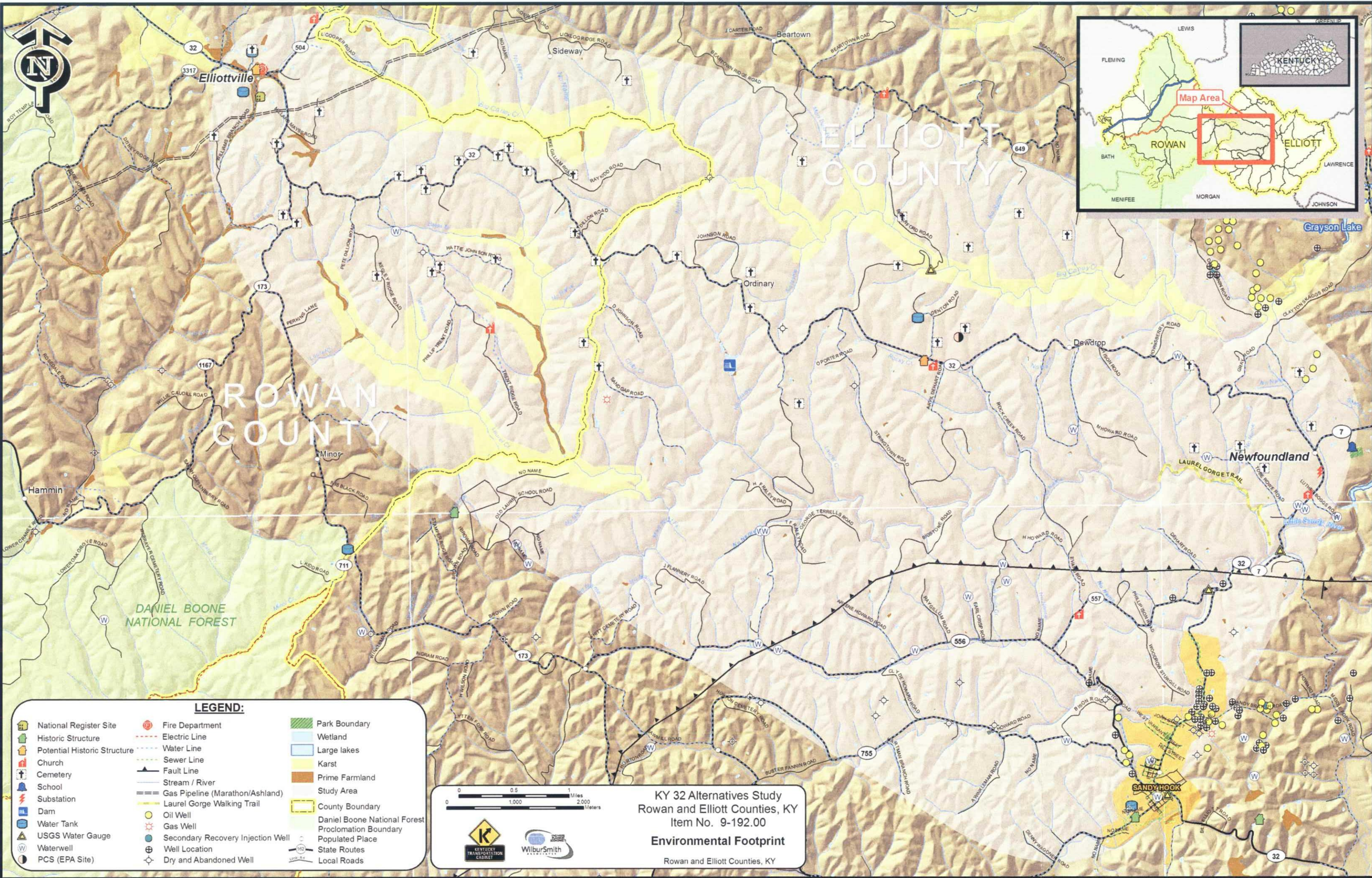
- State Routes
- Local Roads
- County Boundary
- Study Area

**KY 32 Alternatives Study**  
Rowan and Elliott Counties, KY  
Item No. 9-192.00  
**2030 Average Daily Traffic (ADT)  
& Level of Service (LOS)**  
Source: KYTC HIS Data - April 2008  
(LOS Calculations based on HCS+ software package)



MORGAN COUNTY









## CITY OF MOREHEAD

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July 29, 2008

Steve Ross, P. E.  
Transportation Engineer Branch Manager  
Division of Planning, KYTC  
200 Mero ST, 5<sup>th</sup> Floor  
Frankfort, KY 40622

RECEIVED

JUL 30 2008

Mr. Ross,

In regards to the planning study in Rowan and Elliot Counties for KY 32 (Item No. 9-192.00) I wish to state that the City of Morehead, Kentucky fully supports any effort to improve the transportation corridor in the above mentioned area. There are a number of citizens from the greater Sandy Hook area that commute to Morehead and beyond for work and/or school on a daily basis. Any effort to improve the safety of these persons as they travel is a positive step forward. Considering the cost of fuel issue, an improvement along this route may also reduce drive times thus lowering the cost of commutes to and from each area.

Sincerely,

David C. Perkins, Mayor  
City of Morehead, KY





Steven L. Beshear  
Governor

**Energy and Environment Cabinet  
Department for Environmental Protection**

Division for Air Quality  
803 Schenkel Lane  
Frankfort, Kentucky 40601-1403  
[www.air.ky.gov](http://www.air.ky.gov)

Leonard K. Peters  
Secretary

July 21, 2008

Mr. Steve Ross, P.E.  
Transportation Engineer Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, Kentucky 40622

Dear Mr. Ross:

The Division has reviewed the planning study for evaluating proposed highway improvements for KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook in Rowan and Elliott Counties, Item Number 09-192.00. The following Kentucky Administrative Regulations apply to this proposed project:

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://www.air.ky.gov/homepage\\_repository/e-Clearinghouse.htm](http://www.air.ky.gov/homepage_repository/e-Clearinghouse.htm).

Kentucky Division for Air Quality 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 outdoor atmosphere without passing through a stack or chimney. Open burning may be utilized for the expressed purposes listed on the Open Burning Fact Sheet located at [http://www.air.ky.gov/homepage\\_repository/e-Clearinghouse.htm](http://www.air.ky.gov/homepage_repository/e-Clearinghouse.htm). Although, vegetative matter accumulated by land clearing is included as a permissible method of disposal, the Division encourages the use of chipping and grinding in order to avoid excessive particulate emissions in the immediate vicinity of the project.

Mr. Steve Ross

Page 2

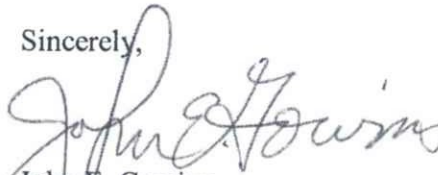
July 21, 2008

Finally, the projects listed in this document must meet the conformity requirements of the Clean Air Act as amended and the transportation planning provisions of Title 23 and Title 49 of United States Code.

Every effort should be made to maintain compliance with the preceding regulations and requirements. The Division also suggests an investigation into compliance with applicable regulations in the local governments.

The Division appreciates the opportunity to review this submittal and looks forward to continued cooperation with your staff in matters relating to transportation/air quality planning. If there are any questions relating to this matter, please contact Joe Forgacs at (502) 573-3382, extension 309.

Sincerely,

A handwritten signature in cursive script, appearing to read "John E. Gowins".

John E. Gowins  
Supervisor, Evaluation Section  
Program Planning & Administration Branch

JEG/jmf



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://www.air.ky.gov/homepage\\_repository/e-Clearinghouse.htm](http://www.air.ky.gov/homepage_repository/e-Clearinghouse.htm)

Kentucky Division for Air Quality 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 outdoor atmosphere without passing through a stack or chimney. However, open burning may be utilized for the expressed purposes listed on the Open Burning Fact Sheet located at [http://www.air.ky.gov/homepage\\_repository/e-Clearinghouse.htm](http://www.air.ky.gov/homepage_repository/e-Clearinghouse.htm)

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



**KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES  
COMMERCE CABINET**

**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

**Marcheta Sparrow**  
Secretary

**Dr. Jonathan W. Gassett**  
Commissioner

June 10, 2008

Department for Environmental Protection  
Commissioner's Office  
Attn: Larry Taylor  
14 Reilly Road  
Frankfort, KY 40601

RE: Elliott and Rowan Counties  
Improvements to KY 32  
Item No. 9-192.00  
Environmental Overview Study

Dear Mr. Taylor:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) have received your request for the above-referenced information. The Kentucky Fish and Wildlife Information System indicate that the federally endangered Virginia big-eared bat, *Corynorhinus townsendii virginianus*, gray bat, *Myotis grisescens* and Indiana bat, *Myotis sodalis* are known to occur within close proximity to the project area. Please be aware that our database system is a dynamic one that only represents our current knowledge of the various species distributions.

- The Indiana bat utilizes a wide array of habitats, including riparian forests, upland forest, and fencerows for both summer foraging and roosting habitat. Indiana bats typically roost under exfoliating bark, in cavities of dead and live trees, and in snags (i.e., dead trees or dead portions of live trees). Trees in excess of 16 inches diameter at breast height (DBH) are considered optimal for maternity colony roosts, but trees in excess of 9 inches DBH appear to provide suitable maternity roosting habitat. Removal of suitable Indiana bat roost trees due to construction of the proposed project should be completed between October 15 and March 31 in order to avoid impacting summer roosting Indiana bats.
- In areas where bats are known to occur, cave entrances, mine portals, rock shelters, and/or cliff overhangs that exist within the project area should be surveyed for potential use by bats. KDFWR recommends avoiding those areas that provide adequate habitat for bats.
- To minimize impacts to aquatic resources and bat foraging areas, strict erosion control measures should be developed and implemented prior to construction to minimize siltation into streams located within the project area. Such erosion control measures may include, but are not limited to silt fences, staked straw bales, brush barriers, sediment basins, and diversion ditches. Erosion control measures will need to be installed prior to construction and should be inspected and repaired regularly as needed.

Due to the close proximity of several federally listed species we ask that the Kentucky Transportation Cabinet work closely with the U. S. Fish & Wildlife Service to avoid and/or minimize impacts to federally listed species. For more information on how to proceed



with the federally listed threatened/endangered species please contact the US Fish and Wildlife Service Kentucky Field Office at (502) 695-0468.

Located within the project corridor are Laurel Creek and Big Caney Creek, both are listed by the Kentucky Division of Water as "Exceptional Use Waters". Laurel Creek and Big Caney Creek provides intact, exceptional aquatic and terrestrial habitat that is important to the watershed. KDFWR has recognized the importance of both Big Caney Creek and Laurel Creek and through our Stream & Wetland Restoration Program we are in the process of acquiring approximately 1,000 acres of land along Laurel Creek. Based on the diversity of Big Caney Creek and Laurel Creek we recommend that direct impacts to both streams be avoided. We also recommend the avoidance and/or minimization of impacts to tributaries leading to both streams. To compensate for unavoidable impacts to tributaries we recommend that mitigation sites be identified within both the Big Caney Creek and Laurel Creek watersheds.

KDFWR also recommends that you contact the appropriate US Army Corps of Engineers office and the Kentucky Division of Water prior to any work within the waterways or wetland habitats of Kentucky. Additionally, KDFWR recommends the following for the portions of the project that impact streams:

- Channel changes located within the project area should incorporate natural stream channel design.
- If culverts are used, the culvert should be designed to allow the passage of aquatic organisms.
- Culverts should be designed so that degradation upstream and downstream of the culvert does not occur.
- Development/excavation during low flow period to minimize disturbances.
- Proper placement of erosion control structures below highly disturbed areas to minimize entry of silt into area streams.
- Replanting of disturbed areas after construction, including stream banks, with native vegetation for soil stabilization and enhancement of fish and wildlife populations. We recommend a 100 foot forested buffer along each stream bank.
- Return all disturbed instream habitat to a stable condition upon completion of construction in the area.
- Preservation of any tree canopy overhanging any streams within the project area.

I hope this information proves helpful to you. If you have any questions or require additional information, please call me at (800) 852-0942 Extension 4472.

Sincerely,

*Doug Dawson*

Doug Dawson  
Wildlife Biologist III

Cc: Environmental Section File



**KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES  
COMMERCE CABINET**

**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

**Marcheta Sparrow**  
Secretary

**Dr. Jonathan W. Gassett**  
Commissioner

July 28, 2008

Department for Environmental Protection  
Commissioner's Office  
Attn: Larry Taylor  
14 Reilly Road  
Frankfort, KY 40601

RE: Elliott and Rowan Counties  
Improvements to KY 32  
Item No. 9-192.00  
Planning Study

Dear Mr. Taylor:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) have received your request for the above-referenced information. The Kentucky Fish and Wildlife Information System indicate that the federally endangered Virginia big-eared bat, *Corynorhinus townsendii virginianus*, gray bat, *Myotis grisescens* and Indiana bat, *Myotis sodalis* are known to occur within close proximity to the project area. Please be aware that our database system is a dynamic one that only represents our current knowledge of the various species distributions.

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with the federally listed threatened/endangered species please contact the US Fish and Wildlife Service Kentucky Field Office at (502) 695-0468.

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- Culverts should be designed so that degradation upstream and downstream of the culvert does not occur.
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- Return all disturbed instream habitat to a stable condition upon completion of construction in the area.
- Preservation of any tree canopy overhanging any streams within the project area.

I hope this information proves helpful to you. If you have any questions or require additional information, please call me at (800) 852-0942 Extension 4472.

Sincerely,

*Doug Dawson*

Doug Dawson  
Wildlife Biologist III

Cc: Environmental Section File

## **Environmental Overview Study for Improvements to KY 32**

### **Endorsement:**

A request for review of the Environmental Overview Study for Improvements to KY 32 in Elliott and Rowan Counties, Kentucky was received on May 23, 2008. The Division of Water (DOW) completed this review and has provided the following comments.

### **Water Quality Branch:**

This activity will require an Individual Water Quality Certification. Questions should be directed to Jesse Robinson of the Water Quality Certification Section, (502) 564-3410.

This project couldn't be in a worse place than this to make improvements to KY 32. KY 32 runs the ridges between 2 special waters in this area. The waters are Big Caney Creek and Laurel Creek. Big Caney Creek and Laurel Creek are both exceptional waters and coldwater aquatic habitats.

Fugitive sedimentation and siltation can be devastating to these types of habitat: suffocating instream habitat and insects; increasing temperatures in the CAH's; affecting hydraulics in the stream; imbedding the substrate; and bank failure due to the change in hydrology. In other words, off-project sedimentation and siltation needs to be kept to a minimum or absent that actually get to these streams. Problems have already occurred in Laurel Creek due to the lack of foresight by Rowan County local authorities.

### **Groundwater Branch:**

Any water or monitoring wells that may be destroyed by the project will need to be abandoned properly. All water well and monitoring well construction, alteration, repair or plugging must be performed by a Kentucky certified driller in accordance with KRS 223.400 460 and 401 KAR 6:310 and 320.

### **Field Operations Branch:**

No comments.

### **Water Resources Branch:**

No stream construction permit required.

### **Enforcement Branch:**

No objections.



**Planning Study for Improvements to KY 32 from KY 504  
in Elliottville to KY 7 near Sandy Hook**

**Endorsement:**

A request for review of the Planning Study for improvements to KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook in Elliott and Rowan Counties, Kentucky was received on July 17, 2008. The Division of Water (DOW) completed this review and has provided the following comments.

**Water Quality Branch:**

Road construction will not affect any special waters with the exception of Grayson Lake. KDOT should take care in this area due to the heavy silt and sedimentation loads usually created by this type of road construction.

**Watershed Management Branch:**

Any water or monitoring wells that may be destroyed by the project will need to be abandoned properly. All water well and monitoring well construction, alteration, repair or plugging must be performed by a Kentucky certified driller in accordance with KRS 223.400 460 and 401 KAR 6:310 and 320.

**Compliance & Technical Assistance Branch:**

No comments.

**Surface Water Permits Branch:**

A stream construction permit is not required.

**Enforcement Branch:**

The Division of Enforcement does not object to the project proposed by the applicant.



## ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

**Steven L. Beshear**  
Governor

**Department for Natural Resources**

2 Hudson Hollow  
Frankfort, Kentucky 40601  
Phone (502) 564-6940  
Fax (502) 564-5698  
[www.eppc.ky.gov](http://www.eppc.ky.gov)  
[www.dnr.ky.gov](http://www.dnr.ky.gov)  
June 13, 2008

**Robert D. Vance**  
Secretary

**Carl E. Campbell**  
Commissioner

Mr. Larry Taylor  
Department for Environmental Protection  
Commissioner's Office  
14 Reilly Road  
Frankfort, Kentucky 40601

RE: Project Number: SERO 2008 - 11

Dear Mr. Taylor:

The Department for Natural Resources has examined the documentation for the improvements to KY 32 in Elliott and Rowan Counties, Kentucky. According to the Kentucky Division of Forestry, KY 32 winds primarily along a narrow ridge with sharp curves through steep pastures segmented with pockets of upland hardwood timber. The primary role of existing forest along this corridor is to protect the inherent watersheds. Any disturbed soils would be subject to severe erosion into numerous drainages impacting the water quality of streams.

We understand the importance of this road as the main connection between Morehead and Sandy Hook for public safety and emergency response concerns; however, we urge that care be taken to prevent the erosion and stream impacts. We suggest that tree seedlings be planted upon completion of the road improvements.

Should you have any additional questions or concerns, please call Linda Potter at (502) 564-6940.

Sincerely,

Carl E. Campbell  
Commissioner



RE: SERO 2008-11 (KTC KY 32 improvements in Rowan and Elliott cos.)

KSNPC has reviewed the project description and recommends that KTC have a fairly broad biological survey conducted to assure that no populations of several rare plant and animal species known from the general vicinity of the project area are impacted. This would include an assessment of potential impacts to streams flowing out of the project area more pristine natural areas.



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AUG 05 2008

COMMERCE CABINET  
KENTUCKY HERITAGE COUNCIL

Steven L. Beshear  
Governor

The State Historic Preservation Office  
300 Washington Street  
Frankfort, Kentucky 40601  
Phone (502) 564-7005  
Fax (502) 564-5820  
www.kentucky.gov

Marcheta Sparrow  
Secretary

Donna M. Neary  
Executive Director and  
State Historic Preservation Officer

July 31, 2008

Steve Ross, P.E.  
Transportation Engineer Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, KY 40622

**Re: Planning Study, Proposed KY 32 Relocation Project, Rowan and Elliot Counties (Item No 9-192.00)**

Dear Mr. Ross:

The State Historic Preservation Office has received a request for comments regarding the above-referenced planning study. There are many archaeological resources identified within the study area, including surveyed sites, such as an Early Archaic and historic farm site (15RO145) and two prehistoric rock shelters (15EL14 & 15EL15), as well as several cemeteries and other archaeological resources that have yet to be evaluated by a professional archaeologist. Additionally, there are a number of historic building sites within the study area, but it appears as if this region has not been surveyed by a professional architectural historian.

A full survey of both architectural and archaeological resources should be conducted. The study reports must be submitted to this office for review, via the KYTC Central Office, Division of Environmental Analysis.

We look forward to participating in the review process. If you have any questions, please contact Wendy Wheatcraft of my staff at (502) 564-7005, extension 126.

Sincerely,

Mark Dennen  
Site Development Program Manager

cc: Thomas Witt, KYTC, Division of Planning  
Larry Taylor, Department for Environmental Protection





**COMMERCE CABINET  
KENTUCKY HERITAGE COUNCIL**

**Steven L. Beshear**  
Governor

**The State Historic Preservation Office**  
300 Washington Street  
Frankfort, Kentucky 40601  
Phone (502) 564-7005  
Fax (502) 564-5820  
www.kentucky.gov  
June 13, 2008

**Marcheta Sparrow**  
Secretary

**Donna M. Neary**  
Executive Director and  
State Historic Preservation Officer

Mr. Larry C. Taylor  
Environmental Scientist IV  
Commissioner's Office  
Department for Environmental Protection  
14 Reilly Road  
Frankfort, KY 40601

Dear Mr. Taylor:

The Kentucky Heritage Council has reviewed the information provided by Todd McDaniel with HMB Professional Engineers concerning the proposed improvements to KY 32 from KY 504 at Elliottville to KY 7 at Newfoundland in Elliott and Rowan counties, Kentucky. A review of our records indicates that there are recorded archaeological sites in the vicinity but no recorded historic structures within the study area. Consequently, we feel that the proposed improvements to KY 32 have potential for impacting significant archaeological sites and historic structures. An archaeological survey should be conducted once a corridor is selected for this project. Further, a historic consultant should be hired to conduct a literature search and survey of historic properties within or adjacent to the proposed corridor. These studies will determine if there are any sites eligible for listing in the National Register of Historic Places which might be affected by the project. Both the archaeological and historic reports must be submitted for my review, comment, and approval. Should you have any questions, feel free to contact Charles Hockensmith of my staff at (502) 564-7005.

Sincerely,

Donna M. Neary, Executive Director  
and State Historic Preservation Officer

DMN:cdh

Richie Farmer, Commissioner  
32 Fountain Place  
Frankfort, KY 40601



Phone: (502) 564-5126  
Fax: (502) 564-5016  
E-mail: richie.farmer@ky.gov

Kentucky  
Department of  
Agriculture

*A Consumer Protection And Service Agency*

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JUL 14 2008

July 11, 2008

Steve Ross, P.E.  
Transportation Engineer Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, Kentucky 40602

RE: Rowan and Elliott Counties Item No. 9-192.00

Dear Mr. Ross:

The Kentucky Department of Agriculture recognizes receipt of information relating to the above noted Item No. At this time, the Department has no comment on the proposed project.

We appreciate the opportunity to provide input.

Yours truly,

  
Richie Farmer, Commissioner







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JUL 17 2008

EDUCATION CABINET  
DEPARTMENT OF EDUCATION

Steven L. Beshear  
Governor

Capital Plaza Tower  
500 Mero Street  
Frankfort, Kentucky 40601  
Phone (502) 564-4770  
www.education.ky.gov

Jon E. Draud, Ed.D.  
Commissioner of Education

July 15, 2008

Mr. Steve Ross, P.E.  
Transportation Engineer Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero St., 5<sup>th</sup> Floor  
Frankfort, KY 40622

RE: Planning Study, Rowan and Elliott Counties  
KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook

Dear Mr. Ross:

On behalf of Helen Mountjoy, Secretary, Education Cabinet, I reply to Ernest R. Polly's 7/10/08 letter to her that the proposed improvements to and possible relocation of KY 32 in Rowan and Elliott Counties will not directly affect the Education Cabinet and its agencies. However, if you have not already done so, I recommend you advise the following persons regarding the KY 32 planning study:

Mr. John Williams, Superintendent  
Elliott County Public Schools  
POB 767  
Sandy Hook, KY 41171

Mr. Marvin Moore, Superintendent  
Rowan County Public Schools  
121 East Second St.  
Morehead, KY 40351

If I may be of further service, please call me at (502) 564-4326.

Sincerely,

Mark W. Ryles, Director  
Division of Facilities Management

MWR/LRH

c: Helen Mountjoy, Secretary  
John Williams, Superintendent  
Marvin Moore, Superintendent  
Louis Hugg, DFM

**From:** Harman, Charles L (Education Cabinet)  
**Sent:** Friday, July 11, 2008 11:11 AM  
**To:** Witt, Thomas (KYTC)  
**Subject:** 9-192 planning study

Thomas - The Education Cabinet has no comments on the subject planning study at this time. I am forwarding the documentation to Mark Ryles in KDE for their comments if any.

ch

*Charlie Harman  
Office of Budget and Administration  
Education Cabinet  
E-MAIL: [CharlesL.Harman@ky.gov](mailto:CharlesL.Harman@ky.gov)  
Phone: (502)564-9681 - New 5/01/2008*





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AUG 05 2008

KENTUCKY STATE POLICE

Steve Beshear  
Governor

919 Versailles Road  
Frankfort, Kentucky 40601  
www.kentucky.gov

Rodney Brewer  
Commissioner

July 20, 2008

Mr. Ernest R. Polly, Acting Director  
Kentucky Transportation Cabinet  
200 Mero Street  
Frankfort, KY 40622

Dear Mr. Polly:

After reviewing the information you provided in reference to a planning study for KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook, the Kentucky State Police believe that there is a need for improvements to said section of road. Our Troopers have reported this road to be curvy and dangerous especially during inclement weather. Our records show a total of eight (8) vehicular accidents so far this year. Although none of these were fatal accidents, injuries were reported on nearly half of them. Our Troopers drive this stretch of roadway on a continuous basis for both answering complaints and patrol efforts. We feel that your proposed project will better serve the citizens of both Elliott and Rowan Counties once completed.

If you have any questions or need further assistance, please contact me at your earliest convenience.

Sincerely,

*Capt. D.F. Depp*

Captain Dwayne F. Depp, Unit 36  
Commander  
Kentucky State Police Post 8  
1595 Flemingsburg Road  
Morehead, KY 40351

DFD/bn

co08bn021



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JUL 31 2008

## JUSTICE AND PUBLIC SAFETY CABINET

**Steven L. Beshear**  
Governor

**Kentucky Vehicle Enforcement**  
Frankfort, Kentucky 40601

**J. Michael Brown**  
Secretary



**LTC Leslie Gannon**  
Division Director

July 30, 2008

Mr. Steve Ross, P.E.  
Transportation Engineer Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, KY 40601

Dear Mr. Ross:

We are in receipt of your letter requesting any input that Kentucky Vehicle Enforcement might have in regards to a planning study, Rowan and Elliott Counties, KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook, item no. 9-192.00.

After having my staff research the matter, we do not see any concerns as it relates to our agency.

If you need any further information, please do not hesitate to let us know.

Sincerely,

David G. Leddy  
Deputy Commissioner  
Department of Kentucky Vehicle Enforcement



**From:** Houlihan, John (KYTC)  
**Sent:** Tuesday, July 15, 2008 2:58 PM  
**To:** Witt, Thomas (KYTC)  
**Subject:** Item No. 9-192.00

Mr. Witt,

The proposed project will not have adverse effect to air-navigation. However, if any structure or construction equipment exceeds 200 feet above ground level, a permit would have to issued from this office. If you have any questions, let me know.

Kentucky Airport Zoning Commission

John Houlihan, Administrator

90 Airport Road, Building 400

Frankfort, KY 40601

Desk 502.564.0310

Cell 502.330.3955

<http://transportation.ky.gov/aviation/kyzoning.htm>

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Kentucky Geological Survey  
Research  
228 Mining & Mineral Resources Bldg.  
Lexington, KY 40506-0107  
Phone: (859) 257-5500  
Fax: (859) 257-1147  
[www.uky.edu/kgs](http://www.uky.edu/kgs)

July 29, 2008

Steve Ross, P.E.  
Transportation Engineer Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street  
5<sup>th</sup> Floor  
Frankfort, KY 40622

Dear Mr. Ross:

This letter is to summarize any geologic concerns for the project identified as:

Planning Study  
Rowan and Elliott Counties  
KY 32 from KY 504 to Elliottville to KY 7 near Sandy Hook  
Item No. 9-192.00

The following comments reflect the review of maps, online searches, and documents available in the files and on the Web site of the Kentucky Geological Survey. No on-site investigation (except for the section on fracture orientations) of the planning study area was conducted.

#### **Physiographic Region**

The study area is in the Eastern Kentucky Coal Field physiographic region, which is underlain by gravel, sand, silt, clay, sandstone, argillaceous sandstone, conglomeritic sandstone, calcareous sandstone concretions, shale, silty shale, siltstone, limestone, dolomite, coal, and underclay.

#### **Land-Use Planning Map**

For a good geologic (with physical parameters) overview of the study area, refer to the county land-use planning map at [www.uky.edu/KGS](http://www.uky.edu/KGS).

On the home page, click on GIS and Maps.

On this page, click on County Land-Use Planning Maps.

On this page, click on the county of interest on the index map or select the county name from the pull-down menu. A viewable and downloadable PDF of the map will be displayed.





### **Karst Potential**

The study area might encounter karst features such as sinkholes or caves as identified on the map provided by Wilbur Smith and Associates for this study area.

### **Landslide Potential**

The study area probably will encounter pre- or post-landslide hazards. The potential for landslides in the red and green shales of the Muldraugh Formation could be initiated or accentuated by removal of material at the base of the slope.

### **Unconsolidated Sediments**

The study area will encounter unconsolidated sediments at or near stream drainage, such as sand, silt, and gravel.

### **Resource Conflicts**

The study area might encounter resource conflicts such as prior ownership of oil and gas wells or Olive Hill Clay bed property and coal property for mining. Locations of oil and gas wells have been identified by the maps provided by Wilbur Smith and associates for this study. Coal mining information can be found at the Department of Mines and Minerals Web site, <http://minemaps.ky.gov/>.

### **Monitoring Wells, Domestic Water Wells, and Springs**

The study area will encounter domestic and monitoring wells (included is a 1:100,000 scale map of the study area showing the locations of the monitoring and domestic water wells). Locations of monitoring wells, domestic water wells, and springs can be found by going to the Kentucky Geological Survey's Web site, <http://kgsweb.uky.edu/DataSearching/Water/WaterWellSearch.asp>, and inputting search parameters.

### **Subsidence**

The study area might encounter underground voids that were left from previous deep mining activity, which could be a possible subsidence hazard. The Department of Mines and Minerals Web site would be helpful for locating deep mines in the area.

### **Materials Suitability**

The study area will not encounter any material suitable for construction stone in the study area.

### **Fault Potential**

The study area probably will encounter the Little Sandy Hook Fault in the southeastern end of the study area. It is identified on the map provided by Wilbur Smith and Associates for this study area.

### **Fracture Orientations**

Field reconnaissance of the study area was conducted on July 23rd, by Steve Martin. The joint orientations are plotted as Rose diagrams and are included on the attached map. For more information, contact Steve Martin, 859.257.5500 ext. 179 or [smartin401@uku.edu](mailto:smartin401@uku.edu).

**Earthquake Zone**

The study area has a probable peak ground acceleration (PGA) due to earthquake ground motion of 0.09g for Rowan County and 0.19g for Elliott County. There would be a low to moderate potential for liquefaction or slope failure in the unconsolidated sediments at or near streams caused by earthquake bedrock ground motion.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard A. Smath". The signature is fluid and cursive, with the first name "Richard" being more prominent than the last name "Smath".

Richard A Smath  
Geologist



Kentucky Groundwater Data Repository  
Kentucky Geological Survey

Water Well and Spring Location Map

**Note:** please disable popup blocking software for full functionality.

KGS Home > Maps, Pubs. & Data > Groundwater Info > Water Well and Spring Map

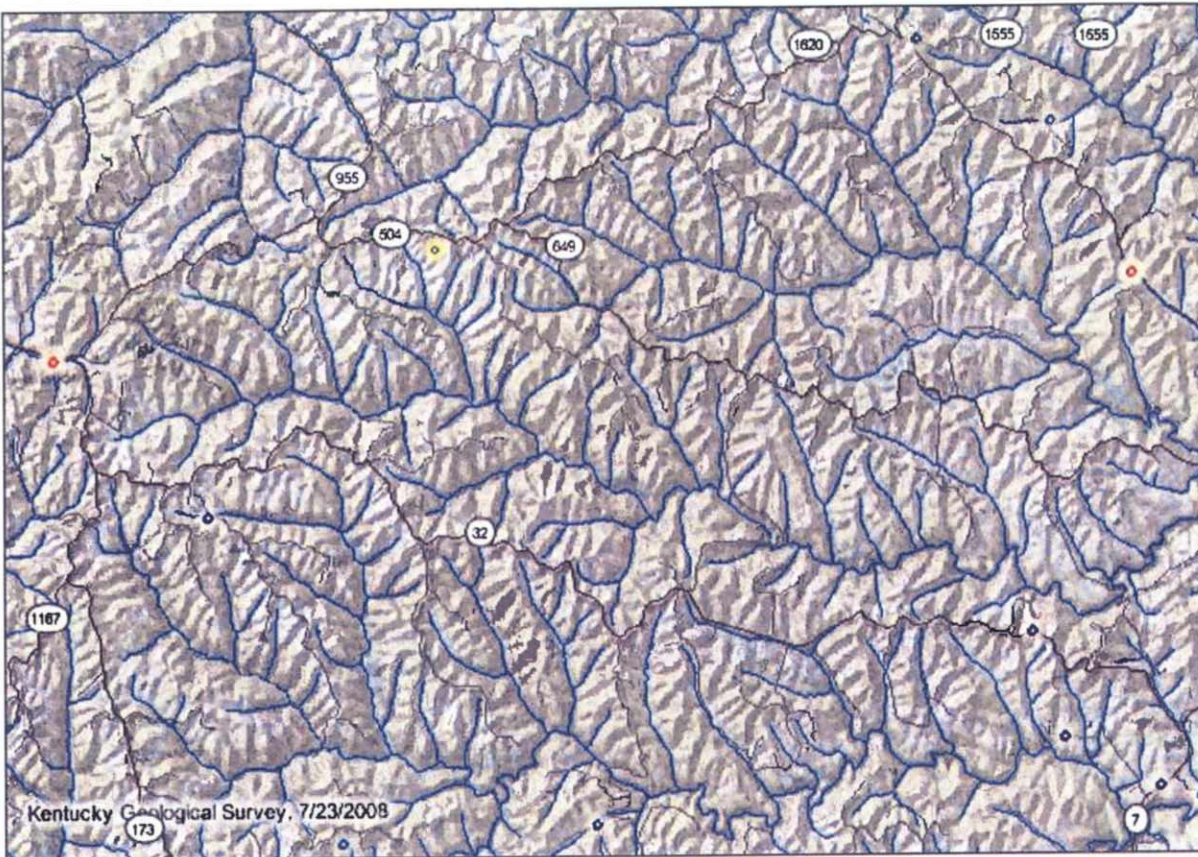
Search Criteria:

ID #: 45592

coords (lat,lon): 38.194444, -83.214444

county: Elliott

7.5' quadrangle: Ault



Current Scale = 1:100,000

**Note:** all wells and springs are displayed at scales below 1:100,000

Change Map Scale: 1:100,000

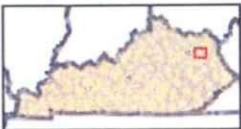
Change Basemap (background):

topo map w/ hillshade

Change Map Size: half pg (6.8 x 4.7 in) | full pg (6.8 x 9.4 in)

**TIP:** to print map to scale, be sure to "File --> Print Preview..." and print at 100% scaling.

Overview Map:



Map Tools:



Other Tools:



zoom to a location



Bookmark Map

Information about wells labeled on map above:

- public water well sources
  - Tabular data of WATER WELLS in this view
  - Tabular data of SPRINGS in this view
  - Search for Groundwater Quality Data

For information about the KY Groundwater Data Repository:

Bart Davidson (Kentucky Geological Survey)  
859.257.5500 x162  
bdavidson@uky.edu

Well Table:

**IMPORTANT:** wells may overlap on the map. Some wells listed below may not be visible unless highly zoomed in.

\*\*click KGS ID number for more info about a well

minimize table below to show records in pages

Symbol	KGS ID	AKGWA #	Primary Use	Zoom
	1618	00000825	domestic	<a href="#">zoom to well</a>

⦿	3149	00002935	domestic	<a href="#">zoom to well</a>
⦿	3151	00002937	domestic	<a href="#">zoom to well</a>
⦿	5196	00010489	domestic	<a href="#">zoom to well</a>
⦿	45592	n/a	domestic	<a href="#">zoom to well</a>

Page 1/4

Symbol	KGS ID	AKGWA #	Primary Use	Zoom
⦿	45593	n/a	domestic	<a href="#">zoom to well</a>
⦿	76562	00006972	domestic	<a href="#">zoom to well</a>
⦿	80085	00015973	domestic	<a href="#">zoom to well</a>
⦿	83575	00025569	domestic	<a href="#">zoom to well</a>
⦿	85229	00029925	domestic	<a href="#">zoom to well</a>

Page 2/4

Symbol	KGS ID	AKGWA #	Primary Use	Zoom
⦿	116750	80035631	monitoring	<a href="#">zoom to well</a>
⦿	117540	80036797	monitoring	<a href="#">zoom to well</a>
⦿	117541	80036798	monitoring	<a href="#">zoom to well</a>
⦿	124706	80048681	monitoring	<a href="#">zoom to well</a>
⦿	124707	80048682	monitoring	<a href="#">zoom to well</a>

Page 3/4

Symbol	KGS ID	AKGWA #	Primary Use	Zoom
⦿	124708	80048683	monitoring	<a href="#">zoom to well</a>
⦿	124709	80048684	monitoring	<a href="#">zoom to well</a>

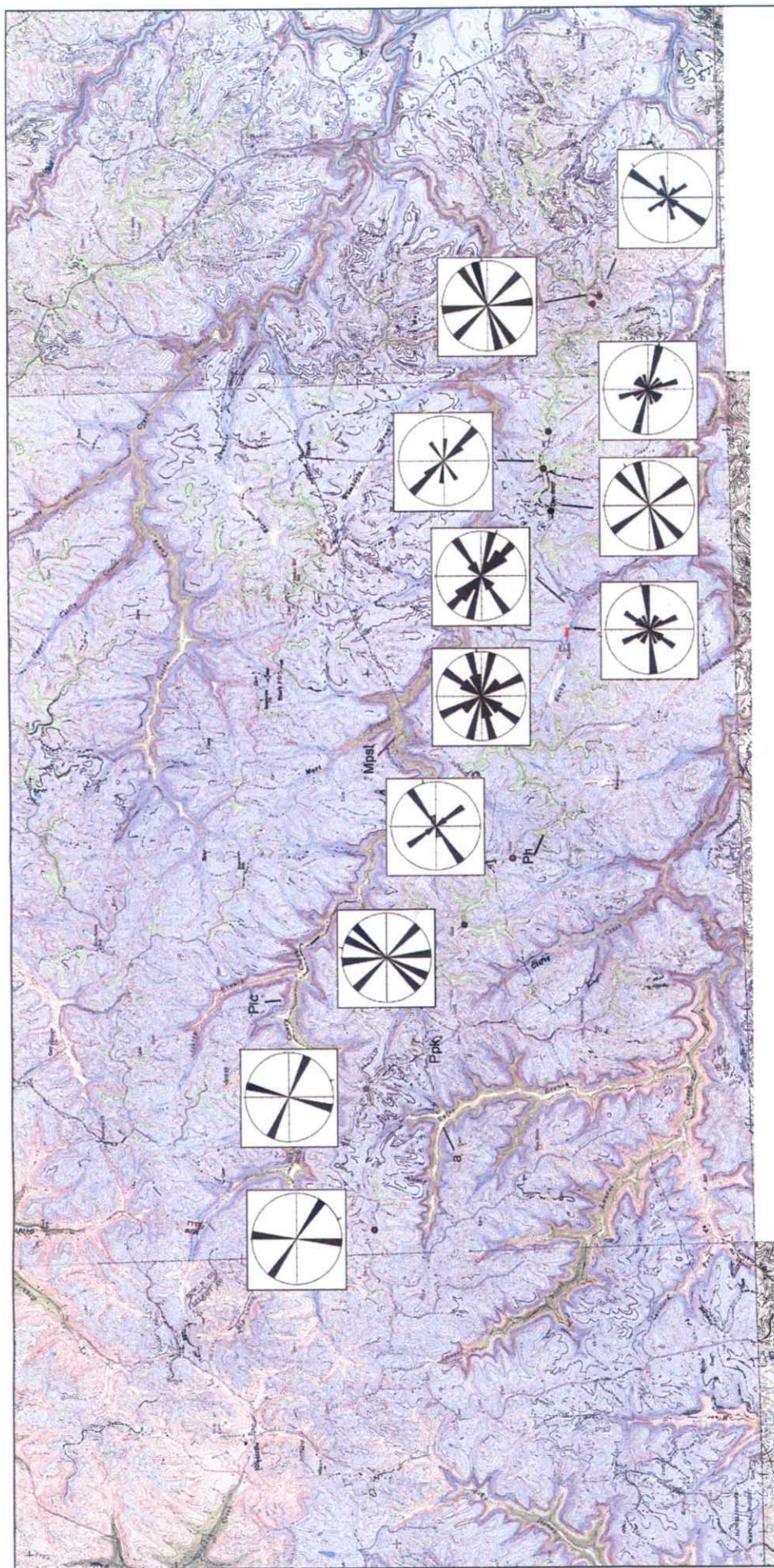
Page 4/4

**Spring Table:****IMPORTANT:** springs may overlap on the map. Some springs listed below may not be visible unless highly zoomed in.

\*\*no springs found in map area

**PRINT THIS PAGE****TIP:** to print map to scale, be sure to select "Print Preview..." from the "File" menu and print at 100% scaling.





Geologic map of the study area showing fracture orientations along KY 32. Rose diagrams show the location, frequency, and orientation of joint measurements from field reconnaissance. Map unit abbreviations include Ph (Hyden Formation), Ppk (Pikeville Formation), Plc (Corbin Sandstone Member of the Grundy Formation, Mpsi (Paragon and Slade Formations, undifferentiated), and Qal (alluvium). Map scale is 1:48,000.





RECEIVED

JUL 31 2008


**Steven L. Beshear**  
Governor

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

**Joseph W. Prather**  
Secretary

MEMORANDUM

TO: Steve Ross, P.E.  
TEBM  
Division of Planning

FROM: Jackie Jones   
Executive Staff Advisor  
Office of Local Programs

DATE: June 26, 2008

SUBJECT: Planning Study, Rowan and Elliot Counties  
KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook  
Item No. 9-192.00

Our office has been provided information on the subject study and has reviewed the study to determine if there is a need for bicycle/pedestrian facilities. At this time, I am unaware of any designated state bike routes on KY 32, nor any local routes. This road has a low ADT, and would not likely be used by many pedestrians. Therefore I do not anticipate a need for bicycle or pedestrian facilities to be included in this project. If you have any questions, please feel free to contact me at 502-564-2060 Ext 3048. or via e-mail at [Jackie.Jones@ky.gov](mailto:Jackie.Jones@ky.gov).



An Equal Opportunity Employer M/F/D



## MEMORANDUM

P-005-2008

**TO:** Steve Ross, PE  
Transportation Engineer Branch Manager  
Division of Planning

**FROM:** William Broyles, PE  
Geotechnical Branch  
Branch Manager  
Division of Structural Design

**BY:** Christian Wallover, PG  
Sean House  
Geotechnical Branch

**DATE:** July 31, 2008

**SUBJECT:** Rowan and Elliot Counties  
KY 32 from KY 504 in Elliotville to  
KY 7 near Sandy Hook  
FD04 103 0032 016-022  
Item # 9-192.00  
Mars # 8054301P

At your request, the Geotechnical Branch has completed a review of the project and outlined issues that may affect the project corridor.

The project study area is underlain by the Pennsylvanian rocks of the Breathitt and Lee Formations and the Mississippian rocks of the Newman Limestone Formation. The Breathitt Formation contains interbedded sandstone, shale, clay and coal which range from 230-710 feet thick. Coal beds that may be encountered in the Breathitt Formation are the Laurel Coal Bed (0-85" thick), Mud Seam Coal Bed (0-50" thick), Fire Clay Coal Bed (0-49" thick), Canel City Coal Bed (0-59" thick), Little Caney Coal Bed (0-32" thick), Grassy Coal Bed (0-32" thick), and the Bruin Coal Bed (0-30" thick). Some of the beds have been extensively strip and deep mined south of the study area. Due to the inconsistencies in thickness of these beds, economic mining within the study area has been discouraged. Although many coal beds are locally stripped for household usages.

The Lee Formation is made up of mostly conglomeritic sandstone and minor amounts of shale that range anywhere between 0-200 feet in thickness in the study area. Within the Lee Formation is the Olive Hill Clay Bed of Crider (CB). This is semiflint clay and flint clay bed that has been extensively stripped and underground mined along the Big Caney Creek. The locations of this bed are shown on the attached geologic map. Areas directly on top of and around this bed should be avoided.

**Memorandum**  
**Steve Ross, PE**  
**July 31, 2008**  
**Page 2**

Below the Lee Formation is the Newman Limestone Formation. It is composed of thick to massive, crossbedded limestone. The formation is exposed only within drainage valleys. The limestone is suitable for aggregate and road metal but has not been extensively mined in the area.

Quaternary alluvium is mainly identified along rivers and their tributaries in the study area. They range from 0-10 feet thick and consist of gravel, sand, and silt. Deep foundations for structures are not anticipated in alluvium.

The general dip of the bedrock is to the south-southeast direction. It is recommended that alignment should stay on the north side of the hills (upside of dip) to reduce encounters with spring lines.

Also located on the southeast part of the study area is the Sandy Hook Anticline which is labeled on the attached geologic map. Spring lines are likely to be encountered at the base of sandstone and coal beds on the north facing hillsides on the north side of the anticline and the south facing hillsides on the south side of the Sandy Hook Anticline. Side-hill cut and fill situations should be avoided if possible.

The Little Sandy Hook Fault, labeled on the geologic map, directly north of the Sandy Hook Anticline should be avoided. Dipping rock and springs or wet slopes may be encountered in this area. Any corridors that encounter faults should be crossed perpendicular to the fault line.

Gas and oil wells are located throughout the study area but there is a large concentration of them on the north and east side of Sandy Hook. Only the holes around Sandy Hook have had economic value, the rest have been just test holes. All oil and gas well should be avoided with any corridors.

Normal cut and fill slopes should be adequate for the project.

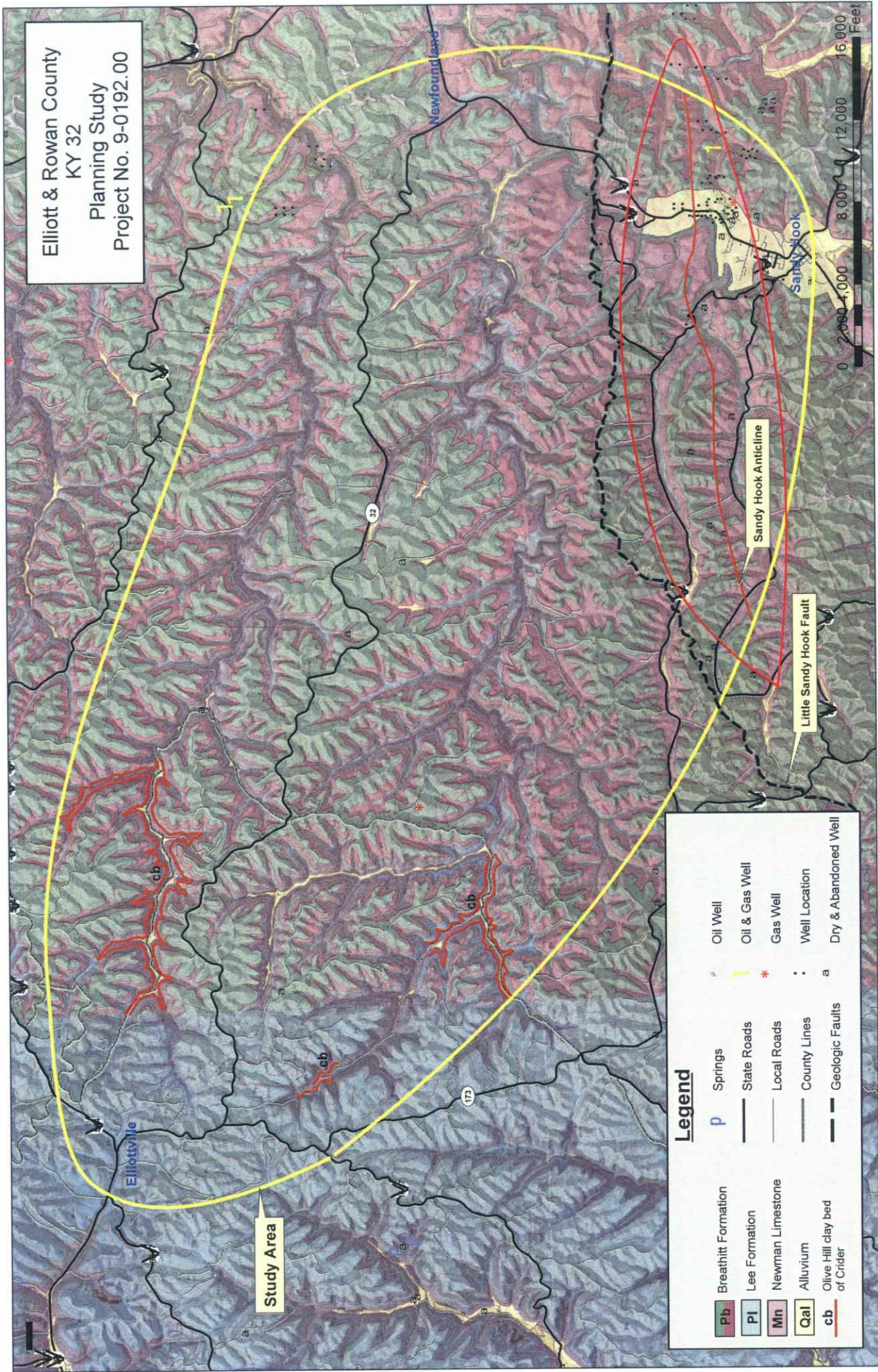
The project is located in the seismic risk zone 1 where minimal earthquake damage could occur.

If there are any questions, please advise.

cc. Thomas Witt  
Ernest Polly



Elliott & Rowan County  
 KY 32  
 Planning Study  
 Project No. 9-0192.00





RECEIVED

JUL 24 2008



OFFICE OF THE PRESIDENT

July 22, 2008

202 HOWELL-MCDOWELL AD. BLDG.  
MOREHEAD, KENTUCKY 40351-1689  
TELEPHONE: 606-783-2022  
FAX: 606-783-2216

Mr. Steve Ross, P.E.  
Transportation Engineer Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero St., 5<sup>th</sup> Floor  
Frankfort, KY 40622

Dear Mr. Ross:

I am pleased to respond to the request from Mr. Ernest R. Polly for written comments on the planning study currently underway by the Transportation Cabinet for improvements to KY 32 from KY 504 in Rowan County to KY 7 near Sandy Hook in Elliott County.

First and foremost, this section of highway is a major access road for literally hundreds of employees, students, parents and other visitors to Morehead State University on a daily basis. In fact, the highway's alignment often is a major reason for late arrivals and/or absenteeism by our employees and students during icy and foggy weather conditions.

Those involved in the University's efforts to promote cultural heritage tourism in this area have reported to me that tour buses coming through Morehead are reluctant to use that road for access to Laurel Gorge and Grayson Lake because of the frequency of passenger motion sickness resulting from the switchback curves. We also are concerned that emergency response vehicles are at greater risk when traveling that section of highway with medical patients headed to St. Claire Regional Medical Center here in Morehead.

Whenever I drive that highway I worry about the absence of shoulders wide enough for a vehicle to get out of the traffic flow if you became stalled or broken down. I am aware that many travelers are using two longer alternate routes to get from Sandy Hook to Morehead rather than use KY 32.

Morehead State University will be represented at the public meeting at Elliottville Baptist Church on July 31 because we want to urge the Cabinet to develop plans to improve this section of highway as soon as possible. We realize that there may be topographic and environmental issues to be





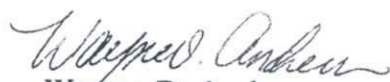
considered but the safety and convenience of the motoring public should be a clear priority. Also, reducing the travel time between these two communities can result in expanded economic opportunities, especially agritourism, ecotourism and cultural heritage tourism on both ends of this section of KY 32. An ideal solution would be to create a modern, safe highway that could serve as a scenic byway to take advantage of the natural beauty of that area.

We also feel strongly that improving KY 32 will encourage more students from Elliott and Carter counties to commute to our Morehead campus to complete four-year college degrees, a statewide educational goal for the Commonwealth.

Finally, it is apparent to me after nearly four years of residence in Kentucky that the inadequacies of this highway and others like it are formidable barriers to progress in rural communities of East Kentucky.

Please know that we sincerely appreciate the opportunity to comment on this important work of the Transportation Cabinet.

Sincerely,

  
Wayne D. Andrews  
President

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JUL 31 2008



Telephone: (606)743-3121  
Facsimile: (606)743-3635  
Post Office Box 399  
West Liberty, Ky. 41472-0399

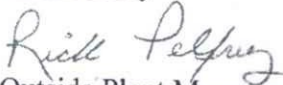
July 28, 2008

Steve Ross, P.E.  
Division of Planning  
Kentucky Transportation Cabinet  
200 Metro St. 5<sup>th</sup> Floor  
Frankfort, Ky. 40622

Mr. Ross,

Enclosed is a lost of Mountain Telephone Facilities in proximity of planned construction of Highway 32 in Elliott County. If you have any question feels free to give me a call.

Regards  
Rick Pelfrey

  
Outside Plant Manager

*Your Rural  
Cooperative*  




The following is a list of Mountain Telephone Facilities in proximity of planned construction of Highway 32 in Elliot County.

JCT Hwy 32 & Hwy 7 to MM 8 Hwy 32: 300-24=700'; 24 fiber = 900';  
100-24 = 3,750'; 3 poles; 5 pedestals

MM 8 to MM 7: 15 poles; 75-24 = 5,120'; 12-24 = 1,700'

MM 7 to MM 6: 16 poles; 50-24 = 5,050'; 25-24 = 5,050'; 12-24 = 1,360'

MM 6 to MM 5: 21 poles; 75-24 = 3,290'; 50-24 3,080'; 12-24 = 910'; 6 pedestals

MM 5 to MM 4: 15 poles; 100-24 = 5,490'; 4 pedestals

MM 4 to MM 3: 100-24 = 2,100'; 150-24 = 3,050'; 400-24 = 1,010'; 12 fiber = 4,900';  
12 pedestals; 1 remote carrier

MM 3 to MM 2: 75-24 = 5,200'; 50-24 = 5,620'; 12 fiber = 5,100'; 9 pedestals; 6 poles

MM 2 to MM 1: 100-24 = 5,500'; 12-24 = 1,100'; 12 fiber = 5,010'; 17 pedestals

MM 1 to MM 0: 75-24 = 5,100'; 25-24 = 1,800'; 100-24 = 3,700'; 12 fiber = 6,000';  
16 pedestals; 10 poles; 1 remote carrier

Mountain Telephone  
Rick Pelfrey, OSPM

United States Department of Agriculture



Natural Resources Conservation Service  
771 Corporate Drive, Suite 210  
Lexington, KY 40503-5479

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JUL 31 2008

July 29, 2008

Steve Ross, P.E.  
Transportation Engineer Branch Manager  
Division of Planning, Kentucky Transportation Cabinet  
200 Mero Street, 5<sup>th</sup> Floor, Frankfort, KY 40622

RE: Planning Study, Rowan and Elliot Counties, KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook, Item No.

Dear Mr. Ross:

In regards to the above study, the USDA-Natural Resources Conservation Service (NRCS) is concerned with potential impacts that the proposed project might have upon prime farmland soils and additional farmlands of statewide importance. If federal dollars are to be used to convert important farmlands from agricultural uses to non-agricultural uses a Form AD-1006 (or Form NRCS-CPA-106 if the project is a corridor type project) must be submitted to the local NRCS office. These forms may be obtained from the local NRCS office and are also available as electronic forms on the web at [http://www.nrcs.usda.gov/programs/fppa/pdf\\_files/AD1006.PDF](http://www.nrcs.usda.gov/programs/fppa/pdf_files/AD1006.PDF) and [http://www.nrcs.usda.gov/programs/fppa/pdf\\_files/CPA106.pdf](http://www.nrcs.usda.gov/programs/fppa/pdf_files/CPA106.pdf).

Enclosed is a CD containing ArcView GIS shapefiles of soils information for the counties within the study area. The GIS shapefiles are in UTM projection, nad83, zone 17. The soil database table includes a column for "farmland classification-all components" (farmclac) that identifies prime farmlands and soils of statewide importance. A legend file has been provided (farmland\_classif.avl), which may be used with GIS software to more clearly display the soils that are considered prime farmlands and soils of statewide importance.

The NRCS contact person for Rowan County is Curtis Rosser, District Conservationist, Marty McCleese 606-738-6222 or 606-743-3194. Mr. Rosser and/or Mr. McCleese can assist in identifying important farmlands in the proposed project area.

Sincerely,

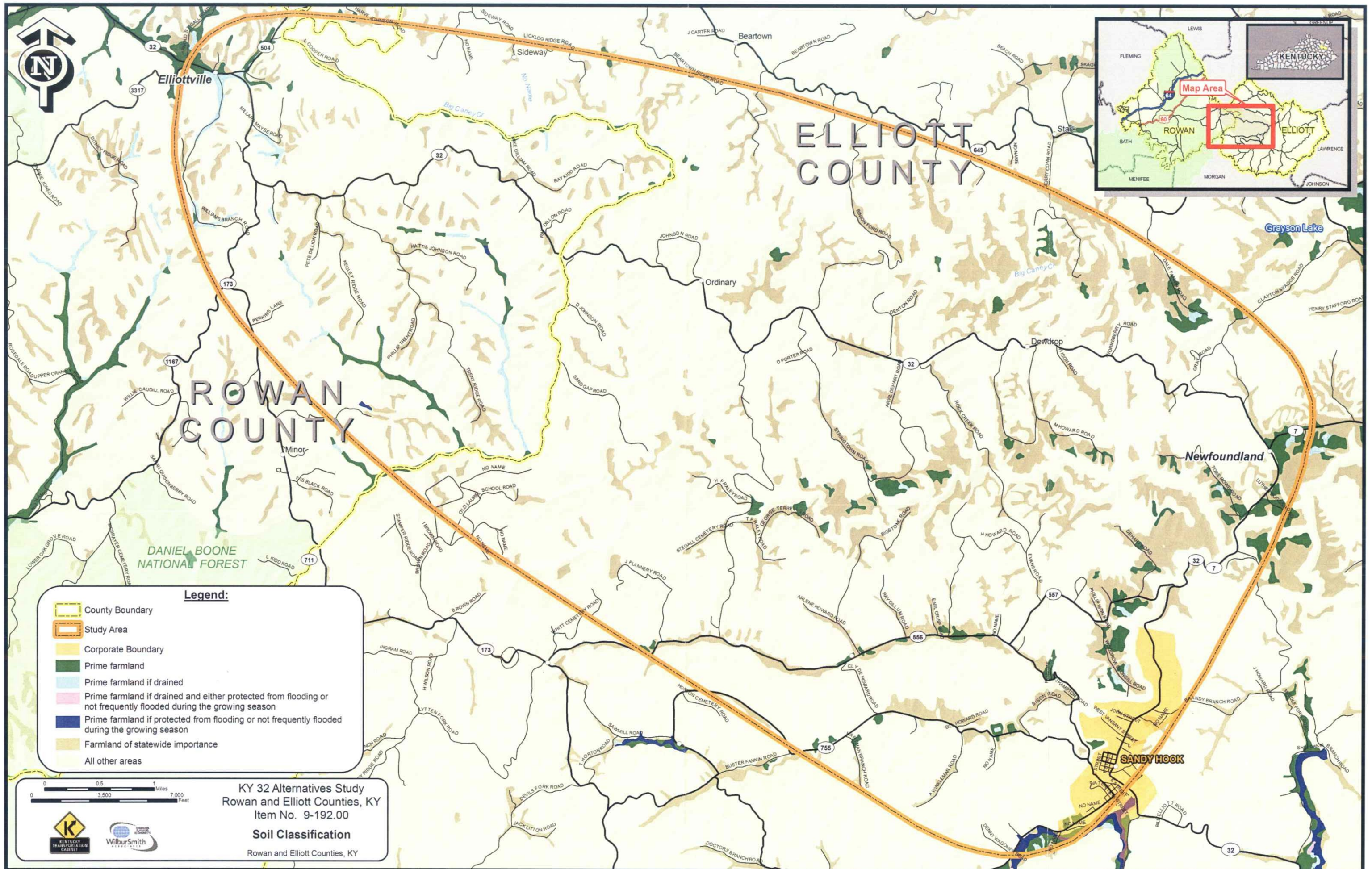
A handwritten signature in dark ink, appearing to read "William A. Craddock".

WILLIAM CRADDOCK  
Aging State Conservationist

Enclosure: CD (1)

cc: Robert Bradley, ASTC/FO, NRCS Lexington, KY  
Curtis Rosser, District Conservationist, Fleming, KY  
Marty McCleese, District Conservationist, West Liberty, KY









## *Sandy Hook Water District*

P.O. Box 726, Sandy Hook, KY 41171

(606) 738-6282

Fax: (606) 738-6292

shwd@mrtc.com

RECEIVED

JUL 21 2008

Steve Ross  
P.E.  
Transportation Engineer Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, KY 40622

Dear Mr. Ross:

This letter is in response to a request for our input regarding the proposed highway project for KY Route 32 in Elliott and Rowan Counties. Let me start off by saying that we fully support this project. The poor state of current roads drastically impacts the lives of Elliott Countians, making access to jobs, stores and medical care much more difficult.

Although we feel it necessary to preserve the natural beauty of the area, the safety of its residents must take priority. The frequency and quantity of automobile accidents along Route 32 attest to the danger. The curves and hills also make it difficult for emergency response vehicles such as fire engines, ambulances and police cruisers to respond in a timely manner.

The Sandy Hook Water District currently has main water lines from Sandy Hook down Route 7 to the Little Sandy Correctional Facility, and from Route 7 down Route 32 to the Rowan County line. All of these lines are within a few feet of the current road, therefore any relocation of the road could affect our supply lines. As a result, it may be necessary to relocate the affected lines.

For more information, or if you have questions or concerns, please contact Judy Stinson, General Manager, at (606) 738-6282. Thank you.

Sincerely,

Nicole Winkleman



**Hulse, Dona**

**From:** Daniell, Robert (EEC) [Robert.Daniell@ky.gov]  
**Sent:** Tuesday, July 22, 2008 8:02 AM  
**To:** Gilbert, George (EEC)  
**Cc:** Baase, Dawn (EEC)  
**Subject:** FW: Transportation Cabinet Elliot Co. Study 9-192.00

Rob Daniell, Manager  
 Underground Storage Tank Branch  
 81 C. Michael Davenport Blvd.  
 Frankfort, KY 40601  
 (502) 564-5981

**From:** Baase, Dawn (EEC)  
**Sent:** Tuesday, July 22, 2008 8:00 AM  
**To:** Daniell, Robert (EEC)  
**Subject:** FW: Transportation Cabinet Elliot Co. Study 9-192.00

UST Branch sends the following comments regarding Item No. 9-192.00:

The USTB identified thirteen facilities with a total of 42 registered underground storage tanks. There are also 2 underground storage tanks that are not regulated by the UST Branch and are listed as exempt. Out of the 42 registered underground storage tanks, 24 have been removed and 18 are active. There are three facilities currently undergoing corrective actions within the project area due to soil and/or groundwater contamination (AI 58118, 62266, and 62274).

Rec	AI_ID	AI_NAME	X_COORD	Y_COORD	USER_GROUP	ALT_AI_ID	UST_ACTIVE	UST_CLOSED
1	992	Elliott Co State Maintenance Garage	-83.101111	38.125	UST ID Number	838032	0	
2	993	Lakeside Elementary School	-83.090833	38.134722	UST ID Number	1666032	0	
3	58118	Roe Grocery	-83.275098	38.182539	UST ID Number	9536103	1	
4	58129	Trents Grocery	-83.269722	38.168333	UST ID Number	338103	3	
5	58166	McBrayer Grocery & Farm Supply	-83.26593	38.16904	UST ID Number	1040103	4	
6	62257	Three Warne Pennies LLC	-83.118546	38.098397	UST ID Number	2772032	5	
7	62261	Fast Lane No 12	-83.1245	38.088111	UST ID Number	1011032	2	
8	62266	Kegleys Grocery	-83.1152778	38.16305556	UST ID Number	20002541	0	
9	62272	Robos Country Cabin	-83.125416	38.092099	UST ID Number	3351032	0	
10	62273	Rt 7 & 32 Quick Stop	-83.099167	38.131667	UST ID Number	1009032	3	
11	62274	Sandy Hook Elementary	-83.128889	38.0852778	UST ID Number	1001032	0	
12	65451	Wheeler & Faulkner	-83.12416	38.08771	UST ID Number	9089032	0	
13	70017	Old Shelton Store	-83.1006	38.1344	UST ID Number	10000526	0	Exempt -

Please notify the UST Branch if additional information is required.

*Dawn Langford Baase*

9/2/2008

*AEI Section, USTB*  
Division of Waste Management  
81 C. Michael Davenport Blvd  
Frankfort, KY 40601  
phone: 502-564-5981 ext. 250  
fax: 502-564-5047

---

**From:** Daniell, Robert (EEC)  
**Sent:** Tuesday, July 15, 2008 8:51 AM  
**To:** Baase, Dawn (EEC)  
**Subject:** FW: Transportation Cabinet Elliot Co. Study

Rob Daniell, Manager  
Underground Storage Tank Branch  
81 C. Michael Davenport Blvd.  
Frankfort, KY 40601  
(502) 564-5981

---

**From:** Gilbert, George (EEC)  
**Sent:** Tuesday, July 15, 2008 8:46 AM  
**To:** Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Daniell, Robert (EEC); Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Sherkat, Fazi (EEC); Webb, April (EEC)  
**Subject:** Transportation Cabinet Elliot Co. Study

Please review the Elliot County planning study on:

V:\Dwm\_Share\Planning Studies

and forward comments to me by COB Tue., July 22. Thx.

Sincerely,

*George F. Gilbert, P.E.*  
Environmental Engineer Consultant  
Director's Office  
Division of Waste Management  
Department for Environmental Protection  
Energy and Environment Cabinet  
14 Reilly Rd.  
Frankfort KY 40601  
(502) 564-6716  
(502) 564-8158, ext. 217 Direct Dial  
(502) 598-9860 Mobile  
(502) 564-4049 FAX

9/2/2008



**Hulse, Dona**

---

**From:** York, Duke (EEC) [Duke.York@ky.gov]  
**Sent:** Tuesday, July 15, 2008 10:01 AM  
**To:** Gilbert, George (EEC)  
**Cc:** Maybriar, Jon (EEC)  
**Subject:** FW: Transportation Cabinet Elliot Co. Study

All solid waste generated by the relocation of KY 32 in Rowan and Elliott Counties must be disposed at a permitted facility. If underground storage tanks are encountered they must be properly addressed. If asbestos, lead paint and/or other contaminants are encountered they must be addressed in accordance with the relevant regulations and statutes.

---

**From:** Maybriar, Jon (EEC)  
**Sent:** Tuesday, July 15, 2008 9:12 AM  
**To:** York, Duke (EEC)  
**Subject:** FW: Transportation Cabinet Elliot Co. Study

---

**From:** Gilbert, George (EEC)  
**Sent:** Tuesday, July 15, 2008 8:46 AM  
**To:** Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Daniell, Robert (EEC); Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Sherkat, Fazi (EEC); Webb, April (EEC)  
**Subject:** Transportation Cabinet Elliot Co. Study

Please review the Elliot County planning study on:

V:\Dwm\_Share\Planning Studies

and forward comments to me by COB Tue., July 22. Thx.

Sincerely,

*George F. Gilbert, P.E.*

Environmental Engineer Consultant  
Director's Office  
Division of Waste Management  
Department for Environmental Protection  
Energy and Environment Cabinet  
14 Reilly Rd.  
Frankfort KY 40601  
(502) 564-6716  
(502) 564-8158, ext. 217 Direct Dial  
(502) 598-9860 Mobile  
(502) 564-4049 FAX

george.gilbert@ky.gov

9/11/2008

**Hulse, Dona**

---

**From:** Cooley, Tony (EEC) [Tony.Cooley@ky.gov]  
**Sent:** Thursday, July 17, 2008 1:09 PM  
**To:** Gilbert, George (EEC)  
**Subject:** RE: Transportation Cabinet Elliot Co. Study

I have nothing in my database with coordinates within the study area.

---

**From:** Gilbert, George (EEC)  
**Sent:** Tuesday, July 15, 2008 8:46 AM  
**To:** Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Daniell, Robert (EEC); Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Sherkat, Fazi (EEC); Webb, April (EEC)  
**Subject:** Transportation Cabinet Elliot Co. Study

Please review the Elliot County planning study on:

V:\Dwm\_Share\Planning Studies

and forward comments to me by COB Tue., July 22. Thx.

Sincerely,

*George F. Gilbert, P.E.*

Environmental Engineer Consultant  
Director's Office  
Division of Waste Management  
Department for Environmental Protection  
Energy and Environment Cabinet  
14 Reilly Rd.  
Frankfort KY 40601  
(502) 564-6716  
(502) 564-8158, ext. 217 Direct Dial  
(502) 598-9860 Mobile  
(502) 564-4049 FAX

george.gilbert@ky.gov



**Hulse, Dona**

---

**From:** Burton, Dale (EEC) [Dale.Burton@ky.gov]  
**Sent:** Tuesday, July 15, 2008 4:11 PM  
**To:** Webb, April (EEC); Gilbert, George (EEC)  
**Subject:** RE: Transportation Cabinet Elliot Co. Study

There are no hazardous waste treatment, storage or disposal facilities in the area; therefore, I have no comments.

---

**From:** Webb, April (EEC)  
**Sent:** Tuesday, July 15, 2008 8:46 AM  
**To:** Burton, Dale (EEC)  
**Subject:** FW: Transportation Cabinet Elliot Co. Study

*April J. Webb PE, Manager*

*Hazardous Waste Branch*

14 Reilly Road

Bldg 6

Frankfort, KY 40601

(502)564-6716 ext 676

---

**From:** Gilbert, George (EEC)  
**Sent:** Tuesday, July 15, 2008 8:46 AM  
**To:** Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Daniell, Robert (EEC); Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Sherkat, Fazi (EEC); Webb, April (EEC)  
**Subject:** Transportation Cabinet Elliot Co. Study

Please review the Elliot County planning study on:

V:\Dwm\_Share\Planning Studies

and forward comments to me by COB Tue., July 22. Thx.

Sincerely,

*George F. Gilbert, P.E.*

Environmental Engineer Consultant

Director's Office

Division of Waste Management

Department for Environmental Protection

Energy and Environment Cabinet

14 Reilly Rd.

Frankfort KY 40601

(502) 564-6716

(502) 564-8158, ext. 217 Direct Dial

(502) 598-9860 Mobile

(502) 564-4049 FAX

[george.gilbert@ky.gov](mailto:george.gilbert@ky.gov)



Hulse, Dona

---

**From:** Webb, April (EEC) [April.Webb@ky.gov]  
**Sent:** Thursday, July 24, 2008 2:09 PM  
**To:** Gilbert, George (EEC)  
**Subject:** FW: Transportation Cabinet Elliot and Rowan Co. Study

*April J. Webb PE, Manager*

*Hazardous Waste Branch*

14 Reilly Road  
Bldg 6  
Frankfort, KY 40601  
(502)564-6716 ext 676

---

**From:** Burton, Dale (EEC)  
**Sent:** Thursday, July 24, 2008 1:34 PM  
**To:** Webb, April (EEC)  
**Subject:** RE: Transportation Cabinet Elliot and Rowan Co. Study

I don't know of any TSD facilities in Elliott or Rowan Counties, so I have no comments.

---

**From:** Webb, April (EEC)  
**Sent:** Wednesday, July 23, 2008 12:03 PM  
**To:** Burton, Dale (EEC)  
**Subject:** FW: Transportation Cabinet Elliot and Rowan Co. Study

*April J. Webb PE, Manager*

*Hazardous Waste Branch*

14 Reilly Road  
Bldg 6  
Frankfort, KY 40601  
(502)564-6716 ext 676

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**From:** Gilbert, George (EEC)  
**Sent:** Wednesday, July 23, 2008 11:17 AM  
**To:** Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Daniell, Robert (EEC); Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Sherkat, Fazi (EEC); Webb, April (EEC)  
**Subject:** RE: Transportation Cabinet Elliot and Rowan Co. Study

I just noticed that a large portion of the study area is in Rowan Co. Did everyone include this? Let me know by Fri. COB. Thx.

9/2/2008





Selected Report Condition(s):

Al County = 'Rowan'

AI ID	AI Name	SI County	AAZZ#	SI Desg	SI Decri	Regulat	Site Sta	Closure	Closure Dt	SI Long.	SI Lat.	AI Addr	AI Addr	AI City	AI St	AI Zip	AI Lat	AI Long	AI Coun	SI Addr Line 1	SI Addr	SI City	SI St	SI Zip
48927	TN Gas Pipeline - Station 110	Rowan	1	20118	TENNE	Federal	Closed	Option C	05/30/2001	-83.40080	38.28720	7600 Cranston F	Morehe: KY	40351	38.285856	-83.401385	Rowan	KY 377			Morehe: KY		40351	
51751	Downtown BP Inc	Rowan	1	33686	DOWN	Petrole	Closed	Option /	09/01/1998	-83.43278	38.18389	335 W Main St	Morehe: KY	40351	38.178801	-83.437481	Rowan	MAIN STREET			Morehe: KY			
52303	Stacy Farm		1	17840	STACY	State St	Active					NONE	NONE	KY	NONE				Rowan	NONE				
53649	Parcel 55		1	20697	PARCE	State St	Closed	Option C	09/28/1992	-83.43278	38.18389	Parcel 55	Morehe: KY	40351	38.183890	-83.432780	Rowan	NONE						
53588	CTL Trucking		1	49982	CTL TR	State St	Closed	Option /	09/28/1998	-83.43278	38.18389	I 64	Morehe: KY	40351	38.183890	-83.432780	Rowan	NONE						
52301	Emerson Industrial Automation - Sealmaster Bearings		1	17782	EMERS	State St	Active					101 Sealmaster	Morehe: KY	40351	38.155556	-83.450833	Rowan	NONE						
43404	Williams Nickell Oil Co		1	20588	WILLIA	State St	Manage	Option E	02/12/2001	-83.43278	38.18389	237 E 1st St	Morehe: KY	40351				Rowan	NONE					
48927	TN Gas Pipeline - Station 110	Rowan	2	58356	TGPL C	State St	Active			-83.40139	38.28586	7600 Cranston F	Morehe: KY	40351	38.285856	-83.401385	Rowan	7600 Cranston Road			Morehe: KY		40351	
53492	Caudill Tire Co	Rowan	1	13107	CAUDIL	State St	Closed	Option C	02/21/2001	-83.42554	38.18941	US 60	Morehe: KY	40351	38.189413	-83.425536	Rowan	1022 East Main Street (US 60)			Morehe: KY		40351	
53267	Scotts Creek Marina Drum		1	20655	SCOTT	State St	Closed	Option C	10/05/1994	-83.43278	38.18389	UNKNOWN	UNKNO KY	00000				Rowan	NONE					
52300	Morehead Mercury		1	58565	MOREH	State St	Closed	Option C	12/26/2001	-83.43278	38.18389	None	Morehe: KY	40351	38.183890	-83.432780	Rowan	NONE						
53513	Morehead Bypass - Rowan Co		1	20483	MOREH	State St	Closed	Option C	03/04/1994	-83.43278	38.18389	Morehead Bypas	Morehe: KY	40351	38.183890	-83.432780	Rowan	NONE						
53610	Bangor Boat Dock Drum		1	20656	BANGO	State St	Closed	Option C	10/05/1994	-83.43278	38.18389	Bangor Boat Dock	Morehe: KY	40351	38.183890	-83.432780	Rowan	NONE						
48802	Chadwell Dump Site		1	20465	CHADW	State St	Closed	Option C	10/05/1994	-83.43278	38.18389	Christy Creek Rd	Morehe: KY	40351	38.184444	-83.301389	Rowan	NONE						
51752	Imperial Cleaners	Rowan	1	50122	IMPERI	Petrole	Closed	Option C	09/03/1998	-83.43315	38.18254	155 E 1st St	Morehe: KY	40351	38.182510	-83.433055	Rowan	155 E. 1st Street			Morehead (Row	40351		
52642	Braugher Co		1	20587	BRAUG	Petrole	Closed	Referre	02/25/1994	-83.43278	38.18389	UNKNOWN	UNKNO KY	00000				Rowan	NONE					
70741	Morehead Field Office Lab Packs	Rowan	1	Historic	Closed	State St	Closed	Option C	04/04/2005	-83.00667	38.00306	S Tolliver Rd	Morehe: KY	40351	38.186944	-83.409722	Rowan	South Tolliver Road			Morehe: KY		40351	
84324	Morehead Mercury Removal	Rowan	1	Chemic	KY DOV	State St	Closed	Option C	04/17/2007	-83.40000	38.18333	344 Christy Cree	Morehe: KY	40351	38.192500	-83.403611	Rowan	344 Christy Creek Road			Morehe: KY		40351	
97810	Rowan Co Weigh Station I 64 #1036	Rowan	1	KTC Pr	Closed	State St	Closed	Option /	09/17/2007	-83.34722	38.27583	I-64 E MM 148	Morehe: KY	40351				Rowan	I-64 East	MM148	Morehe: KY		40351	
97811	Rowan Co Weigh Station I 64 #1037	Rowan	1	KTC Pr	Closed	State St	Closed	Option /	09/17/2007	-83.34694	38.27722	I-64 W MM 148	Morehe: KY	40351				Rowan	I-64 West	MM148	Morehe: KY		40351	
97809	I 64 W #1039 Rest Area - Rowan Co	Rowan	1	KTC Pr	Closed	State St	Closed	Option /	09/17/2007	-83.44333	38.23083	I-64 W MM 136	Morehe: KY	40351				Rowan	I-64 West	MM 136	Morehe: KY		40351	
97808	I 64 E #1038 Rest Area - Rowan Co	Rowan	1	KTC Pr	Closed	State St	Closed	Option /	09/17/2007	-83.43861	38.23639	I-64 E MM 136	Morehe: KY	40351				Rowan	I-64 East	MM 136	Morehe: KY		40351	
3870	Rowan Co Maintenance Garage	Rowan	3	KTC Pr	92 MOA	State St	Active			-83.47640	38.19957	324 Fler KY 32	Morehe: KY	40351	38.199747	-83.477092	Rowan	324 Flemingsburg Road			Morehe: KY		40351	
97922	Former Morehead Regional Office	Rowan	1	Historic	Old lab	State St	Closed	Option C	09/06/2007	-83.40766	38.19503	200 Christy Cree	Morehe: KY	40351	38.195034	-83.407659	Rowan	200 Christy Creek Rod			KY Hwy	Morehe: KY	40351	
98697	Partin Street Drug Lab	Rowan	1	Meth La	Partin S	State St	Closed	Option C	12/05/2007	-83.43482	38.15661	165 Partin St	Clearfiel KY	40351	38.156610	-83.434820	Rowan	165 Partin Street			Clearfiel KY		40391	

Total Number of Records Returned: 25

## Hulse, Dona

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**From:** Witt, Thomas (KYTC) [Thomas.Witt@ky.gov]  
**Sent:** Friday, August 15, 2008 8:13 AM  
**To:** Dixon, Carl Douglas; HarrisMiller, Deanna (KYTC-D09); Martin, David (KYTC); Spencer, Amanda R.; Wells, Brent (KYTC-D09); Wright, Samantha J  
**Subject:** Agency Coordination Resposne for KY 32

-----Original Message-----

From: Ross, Steve (KYTC)  
Sent: Thursday, August 14, 2008 11:18 AM  
To: Witt, Thomas (KYTC)  
Cc: Martin, David (KYTC)  
Subject: FW: Planning Study, Rowan and Elliott Counties, KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook, Item No. 9-192.00

-----Original Message-----

From: Wilkins, Joe N MR NGKY [mailto:joe.wilkins@us.army.mil]  
Sent: Friday, July 25, 2008 10:23 AM  
To: Ross, Steve (KYTC)  
Cc: Jones, Michael A NGKY COL(R)  
Subject: Planning Study, Rowan and Elliott Counties, KY 32 from KY 504 in Elliottville to KY 7 near Sandy Hook, Item No. 9-192.00

Mr Ross,

The Department of Military Affairs can not identify any issues or concerns that affect the development of subject project.

Joe N. Wilkins  
Director, Facilities Division  
Department of Military Affairs  
Boone National Guard Center  
Frankfort, KY 40601-6168  
502-607-6535  
DSN 667-6535  
502-382-7270 (Cell)  
502-607-1270 (Fax)  
Joe.Wilkins@us.army.mil





DEPARTMENT OF THE ARMY  
HUNTINGTON DISTRICT, CORPS OF ENGINEERS  
502 EIGHTH STREET  
HUNTINGTON, WEST VIRGINIA 25701-2070

Planning, Programs and Project Management Division  
Plan Formulation Section

JUL 31 2008

RECEIVED

AUG 06 2008

Mr. Steve Ross, P.E.  
Transportation Engineer Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Metro Street, 5<sup>th</sup> Floor  
Frankfort, Kentucky 40622

Dear Mr. Ross:

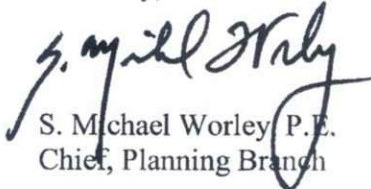
I refer to the letter of July 10, 2008, from Mr. Ernest Polley, concerning a highway planning study for Rowan and Elliot Counties for KY 32 and KY 504 in Elliottville to KY 7 near Sand Hook.

We have reviewed the information that you enclosed with your letter and appreciate the opportunity to comment on this matter. We provide the following comments for this action:

- Road projects and improvements tend to increase storm water discharge significantly. A hydrology study is recommended showing how the project may affect FEMA's Flood Insurance Rate Map (FIRM) for the project area. Also, recommended is a hydrology study of the as-built project incorporated into the existing FEMA FIRM;
- An easement may be required at a later date if any of the property to be acquired is determined to belong to the United States;
- Please keep the Huntington District informed as to changes in alignment and progress as there will likely be permitting actions under the Section 404 program required.

I trust that this information will be useful in your considerations. If you have any questions regarding this information, please contact Mr. Clyde Campbell, Plan Formulation Section, at 304-399-5825.

Sincerely,

  
S. Michael Worley P.E.  
Chief, Planning Branch

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)269-2378  
Fax: (314)269-2737  
Email:

16591.1/KY 32  
July 29, 2008

RECEIVED

AUG 07 2008

Mr. Steve Ross  
Transportation Branch Manager  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero St., 5<sup>th</sup> Floor  
Frankfort, KY 40622

Subj: KY 32 IMPROVEMENT PROJECT, ROWAN AND ELLIOTT COUNTIES

Dear Mr. Ross:

Please refer to your correspondence of July 10, 2008. We have determined that the subject project does not involve bridges over navigable waters of the United States. 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 black ink, appearing to read "R. K. Wiebusch".

ROGER K. WIEBUSCH

Bridge Administrator

By direction of the District Commander