

**APPENDIX D:**  
**AGENCY CORRESPONDENCE**

**Richardson, Jason R (KYTC-D05)**

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**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)**

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**From:** Olszowy, Diana (EPPC DNR DOF)  
**Sent:** Friday, March 09, 2007 12:28 PM  
**To:** Richardson, Jason R (KYTC-D05)  
**Subject:** Environmental assessment for billtown road project

These comments serve as an environmental assessment of the Billtown 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. After construction is completed, consider replanting back suitable tree species that will meet with Louisville/Jefferson County's tree planting ordinance. A copy of their ordinance is available from the City Arborist's office.

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

RECEIVED  
MAR 19 2007  
D.S. PERMIT

Dear Mr. Bullock:

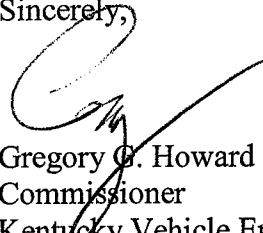
I am in receipt of your request for our agency's comments in regards to a planning study for improvements to the Billtown Road (KY 1819) corridor in Jefferson County.

According to the information you provided, it appears there is an above average number of crashes on KY 1819, especially between Shady Acres Lane and Laurelynn Court. 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, 3<sup>rd</sup> Floor, Frankfort, KY 40601.

Sincerely,

  
Gregory G. Howard  
Commissioner  
Kentucky Vehicle Enforcement

c: Major Phillip Frazier  
Captain Mary Smalley

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)

March 15, 2007

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

RECEIVED  
MAR 20 2007  
D/5 PERMIT

Dear Mr. Bullock:

This letter is to summarize any geologic concerns for the planning study:  
Jefferson County  
Billtown Road (Ky. 1819) 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, and shale.

**Karst Potential**

The study area might encounter karst features such as sinkholes.

**Landslide Potential**

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

**Unconsolidated Sediments**

The study area would not 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 upper part of the Laurel Dolomite. Roads built on the Waldron Shale might be subjected to failure.

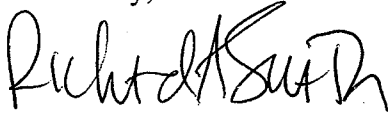
**Fault Potential**

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 fluid and cursive, with the first name "Richard" being more prominent and the last name "Smath" following in a similar style.

Richard A. Smath  
Geologist

Ernie Fletcher  
Governor



John C  
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

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](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)

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



Richie Farmer, Commissioner  
32 Fountain Place  
Frankfort, KY 40601



Kentucky  
Department of  
Agriculture

*A Consumer Protection and Service Agency*

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

March 26, 2007

Mr. Matt Bullock, P.E.  
Chief District Engineer  
Kentucky Transportation Cabinet  
Post Office Box 37000  
Louisville, KY 40233

RECEIVED  
MAR 28 2007  
D/5 PERMIT

Re: Planning Study  
Jefferson County  
Billtown Road (KY 1819) Scoping Study

Dear Mr. Bullock:

Please be advised that this agency has no specific concerns or issues concerning the above-noted project.

Sincerely,

A handwritten signature in cursive script that reads "Ann Stewart".  
Ann Stewart



[www.kyagr.com](http://www.kyagr.com)



March 20, 2007

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

Kentucky  
Member  
Counties

Bullitt

Henry

Jefferson

Oldham

Shelby

Spencer

Trimble

Indiana  
Member  
Counties

Clark

Floyd

Equal  
Opportunity  
Employer

Re: Planning Study  
Jefferson County  
Billtown Road (KY 1819) Scoping Study

RECEIVED

APR 03 2007

D/5 PERMIT

Dear Mr. Bullock:

This is in response to your February 28, 2007 letter concerning early coordination for the referenced study. As requested, we offer the following comments:

- 1) One alternative under consideration for the proposed project is in the area's long range transportation plan;
- 2) Funding for a design phase of the project is included in the current Transportation Improvement Program; and
- 3) KIPDA is participating in the study by providing traffic projections and an environmental justice analysis.

In summary, the study is consistent with the plans and programs developed as part of the metropolitan transportation planning process administered by this agency. Thank you for the opportunity to provide comments. If you have any questions please feel free to contact me.

Sincerely,

Harold L. Tull  
Transportation Director

11520 Commonwealth Drive  
Louisville, KY 40299  
502-266-6084  
Fax 502-266-5047  
KY TDD 1-800-648-6056  
www.kipda.org



Metropolitan Planning Organization

Kentucky Designated Area Agency on Aging



**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](http://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  
Billtown Road (KY1819)

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 Billtown Road (KY 1819) 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 Billtown 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](http://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

CLERK

Re: Planning Study Jefferson County Billtown Road (KY 1819) Scoping Study (SERO 2007-6)

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 - 6

**Scoping Document**

**Project Title:**

Planning Study Jefferson County Billtown Road (KY 1819) 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**

## **Billtown Road (KY 1819) Scoping Study**

### **Endorsement:**

A request for review of the Planning Study for Jefferson County's Billtown 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 2007-6

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

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



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 4, 2007

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

Subject: Planning Study  
Jefferson County  
Billtown Road (KY 1819) 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.

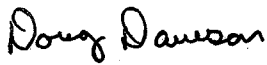
- The Indiana bat utilizes a wide array of habitats, including riparian forests, upland forest, and fencerows for both summer foraging and roosting habitat. Indiana bats typically roost under exfoliating bark, in cavities of dead and live trees, and in snags (i.e., dead trees or dead portions of live 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.

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



**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, Billtown Road (KY 1819) 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 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