

**APPENDIX F**  
**RESOURCE AGENCY RESPONSES**

## RESOURCE AGENCY RESPONSES

1. U.S. Coast Guard
2. U.S. Department of Agriculture, Natural Resources Conservation Service
3. U.S. Environmental Protection Agency, Region 5
4. Kentucky Cabinet for Health and Family Services, Facilities Management Division
5. Kentucky Commerce Cabinet, Department of Fish & Wildlife Resources
6. Kentucky Commerce Cabinet, Department of Parks
7. Kentucky Department of Agriculture
8. Kentucky Department of Military Affairs
9. Kentucky Environmental and Public Protection Cabinet, Department for Environmental Protection
10. Kentucky Environmental and Public Protection Cabinet, Department for Natural Resources
11. Kentucky Environmental and Public Protection Cabinet, Division of Conservation
12. Kentucky Justice and Public Safety Cabinet, Kentucky State Police
13. Kentucky Justice and Public Safety Cabinet, Kentucky Vehicle Enforcement
14. Kentucky Transportation Cabinet, Geotechnical Branch
15. Kentucky Transportation Cabinet, Airport Zoning Commission
16. Kentucky Transportation Cabinet, Office of Special Programs
17. Kentucky Transportation Cabinet, Permits Branch
18. University of Kentucky, Kentucky Geological Survey

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) 269-2380  
Fax: (314) 269-2737  
Email: peter.j.sambor@uscg.mil

RECEIVED

16591.1/US HWY 62  
August 9, 2007

AUG 15 2007

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

Subj: US HIGHWAY 62 IMPROVEMENT PROJECT

Dear Mr. Greer:

We have reviewed the information provided in your letter of June 24, 2007 and determined that this project is not a project over which the Coast Guard exercises jurisdiction for bridge administration purposes. A Coast Guard permit is not required.

If there are any questions, please contact Mr. Peter Sambor at the above extension. We appreciate the opportunity to comment on the project.

Sincerely,

A handwritten signature in black ink that reads "R. K. Wiebusch".

ROGER K. WIEBUSCH  
Bridge Administrator  
By direction of the District Commander

United States Department of Agriculture



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

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AUG 22 2007

August 21, 2007

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

RE: US 62 Reconstruction from KY 3155 in Leitchfield to KY 224 in Clarkson, KY  
Item No. 4-8303.00

Dear Mr. Greer:

In regards to the planning study to determine the need and potential impacts for the proposed US 62 Reconstruction from KY 3155 in Leitchfield to KY 224, the USDA-Natural Resources Conservation Service (NRCS) is concerned with potential impacts that any proposed highway 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).

The NRCS contact person for Grayson County is:  
Brent Miller  
District Conservationist  
115 Commerce Drive  
Leitchfield, Kentucky 42754  
Phone: 270-259-3738 or [brent.miller@ky.usda.gov](mailto:brent.miller@ky.usda.gov)

To further assist with the planning efforts, I am enclosing a CD containing ArcView GIS shapefiles of basic soils information for Grayson County. The GIS shapefiles are in UTM projection, nad83, zone 16. 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.

Sincerely,

A handwritten signature in blue ink, appearing to read "JK", written over a horizontal line.

Jacob Kuhn  
Assistant State Conservationist

cc:

J. David Stipes, Area Conservationist, Area 2, 103 Lakeview Court, Frankfort, KY 40601  
Brent Miller, District Conservationist, 115 Commerce Drive, Leitchfield, Kentucky 42754

*Helping People Help the Land*

An Equal Opportunity Provider and Employer

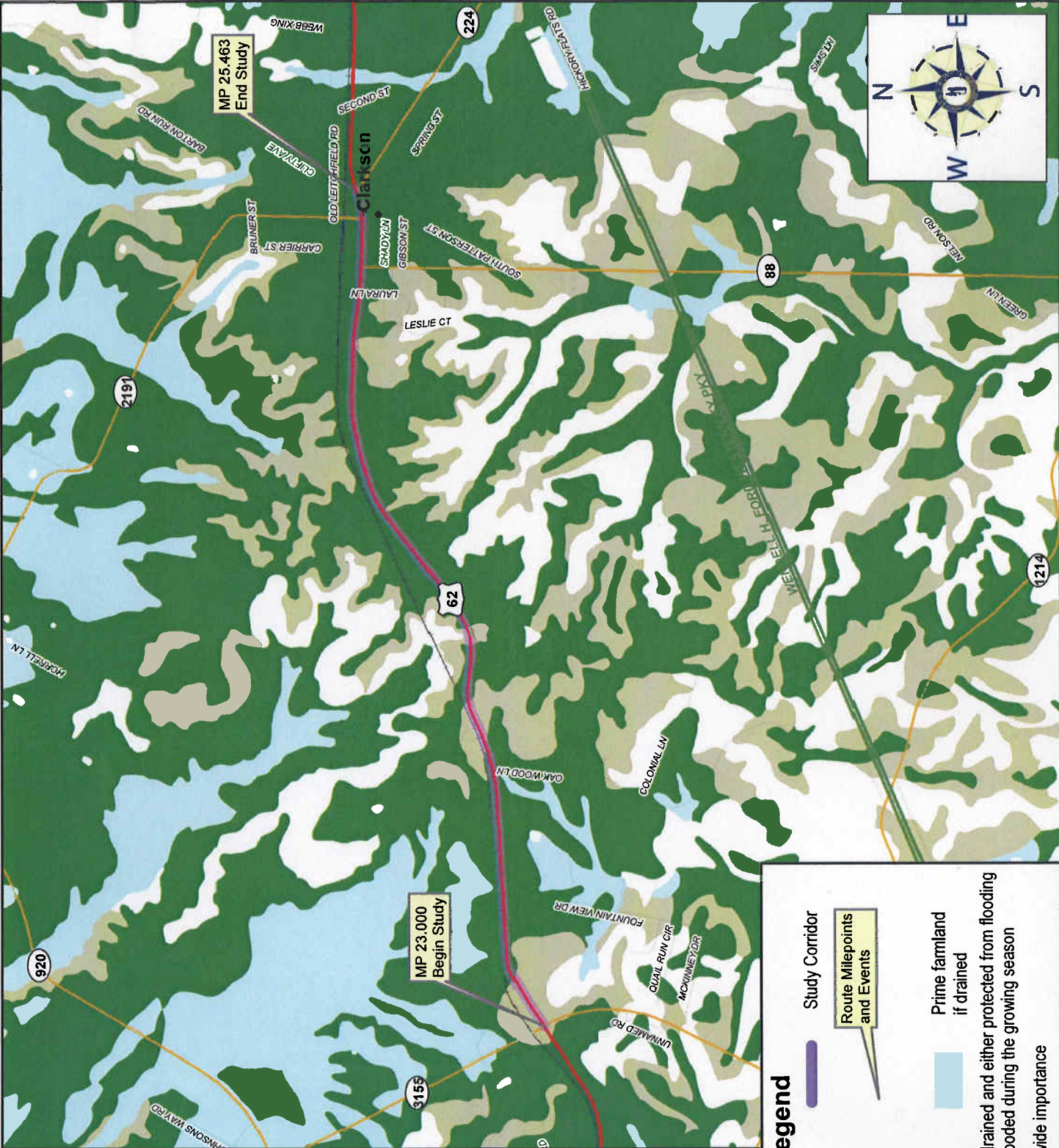
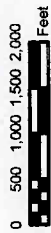




**Prime Farmland & Soils  
of Statewide Importance**

Grayson County  
US 62  
Leitchfield to Clarkson  
Programming Study

Source: Natural  
Resources Conservation  
Service 8/21/2007



**Legend**

- Parkway
- US Highway
- State Highway
- Local Road
- Railroad
- All areas are prime farmland
- Prime farmland if drained or not frequently flooded during the growing season
- Farmland of statewide importance
- Study Corridor
- Route Milepoints and Events
- Prime farmland if drained



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

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AUG 09 2007

AUG 13 2007

REPLY TO THE ATTENTION OF:  
mailcode B-19J

Daryl J. Greer, P.E.  
Director, Division of Planning  
Transportation Cabinet  
200 Metro Street, 5th Floor  
Frankfort, Kentucky 40622

Re: **Request for NEPA comments on US 62 Reconstruction in Grayson County, KY**

Dear Mr. Greer:

The U.S. Environmental Protection Agency (U.S. EPA) Region 5 received your letter of July 24, 2007, seeking early coordination comments regarding a proposed FHWA highway reconstruction project entirely within the state of Kentucky. Our EPA Upper Midwest Region (5) encompasses the six Midwest states bordering the Great Lakes. The State of Kentucky is located in the EPA Southeast Region (4) with offices in Atlanta, Georgia. We have therefore forwarded your letter to Heinz Mueller, NEPA Program Office Chief in that office. Future project communications should be directed to his attention at:

Heinz Mueller, Chief  
NEPA Program Office  
Office of Policy and Management  
U.S. Environmental Protection Agency  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, Georgia 30303-8960.

He can be reached at (404)-562-9611.

Sincerely,

Kenneth A. Westlake, Supervisor  
NEPA Implementation  
Office of Enforcement and Compliance Assurance

Cc: Heinz Mueller



RECEIVED

AUG 03 2007

**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

July 30, 2007

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

Subject: Grayson County Planning Study  
US 62 from KY 3155 to KY 224

Mr. Greer;

The Kentucky Transportation Cabinet has asked that we identify specific issues or concerns which may affect the development of a road improvement project in Grayson County; the project would involve improvements in the US 62 from KY 3155 to KY 224. 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 US 62 from KY 3155 to KY 224; 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





Sorry! When printing directly from the browser your map may be incorrectly cropped. To print the entire map, try clicking the "Printer-Friendly" link at the top of your results page.

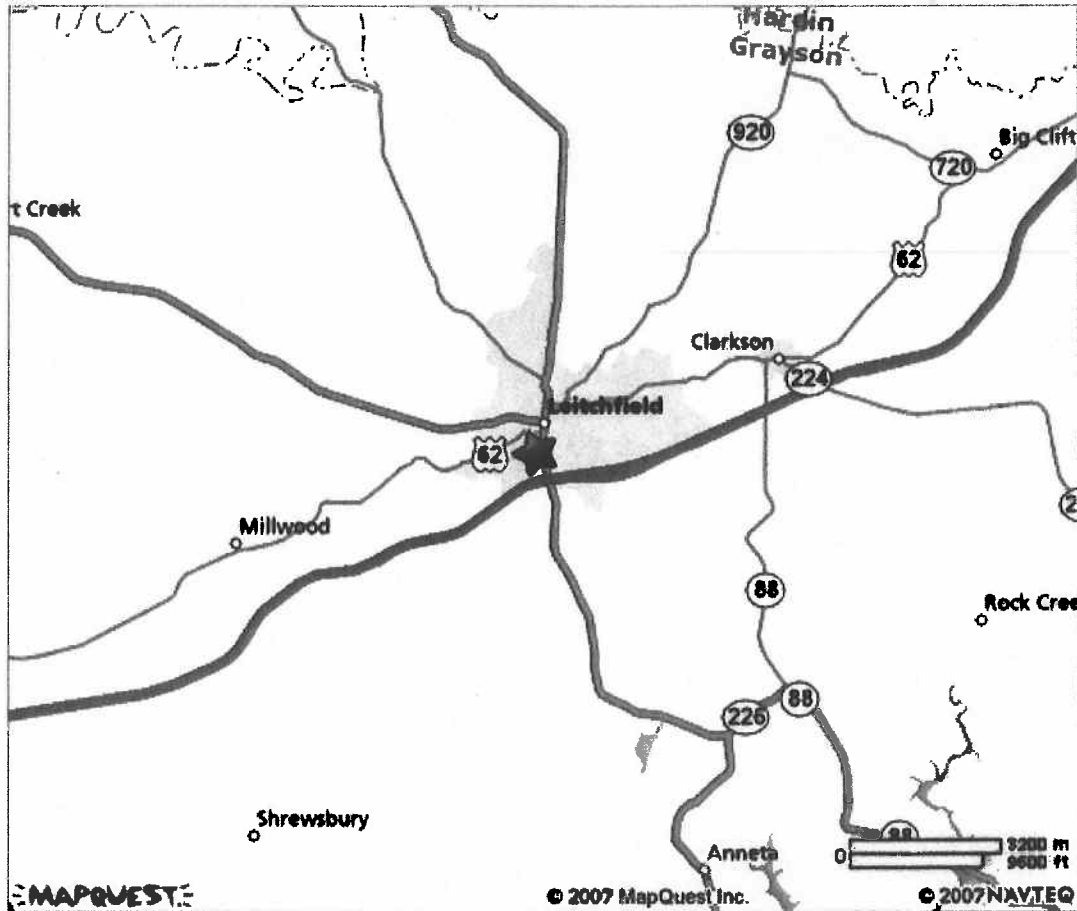


### ★ 498 S Main St

Leitchfield, KY 42754-1024, US



Sorry! When printing directly from the browser your map may be incorrectly cropped. To print the entire map, try clicking the "Printer-Friendly" link at the top of your results page.



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SEP 07 2007

**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

September 5, 2007

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

RE: Planning Study  
Grayson County  
US 62 Reconstruction from KY 3155 in Leitchfield to KY 224 in Clarkson  
Item No. 4-8303.00

Dear Mr. Greer:

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 indicates that no federal/state threatened and/or endangered fish and wildlife species 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. We recommend that you contact the U. S. Fish & Wildlife Service Kentucky Field Office at 502-695-0468 for consultation under the Endangered Species Act.

It appears that the proposed project has the potential to impact wetland habitats. KDFWR recommends that you look at the appropriate US Department of Interior National Wetland Inventory Map (NWI) and the appropriate county soil surveys to determine where the proposed project may impact wetlands. Additionally, field verification may be needed to determine the extent and quality of wetland habitats within the project area. Any planning should include measures designed to eliminate and/or reduce impacts to wetland habitats. If impacts cannot be avoided, mitigation should be properly designed and proposed to offset the losses. KDFWR will recommend, at a minimum, a 2:1 mitigation ratio for any permanent loss or degradation of wetland habitats.

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:

- Avoidance of impacts to intermittent and perennial streams if it is feasible.
- 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.



- To compensate for unavoidable impacts to streams, we recommend that possible stream mitigation sites be identified on-site or within the Upper Salt River drainage. Restoration of those sites should incorporate natural stream channel design along with the restoration of its associated riparian areas.
- 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*

Doug Dawson  
Wildlife Biologist III

Cc: Environmental Section File



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AUG 03 2007

## KENTUCKY COMMERCE CABINET

**Ernie Fletcher**  
Governor

Capital Plaza Tower, 24th Floor  
500 Mero Street  
Frankfort, Kentucky 40601  
Phone (502) 564-4270  
Fax (502) 564-1512  
[www.commerce.ky.gov](http://www.commerce.ky.gov)

**George Ward**  
Secretary

August 1, 2007

Mr. Daryl Greer, P.E.  
Division of Planning Director  
Kentucky Transportation Cabinet  
200 Mero Street  
Frankfort, Kentucky 40622

Re: Planning Study  
Grayson County  
US 62  
Item No. 4-8303.00

Dear Mr. Greer:

The Department of Parks has reviewed your correspondence to me regarding the subject. The study will not directly impact any of our facilities. I would like to state in general that our Agency's mission is protecting the environment associated with our facilities and we are certainly concerned about environmental impacts for the entire Commonwealth.

I appreciate you seeking our Agency's comments on this project.

Sincerely,

A handwritten signature in cursive script that reads "G Ward".

George Ward  
Secretary

cc: John Drake

**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 26 2007**

July 25, 2007

Mr. Daryl Greer, P.E.  
Director, Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, Station W5-05-01,  
Frankfort, KY 40622

Re: Planning Study  
Grayson County  
US 62 Reconstruction from KY 3155 in Leitchfield  
To KY 224 in Clarkson  
Item No. 4-8303.00

Dear Mr. Greer:

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

Sincerely,

Ann Stewart  
Staff Assistant





## Witt, Thomas (KYTC)

---

**From:** Wilson, Jimmy (KYTC)  
**Sent:** Thursday, August 16, 2007 8:27 AM  
**To:** Witt, Thomas (KYTC)  
**Subject:** FW: Planning Study, Grayson County, US 62 Reconstruction from KY 3155 in Leitchfield to KY 224 in Clarkson, Item No. 4-8303.00

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

From: Greer, Daryl (KYTC)  
Sent: Wednesday, August 15, 2007 1:55 PM  
To: Ross, Steve (KYTC); Wilson, Jimmy (KYTC)  
Subject: FW: Planning Study, Grayson County, US 62 Reconstruction from KY 3155 in Leitchfield to KY 224 in Clarkson, Item No. 4-8303.00

FYI

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

From: Wilkins, Joe N MR NGKY [mailto:joe.wilkins@us.army.mil]  
Sent: Wednesday, August 15, 2007 12:18 PM  
To: Greer, Daryl (KYTC)  
Cc: Berthold, Julius L BG(R) NGKY  
Subject: Planning Study, Grayson County, US 62 Reconstruction from KY 3155 in Leitchfield to KY 224 in Clarkson, Item No. 4-8303.00

Mr. Greer,

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

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



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SEP 10 2007

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

September 6, 2007

Mr. Daryl J. Greer, P.E., Director  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street  
Frankfort, KY 40622

Re: Planning Study Grayson County US 62 Reconstruction from KY 3155 in Leitchfield to KY 224 in Clarkson. Item No. 4-8303.00 (SERO 2007-15)

Dear Mr. Greer,

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 4 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, and the Department of Natural Resources.

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 -15

**Scoping Document**

**Project Title:**

Planning Study Grayson County US 62 Reconstruction from KY 3155 in  
Leitchfield to KY 224 in Clarkson. Item No. 4-8303.00

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
Division 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.....	No Response Received
Division of Conservation.....	No Response Received
Department for Natural Resources.....	COMMENTS ATTACHED
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**

**Planning Study for the Proposed US 62 Reconstruction from  
KY 3155 in Leitchfield to KY 224 in Clarkson**

**Endorsement:**

A request for review of the Planning Study for the proposed US 62 reconstruction from KY 3155 in Leitchfield to KY 224 in Clarkson was received on July 27, 2007. The Division of Water (DOW) completed this review and found that the information provided warranted an endorsement of this project. Below are the comments that were received.

**Water Quality Branch:**

No comments. Endorse.

**Groundwater Branch:**

Improvements to US 62 in this area are unlikely to have any permanent detrimental impacts to groundwater. However, because this is karst terrane, which is inherently sensitive to potential pollution from surface activities, the appropriate measures should be taken to ensure that these resources are protected.

Therefore, to protect the area's groundwater, the measures found in the following should be adhered to: KYTC Best Management Practices, the Kentucky Department of Highways Standard Specifications, and the KYTC Generic Groundwater Protection Plan. If, during construction, these measures are found to be inadequate, KYTC is strongly encouraged to consult with the Kentucky Geological Survey and the Groundwater Branch of the Kentucky Division of Water in the development of any new measures that may be necessary.

**Water Resources Branch:**

There are no floodplain or dam safety issues involved with this project.

**Enforcement Branch:**

The Division of Enforcement does not object to the projects proposed by the applicants.

**Division of Waste Management Comments**

Project Number: SERO 2007-15

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).

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.

**Department for Natural Resources Comments**



## ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

**Ernie Fletcher**  
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)

**Teresa J. Hill**  
Secretary

**Susan C. Bush**  
Commissioner

August 15, 2007

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

RE: Programming Study  
Grayson County  
US 62 Reconstruction from KY 3155 in Leitchfield  
Item No. 4-8303.00

Dear Mr. Taylor:

Thank you for the opportunity to comment on the planning study to determine the need and potential impacts for improvements on the US 62 highway project in Grayson County. The Department for Natural Resources has examined the documentation.

According to the Kentucky Division of Oil and Gas Conservation, this is an area of known oil and gas exploration activity. Enclosed is a map, obtained from the Kentucky Mine Mapping Web site, <http://minemaps.ky.gov>, showing several oil and gas wells. The Kentucky Geological Survey can provide an overlay with the wells plotted for this area. Should you have any additional questions or concerns, please call Kim Collings at (502) 573-0147 or Linda Potter at (502) 564-6940.

Sincerely,

A handwritten signature in blue ink that reads "Susan C. Bush".

Susan C. Bush, Commissioner

Kentucky Mine Mapping Initiative: Available Maps IMS Viewer - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address: <http://minemaps.ky.gov/website/availablemaps/viewer.htm?ActiveLayer=county&Query=NAME=GRAYSON&QueryZoom=Yes>

Available Mine Maps  
Kentucky Mine Mapping Initiative

Layers:
 

- All Layers
- Scanned Mine Maps
- Oil/Gas Wells
  - Oil well
  - Combustible and gas well
  - Gas well
  - Dry and abandoned well
  - Secondary recovery input (injectant) well
  - Well location
  - All scan status well
- Base Map
- Base Imagery

Refresh Map

Help:
 

- A closed group, click to open.
- An open group, click to close.
- A map layer.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Counties Selection cleared.

Zoom In

Map: 4762104.01, 3701562.79 -- Image: 177, 177 -- ScaleFactor: 60.61770964150536

Enter Coordinates Coal Seam Index Kentucky Mine Mapping Initiative

Internet



## ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

**Ernie Fletcher**  
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)

**RECEIVED**

**AUG 15 2007**

**Teresa J. Hill**  
Secretary

**Susan C. Bush**  
Commissioner

August 15, 2007

Daryl J. Greer, P.E., Director  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street  
5<sup>th</sup> Floor  
Frankfort, Kentucky 40622

RE: Programming Study  
Grayson County  
US 62 Reconstruction from KY 3155 in Leitchfield  
Item No. 4-8303.00

Dear Mr. Greer:

Thank you for the opportunity to comment on the planning study to determine the need and potential impacts for improvements on the US 62 highway project in Grayson County. The Department for Natural Resources has examined the documentation.

According to the Kentucky Division of Oil and Gas Conservation, this is an area of known oil and gas exploration activity. Enclosed is a map, obtained from the Kentucky Mine Mapping Web site, <http://minemaps.ky.gov>, showing several oil and gas wells. The Kentucky Geological Survey can provide an overlay with the wells plotted for this area. Should you have any additional questions or concerns, please call Kim Collings at (502) 573-0147 or Linda Potter at (502) 564-6940.

Sincerely,

Susan C. Bush, Commissioner



Kentucky Mine Mapping Initiative: Available Maps IIS Viewer - Microsoft Internet Explorer

Address: <http://minemaps.ky.gov/web/site/availablemaps/viewer.htm?ActiveLayer=county&Query=NAME=GRAYSON&QueryZoom=Yes>

Available Mine Maps  
Kentucky Mine Mapping Initiative

Layers:

- All Layers
- Scanned Mine Maps
- Oil/Gas Wells
  - Oil well
  - Combined oil and gas well
  - Gas well
  - Dry and abandoned well
  - Secondary recovery reutilization
  - Well location
  - Miscellaneous well
- STR
- Base Map
- Base Imagery

Refresh Map

Help:

- A closed group, click to open.
- An open group, click to close.
- A map layer.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Counties Selection cleared.

Enter Coordinates | Coal Seam Index | Kentucky Mine Mapping Initiative

Map: 4762104.01, 3701562.79 -- Image: 177, 177 -- ScaleFactor: 60.61770964150538

Zoom In

Internet



RECEIVED

AUG 20 2007

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

**Ernie Fletcher**  
Governor

**Division of Conservation**  
375 Versailles Road  
Frankfort, Kentucky 40601  
Phone (502) 573-3080  
Fax (502) 573-1692  
[www.conservation.ky.gov](http://www.conservation.ky.gov)

**Teresa J. Hill**  
Secretary

**Stephen A. Coleman**  
Director

August 17, 2007

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

**Subject:** Planning Study for US 62 Reconstruction

Dear Mr. Greer:

As requested, the Division of Conservation has reviewed the proposed study to improve US 62 in Grayson County beginning at KY 3155 east of Leitchfield and ending at KY 224 in Clarkson. We would like to provide the following comments and express concerns that may be helpful in this initial data-gathering stage.

There are no agricultural districts established along the project area, therefore land enrolled in the Agricultural District Program will not have to be mitigated by the Department of Transportation.

We would like to see the issue of the loss of farmland addressed. Every year pressure imposed by utility right-of-ways, urban expansion, and new roads reduce the land available for agricultural use in the Commonwealth. There are two documents that could be utilized to identify these farmland designations: the *Soil Survey Grayson County* (NRCS 1972), and *Important Farmland Soils of Kentucky* (NRCS 1981). Both documents are available through this office. The soil survey information can also be downloaded at the following web site: <http://soildatamart.nrcs.usda.gov/>.

One other concern we would like to comment on is the control of erosion and sedimentation during and after earth-disturbing activities once this project begins. We recommend best management practices (BMPs) be utilized to prevent nonpoint source water pollution. This would protect the water quality and aquatic habitat of the perennial and intermittent streams that this project could impact.



**Mr. Daryl Greer**  
**August 17, 2007**  
**Page Two**

The manual, *Best Management Practices for Construction Activities*, contains information on the kinds of BMPs most appropriate for this project and is available through the Grayson County Conservation District, the Kentucky Division of Water, or this office. Also an electronic version of the *Kentucky Erosion Prevention and Sediment Control Field Guide* is available online at <http://www.water.ky.gov/sw/nps/Publications.htm>

We appreciate the opportunity to comment on this project. If you have any questions, please contact this office any time.

Sincerely,

A handwritten signature in black ink that reads "Stephen A. Coleman". The signature is written in a cursive style with a large, prominent "S" and "A".

Stephen A. Coleman, Director  
Kentucky Division of Conservation

SAC/MD/aeh





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AUG 16 2007

KENTUCKY STATE POLICE

Ernie Fletcher  
Governor

919 Versailles Road  
Frankfort, Kentucky 40601  
www.kentuckystatepolice.org

John (Jack) Adams  
Commissioner

August 15, 2007

Daryl J. Greer, P.E.  
Director, Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street 5<sup>th</sup> Floor  
Frankfort, Kentucky 40622

Dear Mr. Greer:

Attached is a printout of the summary of collisions on US 62 mile marker 23.0 to 25.465 for January 1, 2006 to July 31, 2007 with a total of 11 injury collisions.

The proposed construction area is a heavily traveled portion of US 62 based on the location of schools and factories. The heaviest hours of usage are 7:00 AM (CT) to 8:00 AM (CT) and 3:00 PM (CT) to 4:30 PM (CT).

I have provided a list of factories using US 62 with contact numbers.

Clarkson Police Department, (270.242.6997) employs one police officer and Leitchfield Police Department, (270.259.3850) employs 13 police officers. I suggest you contact those departments for more pertinent information that may be helpful.

Sincerely,

A handwritten signature in black ink, appearing to read "Lt. David G. Lee". The signature is written over a horizontal line.

Lt. David G. Lee  
Kentucky State Police Post 4  
P. O. Box 1297  
Elizabethtown, Kentucky 42702-1297  
270-766-5078

DL/bkc

Attachment: Collision Report Analysis  
List of Factories - Leitchfield

COLLISION REPORT ANALYSIS FOR SAFER HIGHWAYS

SUMMARY OF COLLISIONS (US 62 23.0 to 25.463mm)

From: 01/01/2006 To: 07/31/2007  
 Excludes Parking Lot/ Excludes Private Property Collisions

County	Total Collisions	Fatal Collisions	Injury Collisions	Property Damage Only	Number Killed	Number Injured
<b>GRAYSON</b>						
US0062						
2006	15	0	4	11	0	5
2007	11	0	7	4	0	9
<b>Totals:</b>	<b>26</b>	<b>0</b>	<b>11</b>	<b>15</b>	<b>0</b>	<b>14</b>

Leitchfield Industry	Phone	Spoke To	Sept '06	Mar. '07	June '07	Curr Dif	Temps	Manager
Ballic Lumber	259-3104	Janice	90	91	97	6		Robert Zandi
BelCheese	259-4071	Shelley/Joe	306	306	302	(4)		Francine Moudrey
Byrd Tool	230-0079	Jane	31	32	32	same		Tom Byrd
Campbell Hausfeld	259-7799	Cindy	284	239	227	(12)		Chuck Bruton
Core-Mark	259-9348	Nancy	197	175	174	(1)		Don Cook
Inplast	259-2400	Tim Clark	0	0	0	0		
Kencoat	259-5798	Tammy/Patty	21	15	16	1	includes 3 temps	Randy Adkins
Leggett & Platt	259-4091	Mandy/Carol	182	166	177	11	includes 16 temps	Barry Embry
Leitchfield Machining	259-4204	Joy	15	16	18	2		Travis Jackson
Leitchfield Plastics	259-9333	Becky/Tina	313	295	295	same	60-included in count	Terry Tyra
MidPark	259-3152	Crystal	74	61	62	1		Roy Powell
MTD	259-2600	ext 449 or 417	310	380	222	(158)		Doug Myers
PharShar	259-3845	Shirley	29	29	29	same		Mike Pharris
Styline Industries	230-8008	Trish	101	112	113	1		Eric McMichael
Trim Masters	259-8000	Andrea/Michelle or Debbie	444	411	396	(15)		Jay Kiper
<b>Subtotal - Leitchfield</b>			<b>2397</b>	<b>2328</b>	<b>2160</b>	<b>(165)</b>		
Kelley Beehive Factory	242-2012	Sara	38	39	40	1		
Major Transit	879-3010	Jeff/Penny	26	24	24	(2)		
Moeller Land & Cattle	286-0008	Sherry	4	4	4	0		
Ohio Valley Reload	879-3161	Rhoda	21	19	19	(2)		
<b>Subtotal - County</b>			<b>89</b>	<b>86</b>	<b>87</b>	<b>(3)</b>		
<b>Total # of employees</b>			<b>2486</b>	<b>2414</b>	<b>2247</b>	<b>(171)</b>		
Judge Goff 259-0060								

47.62  
 54  
 920  
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 920  
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 920  
 59.5  
 62  
 1.259  
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 920  
 2.59  
 42 X 62



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AUG 23 2007

## JUSTICE AND PUBLIC SAFETY CABINET

**Ernie Fletcher**  
Governor

**Kentucky Vehicle Enforcement**  
Frankfort, Kentucky 40601

**BG Norman E. Arflack**  
Secretary

**Gregory G. Howard**  
Commissioner

August 20, 2007

Mr. Daryl J. Greer, P.E.  
Division of Planning  
Transportation Cabinet  
200 Mero Street  
Frankfort, KY 40622

Dear Mr. Greer:

We are in receipt of your letter requesting any input that Kentucky Vehicle Enforcement might have in regards to a planning study in Grayson County, US 6 Reconstruction from KY 3155 in Leitchfield to KY 224 in Clarkson, item no. 4-8303.00.

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,

A handwritten signature in black ink, appearing to read "G. Howard", written over a printed name.

Gregory G. Howard  
Commissioner  
Department of Kentucky Vehicle Enforcement

## MEMORANDUM

P-012-2007

**TO:** Daryl Greer, PE  
Director  
Division of Planning

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

**BY:** Michael Blevins, PG  
Geotechnical Branch

**DATE:** August 20, 2007

**SUBJECT:** Grayson County  
FD04 043 0062 023-026 D  
Leitchfield to Clarkson (US62)  
Item # 04-8303.0  
Mars # 7966201P  
Geotechnical Overview

The Geotechnical Branch has completed a review of Leitchfield and Clarkson Geologic Quadrangle Maps has the following comments.

### **GEOLOGICAL OVERVIEW**

The project is underlain by bedrock of the Leitchfield Formation, Glenn Dean Limestone and the Hardinsburg Sandstone of the Pennsylvanian System. The Formations are identified on the attached Geologic Quadrangle Map.

Bedrock in the Leitchfield Formation consists of Shale, Siltstone, Limestone and Limestone Conglomerate. The majority of the Formation consists of shale which is usually Non-Durable and requires flatter than normal cut slopes. Extra Right of Way may be required if flatter slopes are needed. The Siltstone occurs as laminations and thin beds. The Limestone is thin to thick bedded and has shale laminations and partings. The Limestone can usually be used for rock roadbed if shale percentages are relatively low.

The Glenn Dean Limestone consists of Limestone and Shale. The Limestone is thin to thick bedded and argillaceous in the upper part. The Formation weathers to rubble or thin slabs. The Shale occurs as partings and beds of variable thickness and can be interbedded with thin Limestone beds in the upper part. The Limestone may be used for roadway applications provided the shale percent is relatively low. Cut slopes may be pre-split or flatter than normal depending on shale percentages.

**Memorand**  
**Daryl Greer**  
**August 20, 2007**  
**Page-2-**

The Hardinsburg Sandstone contains Sandstone and Shale. The Sandstone is usually friable and Non-Durable and has poor engineering properties. The Shale is normally non-durable and occurs at the top of the unit. Cut slopes are usually flatter than normal.

Most of the project is underlain by the Leitchfield Formation and will likely require a chemically modified roadbed.

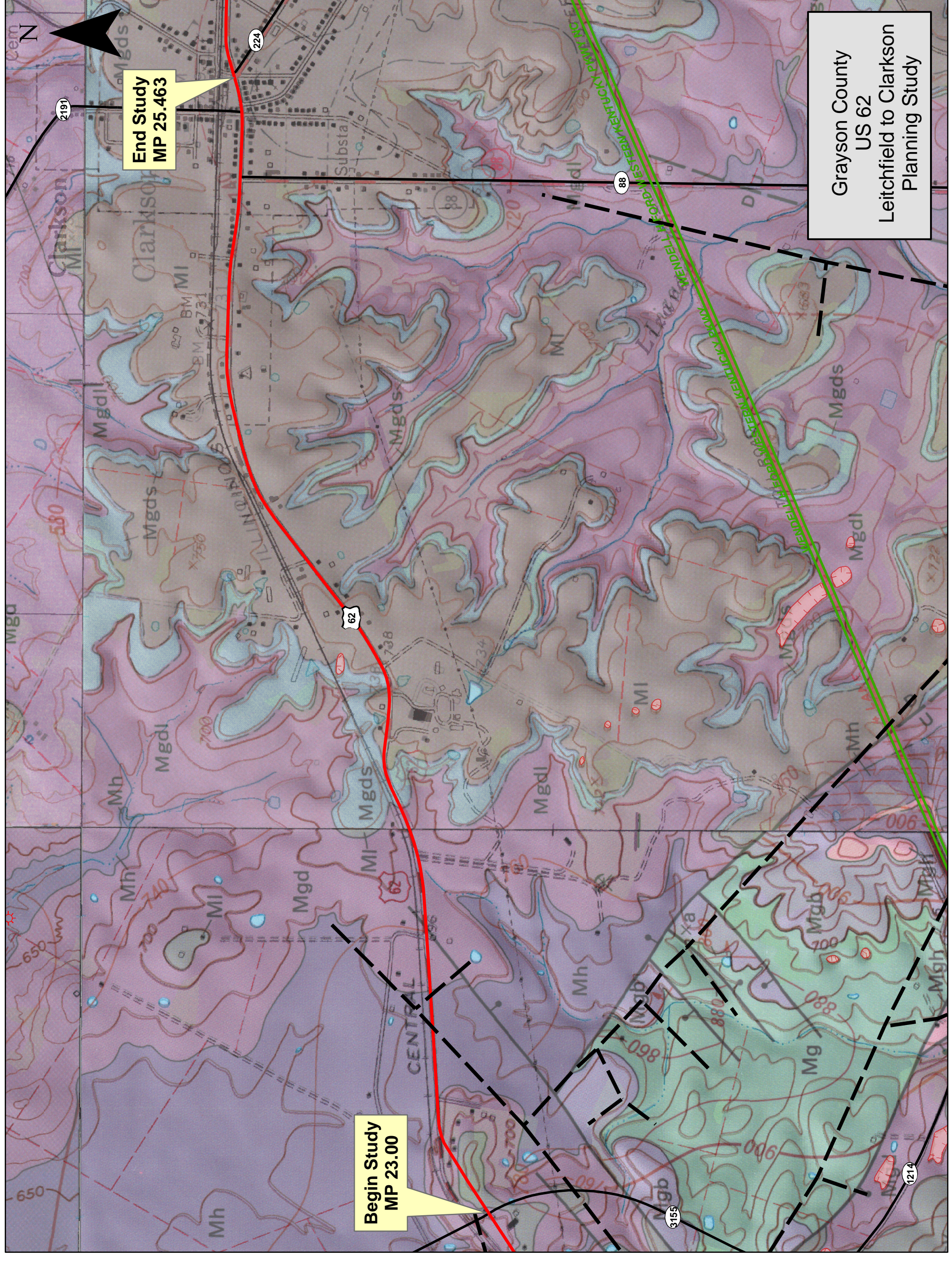
### **GEOTECHNICAL CONCERNS**

A Northwest trending fault is identified (**by dashed lines**) on the attached Geological Quadrangle Map and intersects the proposed project. Bedrock in the vicinity of the fault may be highly fractured. Cut slopes in the faulted area may need to be taken out along the bedding plane to provide a stable cut slope. Cut heights through the faulted area should be kept to a minimum to minimize potential slope stability problems. Embankments through this area should encounter no problems during construction.

If there are any questions, please advise.



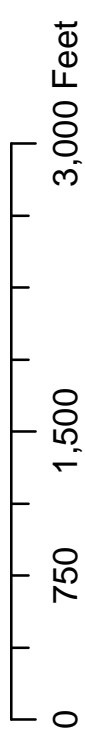
Legend	
Mh	Hardinsburg Limestone
MI	Leitchfield Formation
Mgd	Glen Dean Limestone
Mgds	Shale Member Glen Dean Limestone
Mgdl	Limestone Member Glen Dean Limestone
Mg	Girkin Formation
Mgh	Haney Limestone Member
Qal	Alluvium
- - -	Coal Bed
- - -	Geologic Faults
[Red Box]	Sinkholes
[Green Line]	Parkways
[Red Line]	US Highways
[Black Line]	State Roads



End Study  
MP 25.463

Begin Study  
MP 23.00

Grayson County  
US 62  
Leitchfield to Clarkson  
Planning Study





## Witt, Thomas (KYTC)

---

**From:** Houlihan, John (KYTC)  
**Sent:** Wednesday, July 25, 2007 11:24 AM  
**To:** Witt, Thomas (KYTC)  
**Subject:** Item No 4-8303.00 US 62 reconstruction to KY 3155

Mr. Witt

I have reviewed the above proposed project and found this will have no adverse affect on air navigation. However, if any construction equipment exceeds 200 feet above ground level a permit will have to be issue from this office prior to use. If you have any questions, let me know.

Thank you.

Kentucky Airport Zoning Commission  
John Houlihan, Administrator  
200 Mero Street  
Frankfort KY 40622  
502.564.9900 Ext. 3854  
Fax 502.564.7953  
[www.transportation.ky.gov/aviation/zoning.htm](http://www.transportation.ky.gov/aviation/zoning.htm)

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**Ernie Fletcher**  
Governor

**TRANSPORTATION CABINET**

Frankfort, Kentucky 40622  
www.kentucky.gov

**Bill Nighbert**  
Secretary

**Crystal Murray Ducker**  
Deputy Secretary

**INTRA-DEPARTMENTAL MEMO**

**TO:** Daryl J. Greer, P.E.  
Director  
Division of Planning


**FROM:** Tiffani Jackson  
Bicycle and Pedestrian Coordinator  
Office of Special Programs

**DATE:** August 10, 2007

**SUBJECT:** Comments on Scoping study of US 62 from KY 3155 to KY 224

After reviewing the project information for the scoping study of US 62, I have the following comments that I feel should be taken into consideration when identifying improvements for this stretch of roadway:

- Currently there is a shoulder width of approximately 2 feet. My recommendation is to consider incorporating a minimum of 4 ft of paved shoulder width (after any rumble strips that are installed) to accommodate any cyclists that may choose to use the road to travel from Leitchfield to Clarkson.
- Another recommendation would be to consider placing "Share the Road" signs to alert motorists to the possibility that cyclists may be using that stretch of roadway.

  
Tiffani Jackson



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**Ernie Fletcher**  
Governor

**TRANSPORTATION CABINET**

Frankfort, Kentucky 40622  
www.kentucky.gov

**Bill Nighbert**  
Secretary

**MEMORANDUM**

**Marc Williams**  
Commissioner of Highways

TO: Daryl Greer, P.E.  
Director  
Division of Planning

FROM: Cass T. Napier *CTN*  
Branch Manager  
Permits

DATE: August 17, 2007

RE: US 62, Grayson County  
Scoping Study, Improvements from  
MP 23.000 to MP 25.463 (US 62)  
Item No. 8-8303.00

The Permits Branch has reviewed the data provided for the subject study site. A search of our permits database revealed that this area has had 16 encroachment permits and 3 recycler permits since 1994 the results of the database review are displayed on the attached tables. In addition, this Branch offers the following comments.

1. Please notify this office should portions of this project be designed as partial control access.
2. In segments where access may be partial control we encourage all possible access points be set on the plans in accordance with 603 KAR 5:120, even if they are not to be constructed at that time.
3. When buying R/W for this and all reconstruction routes, if a segment has partial control access, new deeds for all adjoining property owners need to be executed to identify the access control even if no new R/W is acquired.
4. Please notify this office if the proposed roadway is to be placed on the National Highway System. This information is needed to assist this office in regulating the installation of any outdoor advertising device. Also, if the proposed roadway is to be on the N. H. S., early notification of the final line and grade is needed. This enables us to monitor outdoor advertising devices prior to road construction being completed.

Thank you for the opportunity to verbalize our concerns.

CTN/mlc

Grayson County, US 62 mp 23 to 25.5

Encroachment permit history in vicinity of planning study area:

Total 16:

Permit Number	Permit Type	Mile Point	Permit Issue Date
04-0698-04	Commercial Entrance	25.4	October, 2004
04-0294-03	Utility	23.3	May, 2003
04-0104-02	Street Improvement	23.5	June, 2002
04-0105-02	Utility	23.51	June, 2002
04-0458-01	Utility	25	July, 2001
04-0352-98	Commercial Entrance	25.24	June, 1998
04-0233-93	Commercial Entrance	24.55	April, 1993
04-0580-97	Festival (blocked street side parking)	25.4	September, 1997
04-0507-97	Street Improvement (Drainage)	25.5	August, 1997
04-0374-97	Sidewalk Replacement	25.5	June, 1997
04-0133-94	Commercial Entrance	25.25	April, 1994
04-0256-94	Commercial Entrance	23.1	May, 1994
04-0778-93	Commercial Entrance	24.4	November, 1993
04-0702-93	Utility	0 to 34	October, 1993
04-0209-94	Grading in ROW	24.9	May, 1994
04-0173-94	Commercial Entrance	24..3	April, 1994

Grayson County, US 62 mp 23 to 25.5  
Recycler permit history in vicinity of planning study area:  
Total 3:

Permit Number	INACTIVE	Mile Point	Permit Issue Date	Permit Expiration Date
RP-04-0003-89	INACTIVE	23.1	December, 1988	June, 1994
RP-04-0002-92	INACTIVE	24.0	May, 1992	June, 1994
RP-04-0001-92	ACTIVE	24.3	June, 1993	June, 2006



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AUG 06 2007

**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 31, 2007

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

Dear Mr. Greer:

This letter is to summarize any geologic concerns for the planning study:

Grayson County  
U.S. 62 reconstruction from Ky. 3155 in Leitchfield, Ky., to Ky. 224 in Clarkson,  
Ky.  
Item No. 4-8303.00

**Physiographic Region**

The planning study area is in the Mississippian Plateau (Pennyroyal or Pennyrile) Physiographic Region, which is underlain by sandstone (some friable), limestone (argillaceous in parts), and shale

**Karst Potential**

The planning study area might encounter karst features such as sinkholes and caves.

**Landslide Potential**

The planning study area would not encounter any pre- or post-landslide hazard.

**Unconsolidated Sediments**

The planning study area would not encounter unconsolidated sediments, such as clay, silt, sand, gravel, and chert rubble in the streams.

**Resource Conflicts**

The planning study area would not encounter resource conflicts such as prior ownership of property for quarrying or mining



**Materials Suitability**

The planning study area would not encounter any material suitable for road construction. Some of the thicker shales might have a tendency to expand. The sandstone layers might be poorly cemented in areas.

**Fault Potential**

The study area would encounter faulted areas.

**Earthquake Ground Motions**

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

Sincerely,

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

Richard A. Smath  
Geologist