# **Appendix F**

Resource Agencies

Send	38116 Y	40601 Y	40601 Y	× 74	30 ×	42431 Y	299 Y	40743 Y	1601 Y	40622 Y	601 Y	40601 Y	40601 Y	)601 Y	4060117	40601 Y	40601 Y	40601 Y	₩ 48	40601 Y	40601 Y	40622 Y	40601 Y	40601 Y	40601 Y	)601 Y	40506 Y	40601 Y	> 68	40507 Y	40601 Y	7 Y 2001 Y	406221Y	40201 Y	40601 Y	40601 Y	7522 Y	40622 Y	40622 Y	7622 Y	40622 Y	40601 Y	40201 Y	40507 Y	30303 Y	40503 Y	Y 24	40601 Y	3103 Y	20510 Y	0510 Y	42420 Y/N	7515 Y/N	40202 Y/N	
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PO Box 221   PO Box 221   PO Box 221   PO Box 222   PO Box 183   PO Box 183   PO Box 183   PO Box 183   PO Box 21   PO Box 2	Trimble County Judge Executive         Trimble County         PO Box 251           Henry County Judge Executive         Henry County         PO Box 251           Mayor of Camabelishurg         City of Camabelishurg         PO Box 183           Mayor of Camabelishurg         City of Dedicate         PO Box 183           Mayor of Beddord         Commander KSP Post 5         Trimble County State Police         190 Taintywood           Superintendant         Trimble County Schools         106 Taintywood         PO Box 275	New Castle IKY 40050 Y	Michigan Apple 0	Bedford NT 40000-0001	OU KY	Pendleton KY 400301	Bedford KY 4000011	
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# KENTUCKY TRANSPORTATION CABINET FRANKFORT, KENTUCKY 40622 www.kentucky.gov

ERNIE FLETCHER GOVERNOR MAXWELL C. BAILEY
SECRETARY

August 13, 2004

(See Attached List)

«Mailing Title» «First Name» «Last Name» «Suffix»

«Title»

«Organization»

«Address1»

«Address2»

«City», «State» «Zip»

Dear «Letter\_Title» «Last\_Name»:

SUBJECT:

Alternatives Study

Henry and Trimble Counties

US 421, Study from I-71 to Bedford

Item No. 05-147.00

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 has assembled a study team to evaluate the proposed widening and/or relocation reconstruction of US 421 in Henry and Trimble Counties from I-71 in Campbellsburg to US 42 in Bedford. 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 identification of potential 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 October 15, 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 and the general public, 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» «First\_Name» «Last\_Name» «Suffix» Page 2 August 13, 2004

Other Transportation Cabinet offices or consultants working on behalf of the Transportation Cabinet 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:

- Purpose, Issues, Schedule, & Project Goals
- County Map & Project Location
- General Information
- Level of Service Calculations
- Exhibit 1 Year 2002 Traffic and Level of Service
- Exhibit 2 Year 2030 Traffic and Level of Service
- Crash Analysis
- Exhibit 3 High Crash Locations & Segments
- Exhibit 4 Topographic View
- Exhibit 5 Aerial View
- Topographic Environmental Footprint Exhibit

We appreciate any input you can provide concerning this project. Please direct any comments, questions, or requests for additional information to Steve Ross, P.E., of the Division of Planning by phone at (502) 564-7183 or by email at <a href="mailto:Steve.Ross@ky.gov">Steve.Ross@ky.gov</a>. Please address all written correspondence to Annette Coffey, P.E., Director, Division of Planning, Kentucky Transportation Cabinet, 200 Mero Street, Frankfort, KY 40622.

Sincerely,

Annette Coffey, P.E.

Runtte Coffeey

Director

Division of Planning

AC:DJG:RSR:RC

Enclosures

c/att: Jose Sepulveda

Bob Farley

Anthony Goodman Randall Embry Barry G. Sanders Greg Groves

Christopher Phillips

Kevin Dant David Waldner Ananias Calvin



# Purpose, Issues, Schedule, & Project Goals Alternatives Study Henry and Trimble Counties US 421 From I-71 to Bedford Item No. 05-147.00

#### STUDY PURPOSE

The purpose of this Alternate Planning study is to evaluate US 421 from I-71 to Bedford and determine possible alternatives to improve safety and traffic flow. The study is intended to help define the location and purpose of the project and better meet federal requirements regarding consideration of environmental issues as defined in the National Environmental Policy Act (NEPA). Items involved with this study include:

- Define project goals;
- Identify the beginning and ending points of the project as well as potential project locations and design concepts;
- Discuss project needs and issues with public officials, government agencies and other groups with a special interest in the project;
- · Identify known environmental concerns; and
- Listen to and share information with the public.

#### **ISSUES**

US 421 is Bedford's most direct connection to the interstate, and the most pressing problems on this section of roadway are improving this connection. The current roadway alignment has narrow lanes and shoulders. The most frequent accident type in the project area was a vehicle running off the road. Other issues are as follows:

- The existing route is a narrow two-lane roadway with curves and grades that do not meet current guidelines or provide adequate sight distance for on-coming vehicles or vehicles pulling into traffic from side roads.
- An improved route may decrease the travel time between Bedford and I-71 and promote new industry in the region.

# PROJECT SCHEDULE

Only the Planning phase is approved for funding at this time. All other project phases will be considered for approval and funding during future legislative sessions.

# **DRAFT STATEMENT OF PROJECT GOALS**

The project goals for reconstructing US 421 from I-71 to Bedford are:

- 1. Improve connectivity between Bedford and I-71 and to possible future improvements to US 421 north of Bedford including the Milton-Madison Bridge and improvements to US 42.
- 2. Improve safety by correcting horizontal and vertical deficiencies, and providing lane and shoulder widths that meet current guidelines and provide improved safety for school buses.
- 3. Improve access to Henry and Trimble Counties to support economic development in the region.

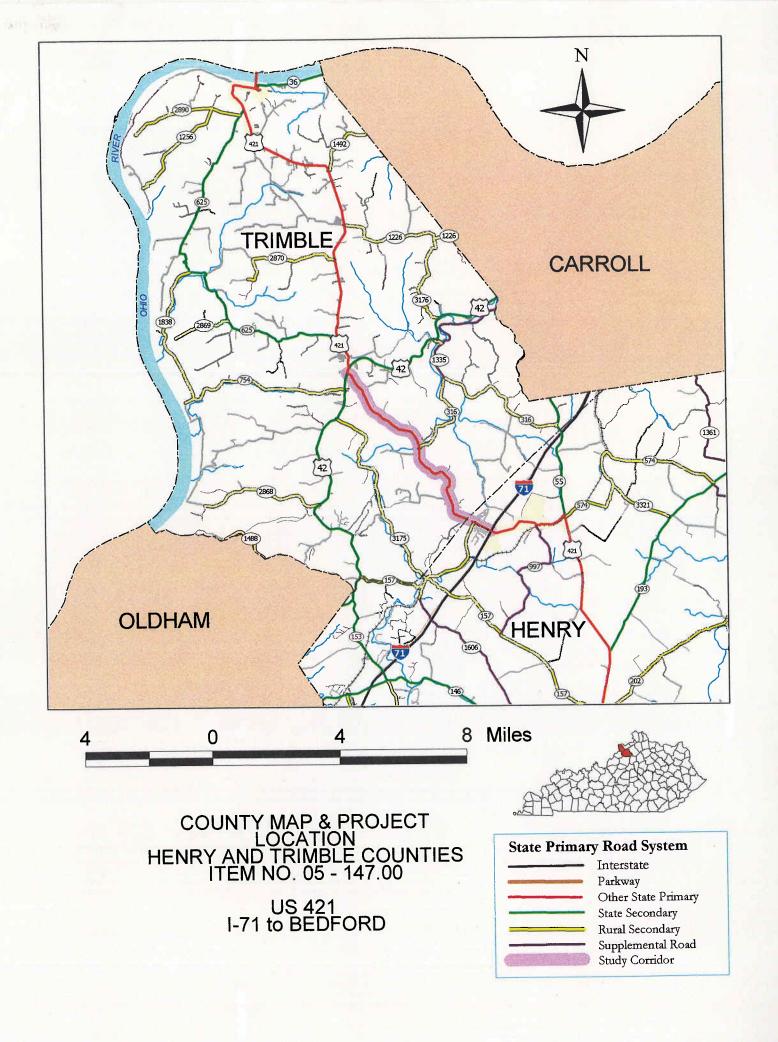
## **CONTACTS**

Address written comments to:

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

Or you may contact by phone or email:

Mr. Steve Ross, P.E. Project Manager, Division of Planning Kentucky Transportation Cabinet (502) 564-7183 Steve.Ross@ ky.gov



# **General Information**

Counties:	Henry and Trimble	
Route:	US 421 Beg MP:	24.284End MP:6.704
Item No:	147.00	
Description:	Alternatives study for US-42	1 from I-71 to Bedford.
	Area Development District (ADD):	Kentuckiana Regional Planning and Development Agency (KIPDA)
	Average Right of Way:	60 Feet
	Bike Route:	No
	Coal Haul Route:	No
	Defense Highway Network:	Yes
	District:	5
	Extended Weight:	No
	Functional Classification:	Rural Minor Arterial
	National Truck Network:	No
	National Highway System (NHS):	No
	Number of Bridges:	4, Two over 100 feet in length
	Pavement type:	Henry- High Flexible
		Trimble- Composite; Flex. over Rigid
	Scenic Byway:	No .
	State System:	State Primary
	Truck Weight Class:	AAA (80,000 lb. Gross Load Limit)
2.14	Type Road:	Undivided Highway
	Type of Terrain:	Rolling

		L	eve	of S	ervi	ce C	alcula	ation	S		
Begin	End	2002 Average	Annual	2030 Average	Percent	Lane	Shoulder	2002 Level of	2030 LOS		OS with vements
Milepoint	Milepoint	Daily Traffic	Growth Rate	Daily Traffic	Trucks	Width (Feet)	Width (Feet)	Service (LOS)	No Improv.	4- Lane	Improved 2-lane
24.284	24.881	4,260	2.4%	8300	7.8%	10	8	С	D	А	С
24.881	25.144	3,120	2.4%	6100	7.8%	10	2	С	С	A,	В
0.000	3.206	2,520	2.4%	4900	8.9%	10	4	В	С	Α	В
3.206	5.948	1,890	2.4%	3700	8.9%	10	4	В	С	А	А
5.948	6.587	2,030	2.4%	3900	8.9%	10	4	В	С	Α	Α
6.587	6.704	2,540	2.4%	4900	8.9%	10	4	С	С	Α	В

Milepoint	Descriptions
24.284	I-71
24.881	KY 1606
25.144/ 0.000	Henry/ Trimble County Line
3.206	KY 316 & Smith Lane
5.948	Starks Lane

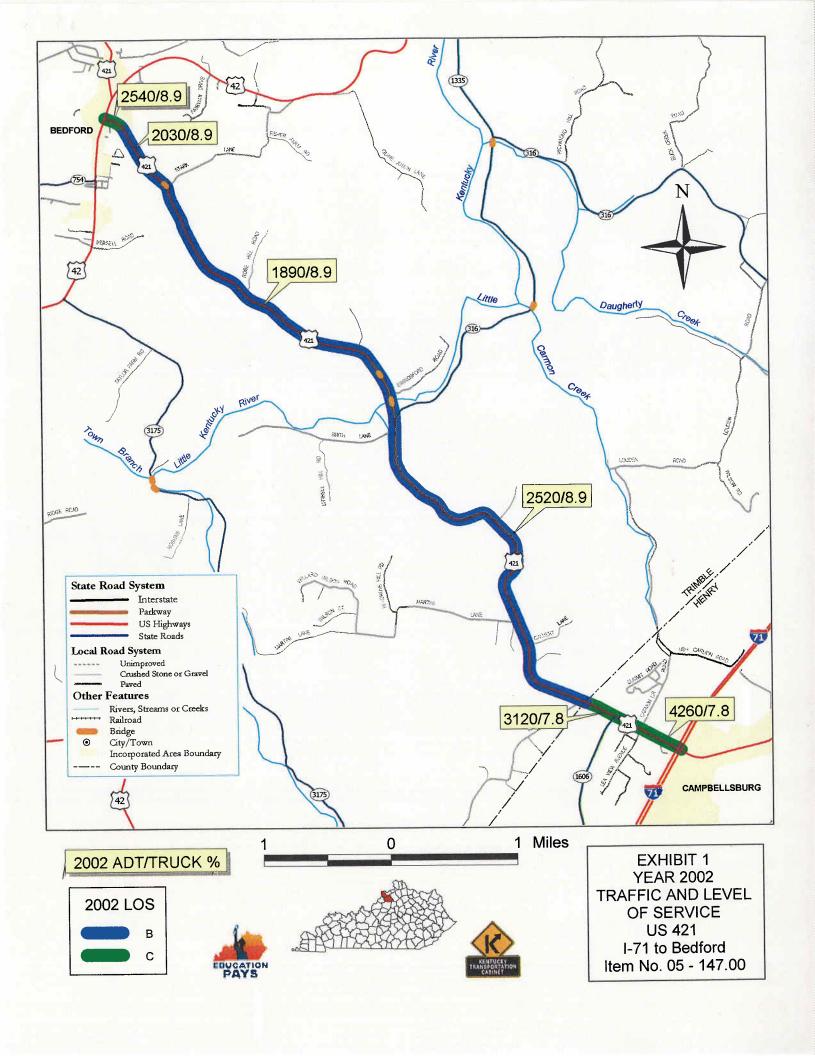
5.948 Starks Lane 6.587 Grey Street 6.704 US 42 (Main Street)

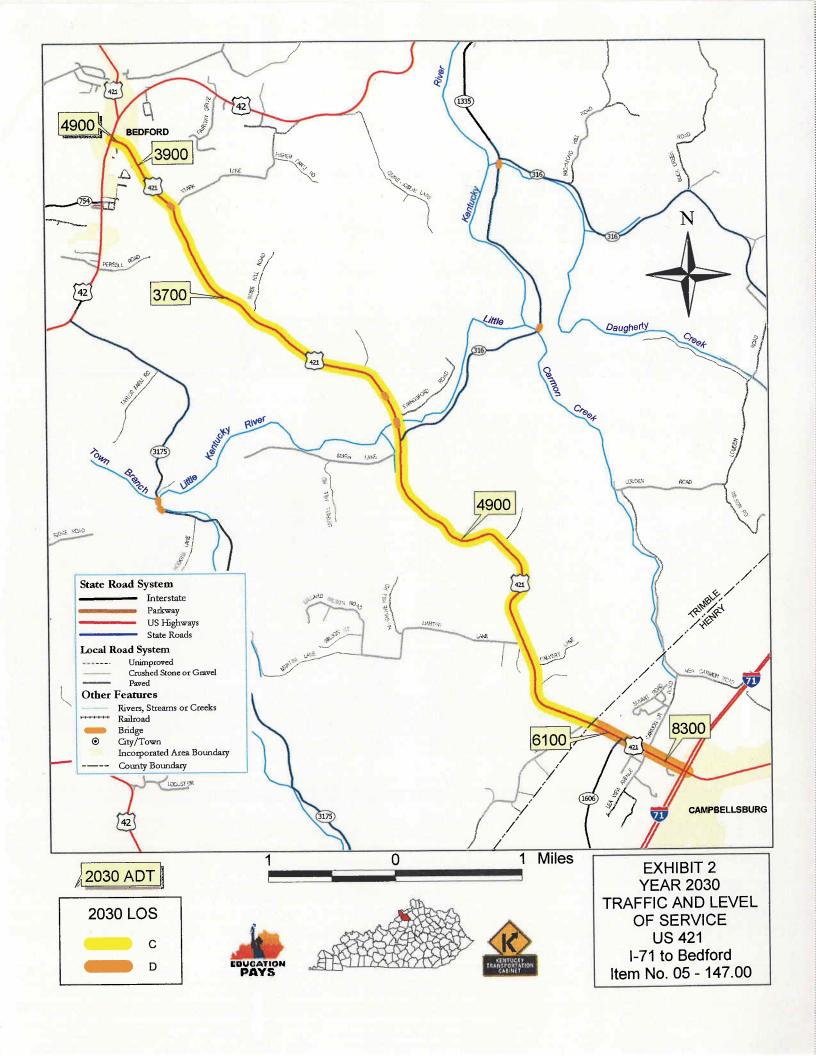
#### Note:

Level of Service (LOS) is used to describe traffic conditions and includes consideration of speeds, travel time, freedom to maneuver, traffic interruptions, comfort, and convenience. LOS is given letter designations from A to F, with LOS A representing free flow conditions and LOS F representing severe congestion. Typically, a minimum LOS D is acceptable in urban areas and LOS C in rural areas.

Exhibit 1 on the next page shows a visual representation of the current LOS on US 421 between I-71 and Bedford.

Exhibit 2 shows a visual representation of the projected LOS in the year 2030 on an unimproved US 421 between I-71 and Bedford.





				Crash A	Analysis					
					Average		Cra	ashes		Critical
Segment	County	Begin Milepoint	End Milepoint	Length (Miles)	Daily Traffic	Fatal	Injury	Property Damage Only	Total	Rate Factor
13			January 1,	1996 to Dec	ember 31, 1	999 HIS	Data			
1	Henry	24.284	24.880	0.596	4260	0	3	13	16	0.903
2	Henry	24.881	25.143	0.262	3120	0	0	1	1	0.125
3	Trimble	0.000	3.205	3.205	2520	0	10	12	22	0.497
4	Trimble	3.206	5.947	2.741	1890	0	7	6	13	0.422
5	Trimble	5.948	6.586	0.638	2030	0	1	4	5	0.459
6	Trimble	6.587	6.704	0.117	2540	0	4	8	12	2.799
Total		24.284	6.704	7.563	2407	0	25	44	69	0.779
		J	anuary 1,20	00 to Dece	mber 31, 200	3 CRASI	l Data			
1	Henry	24.284	24.880	0.596	4260	0	2	9	11	0.768
2	Henry	24.881	25.143	0.262	3120	0	3	2	5	0.755
3	Trimble	0.000	3.205	3.205	2520	1	12	21	34	0.973
4	Trimble	3.206	5.947	2.741	1890	0	4	16	20	0.815
5	Trimble	5.948	6.586	0.638	2030	0	3	1	4	0.447
6	Trimble	6.587	6.704	0.117	2540	0	0	12	12	3.285
Total	,,,,,,	24.284	6.704	7.563	2407	1	24	61	86	1.247

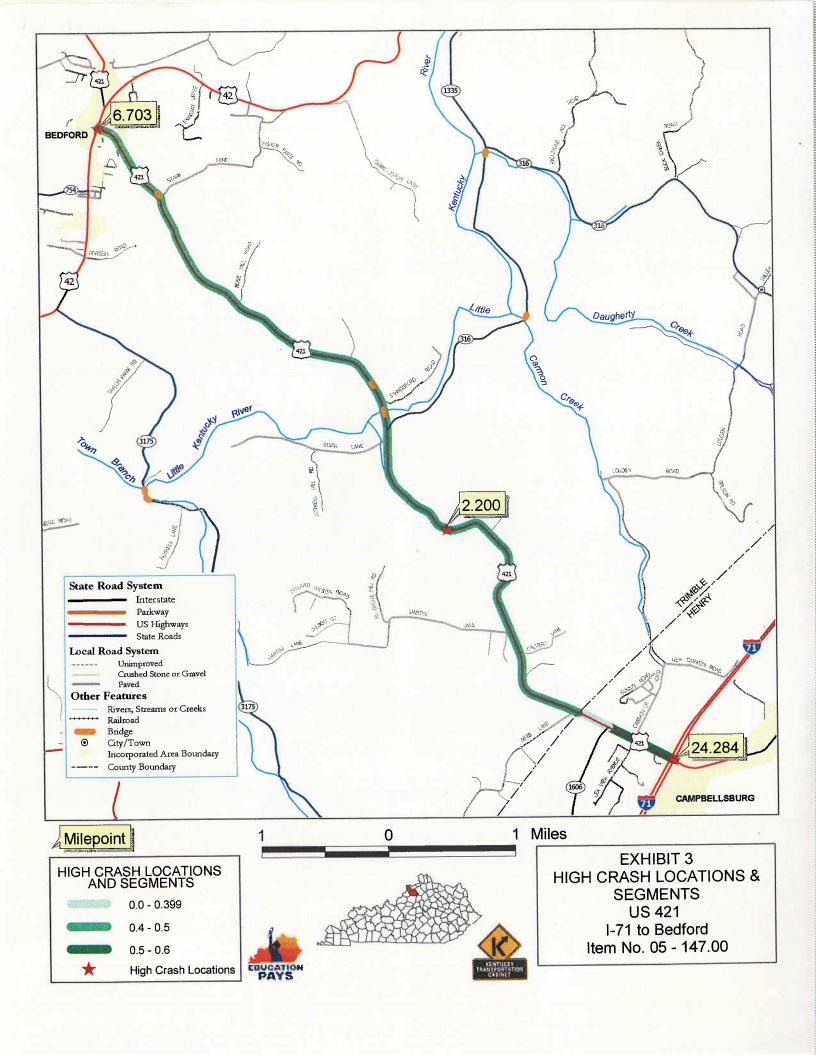
<sup>\*</sup> Segments in gray indicate Critical Rate Factor greater than 1.0.

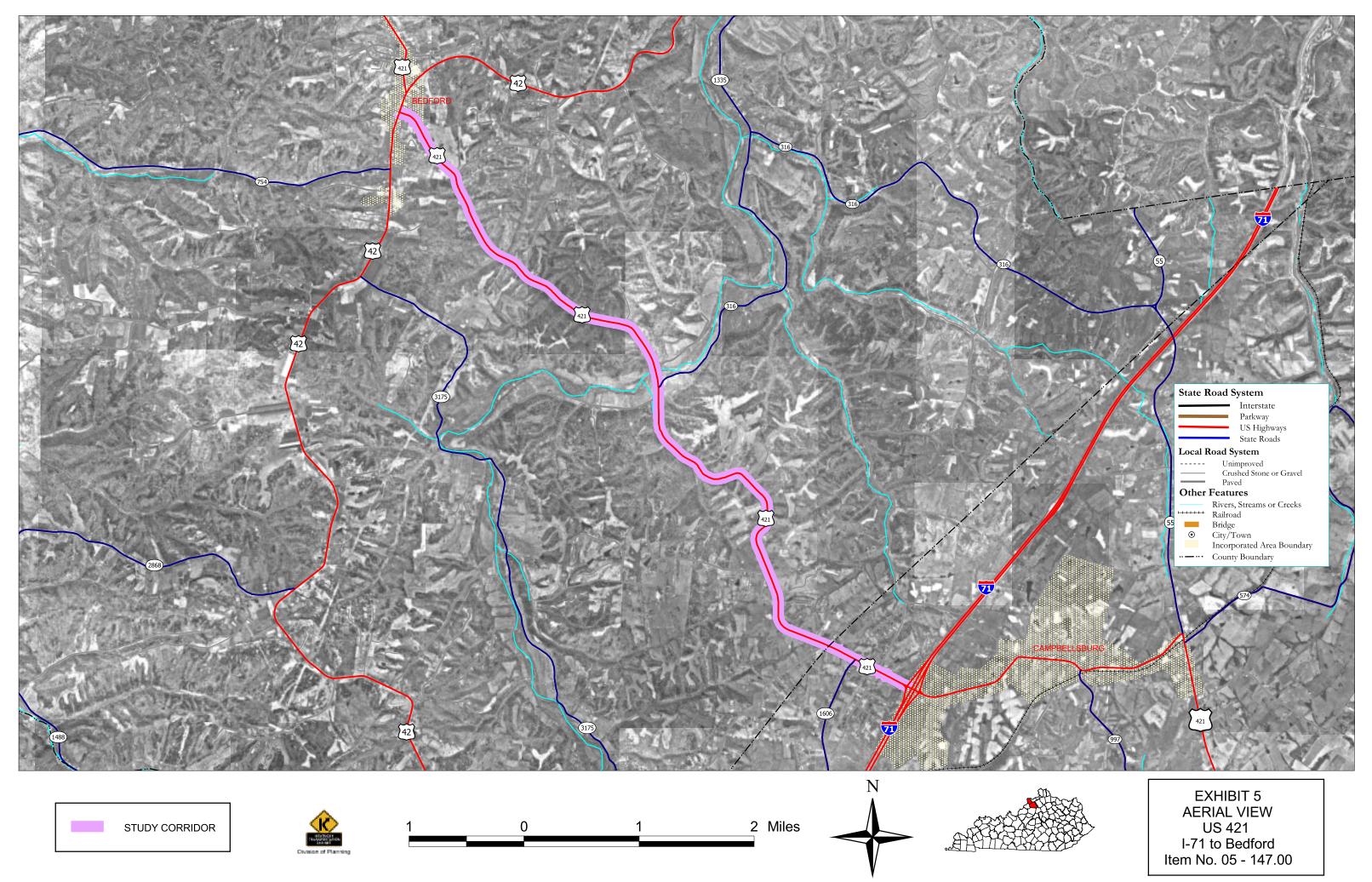
Milepoir	nt Descriptions
24.284	1-71
24.881	KY 1606
0.000	Henry/ Trimble County Line
3.206	KY 316 & Smith Lane
5.948	Starks Lane
6.587	Grey Street
6.704	US 42 (Main Street)

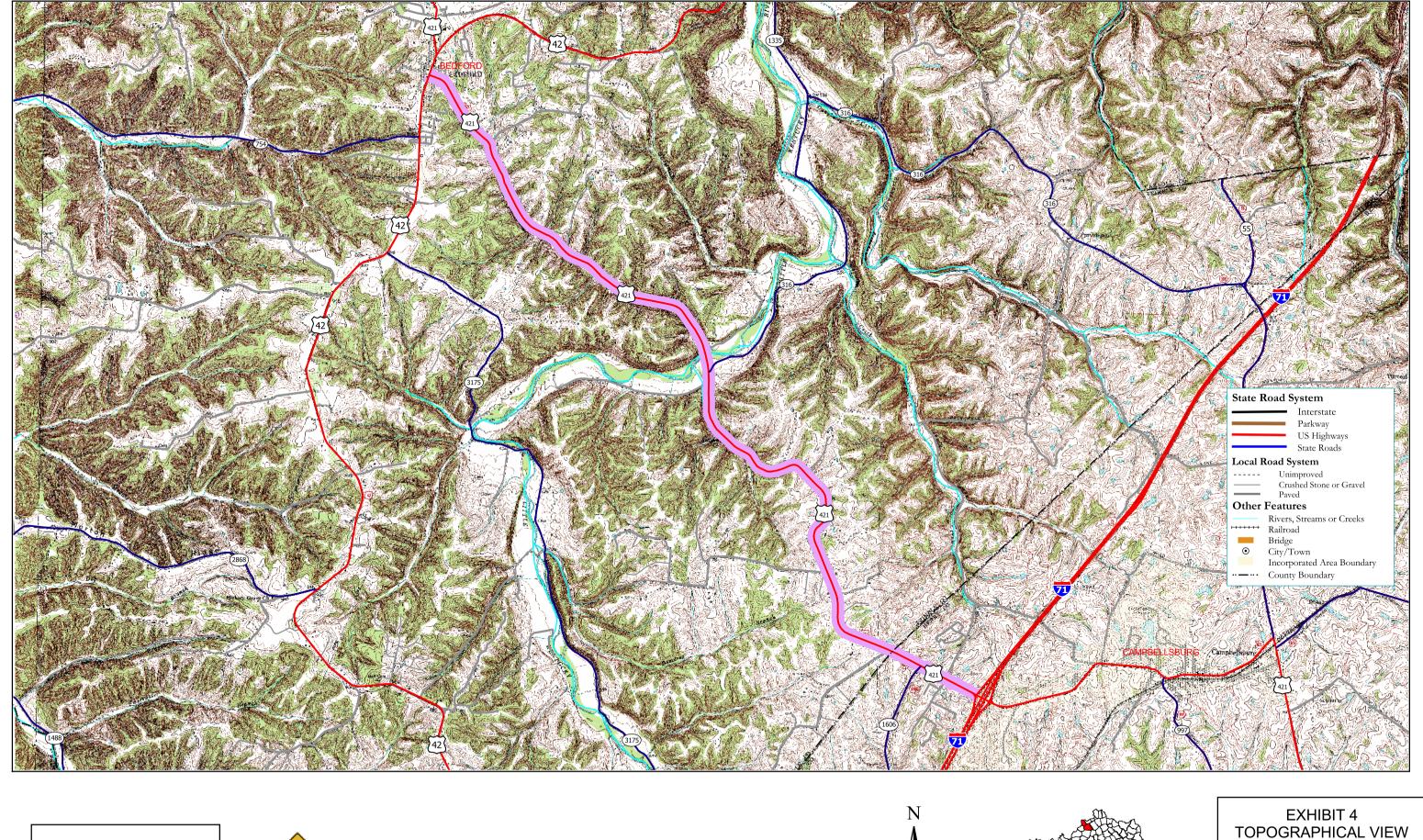
# Note:

When a spot or segment has a Critical Rate Factor (CRF) greater than 1.00, it indicates that crashes at that location may not be occurring randomly.

Exhibit 3 on the next page shows a visual representation of the high crash locations. Between January 1, 1996 and December 31, 2003, three specific spots had 5 or more reported and validated crashes. Milepoint 6.703 at the intersection of US 421 and US 42 in Bedf ord had 19 total crashes, of which 12 were rear end collisions. Milepoint 24.284 at the intersection of US 421 and I-71 had a total of 8 crashes, of which 5 were angle collisions involving vehicles turning left. Milepoint 2.200 located on a sharp horizontal curve in Trimble County 2.2 miles from the Henry County Line had a total of 5 crashes, of which 4 involved a single vehicle running of f of the roadway.

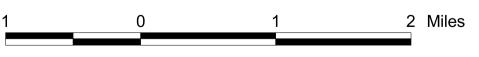














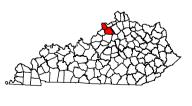



EXHIBIT 4
TOPOGRAPHICAL VIEW
US 421
I-71 to Bedford
Item No. 05 - 147.00



C-17 Geotechnical Branch Blevins

PIANNING W5-05-01

## MEMORANDUM

DIV OF PLANNING

7004 SEP 30 A 11: 49

TO:

Annette Coffey

Director

Division of Planning

FROM:

William Broyles PE

Geotechnical Engineering

Branch Manager Division of Materials

BY:

Michael Blevins PG MB

Geotechnical Branch

DATE:

September 27, 2004

**SUBJECT:** 

Henry and Trimble County

FD04 112 0421 000-007 P US 421, From I-71 to Bedford

Item 5-147.00 Mars # 73355001P

At your request, the branch has completed a review of the proposed project and the following comments are provided:

The project is located on the Campbellsburg and Bedford Geologic Quadrangle Map. The formations that may be encountered along the proposed corridor are Alluvium, Glacial Drift, Calloway Creek Limestone, Grant Lake Limestone, Bull Fork and Drakes Formation.

The alluvium consists of clay, silt, sand and gravel which is mainly found along the Little Kentucky River and its tributaries. The alluvium ranges from 0 to 20 feet in thickness.

Glacial Drift may be encountered on the ridge tops in and around the town of Bedford. The Glacial Drift should only be encountered in the vicinity of the intersection of US 421 and US 42. The material is considered to be highly erosive and flatter cut and fill slopes may be required.

The Calloway Creek Limestone consists of Limestone and Shale. Limestone makes up approximately 75 percent of the formation and the beds can be as thick as 2 feet. The Shale occurs as partings or in thin irregular beds.

Memorandum Annette Coffey September 29, 2004 Page-2-

The Grant Lake Limestone is mainly an argillaceous (shaley) limestone and the Bull Fork consist of interbedded limestone and shale in equal amounts. The Drakes Formation consists mainly of dolomite, and limestone and shales.

The branch has no preferred line or corridor and no major geotechnical issues are expected to be encountered. The quality of the limestone from roadway excavation may not be suitable for rock roadbed.

If there are any questions, please advise.



#### 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

August 19, 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 alternatives study:
Henry and Trimble Counties
U.S. 421, Study from I-71 to Bedford.
Item No. 05-147.00

# Physiographic Region

This alternatives study area is in the Outer Bluegrass physiographic region near the Ohio River, is underlain by clay, silt, sand, gravel, limestone, siltstone, and shale.

#### Karst Potential

This alternatives study area might encounter karst features such as sinkholes and caves.

#### Landslide Potential

This alternatives study area would encounter sections of unconsolidated sediments near streams that would be prone to landslides.

# **Unconsolidated Sediments**

This alternatives study area would encounter unconsolidated sediments.

#### Resource Conflicts

This alternatives study area might encounter resource conflicts such as prior ownership of property for quarrying or mining.

## **Materials Suitability**

This alternatives study area would encounter rock units that would be suitable as construction stone.



# Fault Potential

This alternatives study area would not encounter any faulted areas.

# Earthquake Ground Motions

This alternatives 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 liquefication or slope failure in the unconsolidated sediments at or near streams caused by earthquake bedrock ground motion.

Sincerely,

Geologist

cc: Mike Blevins



# DIV OF PLANNING

ERNIE FLETCHER GOVERNOR

# ENVIRONMENTAL AND PUBLIC PROTECTION PRINTER 9 31-04 ANA S. WILCHER

SECRETARY

DIVISION OF CONSERVATION 663 TETON TRAIL

FRANKFORT, KENTUCKY 40601 PHONE (502) 564-3080 Fax (502) 564-9195 www.kentucky.gov

STEPHEN A. COLEMAN DIRECTOR

October 14, 2004

Ms. Annette Coffey, P.E. Director, Division of Planning Kentucky Transportation Cabinent 200 Mero Street Frankfort, KY 40622

Subject: US 421 in Henry and Trimble Counties

Dear Ms. Coffey:

As requested, the Division of Conservation has reviewed the proposed widening and/or reconstruction of US 421 from I-71 in Campbellsburg to US 42 in Bedford and would like to provide the following comments and express concerns that may help in the 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. Both prime farmland and farmland of statewide importance could be impacted by this project. 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 of Henry and Trimble Counties (NRCS 1992) and Important Farmland Soils of Kentucky (NRCS 1981). This information is available through our office or the offices of Henry and Trimble County Conservation Districts. The soil information downloaded following web site: can also be at the 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 several perennial and intermittent streams that this project could impact.

Ms. Annette Coffey, P.E. October 14, 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 Henry and Trimble County Conservation Districts or this office. Also an electronic version of the Kentucky Erosion Prevention and Sediment Control Field Guide is available online at <a href="http://www.water.ky.gov/sw/nps/Publications.htm">http://www.water.ky.gov/sw/nps/Publications.htm</a>

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/aeh

Enclosure



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

October 14, 2004

LAJUANA S. WILCHER SECRETARY

> SUSAN C. BUSH COMMISSIONER

Annette Coffey, P.E. Director Division of Planning Kentucky Transportation Cabinet 200 Mero Street Frankfort, Kentucky 40622

RE: Alternative Study for Henry and Trimble Counties

US 421, Study from I-71 to Bedford

Item No. 05-147.00

Dear Ms. Coffey:

The Department for Natural Resources has examined the documentation for the above Alternative Study. The Kentucky Division of Forestry states that in relation to the potential widening of US 421 in the counties of Henry and Trimble, there is not a huge concern with the type of woodland being affected. Most of the woodland is second growth with a variety of species included. It would appear that the biggest concern would be the woodland areas affected along the stream channels that are near the existing roadbed. The Division of Forestry would greatly encourage the transportation cabinet to consider planting a variety of tree species to replace the ones being removed. Mr. James R. Wright of the Bluegrass District would be more than happy to provide any technical assistance the Transportation Cabinet may need when it comes to determining the type species to re-plant.

Please contact Leah MacSwords in the Division of Forestry at (502) 564-4496 or Mr. James R. Wright of the Bluegrass District at (502) 573-1085 if you need any additional information pertaining to this project.

Sincerely,

Susan C. Bush, P.E.

Commissioner

THE COLUMN THE COLUMN



ERNIE FLETCHER
GOVERNOR

# DIV OF PLANNING

# COMMERCE CABINET

2004 OCT 13 A II:W20 AMES HOST SECRETARY

CAPITAL PLAZA TOWER
500 MERO STREET, 24TH FLOOR

COMMERCE CABINET

FRANKFORT, KENTUCKY 40601-1974
PHONE (502) 564-4270 Fax (502) 564-1512
commerce.ky.gov

DERRICK K. RAMSEY
DEPUTY SECRETARY
COMMERCE CABINET

October 5, 2004

Annette Coffey, P.E. Kentucky Transportation Cabinet Director Division of Planning 200 Mero Street Frankfort, Kentucky 40622

Subject:

Henry and Trimble Counties

US 421, from I-71 to Bedford

Item No. 05-147.00

Dear Ms. Coffey,

Thank you for providing the opportunity to review and comment upon the alternatives being considered for the restructuring of US 421 from I-71 in Campbellsville to US 42 in Bedford.

I have reviewed the material provided by your office relating to this project. Based upon the information provided, this improvement will positively impact the area in both the tourism and industrial development segments of the economy.

The maps provided do not indicate historical structures or wildlife management areas in the past of constructions. These are areas of interest in the development and stability of the tourism industry and cultural activities in the area. 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.

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 564-4270.

Sincerely,

W. Jum / 
W. James Host
Secretary



DIV OF PLANNING

2004 SEP 30 P 12: 11

# COMMONWEALTH OF KENTUCKY KENTUCKY STATE POLICE

919 VERSAILLES ROAD FRANKFORT KY, 40601

MARK L. MILLER COMMISSIONER

ERNIE FLETCHER
GOVERNOR

September 13, 2004

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

RE:

Alternative Study

Henry and Trimble Counties

US 421, Study from I-71 to Bedford

Item No. 05-147.00

Dear Ms. Coffey:

Members of the Kentucky State Police assigned to the Campbellsburg Post have thoroughly reviewed the referenced planning study. Post 5 personnel are in complete agreement with the draft statement of the project goals, particularly those goals that address correcting the roadways horizontal and vertical deficiencies and improving the lane and shoulder widths, as well as possible improvements to the Milton-Madison Bridge. Based on the information provided in the study and our general knowledge of the area and roadway, the Kentucky State Police is unaware of any issues that may negatively impact the proposed project.

The Kentucky State Police is committed to ensuring that the motoring public is as safe as possible. To aid us is that endeavor, I appreciate the opportunity to have reviewed this particular study and provide our thoughts and comments.

Sincerely,

Mark L. Miller, Commissioner

Kentucky State Police



AN EQUAL OPPORTUNITY EMPLOYER M/F/D



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

DIV OF PLANNING

2004 SEP 20 A 11: 41

MAXWELL C. BAILEY
SECRETARY

# ERNIE FLETCHER GOVERNOR

# **MEMORANDUM**

TO:

Annette Coffey

Director

Division of Planning

FROM:

M. Chad LaRue

Branch Manager

Permits

DATE:

September 13, 2004

RE:

Henry and Trimble Counties

US 421, Study from I-71 to Bedford

Item No. 5-147.00

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 as a partially controlled access facility.
- 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. We encourage using the existing roadway as a frontage road to provide access to closely spaced entrances to reduce the amount of conflict points.
- 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/pm

# Trimble County Schools

GARRY D. JACKSON, SUPERINTENDENT
MARCIA DUNAWAY, ASST. SUPERINTENDENT
SHEILA DAVIS, FEDERAL COORD/INST. SUPERVISOR
KAY BISHOP, FINANCIAL MANAGER
ROD SMOTHERS, CHIEF INFORMATION OFFICER
JEAN ADAMS, DIRECTOR OF SPECIAL EDUCATION
PHYLLIS PENISTON, FOOD SERVICE DIRECTOR

BOARD OF EDUCATION
JAN JOYCE, CHAIRMAN
THOMAS COOK, VICE CHAIRMAN
J.W. SACHLEBEN, MEMBER
JILL SIMMONS, MEMBER
ROBERT YOWLER, MEMBER

To Whom It May Concern:

Subject:

Alternatives Study

Henry and Trimble Counties

US 421, Study from I-71 to Bedford

Item No. 05-147.00

Thank you for including the Trimble County Schools in your planning study and giving us the opportunity to give input and comments regarding the proposed highway 421 project.

After reviewing the proposed project information, I believe travel time for school transportation will be reduced and safety will be improved.

The only negative impact would be the rerouting of buses during the construction phase of the project.

If you have any questions, you may call me at 502-255-3201.

Sincerely,

Marcia Haney Dunaway Assistant Superintendent

**Trimble County Schools** 

DIV OF PLANNING



Commander Eighth Coast Guard District 1222 Spruce Street St. Louis, MO 63103-2832 Staff Symbol: obr Phone: (314) 539-3900 x 2380 Fax: (314) 539-3755 Email:

16591.1 September 10, 2004

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

Subj: ALTERNATIVES STUDY, HENRY AND TRIMBLE COUNTIES, U. S. 421, STUDY FROM I-71 TO BEDFORD ITEM NO. 05-147.00

Dear Ms. Coffey:

We have reviewed your proposal for the planning study for the subject project. Under the provisions of the Coast Guard Authorization Act of 1982, it has been determined that the project is located in an area of a waterway where the Coast Guard has elected to not exercise jurisdiction for Bridge Administration purposes. A Coast Guard bridge permit will not be needed.

Thank you for providing the opportunity to comment on this project. If you should need any further information about our permit process, you can call my office at the above number.

Sincerely,

ROGER K. WIEBUSCI

Bridge Administrator

By direction of the District Commander

Phone 502-845-5707
Office Email
hcjudgeexec@hotmail.com

# JOHN LOGAN BRENT

P.O. BOX 202 NEW CASTLE, KENTUCKY 40050



September 8, 2004

Ms. Annette Coffey, P.E. Director – Division of Planning Kentucky Transportation Cabinet 200 Mero ST Frankfort, KY 40622

Dear Ms. Coffey,

After review of the "Hwy 421 Alternatives Study" from I-71 to Bedford I have no specific issues to address. In general I would tell you that I have been on the road many times and know from first hand experience that it is not a pleasant road to drive. Straightening the road would not only be a safety benefit, it would also be a huge boost to commerce in the region as travel from Madison and Bedford to locations along I-71 would become much more feasible.

I am 100% behind seeing this project move forward and will work with Transportation Department on it in whatever capacity I can be of assistance.

Sincerely,

John Logan Brent

Henry County Judge/Executive

ohn & Brent



ERNIE FLETCHER
GOVERNOR

# CABINET FOR HEALTH AND FAMILY SERVICES

ADMINISTRATIVE AND FISCAL AFFAIRS 275 EAST MAIN STREET, 5C-B FRANKFORT, KENTUCKY 40621-0001 (502) 564-6631 FAX (502) 564-2608 WWW.KENTUCKY.GOV

JAMES W. HOLSINGER, JR., M.D. SECRETARY

September 7, 2004

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

Re: Alternatives Study

Henry and Trimble Counties

U.S. 421, Study from I-71 to Bedford

Item No.: 05-147.00

Dear Ms. Coffey:

As requested in your August 13, 2004 letter to Secretary Holsinger, the Cabinet for Health and Family Services has reviewed the impact of the reconstruction of U.S. 421 in Henry and Trimble Counties as it relates to the services we provide in this region. While the Cabinet does lease property in the immediate area, we do not anticipate that the construction will create a hardship on our staff nor clients unless U.S. 421 is shut down for long periods of time. Given the goals of the study, I believe the changes would ultimately have a positive impact on the traffic flow within the area.

If you require any additional information, do not hesitate to contact me at 564-6631.

Sincerely,

Lisa B. Detherage, Branch Manager Facilities Management Branch

Luia B. Detrerage

Division of Facilities Management

c: Dr. James W. Holsinger, Jr., M.D.

# Ross, Steve (KYTC)

From:

Wolfe, Jeff (KYTC)

Sent:

Wednesday, September 08, 2004 11:44 AM

To:

Ross, Steve (KYTC)

Subject:

Henry and Trimble County -US 421 (I-71 to Bedford) Alternatives Study - Traffic Operations

Comments

Steve,

Our Traffic Engineering and Systems Operations Branches have reviewed the subject study. Our comments are as follows:

Due to the critical crash rate on the northernmost section of US 421, we pulled crash reports for the intersection of US 421 and US 42 in Bedford. We thought that the intersection may be a source of the higher crash numbers on this section. Based on the available crash reports, there does not appear to be a significant pattern of crashes an the southernmost junction of US 421 and US 42. As a result, we do not think that the high crash rate on this section can be attributed to the US 421/US 42 intersection.

It would appear to be advantageous to consider realigning US 421 and US 42 to provide one intersection as opposed to the existing two intersections.



COMMONWEALTH OF KENTUCKY

DEPARTMENT OF AGRICULTURE

OFFICE OF THE COMMISSIONER

CAPITOL ANNEX, SUITE 188

FRANKFORT, KY 40601

OFFICE TELEPHONE (502) 564-5126 DIV OFTPL (502) 564-5016 2075

2004 SEP -3 P 3: 45

September 2, 2004

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

RE: Alternatives Study

Henry and Trimble counties

US 421, Study from I-71 to Bedford

Item No. 05-147.00

Dear Ms. Coffey:

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

Yours truly,

Ann Stewart
Staff Assistant



ERNIE FLETCHER
GOVERNOR

# DEPARTMENT OF PARKS

COMMERCE CABINET
CAPITAL PLAZA TOWER
500 MERO STREET, 11<sup>TH</sup> FLOOR
FRANKFORT, KENTUCKY 40601-1974
PHONE (502) 564-2172 FAX (502) 564-9015
parks.ky.gov

September 1, 2004

W. JAMES HOST SECRETARY COMMERCE CABINET

GEORGE WARD
COMMISSIONER
DEPARTMENT OF PARKS

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

Re: Alternatives Study

Henry & Trimble Counties

US 421, Study from I-71 to Bedford

Item No. 05-147.00

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

C: John Drake

x) wad



ERNIE FLETCHER GOVERNOR

# COMMONWEALTH OF KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET

KENTUCKY VEHICLE ENFORCEMENT FRANKFORT, KY 40601

LT. GOV. STEPHEN B. PENCE SECRETARY

> GREG HOWARD COMMISSIONER

# MEMORANDUM

TO:

Annette Coffey, P.E.

Director

Division of Planning **Transportation Cabinet** 

FROM:

Greg Howard Commissioner 9-1-04

Department of Kentucky Vehicle Enforcement

Justice and Public Safety Cabinet

DATE:

August 31, 2004

SUBJECT:

Alternative Study

Henry and Trimble Counties

US 421, Study from I-71 to Beford

Item Number 05-147.00

In reference to the above study, we can see no problem with widening the roadway provided it is made a designated highway. This meaning it will accommodate 102" wide vehicles. Captain Edmondson, who is Regional Commander for this area, states it would be a much needed improvement.

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

# Ross, Steve (KYTC)

From:

Houlihan, John (KYTC)

Sent:

Thursday, August 26, 2004 10:14 AM

To: Subject: Ross, Steve (KYTC) US 421 Item No. 5-147

The above proposed project will not affect any airport in that area. However if construction equipment exceed 200' a permit will have to be issued by this office. If you need to file an application with us, give me a call and I can get you the forms. Let me know if you have any questions. Thank you.



# DIV OF PLANNING

# COMMONWEALTH OF KENTUCKY ENVIRONMENTAL AND PUBLIC PROTECTION (CLASSIC) P 3: 22

# DEPARTMENT FOR ENVIRONMENTAL PROTECTION

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

August 25, 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 and/or relocation reconstruction of US 421 in Henry and Trimble Counties from I-71 in Campbellsburg to US 42 in Bedford, Item Number 05-147.00. 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 August 25, 2004 Page 2

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



# DIV OF PLANNING

ERNIE FLETCHER
GOVERNOR

## COMMERCE CABINET

2004 AUG 26 A 10: 26. JAMES HOST
URGES SECRETARY, 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

man, commence ones.

C. TOM BENNETT COMMISSIONER

August 24, 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 and/or Relocation Construction of US 421, Item No. 05-147.00, Henry and Trimble Counties, 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 Bedford and Campbellsburg 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.

The KDFWR recommends the following for the portions of the project that cross intermittent and perennial streams:

- 1. Development/excavation during a low flow period to minimize disturbance;
- 2. Preservation of tree canopy overhanging the stream;
- 3. The applicant use a comprehensive sediment control plan consisting of silt barriers, diversion ditches, and immediate seeding and mulching of disturbed areas during and upon completion of the project;
- 4. Any excavation of stream channel for placement of bridge piers should be kept at a minimum;
- 5. The existing transportation corridors should be used as the main crossing of the stream during bridge construction if possible to minimize impacts to the aquatic resources.

Page Two Ms.Coffey August 24, 2004

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.

Sincerely, Mark Darbour Callaghan

Maria T. Barbour Callaghan

Fisheries Biologist III

cc: Environmental Section File

# Ross, Steve (KYTC)

From:

Harman, Charles L (WFD-FK)

Sent:

Thursday, August 19, 2004 2:51 PM

To:

Coffey, Annette (KYTC) Ross, Steve (KYTC)

Cc: Subject:

Item No. 05-147.00

Annette - The Education Cabinet has reviewed the subject alternative study, and have no comments at this time.

ch

Charlie Harman
Office of Budget and Administrative Services
Education Cabinet
502.564.6606

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# Ross, Steve (KYTC)

From: Sent: Palmer-Ball, Brainard (EPPC, KSNPC) Wednesday, August 18, 2004 8:59 AM

To: Subject: Ross, Steve (KYTC) US 421, Trimble Co

TO: Steve Ross, Ky Transportation Cabinet

FROM: Brainard Palmer-Ball, Jr., KSNPC

**DATE: August 18, 2004** 

RE: US 421 realignment in Trimble County

KSNPC has reviewed the project summary and has no comment at this time. There are likely several rare species issues that will need to be dealt with including Indiana bat and Running buffalo clover.