

ED WHITFIELD
1ST DISTRICT, KENTUCKY

WASHINGTON OFFICE:
2368 RAYBURN HOUSE OFFICE BUILDING
WASHINGTON, DC 20515-1701
(202) 225-3115
FAX: (202) 225-3547
www.house.gov/whitfield

Congress of the United States
House of Representatives
Washington, DC 20515-1701

D-2 Kevin M.
COMMITTEE ON
ENERGY AND COMMERCE
SUBCOMMITTEES:
CHAIRMAN
ENERGY AND POWER
HEALTH
ENVIRONMENT AND ECONOMY

August 11, 2011

Transportation Cabinet
200 Mero St
Transportation Cabinet Bldg.
Frankfort, Kentucky 40601

Dear Secretary:

My constituent, Ms. Christy N. Coy, Clay, KY, has requested that I provide the enclosed information for your review.

Please feel free to contact Janet Walton of my staff at 270-885-8079 if we can provide any additional information.

Thank you for your assistance in this matter.

Sincerely,



Ed Whitfield
Member of Congress

~~P.S. If you would like to receive my monthly e-newsletter, please sign up on my website at
www.whitfield.house.gov~~

EW:jw

2011 AUG 16 P 1:19

DISTRICT OFFICES:

FIRST FLOOR
1403 SOUTH MAIN STREET
HOPKINSVILLE, KY 42240
(270) 885-8079
(800) 328-5629
FAX: (270) 885-8598

SUITE F
200 NORTH MAIN
TOMPKINSVILLE, KY 42167-1548
(270) 487-9509
FAX: (270) 487-0019

SUITE 224
222 FIRST STREET
HENDERSON, KY 42420
(270) 826-4180
FAX: (270) 826-6783

ROOM 104
100 FOUNTAIN AVENUE
PADUCAH, KY 42001
(270) 442-6901
FAX: (270) 442-6805

397 Vick St
Clay, KY 42404

August 9, 2011

Congressman Ed Whitfield
1403 S Main St
Hopkinsville, KY 42240

Dear Mr. Whitfield

I am a resident of Clay Ky in Webster County. I work in Madisonville Ky and commute on Highway 41-A five to six days a week. In a perfect world, this drive should take 25-30 minutes, but due to heavy traffic, farm equipment, coal trucks, etc, it takes me sometimes 45 minutes to get to and from work. I travel frequently and must say this is the most frustrating highway I have ever driven on, and it happens to be the one I have to take every day, along with thousands of other citizens. This highway is one of the only connections for residents of Webster, Union and some Hopkins and Crittenden Counties, which means there are semis on this road among the regular car traffic.

In saying all of this, I would like to stress the urgency to turn Highway 41-A to a 4 lane road, particularly from Madisonville to Providence. I feel in doing so, not only would transportation become less stressful, but new business opportunities could arise. Widening of this major roadway would be a great sales pitch to new potential industries.

I know that I am not only speaking for myself. I know of Webster County residents who will not seek employment in Hopkins County because of the heavy traffic on that road, and vice versa for Hopkins County residents. When looking at the future, I would love for my children to be able to find employment in Western Ky but I would not wish that commute on anyone.

I would like to challenge you to travel this road on a week day, in the hours 7:00 a.m-8:00 a.m. and 4:00 p.m.-5:00 p.m. This would give you a true definition of my and tri county residents complaint.

Thank you for your time.....I sincerely hope you would please take my request to turn Highway 41-A into a 4 lane highway into consideration. I will be willing to do any part I could in pushing this forward. I can be reached at (270) 213-0766. I would love for you to be able to have part in leaving a legacy for our younger generations in this fine state!

Sincerely,

Christy Newton Coy



COPY

Steven L. Beshear
Governor

TRANSPORTATION CABINET
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Michael W. Hancock, P.E.
Secretary

August 30, 2011

Mr. Christy Newton Coy
397 Vick Street
Clay, Kentucky 42404

Dear Ms. Coy:

The Honorable Congressman Ed Whitfield has forwarded to me your letter concerning improving US 41A in Hopkins and Webster Counties. In your letter you raise many valid points and I understand the message that you are conveying. Ease of travel certainly does make a difference in the choices travelers make and in this case, you state that the benefits for widening this particular road will benefit an entire region, including several counties. Thank you for making these points.

Currently the Kentucky Transportation Cabinet has two items underway that deal directly with your concerns.

First, US 41A from Main St. in Madisonville, extending west to Industrial Drive is in the final stages of design. The Cabinet will be purchasing right-of-way soon to improve this existing 2-lane roadway to a 5-lane, and 3-lane facility with improved geometrics.

Secondly, from the end of this project to Providence an engineering study dealing with the topic of improving this specific section of US41A is currently underway. This study is the result of funding being placed in the Cabinet's "Highway Plan" by the Kentucky Legislature which means that a need as you described is recognized by your elected officials whose area include this section of US41A. By way of this letter, I am forwarding a copy of your letter and this response to the Engineering firm of Qk4 in Louisville who is conducting the study, for their consideration. I am aware that a meeting to discuss this area has already been held with stakeholders and elected officials and many of your concerns were brought up.



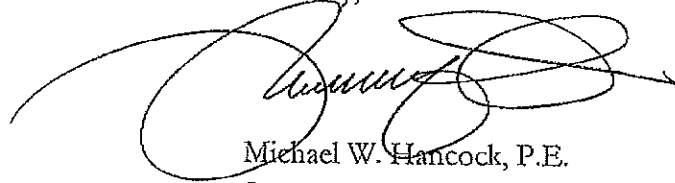
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Ms. Christy Coy
August 30, 2011
Page 2

This study will be completed within the next 12 months and beyond this, funding will have to be set up in the "Highway Plan" before the project can move on toward implementation. In today's economy, moving transportation construction projects has been difficult; therefore, letters such as yours are even more important as elected officials weigh the most critical needs as they fight for very competitive funding.

Thank you for contacting us through Congressman Whitfield, whom has proven his desire to improve this roadway by securing prior federal funding for the current US41A project on the eastern end. For updates on either of these two projects, please feel free to contact Mr. Kevin McClearn, P.E., Chief District Engineer in our District 2 Office in Madisonville, at 270-824-7080.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael W. Hancock", written over a large, stylized circular flourish.

Michael W. Hancock, P.E.
Secretary

c: The Honorable Ed Whitfield, US Congressman
Kevin McClearn, P.E., Chief District Engineer, KYTC District 2



UNIVERSITY OF KENTUCKY

Keith R. Damron, Director
Division of Planning
Kentucky Transportation Cabinet
200 Mero Street
Frankfort, KY 40622

RECEIVED
DEC 12 2011
Div. of Planning

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

December 6, 2011

Mr. Damron,

I am writing in response to your request for comments about the proposed reconstruction of US-41A between Providence and Madisonville, Kentucky. Your illustrations show that you are already aware of mapped geologic faults that underlie the project area, but because there are not likely to be any sizable road cuts, I do not expect these structures to be an impediment to construction. None of the faults, to the best of our knowledge, are seismically active. You are also certainly aware that this is an active mining region. The western half of the project area is underlain by both active and abandoned underground mines in both the Western Kentucky No. 9 and No. 11 coals. Because this region has a history of mine subsidence issues, you will want to consult the available mine maps at minemaps.ky.gov to avoid, to the extent possible, areas of underground mining, especially where both coals have been mined.

Sincerely,

Jerry Weisenfluh, P.G.
Associate Director
Kentucky Geological Survey



From: [Cooley, Tony \(EEC\)](#)
To: [Gilbert, George \(EEC\)](#); [Gritton, Sharon \(EEC\)](#); [Tan, Wilson \(EEC\)](#); [Cecil, Shawn \(EEC\)](#); [Gruzesky, Ron \(EEC\)](#); [Maybriar, Jon \(EEC\)](#); [Webb, April \(EEC\)](#); [Winner, Edward \(EEC\)](#)
Cc: [Hudson, Tammi \(EEC\)](#)
Subject: RE: US 41A improvements in Hopkins & Webster Co Scoping Study

I have nothing in my database close to the route of these proposed improvements.

Tony Cooley P.E., P.G.

Environmental Engineer II
EEC-DEP Division of Waste Management
Solid Waste Branch, Closure Section
502-564-6716
502-564-8158 ext 4654 (direct)

From: Gilbert, George (EEC)
Sent: Wednesday, December 07, 2011 1:40 PM
To: Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Cecil, Shawn (EEC); Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Webb, April (EEC); Winner, Edward (EEC)
Subject: FW: pg 1-4

Pls. review the Scoping Study by COB Dec. 21. Especially review TC's hazardous substance locations on the maps. This is part 1 of 3 parts. Thx.

George F. Gilbert, P.E.

Environmental Engineer Consultant
Director's Office
Division of Waste Management
200 Fair Oaks Lane
Frankfort, KY 40601
502-564-6717
Direct 502-564-8158 ext. 4601
Mobile 502-598-9860

From: Perry, Jennie (EEC)
Sent: Wednesday, December 07, 2011 11:24 AM
To: Gilbert, George (EEC)
Subject: pg 1-4

*Jennie Perry
Director's Office
Division of Waste Management
200 Fair Oaks Lane, 2nd Floor
Frankfort, KY 40601
502-564-6716, x4604*

fax 502-564-4049

From: [Winner, Edward \(EEC\)](#)
To: [Gilbert, George \(EEC\)](#)
Subject: FW: Hopkins & Webster Counties
Date: Monday, December 12, 2011 4:30:30 PM

A check of the UST sites shows them to be correct in number and locations. None have been missed according to our records.

From: Livingstone, Bennett (EEC)
Sent: Monday, December 12, 2011 2:25 PM
To: Winner, Edward (EEC)
Cc: Kent, Stephen (EEC)
Subject: FW: Hopkins & Webster Counties

According to Tempo you are correct with four. There are three gas stations in Nebo. These three AI's are 64409, 61052 and 77145 all at the intersection of US 41A and Bernard Street. The fourth one is Ai 57630 and it is the Pantry #720 on the northern end of the construction in Providence. Please let me know if there is anything else I can do to help facilitate this request. Thanks.

From: Winner, Edward (EEC)
Sent: Monday, December 12, 2011 1:41 PM
To: Kent, Stephen (EEC)
Cc: Livingstone, Bennett (EEC)
Subject: FW: Hopkins & Webster Counties

George needs us to check to but sure that all the known UST are marked on the maps. The 8th map appears to be the only map where UST are marked on the map. I counted 4. There may be more.

From: Gilbert, George (EEC)
Sent: Monday, December 12, 2011 12:53 PM
To: Winner, Edward (EEC)
Subject: RE: Hopkins & Webster Counties

I sent a later e-mail with a good link. Thx.

George F. Gilbert, P.E.
Environmental Engineer Consultant
Director's Office
Division of Waste Management
200 Fair Oaks Lane
Frankfort, KY 40601
502-564-6717
Direct 502-564-8158 ext. 4601
Mobile 502-598-9860

From: Winner, Edward (EEC)
Sent: Monday, December 12, 2011 12:34 PM
To: Gilbert, George (EEC)
Subject: RE: pg 1-4

I am only able to open the letter to Tony. All other files are being marked as damaged, i.e., no maps, etc.

From: Gilbert, George (EEC)
Sent: Wednesday, December 07, 2011 1:40 PM
To: Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Cecil, Shawn (EEC); Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Webb, April (EEC); Winner, Edward (EEC)
Subject: FW: pg 1-4

Pls. review the Scoping Study by COB Dec. 21. Especially review TC's hazardous substance locations on the maps. This is part 1 of 3 parts. Thx.

George F. Gilbert, P.E.
Environmental Engineer Consultant
Director's Office
Division of Waste Management
200 Fair Oaks Lane
Frankfort, KY 40601
502-564-6717
Direct 502-564-8158 ext. 4601
Mobile 502-598-9860

From: Perry, Jennie (EEC)
Sent: Wednesday, December 07, 2011 11:24 AM
To: Gilbert, George (EEC)
Subject: pg 1-4

Jennie Perry
Director's Office
Division of Waste Management
200 Fair Oaks Lane, 2nd Floor
Frankfort, KY 40601
502-564-6716, x4604
fax 502-564-4049



United States
Department of
Agriculture

Forest
Service

Daniel Boone
National Forest

1700 Bypass Road
Winchester, KY 40391
859-745-3100

File Code: 1900

Date:

DEC 16 2011

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DEC 19 2011

Div. of Planning

Keith R. Damron
Director, Division of Planning
Kentucky Transportation Cabinet
200 Mero Street
5th Floor West
Frankfort, KY 40622

Dear Mr. Damron:

Thank you for the opportunity to review the US-41A Kingdom Hall Road to KY-670 scoping study. My staff and I have reviewed your proposal to improve transportation safety and connectivity between Providence and Madisonville in Webster and Hopkins Counties, Kentucky. This site is nearly 200 miles to the west of national forest system lands, and the watershed where the proposal is centered does not flow onto national forest system lands. I see no reason to believe that the proposal would affect resources or facilities managed by the Daniel Boone National Forest. I have no objection to the proposal. Additional correspondence with the Daniel Boone National Forest, regarding this proposal, is not necessary.

If you have questions, feel free to contact Elizabeth Botner at 859-745-3151, erbotner@fs.fed.us.

Sincerely,

FRANK R. BEUM
Forest Supervisor



From: [Cecil, Shawn \(EEC\)](#)
To: [Gilbert, George \(EEC\)](#)
Cc: [Adkins, Sheri \(EEC\)](#)
Subject: FW: pg 1-4
Date: Monday, December 19, 2011 12:49:42 PM

George,

Please see further information on the two sites below. Based on Eric's review, there is no further concern for SFB.

Shawn A. Cecil, P.G.
Branch Manager

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

Division of Waste Management
Superfund Branch

Phone: (502) 564-6716 ext 4728
Fax: (502) 564-2705
Email: shawn.cecil@ky.gov

From: Brown, Eric (EEC)
Sent: Friday, December 16, 2011 2:54 PM
To: Cecil, Shawn (EEC)
Cc: Adkins, Sheri (EEC)
Subject: RE: pg 1-4

Shawn and Sheri

I reviewed the site listed below:

AI# 1869
ANR Pipeline
"Madisonville Compressor Station"
Madison Ville
Nebo Road (Hwy 41)

AI# 1881
General Electric
Aircraft Engine Group
3050 Nebo Road
Madisonville Kentucky 42431

The ANR Pipeline site had a clean closure related to Mercury on the site. All mercury was removed by excavation with clean confirmatory samples. This site is now considered closed.

The General Electric site had no report to document any releases or any concerns related to the

Superfund Branch or any field office reports. All issues are Haz waste for being a generator. But there are no superfund issues. There were no Incidents that could be confirmed. This pending site was closed.

From: Cecil, Shawn (EEC)
Sent: Wednesday, December 07, 2011 4:25 PM
To: Brown, Eric (EEC)
Cc: Adkins, Sheri (EEC)
Subject: FW: pg 1-4

Eric,

Could you please look into the two active sites on the list, AI 1869 and 1881 to determine what concerns may be present if road improvements take place over these properties? If your review results in closure of these, then that's a bonus. They're both sites currently unassigned to current staff, so if Sheri supports this, I'd like to add them to your work list if they're not ready for closure.

Looking below, you'll see that we have a deadline of 12/21 for these. Depending on any holiday vacation you may have planned, etc., I'd like to have Superfund's part ready by 12/19 in case there is any need for a second dive or further discussion. Please let me or Sheri know if there is any need to discuss. Also, I attached the document forwarded by George. There were additional documents that didn't come through, but I can share those when he provides clean copy on them.

Shawn A. Cecil, P.G.
Branch Manager

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

Division of Waste Management
Superfund Branch

Phone: (502) 564-6716 ext 4728
Fax: (502) 564-2705
Email: shawn.cecil@ky.gov

From: Cecil, Shawn (EEC)
Sent: Wednesday, December 07, 2011 4:20 PM
To: Gilbert, George (EEC); Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Gruzsky, Ron (EEC); Maybriar, Jon (EEC); Webb, April (EEC); Winner, Edward (EEC)
Subject: RE: pg 1-4

George,

Brent Cary was able to pull together the figure and list using GIS (within a half mile of the existing corridor). Hopefully this is helpful to everyone who may be looking at this. I've identified two sites of concern for SFB and two not closed. I'll dig in on ours but wanted to offer this quickly in case it helps the other branches. Also, as I was unable to open the attachments sent subsequent to this, if the path/radius needs any tweaking, please let me know.

Shawn A. Cecil, P.G.
Branch Manager

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

Division of Waste Management
Superfund Branch

Phone: (502) 564-6716 ext 4728

Fax: (502) 564-2705

Email: shawn.cecil@ky.gov

From: Gilbert, George (EEC)

Sent: Wednesday, December 07, 2011 1:40 PM

To: Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Cecil, Shawn (EEC); Gruzesky, Ron (EEC); Maybriar, Jon (EEC); Webb, April (EEC); Winner, Edward (EEC)

Subject: FW: pg 1-4

Pls. review the Scoping Study by COB Dec. 21. Especially review TC's hazardous substance locations on the maps. This is part 1 of 3 parts. Thx.

George F. Gilbert, P.E.

Environmental Engineer Consultant

Director's Office

Division of Waste Management

200 Fair Oaks Lane

Frankfort, KY 40601

502-564-6717

Direct 502-564-8158 ext. 4601

Mobile 502-598-9860

From: Perry, Jennie (EEC)

Sent: Wednesday, December 07, 2011 11:24 AM

To: Gilbert, George (EEC)

Subject: pg 1-4

Jennie Perry

Director's Office

Division of Waste Management

200 Fair Oaks Lane, 2nd Floor

Frankfort, KY 40601

502-564-6716, x4604

fax 502-564-4049

United States Department of Agriculture



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

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DEC 28 2011

December 20, 2011
Div. of Planning

Keith R. Damron, P.E.,
Director, Division of Planning
Kentucky Transportation Cabinet
200 Mero Street 5th Floor West
Frankfort, KY 40622

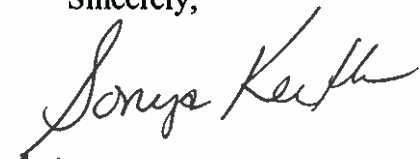
RE: Scoping Study, Hopkins and Webster Counties, US 41A from Kingdom Hall Road in
Madisonville to KY 670 in Providence Item No. 2-8303.00

Dear Mr. Damron:

In regards to the scoping study to determine the need and potential impacts for the proposed improvements to US 41A beginning at Kingdom Hall Road in Madisonville and extending northwest to KY 670 in Providence, the USDA-Natural Resources Conservation Service (NRCS) is concerned with potential impacts that any proposed highway project might have upon prime farmland soils, farmlands of statewide importance, PL-566 watershed structures, wetlands, Wetland Reserve Program (WRP) easements, and Grassland Reserve Program (GRP) easements. Based upon the outlined study area, Kentucky NRCS does not anticipate the proposed actions will negatively impact WRP, GRP or PL-566 watershed structures. If federal dollars are to be used to convert wetlands or important prime 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://forms.sc.egov.usda.gov/eForms/welcomeAction.do?Home>.

The NRCS contact person for Webster and Hopkins Counties is
Mike Andrews
Lead District Conservationist
555 State Route 1340
Dixon, KY 42409-0158
Phone: 270-639-5763 or mike.andrews@ky.usda.gov

Sincerely,


for JACOB KUHN
Assistant State Conservationist

Helping People Help the Land

An Equal Opportunity Provider and Employer





CABINET FOR ECONOMIC DEVELOPMENT

Steven L. Beshear
Governor

Old Capitol Annex
300 West Broadway
Frankfort, Kentucky 40601
ThinkKentucky.com

Larry M. Hayes
Secretary

December 22, 2011

Mr. Keith R. Damron, P.E.
Director, Division of Planning
Kentucky Transportation Cabinet
200 Mero Street
5th Floor West
Frankfort, KY 40622

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DEC 27 2011

Div. of Planning

Subject: Scoping Study
Hopkins and Webster Counties
US 41A from Kingdom Hall Road in Madisonville to KY 670 in Providence
Item No. 2-8303.00

Mr. Damron,

Secretary Hayes asked me to respond on behalf of the Cabinet regarding our agency's input and comments on a planning study to determine the need and potential impacts for improvements to US 41A beginning at Kingdom Hall Road in Madisonville, Hopkins County and extending northwest to KY 670 in Providence, Webster County. The Cabinet has no input at this time regarding the proposed planning study.

Should you have any additional questions, please do not hesitate to contact me.

Respectfully,

A handwritten signature in blue ink that reads "Holland B. Spade".

Holland B. Spade
Executive Director
Office of Legal Services



KENTUCKY STATE POLICE

Steven L. Beshear
Governor

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

J. Michael Brown
Secretary

Rodney Brewer
Commissioner

December 22, 2011

Mr. Keith R. Damron, P.E.
Director
Division of Planning
Kentucky Transportation Cabinet
200 Mero Street
5th Floor West
Frankfort, KY 40622

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DEC 27 2011

Div. of Planning

Dear Mr. Damron:

We are in receipt of your letter requesting our comments in regards to the Scoping Study for Hopkins and Webster Counties, US 41A from Kingdom Hall Road in Madisonville to KY 670 in Providence, Item No. 2-8303.00.

At this time, we do not perceive any problems as it pertains to commercial vehicle enforcement.

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

Sincerely,

Lieutenant Colonel Jack A. Miniard
Director
Commercial Vehicle Enforcement Division



RECEIVED

JAN 04 2012

Div. of Planning

**ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR NATURAL RESOURCES**

Steven L. Beshear
Governor

2 Hudson Hollow
Frankfort, Kentucky 40601
Phone (502) 564-6940
Fax (502) 564-5698
www.dnr.ky.gov
www.kentucky.gov

Leonard K. Peters
Secretary

Carl E. Campbell
Commissioner

December 29, 2011

Mr. Keith R. Damron, P.E.
Director
Division of Planning
Kentucky Transportation Cabinet
200 Mero Street, 5th Floor
Frankfort, Kentucky 40622

In Re: Scoping Study
Hopkins and Webster Counties
US 41A from Kingdom Hall Road in Madisonville to KY 670 in Providence
Item No. 2-8303.00

Dear Mr. Damon,

Please find enclosed a report prepared by Donna Schartung, a Registered Geologist in our Technical Field Support Section. You initially sent this request to Mr. Paul Rothman, and he forwarded it to me. This reported was prepared at my direction in response to your request for our agency's comments on the planning study for the proposed highway referred to above.

In addition, please find enclosed a Memo from Robert Yonts, Regional Office Manager for the Division of Mine Reclamation and Enforcement (DMRE) that outlines comments from him and from Terry Cates, Environmental Engineer, for the Madisonville Regional office of DMRE.

In the event you need further information, please contact me at our Frankfort office at # 2 Hudson Hollow, Frankfort, Kentucky 40461. You may contact me by phone at 502-564-2340 or by email Billy.Ratliff@ky.gov.

Sincerely,

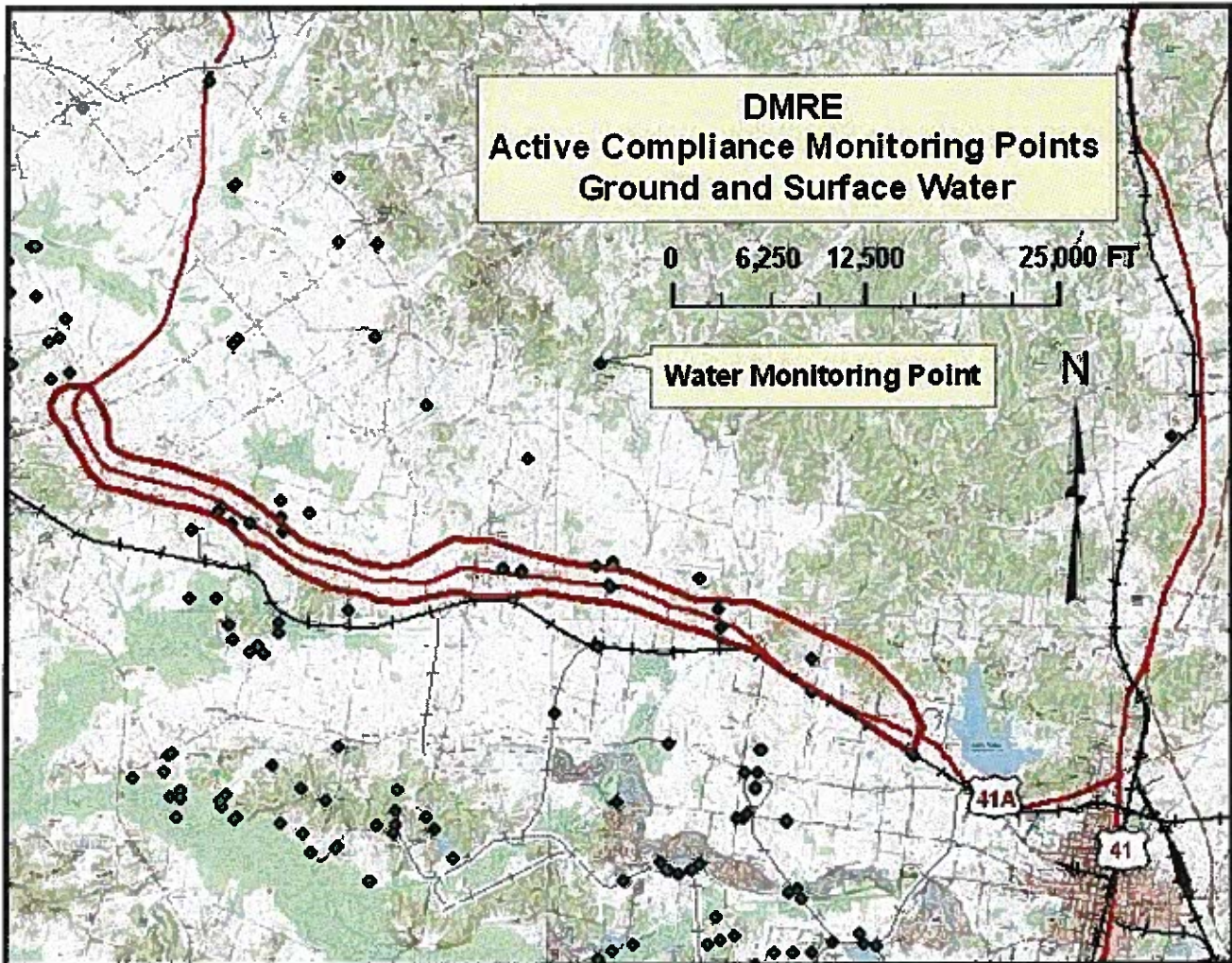
Billy Ratliff, Director
Division Mine Reclamation and Enforcement



Division of Mine Reclamation & Enforcement
Areas of Concern

Scoping Study - US 41A Kingdom Hall Road to KY 670
Hopkins and Webster Counties
Department of Transportation

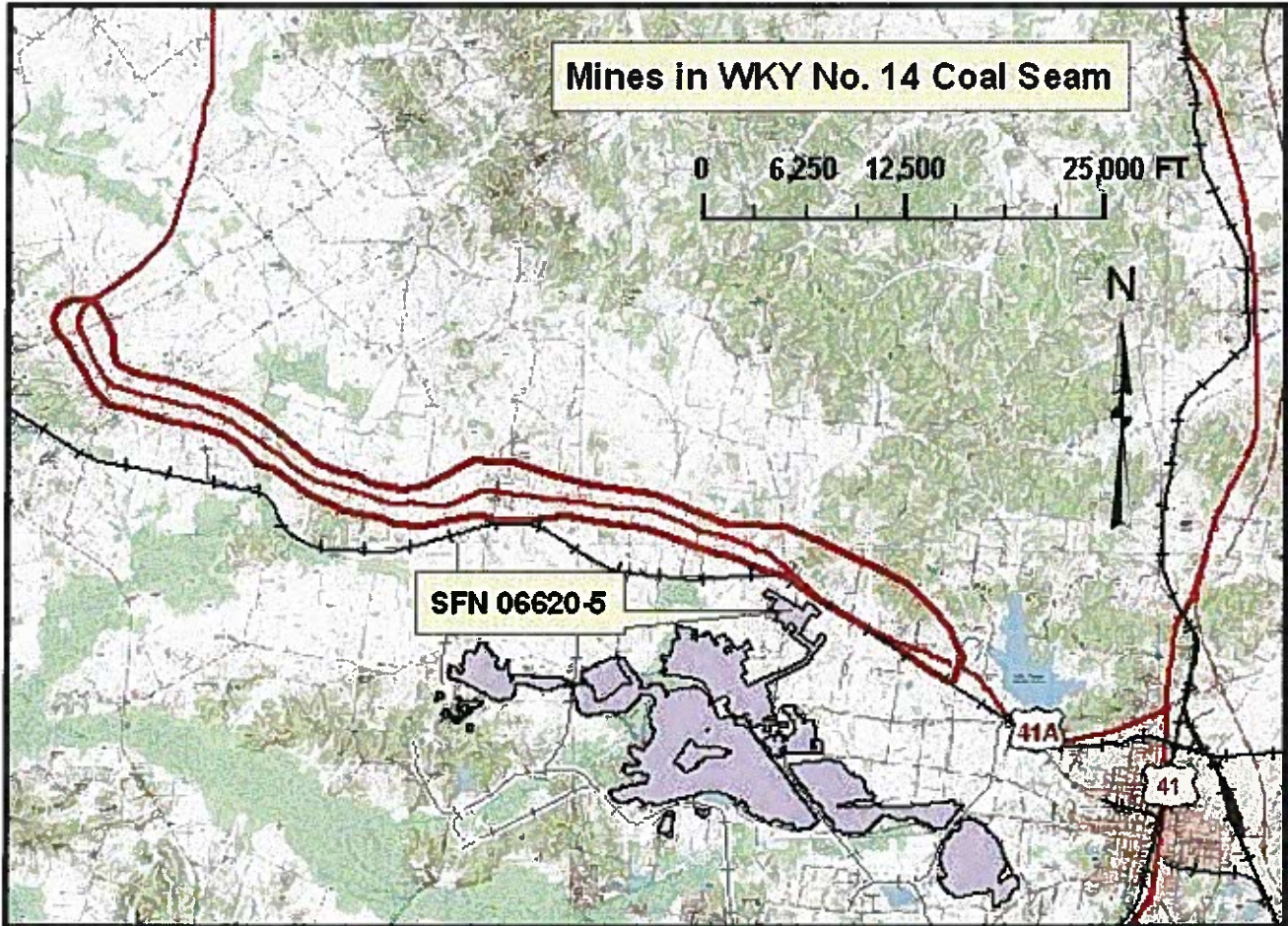
Map 1 – DMRE Compliance Monitoring Points within Study area.
Permit modification application required to change locations.



Division of Mine Reclamation & Enforcement
Areas of Concern

Scoping Study - US 41A Kingdom Hall Road to KY 670
Hopkins and Webster Counties
Department of Transportation

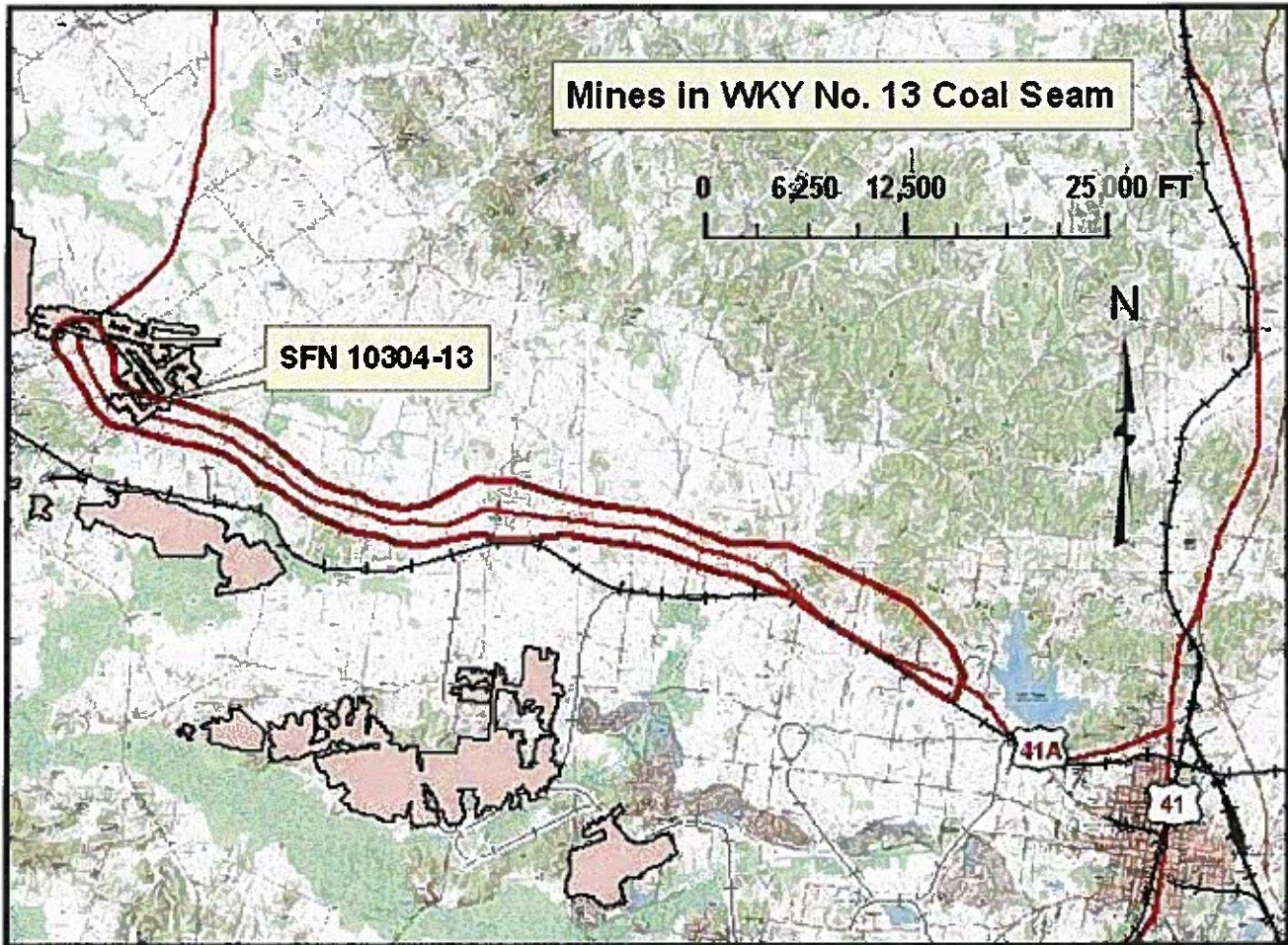
Map 2 - State File Maps related to Underground Mines in the WKY No. 14 Coal Seam



Division of Mine Reclamation & Enforcement
Areas of Concern

Scoping Study - US 41A Kingdom Hall Road to KY 670
Hopkins and Webster Counties
Department of Transportation

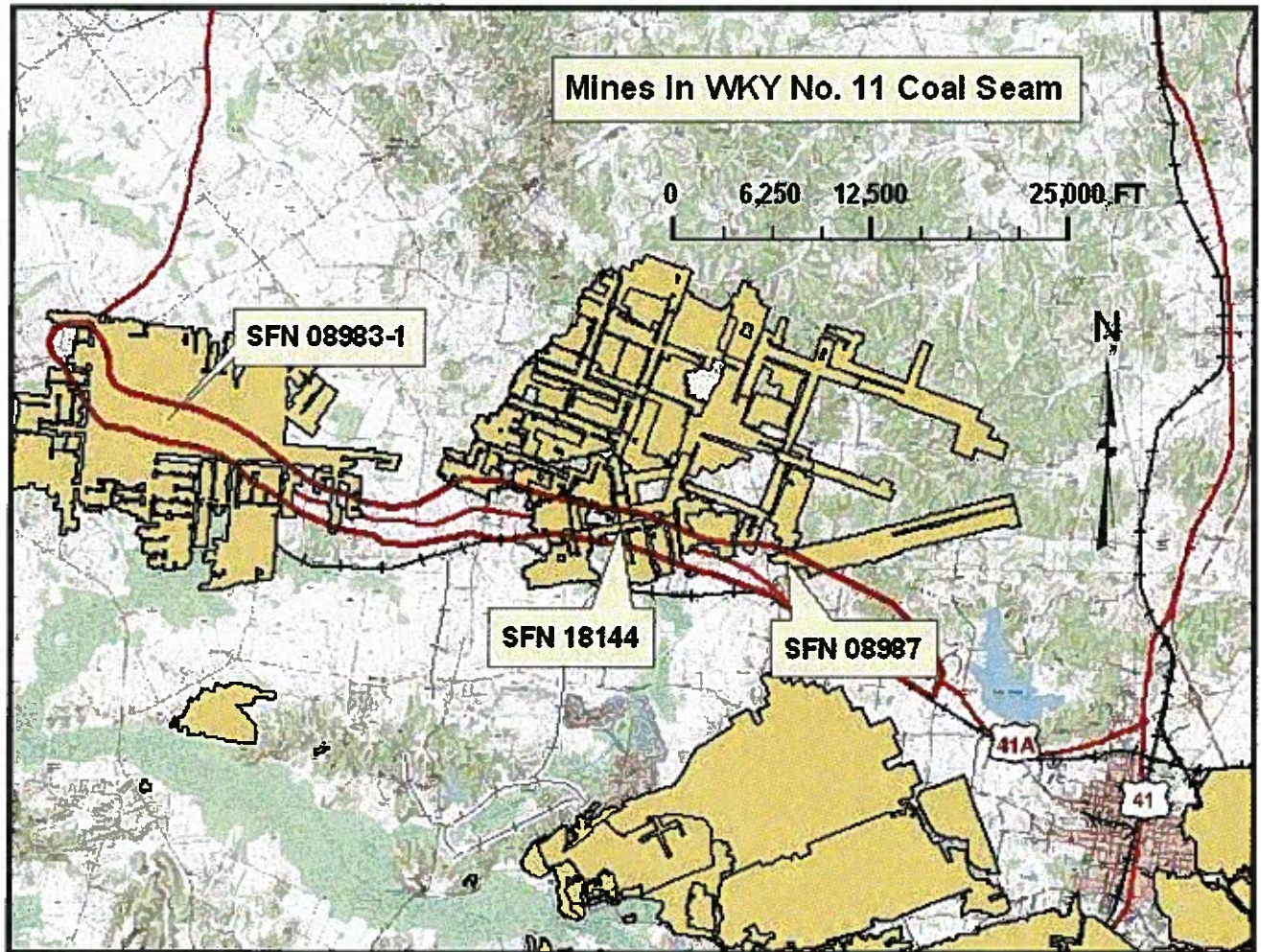
Map 3 - State File Maps related to Underground Mines in the WKY No. 13 Coal Seam



Division of Mine Reclamation & Enforcement
Areas of Concern

Scoping Study - US 41A Kingdom Hall Road to KY 670
Hopkins and Webster Counties
Department of Transportation

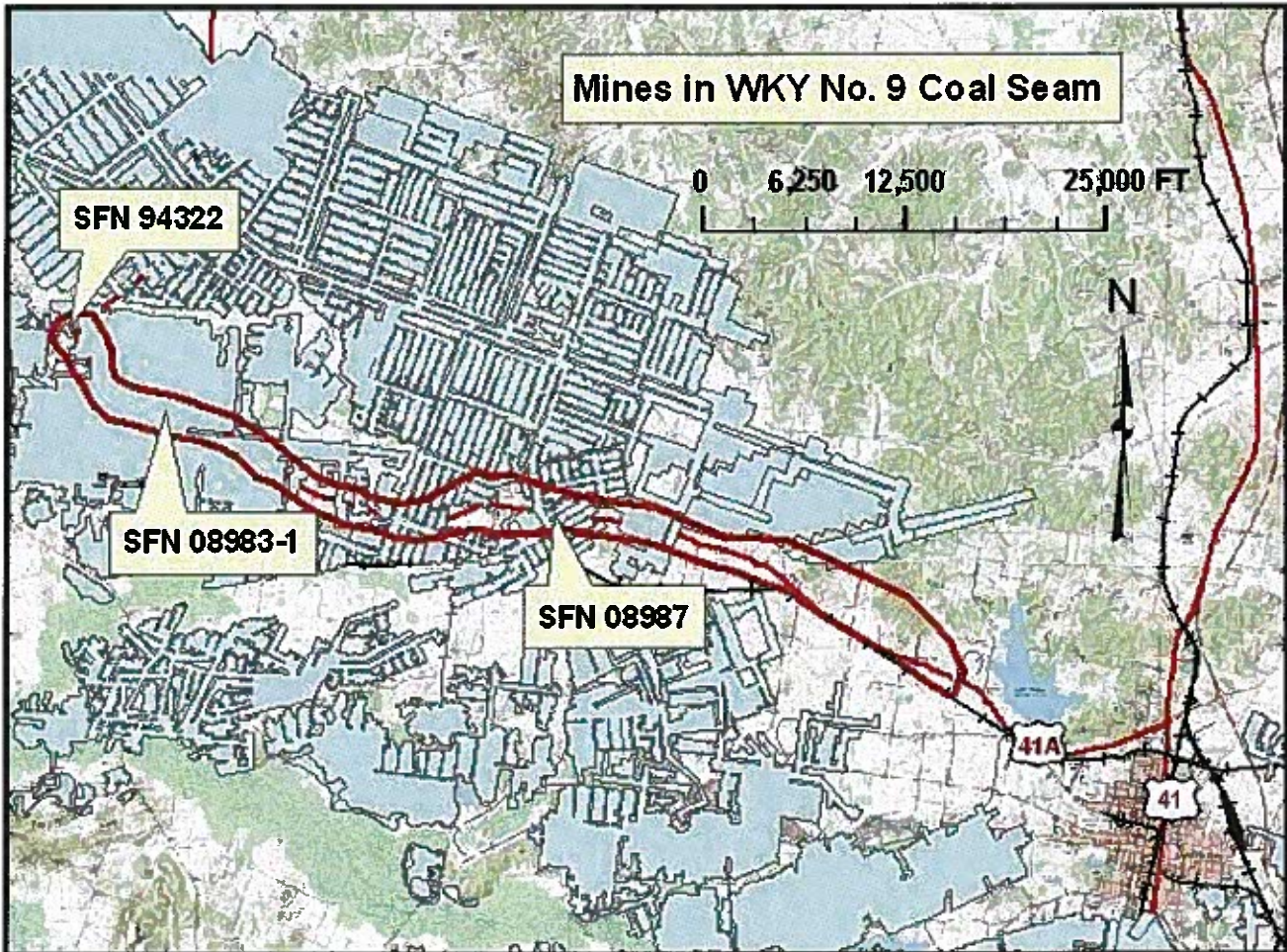
Map 4 - State File Maps related to Underground Mines in the WKY No. 11 Coal Seam



Division of Mine Reclamation & Enforcement
Areas of Concern

Scoping Study - US 41A Kingdom Hall Road to KY 670
Hopkins and Webster Counties
Department of Transportation

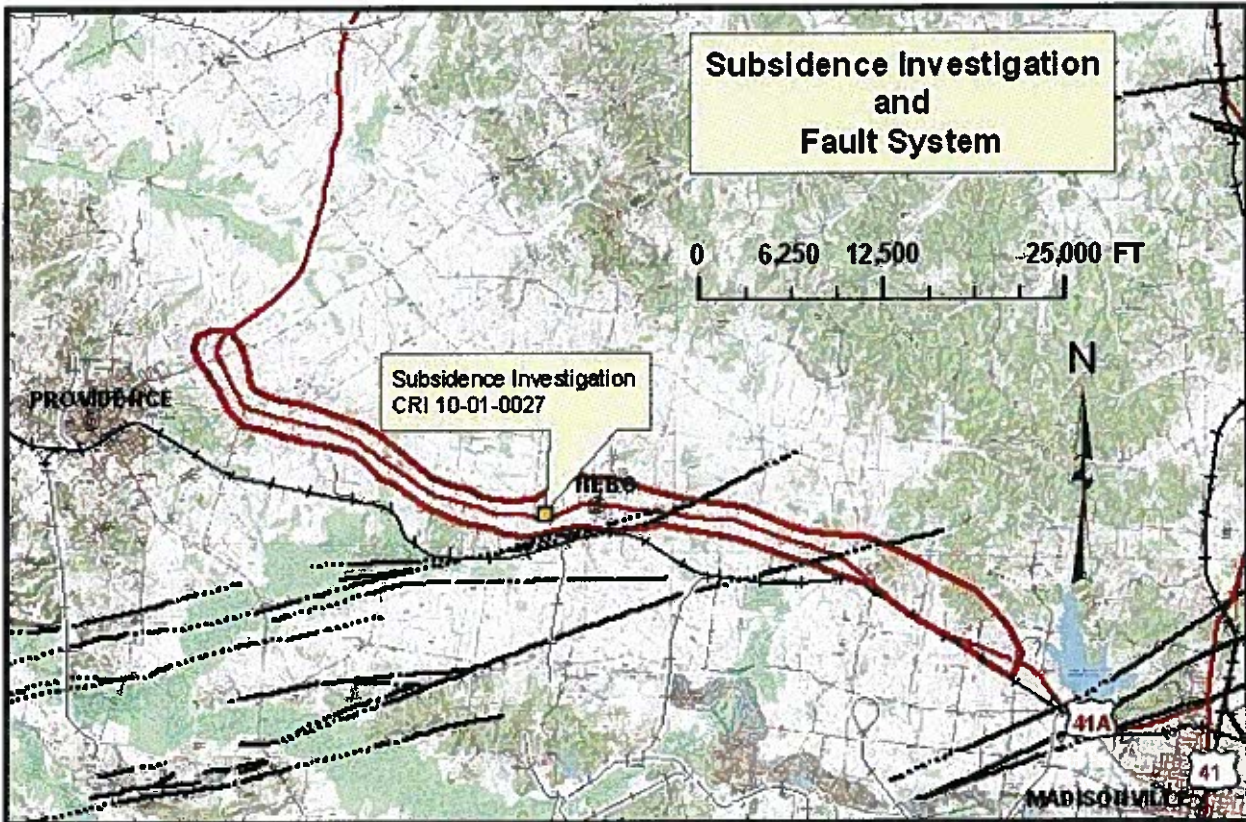
Map 5 - State File Maps related to Underground Mines in the WKY No. 9 Coal Seam



Division of Mine Reclamation & Enforcement
Areas of Concern

Scoping Study - US 41A Kingdom Hall Road to KY 670
Hopkins and Webster Counties
Department of Transportation

Map 6 – Subsidence Investigation location and Faults that are of concern.



Division of Mine Reclamation & Enforcement
Areas of Concern

Scoping Study - US 41A Kingdom Hall Road to KY 670
Hopkins and Webster Counties
Department of Transportation

Attachment 1

Report

Doug Stanley Subsidence Investigation

December 6, 2010

C.R.I. # 10-01-0027

Webster County Coal, LLC. DMRE Permit No. 917-5015

Prepared By
Clyde DeRossett
Environmental Engineer Consultant

Division of Mining Reclamation and Enforcement

(73 Pages, including this page)



STEVEN L. BESHEAR
GOVERNOR

**TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY HERITAGE COUNCIL**

MARCHETA SPARROW
SECRETARY

THE STATE HISTORIC PRESERVATION OFFICE
300 WASHINGTON STREET
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-7005
FAX (502) 564-5820
www.heritage.ky.gov

LINDY CASEBIER
ACTING EXECUTIVE DIRECTOR AND
STATE HISTORIC PRESERVATION OFFICER

December 29, 2011

Mr. Keith R. Damron, P. E., Director
Division of Planning
Kentucky Transportation Cabinet
200 Mero Street
5th Floor West
Frankfort, KY 40622

**Re: Scoping Study, Hopkins and Webster Counties
US 41A from Kingdom Hall Road in Madisonville to KY 670 in Providence
Item No. 2-8303.00**

Dear Mr. Damron:

Our office received a request for comments on the above-referenced project earlier this month. Because FHWA is the lead federal agency on this project, the Kentucky Transportation Cabinet must ensure compliance with relevant state and federal regulations regarding cultural resources. These may include any or all of the following: the Advisory Council on Historic Preservation's Rules and Regulations for the Protection of Historic and Cultural Properties (36CRF, Part 800) pursuant to the National Historic Preservation Act of 1966; the National Environmental Policy Act of 1969; Executive Order 11593, Kentucky Antiquities Act; Kentucky Cave Protection Act; and graves protection legislation.

In order to determine if properties eligible for listing in the National Register of Historic Places will be affected by this project, you must submit one copy of a historic architectural survey report and one copy of an archaeological survey report to this office for review and comment. The reports must be completed by professionals meeting the Secretary of the Interior's Standards for Professional Qualifications in archaeology, history, or architectural history, and they must meet the Kentucky Heritage Council's *Specifications for Conducting Fieldwork and Preparing Cultural Resource Assessment Reports*, available at <http://heritage.ky.gov/envreview>. The determination of the area of potential effect (APE) for both archaeological and cultural historic resources should be made in consultation with our office. The documents enclosed with your letter show a study area for the project that may or may not be adequate to account for all potential direct or indirect impacts.

Pending our review of the requested documentation, there may be a need for additional consultation with our office to determine how to avoid, minimize, or mitigate any adverse effects to significant cultural resources. Thank you for giving our office an opportunity to comment in the planning stages for this project. If you have any questions, please contact Vicki Birenberg at (502) 564-7005, ext. 127, or Vicki.Birenberg@ky.gov.

Page 2

Scoping Study, Hopkins and Webster Counties

US 41A from Kingdom Hall Road in Madisonville to KY 670 in Providence

Item No. 2-8303.00

December 29, 2011

Sincerely,



Lindy Casebier
Acting Executive Director and
State Historic Preservation Officer

cc: Rebecca Turner – KYTC – DEA
Nick Hall – KYTC – District 2

LC:vmb



**KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES
TOURISM, ARTS, AND HERITAGE CABINET**

Steven L. Beshear
Governor

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

Marcheta Sparrow
Secretary

Dr. Jonathan W. Gasset
Commissioner

15 December 2011

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DEC 20 2011

Div. of Planning

Keith R. Damron, P.E.
Director, Division of Planning
Kentucky Transportation Cabinet
200 Mero Street 5th Floor West
Frankfort, KY 40622

RE: Scoping Study
Hopkins and Webster Counties
US 41A from Kingdom Hall Road in Madisonville to KY 670 in Providence
Item No. 2-8303.00

Dear Mr. Damron:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for information regarding the subject project. The Kentucky Fish and Wildlife Information System indicates that no federally or state listed threatened/ endangered species are known to occur within the study area of the project. The federally-threatened Copperbelly Watersnake (*Nerodia erythrogaster neglecta*) is known to occur within close proximity of the proposed project site. The Copperbelly Watersnake is listed as federally-threatened over most of its range. It is not federally listed in Kentucky because of a previous conservation agreement between state and federal agencies and private interests that implemented actions to conserve wetland habitat in this region. However, this agreement has not been renewed and is not currently in effect leaving this species unprotected through the Endangered Species Act. Known populations exist in 15 counties in Kentucky, all within or near the Western Coal Field region. Please be aware that our database system is a dynamic one that only represents our current knowledge of various species distributions.

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.
- 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.

To minimize indirect impacts to aquatic resources, strict erosion control measures should be developed and implemented prior to construction to minimize siltation into streams and storm water drainage systems located within the project area. Such erosion control measures may include, but are not limited to silt fences, staked straw bales, brush barriers, sediment basins, and diversion ditches. Erosion control measures will need to be installed prior to construction and should be inspected and repaired regularly as needed.

I hope this information is helpful to you, and if you have questions or require additional information, please call me at (502) 564-7109 extension 4453.

Sincerely,



Dan Stoelb
Wildlife Biologist

Cc: Environmental Section File



KENTUCKY STATE POLICE

Steven L. Beshear
Governor

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

J. Michael Brown
Secretary

Rodney Brewer
Commissioner

December 30, 2011

Kentucky State Police, Post 2
P.O. Box 1025
Nortonville, KY 42442

Keith R. Damron, P.E.
Director, Division of Planning
Kentucky Transportation Cabinet
200 Mero Street – 5th Floor West
Frankfort, KY 40622

RE: Scoping Study
Hopkins and Webster Counties
US 41A from Kingdom Hall Road in Madisonville to KY 670
Item No. 2-8303.00

Dear Mr. Damron:

Kentucky State Police, Post 2, Madisonville respectfully requests that the following concerns be considered for the proposed highway project:

- The levee overflows and the roadway floods about one and one-half mile south of the Webster County line.
- There is a blind hill with a curve approximately one mile north of Manitou, just south of Warrior Coal. It is blind spot during sunset.
- There is poor visibility at the intersections in Nebo and Manitou.
- There is heavy commercial traffic at the intersection of KY 630 and US 41A.

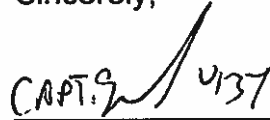
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JAN 05 2012
Div. of Planning

Page 2
Business Letter
December 30, 2011

- There are dangerous curves north of Nebo.
- A four-lane roadway with wide shoulders is preferred, especially near Manitou and Nebo.

Should you have any questions regarding this issue, please contact me at your convenience at 270-676-3313.

Sincerely,

A handwritten signature in black ink, appearing to read "CAPT. W. MARKS" with a stylized flourish and the number "4137" written to the right.

Captain William Marks
Commander, Post 2

From: [Tichenor, Larry \(EEC\)](#)
To: [Gilbert, George \(EEC\)](#)
Subject: RE: US 41A to KY 670 Scoping Study
Date: Friday, January 06, 2012 11:44:27 AM

George,

I have reviewed the document provided and I am not aware of any facilities that have not been addressed by SF or USTB.

Thanks,

Larry Tichenor, Supervisor
Division of Waste Management
Madisonville Regional Office
625 Hospital Drive
Madisonville, KY 42431
270-824-7532
Fax 270-824-7070
Larry.Tichenor@ky.gov

From: Gilbert, George (EEC)
Sent: Wednesday, January 04, 2012 7:35 AM
To: Tichenor, Larry (EEC)
Cc: Winner, Edward (EEC)
Subject: US 41A to KY 670 Scoping Study

Larry, I failed to give you all a chance to comment on this proposed route in the fourth attached e-mail. Pls. forward comments by COB Friday, if possible.

Also, Ed, are any of these sites in corrective action?

George F. Gilbert, P.E.
Environmental Engineer Consultant
Director's Office
Division of Waste Management
200 Fair Oaks Lane
Frankfort, KY 40601
502-564-6717
Direct 502-564-8158 ext. 4601
Mobile 502-598-9860

MEMORANDUM

P-003-2011

TO: Keith Damron, P.E.
Director
Division of Planning

FROM: Bart Asher, P.E.
Branch Manager
Division of Structural Design

BY: Christian Wallover, P.G.
Geotechnical Branch

DATE: January 7, 2012

SUBJECT: Hopkins and Webster Counties
US 41A (Kingdom Hall Road to KY 670)
Scoping Study
Mars No. 8456901P
Item No. 2-8303.00

The Geotechnical Branch has completed an evaluation based on available mapping for the proposed improvements to US 41A from Kingdom Hall Road to KY 670 located in Hopkins and Webster Counties. As requested, the following geotechnical concerns are expressed and are represented on the attachments.

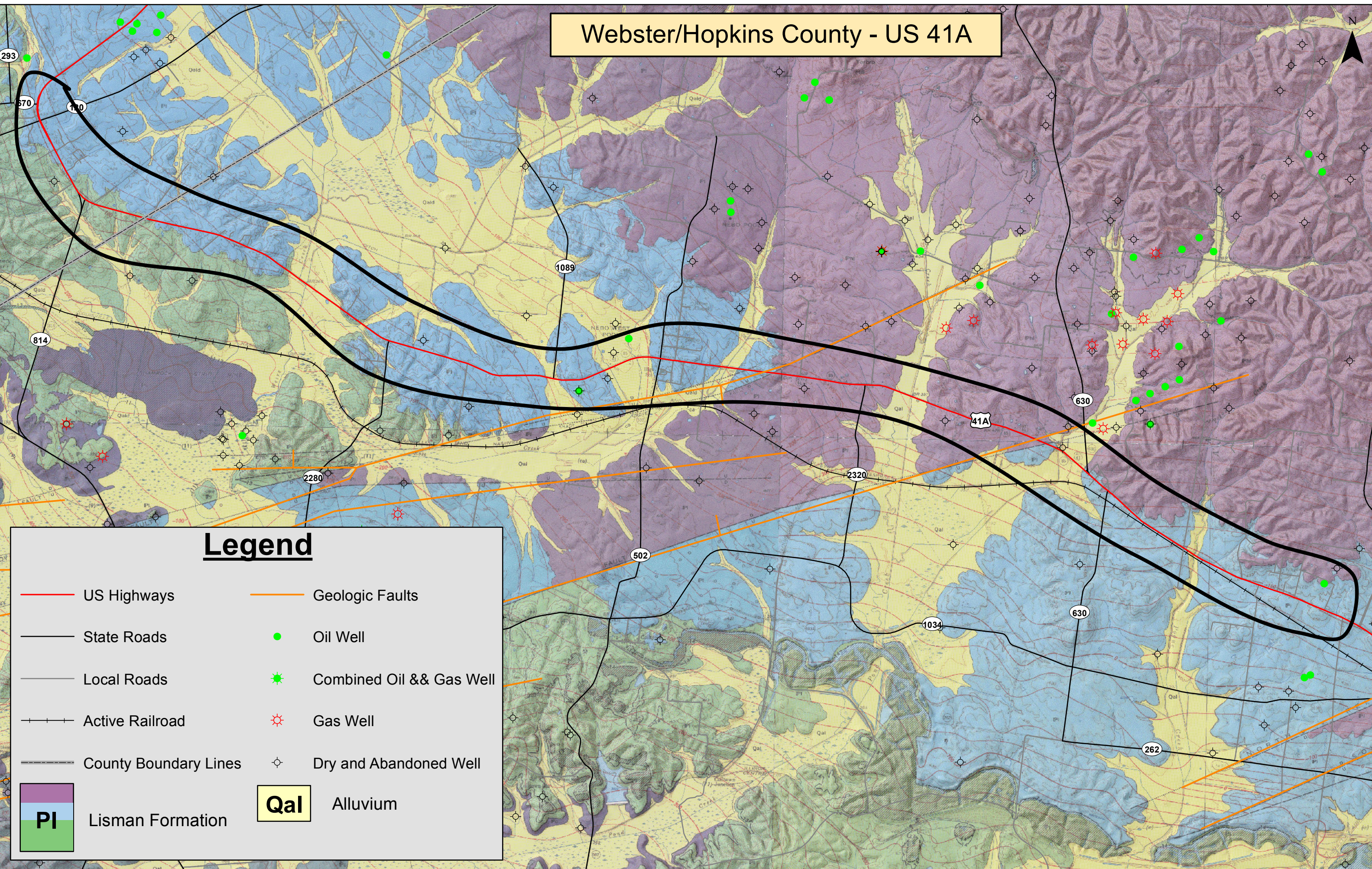
Geologic mapping indicates the project is situated within the Lisman Formation consisting of shale, siltstone, sandstone, limestone and coal. Alluvium and lake deposits are commonly found along the stream valleys. These deposits (composed of unconsolidated clay, silt, sand and gravel) range in thickness from zero to 60 feet.

Located within the study area are two faults trending southwest to northeast between KY 1089 and KY 630. Associated with faults are slight folding, dipping and highly fractured rock. Alignments for the roadway should cross perpendicular to the orientation of a fault to reduce negative impacts. Any proposed structures should not be placed on top of or directly adjacent to a fault.


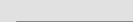
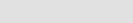
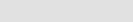
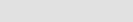






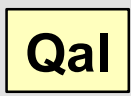
The WKY No. 9, 11, 13 & 14 coal seams have been extensively underground mined within the study area. Subsidence related to underground mining can be reduced by limiting the number of crossings over mined out areas.

Should you have questions, please contact the Geotechnical Branch at (502) 564-2374.

Webster/Hopkins County - US 41A

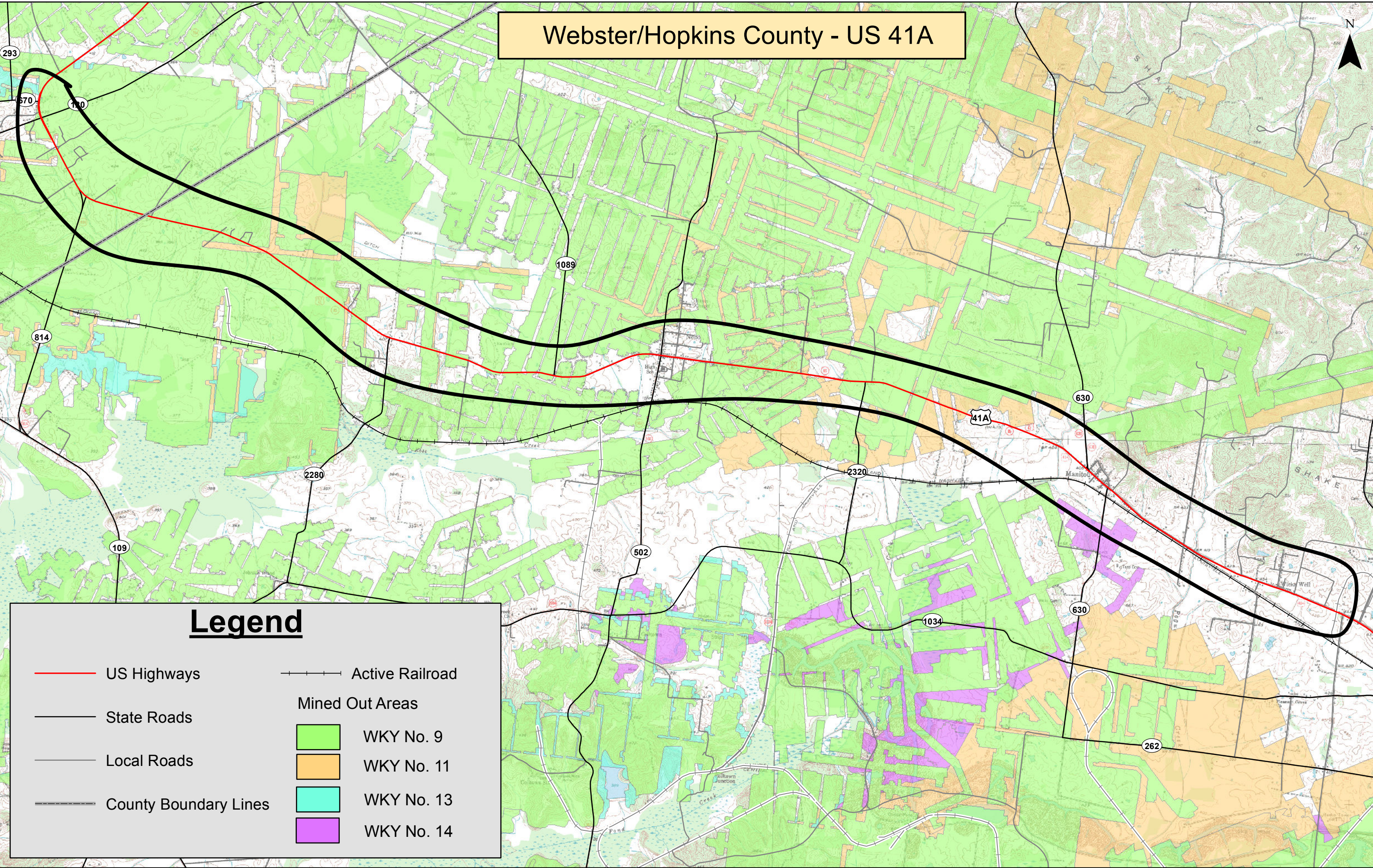


Legend

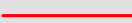

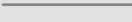
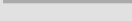
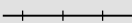


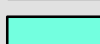

-  US Highways
-  State Roads
-  Local Roads
-  Active Railroad
-  County Boundary Lines
-  **PI** Lisman Formation
-  Geologic Faults
-  Oil Well
-  Combined Oil & Gas Well
-  Gas Well
-  Dry and Abandoned Well
-  **Qal** Alluvium

0 3,000 6,000 12,000 Feet

Webster/Hopkins County - US 41A



Legend

-  US Highways
-  State Roads
-  Local Roads
-  County Boundary Lines
-  Active Railroad
- Mined Out Areas**
-  WKY No. 9
-  WKY No. 11
-  WKY No. 13
-  WKY No. 14

0 3,000 6,000 12,000 Feet

From: Wallover, Christian (KYTC)
Sent: Tuesday, January 10, 2012 9:49 AM
To: Asher, Bart (KYTC)
Cc: Asher, Jill (KYTC)
Subject: Hopkins-Webster / US 41A / Scoping Study

Bart,

The geotechnical database does not identify any landslide or maintenance projects the vicinity of the study area. I have also gone through our files and surrounding planning studies.

Below is the link for known mined areas showing the extent of the underground mines. Also shown are the file numbers for each map that can be downloaded for viewing or paper copies can be found at the Office of Mine Safety and Licensing

<http://minemaps.ky.gov/website/minedoutareas/viewer.htm?startLeft=3706461.47580145&startBottom=2995731.6838094&startRight=6110845.22038254&startTop=4660305.04544246&QueryZoom=Yes>

*Christian Wallover, P.G.
Division of Structural Design
Geotechnical Branch
Phone: 502-564-2374
Fax: 502-564-4839*



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

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FEB 08 2012

MEMORANDUM

Div. of Planning

To: Keith R. Damron, P.E., Director
Division of Planning

From: David M. Waldner, P.E., Director
Division of Environmental Analysis

Date: February 6, 2012

Re: Scoping Study for Kingdom Hall Road US 41A to KY 670
Located in Hopkins and Webster Counties, KY
Item # 2-8303.00

The proposed project for US 41A to KY 670 located in the above-listed counties has been evaluated by the Division of Environmental Analysis (DEA) for any potential environmental challenges that would need to be addressed during the early design stage. The following brief set of preliminary comments are based upon the study data presented; additional comments could be provided if/when site visits are conducted:

1. The Air Quality status of the project likely would not be a problem with regard to MSATs; the project appears to be outside of the area requiring conformity. The scoping study should clearly state that the project originates from the latest conforming STIP.
2. A detailed Noise study with regard to noise impacts will be required if the project advances; several potential receptors are indicated on the attached maps.
3. Streams, small ponds and wetlands appear to be present throughout the area. Impacts to these areas should be avoided. These areas would pose mitigation issues if impacted. Avoidance and/or minimization during the design process are recommended.
4. Socio-economic concerns should be assessed such as potential relocation impacts, potential for environmental justice, potential for prime farmland impacts including agricultural chemical runoff into sinkholes and drainage concerns could be substantial if the existing land use should change.



Keith Damron
Page 2
February 6, 2012

5. Impacts to potential archaeological sites, if any, within the area should be avoided or minimized.
6. Apparently several HAZMAT (haz) and underground storage tanks (ust) are within the corridor, specific details concerning unknown any ust/haz sites would need to be obtained through a thorough site assessment.
7. Potential section 4(f) and 106 issues exist in the project corridor. Several National Register sites including possible historic districts will require additional documentation and are located within the project corridor; impacts to these resources should be avoided/minimized.
8. USFWS coordinations for endangered species will be required early in the design process.

Our staff appreciates the opportunity to provide early comments on projects during the planning stage. If you should have any questions regarding these comments please contact Tony Vinegar or me at 564-7250.

DMW/TV

C: Nick Hall (District 2); Files



ENERGY AND ENVIRONMENT CABINET

Steven L. Beshear
Governor

DEPARTMENT FOR ENVIRONMENTAL PROTECTION
300 FAIR OAKS LANE
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-2150
FAX (502) 564-4245
www.dep.ky.gov

Leonard K. Peters
Secretary

R. Bruce Scott
Commissioner

March 20, 2012

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MAR 23 2012

Div. of Planning

Keith Damron, P.E., Director
Division of Planning
Transportation Cabinet
Frankfort, KY 40622

Re: US 41A from Kingdom Hall Road in Madisonville to KY 67- in Providence. Item No. 2-8303.00. (SERO 2012-1)

Dear Mr. Damron,

The Energy and Environment 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.

We received your letter dated December 4, 2011 requesting our review of your project for US 41A (Item No. 8303.00). We distributed copies to the Division of Water, Division for Air Quality, Division of Waste Management, Division of Forestry, State Nature Preserves Commission, Kentucky Heritage Council, Division of Conservation, Department of Natural Resources, and the Kentucky Department of Fish and Wildlife Resources. Responses were received from the Division of Water, Division for Air Quality, and the Division of Waste Management. Their comments are attached. No responses were received from the other agencies.

If you should have any questions, please contact me at (502) 564-2150, ext. 3112.

Sincerely,

Larry C. Taylor
State Environmental Review Officer

US 41A from Kingdom Hall Road in Madisonville to KY 67 in Providence. Item No.2-8303.00

Endorsement:

A request for review of the US 41A from Kingdom Hall Road in Madisonville to KY 67 in Providence. in Hopkins/Webster Counties, Kentucky was received on January 10, 2012. The Division of Water (DOW) completed this review and has provided the following comments.

Compliance & Technical Assistance Branch: We have no comments.

Water Quality Branch: The project would not impact known exceptional quality water resources. Impaired waters, Pond Creek and Weirs Creek, could potentially be further degraded. Stormwater collection basins may be required for all alternatives to reduce impacts to these impaired waters. Best management practices shall be utilized to reduce runoff from the project into surface waters.

Watershed Management: No comments are needed from the Floodplain Management Section or the Water Withdrawal Permitting Section for SERO 2012 1, US41A from Kingdom Hall Road in Madisonville to KY 67 in Providence.

Any monitoring wells or water wells that are located in the construction zone will need to be properly abandoned (filled with an impermeable seal) by a KY Certified Water Well or Monitoring well Driller. Construction contractors may need a Groundwater Protection Plan depending on the onsite activities.

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

**DAQ Comments: US 41A from Kingdom Hall Road to KY 670 –
Hopkins and Webster Counties (SERO 2012-1)**

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://air.ky.gov/Pages/OpenBurning.aspx>

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 Brochure located at <http://air.ky.gov/Pages/OpenBurning.aspx>

The Division would like to offer the following suggestions on how this project can help us stay in compliance with the NAAQS. More importantly, these strategies are beneficial to the health of citizens of Kentucky.

- Utilize alternatively fueled equipment.
- Utilize other emission controls that are applicable to your equipment.
- Reduce idling time on equipment.

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

Project Number: SERO 2012-1

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 or other contaminants are encountered during this project they must be properly addressed.