

APPENDIX C:
AGENCY CORRESPONDENCE

Richardson, Jason R (KYTC-D05)

From: Wilkins, Joe N MR NGKY [joe.wilkins@us.army.mil]
Sent: Friday, March 09, 2007 11:16 AM
To: Richardson, Jason R (KYTC-D05)
Subject: KY 155, Jefferson County, Taylorsville Rd and KY1819, Jefferson County, Billtown Road Scoping Projects

Mr. Richardson,

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

Joe N. Wilkins
Director, Facilities Division
Boone National Guard Center
Frankfort, KY 40601-6168
502-607-1535
DSN 667-1535
502-382-7270 (Cell)
502-607-1270 (Fax)
Joe.Wilkins@ky.ngb.army.mil

Richardson, Jason R (KYTC-D05)

From: Olszowy, Diana (EPPC DNR DOF)
Sent: Friday, March 09, 2007 12:19 PM
To: Richardson, Jason R (KYTC-D05)
Subject: Scoping study for taylorsville road widening project

These comments serve as an environmental assessment of the Taylorsville Road widening project being initiated in Jefferson County. There are currently no state forests or champion trees located in the project study area. However, special care should be taken around existing trees that will remain after the construction is complete. Heavy equipment should be kept away from the base of the tree to prevent wounding of the trunk or surface roots. Construction traffic should be routed away from the dripline of the tree to lessen the severity of soil compaction. Compacted soil reduces the amount of water available to the tree, and this lack of water can cause added stress. Stressed trees are vulnerable to insect and disease infestation.

Diana Olszowy
Kentucky Division of Forestry
diana.olszowy@ky.gov



JUSTICE AND PUBLIC SAFETY CABINET

Ernie Fletcher
Governor

Kentucky Vehicle Enforcement
Frankfort, Kentucky 40601

BG Norman E. Arflack
Secretary

Gregory G. Howard
Commissioner

March 14, 2007

Mr. Matt Bullock, P.E.
Chief District Engineer
Kentucky Transportation Cabinet
PO Box 37090
Louisville, KY 40233

Dear Mr. Bullock:

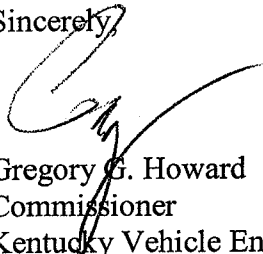
I am in receipt of your request for our agency's comments in regards to a planning study for improvements to the Taylorsville Road (KY 155) corridor in Jefferson County.

According to the information you provided, it appears the road upgrade is appropriate and needed. I can see no negative impact regarding the improvements and no impacts concerning Kentucky Vehicle Enforcement.

If you have any questions, please do not hesitate to contact our office.

Please note that our correct address is 125 Holmes Street, 3rd Floor, Frankfort, KY 40601.

Sincerely,


Gregory G. Howard
Commissioner
Kentucky Vehicle Enforcement

c: Major Phillip Frazier
Captain Mary Smalley

Ernie Fletcher
Governor



Jason

Teresa J. Hill
Secretary

COMMONWEALTH OF KENTUCKY
ENVIRONMENTAL AND PUBLIC PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION FOR AIR QUALITY
803 SCHENKEL LANE
FRANKFORT, KY 40601-1403

March 9, 2007

Matt Bullock, P.E.
Chief District Engineer
Department of Highways District 5 Office
977 Phillips Lane
Louisville, Ky. 40233

RECEIVED

MAR 15 2007

D/C PLANNING

Re: Planning Study, Jefferson County, Taylorsville Road (KY155) Scoping Study
Planning Study, Jefferson County, Billtown Road (KY1819) Scoping Study

Dear Mr. Bullock:

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

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

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.

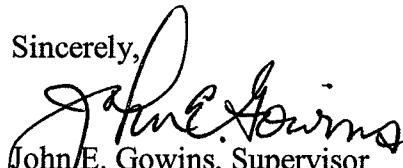
The Division also suggests an investigation into compliance with applicable local government regulations.



Mr. Matt Bullock
Page 2

If there are any questions relating to this matter, please contact me at (502) 573-3382 Ext. 347.

Sincerely,



John E. Gowins, Supervisor
Evaluation Section
Program Planning and
Administration Branch
Division for Air Quality



UNIVERSITY OF KENTUCKY

Jason

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

March 15, 2007

Mr. Matt Bullock, P.E.
Chief District Engineer
Kentucky Transportation Cabinet
P.O. Box 37090
Louisville, Kentucky 40233

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MAR 20 2007
D/5 PERMIT

Dear Mr. Bullock:

This letter is to summarize any geologic concerns for the planning study:
Jefferson County
Taylorsville Road (Ky. 155) Scoping Study

Physiographic Region

The study area is located on the outer edge of the Outer Bluegrass physiographic region, which is underlain by limestone, dolomite, shale, silty shale, dolomitic mudstone, mudstone, gravel, sand, silt, and clay.

Karst Potential

The study area might encounter karst features such as sinkholes. They are locally common in the upper part of the Saluda Dolomite Member, and at the contact of the Bardstown and Rowland Members, and in the Rowland Member. Sinkholes indicate possible cavernous conditions that may result in engineering problems.

Landslide Potential

The study area would not encounter units that would be prone to landslides.

Unconsolidated Sediments

The study area would encounter unconsolidated sediments in drainage areas.

Resource Conflicts

The study area would not encounter any resource conflicts such as prior ownership of property for quarrying or mining. Some inactive or abandoned limestone mines might be in the area.



Materials Suitability

The study area would encounter rock units that would be suitable for construction stone such as the Saluda Dolomite Member and the Rowland Member. The Saluda Dolomite Member contains ledges that might have high clay content and when exposed to the weather may expand and decompose. Testing of this unit would be recommended. Roads built on the base of the Laurel Dolomite, and on limestone beds immediately above thick shale sections in the Rowland Member, on thick calcarenite units in the Grant Lake Limestone might come across the issue of springs.

Fault Potential

The study area would not encounter any faulted areas.

Earthquake Ground Motions

The study area has a probable peak ground acceleration due to earthquake ground motion of 0.09g. There would be a low 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 written in a cursive, somewhat stylized script.

Richard A. Smath
Geologist



**COMMERCE CABINET
KENTUCKY HERITAGE COUNCIL**

Ernie Fletcher
Governor

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

George Ward
Secretary

April 10, 2007

Mr. Matt Bullock, PE
Chief District Engineer
Kentucky Transportation Cabinet
P.O. Box 37090
Louisville, KY 40233

Re: Planning Study, Taylorsville Road (KY 155) Scoping Study, Jefferson County

Dear Mr. Bullock:

The State Historic Preservation Office has received a request for comments regarding the above-referenced planning study. There are many cultural resources within the project area, including the National Register of Historic Places (NRHP) listed Tyler Rural Settlement Historic District, as well as many inventoried sites that have yet to be evaluated to be professional architectural historians. Additionally, there are a number of previously recorded archeological sites within the project corridor, and most of this area has never been surveyed by professional archaeologists.

Dependent up on the funding source, whether federally-funded or subject to Corps of Engineers permits, the Section 106 Review Process must be completed. A full survey of both archaeological and cultural resources should be conducted and submitted to this office for review, via the KYTC Central Office Division of Environmental Analysis.

We look forward to reviewing the archaeological and cultural resource reports. If you have questions regarding these comments, please contact Janie-Rice Brother of my staff at (502) 564-7005, extension 121.

Sincerely,

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

Cc: David Waldner, KYTC-DEA
Amanda Abner, KYTC-DEA



KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES
COMMERCE CABINET

Ernie Fletcher
Governor

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

George Ward
Secretary

Dr. Jonathan W. Gassett
Commissioner

April 16, 2007

Matt Bullock, P. E.
Chief District Engineer
Kentucky Transportation Cabinet
P. O. Box 37090
Louisville, KY 40233

RECEIVED
APR 19 2007
D/S CABINET

Subject: Planning Study
Jefferson County
Taylorsville Road (KY 155) Scoping Study

Dear Mr. Bullock:

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 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. Male Indiana bats have been observed roosting in trees as small as 3 inches DBH. 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. However, if any Indiana bat hibernacula are identified on the project area or are known to occur within 10 miles of the project area, we recommend the applicant only remove trees between November 15 and March 31 in order to avoid impacting Indiana bat "swarming" behavior.
- In areas where bats are known to occur, cave entrances, mine portals, and/or rock shelters that exist within the project area should be surveyed for potential use by such species as gray bats and Indiana bats. KDFWR recommends avoiding those areas that provide adequate habitat for bats.
- To minimize indirect impacts to aquatic resources strict erosion control measures should be developed and implemented prior to construction to minimize siltation into streams and storm water drainage systems 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.

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.

KDFWR 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 366.

Sincerely,



Doug Dawson
Wildlife Biologist III

Cc: Environmental Section File



**CABINET FOR HEALTH AND FAMILY SERVICES
FACILITIES MANAGEMENT DIVISION**

Ernie Fletcher
Governor

275 E. Main Street, 4E-C
Frankfort, KY 40621
(502) 564-6631
Fax: (502) 564-2608
www.chfs.ky.gov

Mark D. Birdwhistell
Secretary

April 17, 2007

Kentucky Transportation Cabinet
Dept. of Highways District 5 Office
Mr. Matt Bullock, P.E., Chief District Engineer
977 Phillips Ln.
P.O. Box 37090
Louisville, Ky. 40233

Subject: Jefferson County Planning Study
Taylorsville Road (KY151)

Mr. Bullock;

The Kentucky Transportation Cabinet has asked that we identify specific issues or concerns which may affect the development of a road improvement project in Jefferson County; the project would involve improvements in the Taylorsville Road (KY151) Corridor. We have reviewed the project location map, the existing area highway management system data, geometric and traffic characteristics of the existing highways, and crash analysis provided by your office.

The Cabinet for Health and Family Services does not lease or own property located within the Taylorsville Road Corridor; therefore, we do not anticipate or have any specific issues or concerns with regards to this proposed project.

Thank you for giving consideration to our facilities, staff, and clients.

Sincerely,


Robert W. Wright
Leased Properties Branch

Cc: file



ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

Ernie Fletcher
Governor

DEPARTMENT FOR ENVIRONMENTAL PROTECTION
14 REILLY ROAD
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-2150
FAX (502) 564-4245
www.dep.ky.gov

Teresa J. Hill
Secretary

Cheryl A. Taylor
Commissioner

April 16, 2007

Mr. Jason Richardson
Kentucky Transportation Cabinet
Department of Highways District 5 Office
P.O. Box 37090
Louisville, KY 40233

RECEIVED
APR 19 2007
DIS PERMIT

Re: Planning Study Jefferson County Taylorsville Road (KY 155) Scoping Study (SERO 2007-7)

Dear Mr. Richardson,

The Environmental and Public Protection 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.

The Kentucky agencies listed on the attached sheet have been provided an opportunity to review the above referenced report. Responses were received from 3 of the reviewing agencies that were forwarded a copy of the document. Comments were received from the Kentucky Divisions of Water, Waste Management, and Air Quality.

If you should have any questions, please contact me at (502) 564-2150, ext. 112.

Sincerely,

Larry C. Taylor
State Environmental Review Officer

Enclosures

**COMMONWEALTH OF KENTUCKY
STATE ENVIRONMENTAL REVIEW PROCESS**

Project Number: SERO 2007 -7

Scoping Document

Project Title:

Planning Study Jefferson County Taylorsville Road (KY 155) Scoping Study

The following Commonwealth of Kentucky agencies make up the State Environmental Review Process. Their response is listed below. Agencies that did not receive the document for review or did not respond are also noted.

REVIEWING AGENCIES:	RESPONSE:
Division of Water.....	COMMENTS ATTACHED
Division of Waste Management.....	COMMENTS ATTACHED
Division for Air Quality.....	COMMENTS ATTACHED
Department for Public Health.....	Not Sent for Review
Cabinet for Economic Development.....	Not Sent for Review
Department of Forestry.....	Not Sent for Review
Department of Parks.....	Not Sent for Review
Department of Agriculture.....	Not Sent for Review
Nature Preserves Commission.....	Not Sent for Review
Kentucky Heritage Council.....	Not Sent for Review
Division of Conservation.....	Not Sent for Review
Department for Natural Resources.....	Not Sent for Review
Department of Fish and Wildlife Resources....	Not Sent for Review
Transportation Cabinet.....	Not Sent for Review
Department for Military Affairs.....	Not Sent for Review

Division of Water Comments

Taylorsville Road (KY 1819) Scoping Study

Endorsement:

A request for review of the Planning Study for Jefferson County's Taylorsville Road (KY1819) Scoping Study was received on March 19, 2007. The Division of Water (DOW) completed this assessment review and found that the information provided warranted an endorsement of this project. Below are the comments that were received.

Water Quality Branch:

Endorse.

Groundwater:

Endorse.

Water Resources:

This project will not require a stream construction permit from the Division of Water. Endorse.

Enforcement Branch:

Endorse.

Division of Waste Management Comments

Project #: SERO 2007-7

All solid waste generated by this project 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 during this project, they must be properly addressed.

Division for Air Quality Comments

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

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