

KENTUCKY TRANSPORTATION CABINET FRANKFORT, KENTUCKY 40622 WWW.KENTUCKY.GOV

Maxwell C. Bailey Secretary

May 25, 2004

«Mailing_Title» «First_Name» «Last_Name» «Suffix»

«Title»

ERNIE FLETCHER

GOVERNOR

«Organization»

«Address1»

«Address2»

«City», «State» «Zip»

Dear «Letter_Title» «Last_Name»:

SUBJECT:

Pre-Design Scoping Study

Widen US 421/KY 80 to three lanes from the US 421/KY 80/KY 11

intersection to KY 149, Lockards Creek Road

Item No. 11-8003.00, Clay County

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 is conducting a pre-design scoping study to evaluate the proposed widening of US 421/KY 80 to three lanes from the US 421/KY 80/KY 11 intersection in Manchester south to KY 149, Lockards Creek Road, in Clay County. 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 evaluation of proposed alternatives, environmental issues, and impacts related to the proposed project. We believe that early identification of issues or concerns can help us develop highway project alternatives to avoid or minimize negative impacts.

We respectfully ask that you provide us with your comments by July 12, 2004, 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, 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.

«Mailing_Title» «Last_Name» Page 2 May 25, 2004

Other Transportation Cabinet offices 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:

- Study Fact Sheet
- Project Location Map
- Year 2002 Traffic and Level of Service
- Year 2030 Traffic and Level of Service
- Vehicle Crash Information
- Highway Information Systems (HIS) Tables

We appreciate any input you can provide concerning this project. Please direct any comments, questions, or requests for additional information to David Martin of the Division of Planning at 502/564-7183 or at charles.martin@ky.gov. Please address all written correspondence to Annette Coffey, P.E., Director, Division of Planning, Kentucky Transportation Cabinet, 200 Mero Street, Station W5-05-01, Frankfort, KY 40622.

Sincerely,

Annette Coffey, P.E.

Runte Coffee

Director

Division of Planning

AC:CDM:RC

Enclosures

c: Jose Sepulveda (w/e)
Glenn Jilek (w/e)
David Whitworth (w/e)
Clay McKnight – CVADD (w/e)
Kevin Damron
Joel Holcomb
Greene Keith
George Best
David Waldner
Tom Koos (w/e)
Dean Croft

Sandy Rudder

Ms. LaVerne Reid District Manager Airports District Office, Federal Aviation Administration 3385 Airways Blvd., Suite 302 Memphis TN 38116

Mr. Donald C. Storm Adjutant General Department of Military Affairs Boone Nat'l Guard Ctr.,100 Minuteman Pky. Frankfort KY 40601

Mr. George Crothers
Director, Office of State Archaeology
Dept. of Anthropology, University of Kentucky
211 Lafferty Hall
Lexington KY 40506-0024

Ms. Margie Shouse Independent Hauler Association 905 Nebo Road P.O. Box 178 Madisonville KY 42431

Kentuckians for The Commonwealth 105 Reams Street P.O. Box 1450 London KY 40743

Mr. John Houlihan Kentucky Airport Zoning Commission Transportation Office Building, W3-09-02 200 Mero Street Frankfort KY 40622

Mr. Ken Oilschlager President Kentucky Chamber of Commerce Executives, Inc. 464 Chenault Road Frankfort KY 40601 American Association of Truckers P.O. Box 487 Benton KY 42025

Mr. George Ward Commissioner Department of Parks 10th Floor, Capital Plaza Tower, 500 Mero St. Frankfort KY 40601

Mr. William Straw, Ph.D.
Regional Environmental Officer
Federal Emergency Management Agency, Region IV
3003 Chamblee-Tucker Road
Atlanta GA 30341-4130

Mr. Jack Fish President Kentuckians for Better Transportation 10332 Bluegrass Parkway Louisville KY 40299

Mr. James Holsinger Secretary Kentucky Health and Family Services Cabinet 275 East Main Frankfort KY 40601

Mr. Bob Arnold Executive Director Kentucky Association of Counties 380 King's Daughters Drive Frankfort KY 40601

Mr. Richie Farmer Commissioner Kentucky Department of Agriculture Capitol Annex, Room 188 Frankfort KY 40601 Mr. Bob Logan Commissioner Kentucky Department of Environmental Protection 14 Reilly Road Frankfort KY 40601

Ms. Susan Bush Commissioner Kentucky Department of Nat'l. Resources 663 Teton Trail Frankfort KY 40601

Mr. Carl Campbell Commissioner Kentucky Dept. of Surface Mining Reclamation and Enforcement # 2 Hudson Hollow Frankfort KY 40601

Mr. John Lyons Director Kentucky Division of Air Quality 803 Schenkel Lane Frankfort KY 40601

Mr. Robert Daniel Director Kentucky Division of Waste Management 14 Reilly Road Frankfort KY 40601

Mr. Marvin E. Strong , Jr. Secretary Kentucky Economic Development Cabinet Capital Plaza Tower, 500 Mero St. Frankfort KY 40601

Mr. Jim Cobb State Geologist & Director Kentucky Geological Survey, University of Kentucky 228 Mining and Mineral Resources Bldg. Lexington KY 40506 Mr. C. Thomas Bennett Commissioner Kentucky Department of Fish and Wildlife Resources Arnold L. Mitchell Bldg., #1 Game Farm Rd. Frankfort KY 40601

Mr. Pat Simpson Commissioner Kentucky Department of State Police 919 Versailles Road Frankfort KY 40601

Kentucky Disabilities Coalition P.O. Box 1589 Frankfort KY 40602-1589

Mr. Kenneth Frost Director Kentucky Division of Vehicle Enforcement Transportation Office Building, Suite T-500 200 Mero Street Frankfort KY 40622

Mr. Jeff Pratt Director Kentucky Division of Water 14 Reilly Road Frankfort KY 40601

Mr. John Bird Executive Director Kentucky Forward 464 Chenault Road Frankfort KY 40601

Mr. David L. Morgan Executive Director Kentucky Heritage Council 300 Washington Street Frankfort KY 40601 Mr. John D. Overing Kentucky Heritage Resource Conservation & Development Council 227 Morris Drive Harrodsburg KY 40330

Kentucky Industrial Development Council, Inc. 109 Consumer Lane, Ste. A
Frankfort KY 40601-8489

Mr. Ned Sheehy President Kentucky Motor Transport Association 134 Walnut Street Frankfort KY 40601

Mr. Donald S. Dott , Jr. Executive Director Kentucky Nature Preserves 801 Schenkel Lane Frankfort KY 40601

Mr. Beecher Hudson Executive Director Kentucky Public Transit Association c/o Louisville Red Cross P.O. Box 1675 Louisville KY 40201

Mr. W. James Host Secretary Kentucky Commerce Cabinet Capital Plaza Tower, 24 Floor 500 Mero Street Frankfort KY 40601

Mr. Dexter Newman Director KYTC, Division of Construction Transportation Office Building, W3-06-01 200 Mero Street Frankfort KY 40622 Mr. Kent Whitworth Director Kentucky Historical Society 100 W. Broadway Frankfort KY 40601

Ms. Sylvia L. Lovely
Executive Director
Kentucky League of Cities, Inc.
101 East Vine Street, Ste. 600
Lexington KY 40507

Ms. LaJuana Wilcher Secretary Kentucky Natural Resources and Environmental Protection Cabinet Capital Plaza Tower, 5th Floor Frankfort KY 40601

Ms. Vickie Bourne Executive Director Kentucky Office of Transportation Delivery Transportation Office Building, W3-10-01 200 Mero Street Frankfort KY 40622

Ms. Marcheta Sparrow President Kentucky Tourism Council TARC,1100 US127 S., Bldg. C Frankfort KY 40601

Mr. Allan Frank Acting Director KYTC, Division of Bridge Design Transportation Office Building, E3-16-01 200 Mero Street Frankfort KY 40622

Mr. David Waldner
Director
KYTC, Division of Environmental Analysis
Transportation Office Building, W5-22-02
200 Mero Street
Frankfort KY 40622

Mr. Wesley Glass Director KYTC, Division of Materials Frankfort KY 40622

Mr. Chad Larue
Branch Manager
KYTC, Permits Branch
Transportation Office Building, E3-04-03
200 Mero Street
Frankfort KY 40622

Ms. Virginia Fox Secretary Education Cabinet Capital Plaza Tower, 3rd Floor Frankfort KY 40601

Ms. Helen Cleary President Scenic Kentucky P. O. Box 2646 Louisville KY 40201

Mr. Heinz Mueller Attorney U. S. Environmental Protection Agency, Region 4 Office 13th Floor, Atlanta Federal Ctr. 61 Forsyth St. SW Atlanta GA 30303

Mr. Kenneth W. Holt U.S. Dept. of Health & Human Serv., Center for Disease Control, Emergency And Environmental Health Services Division Mail Stop F-16 4770 Buford Highway, N.E. Atlanta GA 30341-3724

Mr. Roger Wiebusch Bridge Administrator United States Coast Guard, Bridge Branch 1222 Spruce Street St. Louis MO 63103 Mr. Chuck Knowles
Director
KYTC, Division of Traffic Operations
Transportation Office Building, E3-04-03
200 Mero Street
Frankfort KY 40622

Ms. Laura Owens Commissioner Workforce Investment Capital Plaza Tower, 3rd Floor Frankfort KY 40601

Mr. James Aldridge Director Nature Conservancy - Kentucky Chapter 642 West Main Street Lexington KY 40508

Mr. Oscar Geralds Sierra Club 259 West Short Street Lexington KY 40507

Mr. David Sawyer State Conservationist U.S. Dept. of Agriculture, Natural Resources Conservation Service 711 Corporate Drive, Suite 110 Lexington KY 40503

Mr. Lee Andrews Field Supervisor U.S. Dept. of the Interior, Fish and Wildlife Service 3761 Georgetown Road Frankfort KY 40601

The Honorable Jim Bunning United States Senator United States Senate 316 Hart Senate Office Building Washington DC 20510 The Honorable Mitch McConnell United States Senator United States Senate 361-A Russell Senate Office Building Washington DC 20510

Colonel Robert A. Rowlette ,Jr.
District Engineer
U. S'. Army Corps of Engineers, Louisville District
P.O. Box 59
Louisville KY 40201

Mr. Kevin W. Lawrence
Planning Staff Officer
U.S. Dept. of Agriculture, Forest Service, Daniel Boone Nat'l
Forest
1700 Bypass Road
Winchester KY 40391

Mr. Tom Schomaker Director KYTC Division of Maintenance Transportation Office Building, E3-05-01 Frankfort KY 40601

The Honorable James G. Garrison Clay County Judge/Executive 303 Main Street Manchester KY 40962

Mr. Charles Weaver Fire Chief RR 7 Manchester KY 40962

Mr. Mike White Water/Sewer Superintendent 239 Memorial Drive Manchester KY 40962 Mr. Thomas M. Hunter Executive Director Appalachian Regional Commission 1666 Connecticut Ave., NW Washington DC 20235

The Honorable Harold Rogers
United States Representative - District 5
U. S. House of Representatives
2406 Rayburn House Office Building
Washington DC 20515

Mr. John Milchick , Jr.
Kentucky State Coordinator
U.S. Department of Housing & Urban Development, Ky. State
Office
601 West Broadway
Louisville KY 40202

The Honorable Daugh K. White Mayor, City of Manchester 239 Memorial Drive Manchester KY 40962

Mr. Dennis Rice Police Chief 200 White Street Manchester KY 40962

Mr. Ernest Rice Planning & Zoning 105 Church Street Manchester KY 40962

Mr. Edward Jordan County Sheriff 216 Main Street Manchester KY 40962 Mr. Charles Marcum County Jailer Clay County Jail 115 South Court Street Manchester KY 40692

Mr. Stanley Bowling Magistrate 201 Bert Combs Lake Road Manchester KY 40962

Mr. Tommy L. Harmon Magistrate 295 Paces Creek Road Manchester KY 40962

Mr. Clinton Johnson Magistrate 9211 Hwy N. 421 Manchester KY 40962

Mr. Johnny Gregory Magistrate General Delivery Hima KY 40951

Mr. Terry Davidson Magistrate Rt 1 Box 281 Oneida KY 40972

Mr. Ray Hooker County Road Supervisor 1351 Paces Creek Road Manchester KY 40962

Mr. Herman Johnson Health Department Court House Hill Manchester KY 40962

Ms. Marian Marcum
US Department of Agriculture
214 Main Street
Manchester KY 40962

Mr. Joe Swafford Chamber of Commerce 212 Main Street Manchester KY 40962

Mr. Doug Adams Superintendent Clay County Board of Education 121 Richmond Road Manchester KY 40962

Mr. Teddy R. Smith PO Box 114 Garrard KY 40941-0114

MEMORANDUM

P-2-04

TO:

Annette Coffey, P.E.

Director

Division of Planning

FROM:

William Broyles P. E.

Geotechnical Engineering

Branch Manager Division of Materials

BY:

Michael Blevins P. G.

Geotechnical Branch

DATE:

July 8, 2004

SUBJECT:

Clay County

US. 421/KY.80 Widening

Item # 11-8003.0

The Branch has reviewed the project and has the following comments:

The project lies upon bedrock in the Breathitt Formation. The Manchester Geologic Quadrangle map indicates that the project should encounter sandstone in the cut sections from Manchester to Garrard which is suitable for constructing embankments and rock roadbed. Shale and siltstone will likely be encountered south of Garrard in cut sections.

The main concern of the Geotechnical Branch is the underground mining that has occurred in the Manchester Coal Bed along the existing 421/80 route. The coal bed out crops at elevation 940(+-) in the area of Manchester and dips to the southeast down to approximately at elevation 880(+-) in the area of Garrard. The Branch recommends that any widening through cut sections be held to a minimum so that the existing mines and adits are not disturbed.

Any mines and/or adits that are encountered in the cuts will require pneumatic back stowing to prevent subsidence and also to prevent cut slope failures. Any mines encountered on the east side of the hill sides will likely contain water which would lead to acidic runoff conditions. The mine water runoff may require mitigation measures to eliminate the acidic runoff. This may be accomplished by lining the ditches with Limestone and constructing detention basins.

Embankment benching may be required in existing fill sections if new fill material is placed over existing embankments.

If there are any questions, please advise.

Martin, David (KYTC)

From:

Sent:

Blevins, Mike L (KYTC-WSC) Wednesday, July 07, 2004 1:04 PM Annette Coffey

To:

Cc:

Martin, David (KYTC) Clay County 11-8003.00

Subject:

Attached are the Geotechnical Branch's comments for the subject project. If there are any questions, please advise.



Clay421-80plan.DOC

Martin, David (KYTC)

From:

Palmer-Ball, Brainard (EPPC, KSNPC)

Sent:

Wednesday, June 02, 2004 9:16 AM

To:

Martin, David (KYTC)

Subject:

KSNPC response to Pre-Design Scoping Study

TO: David Martin, KTC, Div of Planning

FROM: B. Palmer-Ball, Jr., KSNPC

DATE: June 2, 2004

RE: Widening of US 421/KY 80 in Clay Co.

KSNPC has reviewed the Pre-Design Scoping plans for this project. There is one KSNPC-monitored plant, Appalachian rosinweed (*Silphium wasiotense*, KSNPC Special Concern and US Fish and Wildlife Service Species of Management Concern) that is known to occur in the general vicinity of the project. KTC should include provisions for avoiding populations of this plant during the planning process.

United States Department of Agriculture



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

Annette Coffey, P.E.

June 10, 2004

phone: (606) 598-5132

Director, Division of Planning Kentucky Transportation Cabinet 200 Mero Street, Station W5-05-01 Frankfort, KY 40622

Dear Ms. Coffey:

In regards to the pre-design scoping study for the proposed widening of US 421/KY 80 to three lanes from the US 421/KY 80/KY 11 intersection in Manchester south to KY 149, Lockards Creek Road, in Clay County, the USDA-Natural Resources Conservation Service (NRCS) is concerned with potential impacts that the 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

 $\frac{http://www.nrcs.usda.gov/programs/fppa/pdf_files/AD1006.PDF}{http://www.nrcs.usda.gov/programs/fppa/pdf_files/CPA106.pdf}.$

The contact person is:

Jeffrey W. Moore, District Conservationist USDA-Natural Resources Conservation Service 214 Main Street Manchester, KY 40962-1295

Mr. Moore can help in identifying important farmlands in the proposed project area.

To further assist with the planning efforts, I am enclosing a CD containing ArcView GIS shapefiles of basic soils information for the project study area. The soil database table includes a column for "farmland classification-all components" (farmclac) that identifies prime farmlands and soils of statewide importance.

Sincerely,

DAVID G. SAWYER State Conservationist

Enclosure

cc: Jeffrey W. Moore, District Conservationist, Manchester, KY Robert L. Bradley, Area Conservationist, Mt. Sterling, KY



DIV OF PLANNING

COMMONWEALTH OF KENTUCKY ENVIRONMENTAL AND PUBLIC PROTECTION CABINETUN - 4 A 9: 09

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

DIVISION FOR AIR QUALITY 803 SCHENKEL LN FRANKFORT, KY 40601-1403

June 2, 2004

Ms. Annette Coffey, P.E. Director, Division of Planning Kentucky Transportation Cabinet 200 Mero Street Station W5-05-01 Frankfort, Kentucky 40622

Dear Ms. Coffey,

The Division has reviewed the Planning Study for evaluating the proposed widening of US 421/KY 80 to three lanes from the US 421/KY 80/KY 11 intersection in Manchester south to KY 149, Lockards Creek Road, in Clay County, Item Number 11-8003.00. 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/e_clearinghouse.html.

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 incorporated by reference in 401 KAR 63:005 Section 3, Prohibition of Open Burning. The Fact Sheet is located at http://www.air.ky.gov/e_clearinghouse.html.

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.

Ms. Annette Coffey Letter June 2, 2004 Page 2

1

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

Sincerely

John E. Gowins

Supervisor, Evaluation Section

Program Planning & Administration Branch

JEG/jmf

July 12, 2000 OF PLANNING

2004 JUL 14 P 1: 15

Ms. Annette Coffey, P.E. Director, Division of Planning Kentucky Transportation Cabinet W5-05-01 200 Mero Street Frankfort, KY 40622

RE: Pre-Design Scoping Study for Widening of US 421/80 in Clay County

Dear Ms. Coffey:

The accompanying letter from the Division of Conservation outlines their concerns. The other Divisions in DNR had no comment. Thank you. If you have any further questions, please call me at 564-2184 or email me at <u>Linda.potter@ky.gov</u>.

Sincerely,

Linda Potter

Executive Assistant to the Commissioner Kentucky Department for Natural Resources



ERNIE FLETCHER
GOVERNOR

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

Division of Conservation
663 Teton Trail
Frankfort, Kentucky 40601
Phone (502) 564-3080 Fax (502) 564-9195
www.kentucky.gov

LaJuana S. Wilcher Secretary

STEPHEN A. COLEMAN DIRECTOR

July 12, 2004

Ms. Annette Coffey, P.E. Director, Division of Planning Kentucky Transportation Cabinet W5-05-01 200 Mero Street Frankfort, KY 40622

Subject: Pre-Design Scoping Study for Widening of US 421/KY 80 in Clay County

Dear Ms. Coffey:

As requested, the Division of Conservation has reviewed the proposed study to widen US 421/KY 80 in Clay County and 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 in 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 Clay County (NRCS 2003), and Important Farmland Soils of Kentucky (NRCS 1981). Both documents are available through this office. The soil following information also be downloaded at the web site: can 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.

Ultimate and

Ms. Annette Coffey July 12, 2004 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 Jackson County Conservation District, the Kentucky Division of Water, or this office.

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

Sincerely,

Stephen A. Coleman, Director

Kentucky Division of Conservation

SAC/MD/aeh



DIV OF PLANNING UNIVERSITY OF KENTUCKY

2004 JUN 14 P 12: 00

4454461 St.

Kentucky Geological Survey

Research and Graduate Studies 228 Mining and Mineral Resources Building Lexington, KY 40506-0107

Phone: (859) 257-5500 Fax: (859) 257-1147 www.uky.edu/kgs

June 9, 2004

Annette Coffey, P.E. Director Division of Planning Kentucky Transportation Cabinet 125 Holmes Street Frankfort, Kentucky 40622

Dear Ms. Coffey:

This letter is to summarize any geologic concerns for the pre-design scoping study: Widen U.S. 421/ Ky. 80 to three lanes from U.S. 421/Ky. 80/Ky. 11 intersection to Ky. 149, Lockards Creek Road. Item No. 11-8003.00, Clay County.

Physiographic Region

The pre-design scoping study area is in the Eastern Kentucky Coal Field physiographic region, which is underlain by sand, silt, gravel, clay, sandstone, shale, siltstone, coal, and underclay.

Karst Potential

The study should not encounter any karst features such as sinkholes or caves.

Landslide Potential

The study area probably will encounter pre- or post-landslide hazards.

Unconsolidated Sediments

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

Resource Conflicts

The study area might encounter some resource conflicts such as prior ownership of property for coal mining.

Mine Hazard Potential

Near Manchester there may be potential of encountering some old adits and mined out areas in the Manchester coal.



Materials Suitability

The study area would not encounter any material suitable for construction stone.

Fault Potential

The study area probably would not encounter any faults.

Earthquake Zone

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

Sincerely,

Richard A Smath

Geologist

cc Mike Blevins



KENTUCKY TRANSPORTATION CABINET FRANKFORT, KENTUCKY 40622 www.kentucky.gov

DIV OF PLANNING

2004 JUN - 1 A 10: 09

MAXWELL C. BAILEY
SECRETARY

ERNIE FLETCHER
GOVERNOR

<u>MEMORANDUM</u>

TO:

Annette Coffey

Director

Division of Planning

FROM:

M. Chad LaRue

Branch Manager 1

Permits

DATE:

May 27, 2004

RE:

Planning Study - Clay County

Item No. 11-8003.00

The Permits Branch has reviewed the data provided for subject study site and wish to offer the following.

- 1. We urge the Cabinet to classify this project and all new projects as partially controlled access facilities.
- 2. Assuming the project is partial control access, 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, assuming the access control is partial control, new deed for all adjoining property owners need to be executed to identify the access control even if no new R/W is acquired.
- 4. In addition, we would like to make every effort possible to have the design speed to be the same as anticipated posted speed when the project is complete.
- 5. We would like to see access control fence installed with the project.
- 6. 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.
- 7. 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.

Thank you for the opportunity to verbalize our concerns.

MCL/jr



DIV OF PLANNING

KENTUCKY TRANSPORTATION CABINAL JUN -4 A 9: 09

ERNIE FLETCHER
GOVERNOR

FRANKFORT, KENTUCKY 40622

WWW.KENTUCKY.GOV

MAXWELL C. BAILEY
SECRETARY

MEMORAND UM

TO:

Annette Coffey

Director

Division of Planning

FROM:

Greg Howard 6-1-04

Commissioner

Department of Vehicle Enforcement

DATE:

June 1, 2004

SUBJECT:

Pre-Design Scoping Study

Widen US 421/KY 80, Clay County

Item Number 11-8003.00

I am in receipt of the information you sent in regards to a pre-design scoping study to widen US 421/KY 80 to three lanes from the US 421/KY 80/KY 11 intersection to KY 149, Lockards Creek Road in Clay County.

After having my staff review the material, we concur it would be beneficial to widen this section of road. Again, as we have stated in the past, please keep in mind the necessity to accommodate large commercial vehicles.

If you need any further information, please let us know.



ERNIE FLETCHER
GOVERNOR

KENTUCKY DEPARTMENT OF TRAVEL

Commerce Cabinet
Capital Plaza Tower
500 Mero Street, 22nd Floor
Frankfort, Kentucky 40601-1968
Phone (502) 564-4930 Fax (502) 564-5695
www.kentuckytourism.com

W. JAMES HOST
SECRETARY
COMMERCE CABINET

RANDALL L. FIVEASH
COMMISSIONER
DEPARTMENT OF TRAVEL

September 1, 2004

Annette Coffee, P.E. Kentucky Transportation Cabinet Division of Planning W5-05-01 200 Mero Street Frankfort, Kentucky

Subject: Lockards Creek Road, Item #: 11-8003.00, Clay County

Dear Ms. Coffee,

Thank you for providing the opportunity to review and comment upon the alternatives being considered for the restructuring of roadways in Clay County

I have reviewed the material provided by your office relating to this project. Based upon the information provided by your office it appears this is an unsafe roadway whose safety issues are projected to escalate in the coming years. This is not a favorable trend when considering a roadway's ability to sustain a viable tourism industry.

It is also important that areas possessing historical and natural assets be preserved if at all possible. With that in mind I ask that the Kentucky Historical Society, Kentucky Heritage Council and the Kentucky Department of Fish and Wildlife be contacted, if this has not already occurred, to insure properties of interest to these agencies are not impacted in a negative manner. As I am sure you understand, this department works closely with these agencies in that properties of interest to them also impact the travel industry.

Your efforts to improve the Kentucky roadways are greatly appreciated. Providing safe and pleasant diving experiences will assist in our efforts to grow the tourism industry within the Commonwealth.

If I may be of further assistance please do not hesitate to contact my office. I can be reached at 564-4930.

Sincerely,

Randall Fiveash Commissioner

No. of the second secon	

U.S. Fish & Wildlife Service

Kentucky Ecological Services Field Office

U.S. Fish & Wildlife Service 3761 Georgetown Rd. Frankfort, KY 40601

1

Phone: 502-695-0468 Fax: 502-695-1024

Endangered, 1 Species in	Endangered, Threatened, & Candidate Species inCLAYCou	ate County, KY			
Group	Species	Common name	Legal* Status	Known** Potential	Special Comments
Mammals	Myotis sodalis	Indiana bat	Ш	Δ.	
NOTES:					

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

**Key to notations: K = Known occurrence record within the county, P = Potential for the species to occur within the county based upon historic range, proximity to known occurrence records, biological, and physiographic characteristics.

FWS 2005 SPP LIST.xls: CLAY

Martin, David (KYTC)

From:

Sent:

Houlihan, John (KYTC) Thursday, June 10, 2004 12:02 PM

To:

Martin, David (KYTC)

Subject:

Pre-Design Scoping Study Item No. 11-8003.00 Clay County

Mr. Martin, the proposed roadway will not have any adverse effect to air navigation. However if any equipment used in the construction exceeds 200 feet if height, a permit will be required. If you have any questions, feel free to call or email. Thank you.



DIV OF PLANNING

2004 JUL 19 P 12: 31

Centers for Disease Control and Prevention (CDC) Atlanta GA 30341-3724

July 14, 2004

Annette Coffey, P.E. Director, Division of Planning Kentucky Transportation Cabinet 125 Holmes Street Frankfort, Kentucky 40622

Dear Ms. Coffey:

This is in response to your letter of May 25, 2004 requesting our agency's input and comments on a planning study to determine the need for, and the potential impacts from the proposed widening of US 421/KY 80. We understand the project will run from the US 421/KY 80/KY 11 intersection in Manchester south to KY 149, Lackards Creek Road, in Clay County. We are responding on behalf of the Department of Health and Human Services (DHHS), U.S. Public Health Service.

While we have no project specific comments to offer at this time, we do recommend that the topics listed below be considered during the NEPA process along with other necessary topics, and addressed if appropriate. Mitigation plans which are protective of the environment and public health should be described in the DEIS wherever warranted.

AREAS OF POTENTIAL PUBLIC HEALTH CONCERN:

I. Air Quality

- dust control measures during project construction, and potential releases of air toxins potential process air emissions after project completion
- compliance with air quality standards

II. Water Quality/Quantity

- special consideration to private and public potable water supply, including ground and surface water resources
- compliance with water quality and waste water treatment standards
- ground and surface water contamination (e.g. runoff and erosion control)
- body contact recreation

III. Wetlands and Flood Plains

- · potential contamination of underlying aquifers
- construction within flood plains which may endanger human health
- contamination of the food chain

Page 2 - Annette Coffey, P.E.

IV. Hazardous Materials/Wastes

- identification and characterization of hazardous/contaminated sites
- safety plans/procedures, including use of pesticides/herbicides; worker training
- spill prevention, containment, and countermeasures plan

V. Non-Hazardous Solid Waste/Other Materials

• any unusual effects associated with solid waste disposal should be considered

VI. Noise

• identify projected elevated noise levels and sensitive receptors (i.e. residential, schools, hospitals) and appropriate mitigation plans during and after construction

VII. Occupational Health and Safety

· compliance with appropriate criteria and guidelines to ensure worker safety and health

VIII. Land Use and Housing

- special consideration and appropriate mitigation for necessary relocation and other potential adverse impacts to residential areas, community cohesion, community services
- demographic special considerations (e.g. hospitals, nursing homes, day care centers, schools
- consideration of beneficial and adverse long-term land use impacts, including the potential influx of people into the area as a result of a project and associated impacts
- potential impacts upon vector control should be considered

IX. Environmental Justice

• federal requirements emphasize the issue of environmental justice to ensure equitable environmental protection regardless of race, ethnicity, economic status or community, so that no segment of the population bears a disproportionate share of the consequences of environmental pollution attributable to a proposed project. (Executive Order 12898)

While this is not intended to be an exhaustive list of possible impact topics, it provides a guide for typical areas of potential public health concern which may be applicable to this project. Any health related topic which may be associated with the proposed project should receive consideration when developing the draft and final EISs. Please furnish us with one copy of the draft document when it becomes available for review.

Sincerely yours,

Paul Joe, DO, MPH

Medical Officer

National Center for Environmental Health (F16)

Centers for Disease Control & Prevention

CLAY COUNTY FISCAL COURT DIV OF PLANNING

303 Main Street

2004 AUG -4 A 10: 33

606/598/2071

Manchester, KY 40962

Annette Coffey, P.E., Director Division of Planning Kentucky Transportation Cabinet 200 Mero Street, Station W5-05-01 Frankfort, KY 40622 August 3, 2004

Dear Ms. Coffey:

I would like to take this opportunity to address the US 421 Scoping Study for US 421 and KY 80 in Clay County. This is a much-needed project for our community. The area being addressed is the center of commercial growth in and around=d Manchester and new facilities are being planned and are under construction as we address the project. The number of units traveling the road is much greater than the design for the road. Improvements will improve the community's transportation system as a whole. After looking at the proposed improvements the environmental concerns would be minimal during construction and no adverse effects would occur as a result of improvements. The economic benefits would be beneficial to the community and the proposed project would enhance opportunities for greater economic impacts in the area.

The consideration of no action would not benefit anyone. The congestion will continue to increase and the potential for property damage via accidents will increase without some improvements to the roadway. The three elementary schools located along the route present problems without the additional public agencies located along the route.

Thank you for your consideration of our input and we will be happy to meet with you and your staff to provide specific information not available relating to the commercial, educational and institutional services existing and proposed.

Best regards,

James Garrison, Judge Executive

Joe Swafford, Director

Chamber of Commerce



KENTUCKY TRANSPORTATION CABINET FRANKFORT, KENTUCKY 40622 WWW.KENTUCKY.GOV

MAXWELL C. BAILEY
SECRETARY

ERNIE FLETCHER
GOVERNOR

May 25, 2004

Mr. Carl Campbell Commissioner Kentucky Dept. of Surface Mining Reclamation and Enforcement # 2 Hudson Hollow Frankfort, KY 40601

Dear Mr. Campbell:

SUBJECT:

Pre-Design Scoping Study

Widen US 421/KY 80 to three lanes from the US 421/KY 80/KY 11

intersection to KY 149, Lockards Creek Road

Item No. 11-8003.00, Clay County

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 is conducting a pre-design scoping study to evaluate the proposed widening of US 421/KY 80 to three lanes from the US 421/KY 80/KY 11 intersection in Manchester south to KY 149, Lockards Creek Road, in Clay County. 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 evaluation of proposed alternatives, environmental issues, and impacts related to the proposed project. We believe that early identification of issues or concerns can help us develop highway project alternatives to avoid or minimize negative impacts.

We respectfully ask that you provide us with your comments by July 12, 2004, 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, 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.

Mr. Campbell Page 2 May 25, 2004

Other Transportation Cabinet offices 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:

- Study Fact Sheet
- Project Location Map
- Year 2002 Traffic and Level of Service
- Year 2030 Traffic and Level of Service
- Vehicle Crash Information
- Highway Information Systems (HIS) Tables

We appreciate any input you can provide concerning this project. Please direct any comments, questions, or requests for additional information to David Martin of the Division of Planning at 502/564-7183 or at charles.martin@ky.gov. Please address all written correspondence to Annette Coffey, P.E., Director, Division of Planning, Kentucky Transportation Cabinet, 200 Mero Street, Station W5-05-01, Frankfort, KY 40622.

Sincerely,

Annette Coffey, P.E.

Runtte Coffee

Director

Division of Planning

AC:CDM:RC

Enclosures

c: Jose Sepulveda (w/e)
Glenn Jilek (w/e)
David Whitworth (w/e)
Clay McKnight – CVADD (w/e)
Kevin Damron
Joel Holcomb
Greene Keith
George Best
David Waldner
Tom Koos (w/e)
Dean Croft
Sandy Rudder

Commander Eighth Coast Guard District 1222 Spruce Street St. Louis, MO 63103-2832 Staff Symbol: obr Phone: (314)539-3900, x2 Fax: (314)539-3755 Email:

16591.6/Horse Creek KY June 10, 2004

Ms. Annette Coffey, P.E. Director, Division of Planning Kentucky Transportation Cabinet Frankfort, KY 40622

Subj: PRE-DESIGN SCOPING STUDY, US 421/KY 80, CLAY COUNTY ITEM NO. 11-8003.00

Dear Ms Coffey:

We have reviewed the information provided in your letter of May 25, 2004, and determined that the subject project will 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,

ROGER K. WIEBUSCH

Bridge Administrator

By direction of the District Commander



ERNIE FLETCHER
GOVERNOR

DIV OF PLANNING

COMMERCE CABINET

DEPARTMENT OF FISH & WILDLIFE RESOURCES
#1 GAME FARM ROAD
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-3400 FAX (502) 564-0506
(800) 858-1549
www.kentucky.gov

2004 JUL - b W. QAMES HOST SECRETARY, COMMERCE CABINET

C. TOM BENNETT COMMISSIONER

June 28, 2004

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

Re:

Threatened/Endangered species review; Pre-Design Scoping Study, Widening of US 421/KY 80, Item No. 11-8003.00, Clay County, Kentucky

Dear Ms. Coffey:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for the above-referenced information. The Kentucky Fish and Wildlife Information System indicates that no federally threatened or endangered (T&E) fish and wildlife are known to occur in the Manchester 7.5 minute USGS quadrangle(s). Please be aware that our database system is a dynamic one that only represents our current knowledge of the various species distributions.

Based on the information provided, KDFWR cannot determine the extent of impacts to fish and wildlife resources without knowing the extent of the proposed project. When further information is available to our agency we can make a final determination regarding environmental impacts.

I hope this information will be helpful to you. Should you require additional information, please contact me at (502) 564-7109, ext. 367.

agla Barbone Callaghan

Sincerely,

Marla T. Barbour Callaghan

Fisheries Biologist III

cc: Environmental Section File



OFFICE TELEPHONE (502) 564-5126 FAX: (502) 564-5016 TTY: (502) 564-2075

Commonwealth of Kentucky

Department of Agriculture

Office of the Commissioner

Capitol Annex, Suite 188

Frankfort, KY 40601

May 26, 2004

Ms. Annette Coffey, P.E. Director
Division of Planning
Kentucky Transportation Cabinet
W5-05-01
200 Mero Street
Frankfort, Kentucky 40622

RE: Pre-Design Scoping Study

Widen US 421/KY 80 to three lanes from the US 421/KY 80/KY 11

Intersection to KY 149, Lockards Creek Road

Item No. 11-8003.00, Clay County

Dear Ms. Coffey:

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

Yours truly

Mark Farrow-Chief of Staff 型 28 U 元



ERNIE FLETCHER
GOVERNOR

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

DEPARTMENT FOR NATURAL RESOURCES
663 TETON TRAIL
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-2184 Fax (502) 564-6193

www.naturalresources.ky.gov www.kentucky.gov

June 7, 2004

LAJUANA S. WILCHER SECRETARY

SUSAN C. BUSH
COMMISSIONER

Ms. Annette Coffey, P.E. Director Division of Planning Kentucky Transportation Cabinet, W5-05-01 200 Mero Street Frankfort, Kentucky 40622

RE: Pre-Design Scoping Study

Widen US 421/KY 80 to three lanes from the US 421/KY 80/KY 11 intersection to KY

149, Lockards Creek Road

Item No. 11-8003.00, Clay County

Dear Ms. Coffee:

Reference is made to your correspondence of May 25, 2004 regarding a Kentucky Transportation Cabinet pre-design scoping study to evaluate the proposed widening of US 421 / KY 80 to three lanes from the US 421 / KY 80 / KY 11 intersection in Manchester south to KY 149, Lockards Creek Road in Clay County. Department of Natural Resources personnel have reviewed the above referenced document and could not identify any specific issues or agency concerns with any of the proposed construction activity.

Thank you for the opportunity to review and provide comment on this matter. Please let us know if you have any questions or if we can be of further assistance.

Sincerely,

Susan C. Bush, P.G.

Commissioner

Martin, David (KYTC)

From:

Harman, Charles L (WFD-FK)

Sent:

Thursday, June 03, 2004 11:47 AM

To:

Martin, David (KYTC)

Cc:

Owens, Laura (Education Cabinet); Hamilton, Sally (Education Cabinet)

Subject:

Item 11-8003.00 - Pre-Design Scoping Study

David - The Education Cabinet has reviewed the subject study for Clay County. We have not identified any adverse impacts on our operations. This response also addresses the notification sent to Laura Owens, Commissioner, Department for Workforce Investment.

If you need additional information, please contact me at 564-6606 or by e-mail.

ch

Charlie Harman
Office of Budget and Administrative Services
Education Cabinet
502.564.6606

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ERNIE FLETCHER GOVERNOR

DEPARTMENT OF PARKS

COMMERCE CABINET CAPITAL PLAZA TOWER 500 Mero Street, 11[™] Floor FRANKFORT, KENTUCKY 40601-1974 PHONE (502) 564-2172 Fax (502) 564-9015 parks.ky.gov

June 1, 2004

DIV OF PLANNING

7004 JUN -4 AWAJARS HOST

SECRETARY COMMERECE CABINET

GEORGE WARD COMMISSIONER DEPARTMENT OF PARKS

Ms. Annette Coffey, P.E., Director Division of Planning Kentucky Transportation Cabinet W5-05-01 200 Mero Street Frankfort, Kentucky 40622

> Re: Pre-Design Scoping Study

Clay County Widen US 421

Item No. 11-8003.00

Dear Ms. Coffey:

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:

Mr. George Ward, Commissioner

Kentucky Department of Parks

9 wood

C: John Drake



DIV OF PLANNING

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COMMONWEALTH OF KENTUCKY KENTUCKY STATE POLICE

919 VERSAILLES ROAD FRANKFORT KY. 40601

ERNIE FLETCHER
GOVERNOR

MARK L. MILLER
COMMISSIONER

June 2, 2004

Ms. Annette Coffey, P.E. Director, Division of Planning Transportation Cabinet, W5-05-01 200 Mero Street Frankfort, Kentucky 40622

Dear Ms. Coffey:

I am in receipt of your correspondence concerning a planning study of widening US 421/KY 80 to three lanes from the US 421/KY 80/KY 11 intersection in Manchester south to KY 149, Lockards Creek Road, in Clay County.

I have forwarded your remarks to Captain Gary Peercy, Commander of the London Post. He can be reached at (606) 878-6622. Thank you for including our input during the planning stages of this development.

Sincerely,

Shelby Lawson, Jr., Major

East Troop Commander

SL:cjh

cc: Mark L. Miller, Commissioner Captain Gary Peercy, Post 11

