

APPENDIX H
RESOURCE AGENCY
COORDINATION



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/
 July 31, 2009

Steven L. Beshear
 Governor

Joe Prather
 Secretary

«Mailing_Title» «First_Name» «Last_Name»«Suffix»
 «Title»
 «Organization»
 «Address1»
 «Address2»
 «City» «State» «Zip»

Dear «Letter_Title» «Last_Name»:

Subject: Planning Study
 Henderson County
 US 41A (Green Street)
 Item No. 02-410.00

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 potential improvements to US 41A (Green Street) in Henderson, Kentucky. The primary goals of this project would be to address highway capacity and growth needs in Henderson County and to improve safety by providing an improved route with a two-way left turn lane that complies with current design standards. 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. In particular, we are asking that you provide the following information:

- Comments on the project goals or purpose and need for the project.
- Significant issues or concerns in the project area that may need to be addressed so that the project can be adequately scoped.
- Any conservation or development plans your agency or organization has ongoing or is aware of in the project area.
- Locations of any known areas, issues, or resources within the project area that should be considered when developing alternatives so that impacts can be minimized, mitigated, or avoided early in the process.
- Any mitigation strategies that should be considered in the development of the project.



We respectfully ask that you provide us with your comments by August 31, 2009, 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.

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:

- Study Purpose, Issues, and Draft Project Goals
- Project Location Map
- Traffic and Crash Data
- Long-Term Vision Typical Section
- Aerial Photography Environmental Footprint
- USGS Environmental Footprint

We appreciate any input you can provide concerning this project. Please direct any comments, questions, or requests for additional information to Nick Hall of Highway District 2 at (270) 840-7080 or at Nick.Hall@ky.gov. Please address all written correspondence to Keith R. Damron, P.E., Director, Division of Planning, Kentucky Transportation Cabinet, 200 Mero Street, 5th Floor West, Frankfort, KY 40622.

Sincerely,



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

KRD/TWW/NH

Enclosures

c: Jose Sepulveda, FHWA (w/e)
Duane Thomas, FHWA (w/e)
Gina Boaz, Green River ADD (w/e)
Doug Heberle, Qk4
Kevin McClearn
Everett Green
Nick Hall
Cary Palmer
David Martin

Mailing Title	Letter Title	First Name	Last Name	Suffix	Title	Organization	Address 1	Address 2	City	State	Zip
Mr.	Mr.	Phillip	Braden		District Office Manager	Wildlife Management Bureau	2862 Business Park Drive Building G	P.O. Box 487	Memphis	TN	38118-1656
Mr.	Sr and/or Madam	Edward W.	Link		Major General	American Association of Truckers	236 Shaker Avenue, Suite 400		Frankfort	MS	38614
Mr.	Mr.	Jamie	Crothers		Acting Commissioner	Department of Military Affairs	Boone Natl Guard Ctr. 100 Moutgaman Pky.		Frankfort	KY	40601
Mr.	Mr.	William	Straw	Ph. D.	Regional Environmental Officer	Department of Parks	10th Floor, Capital Plaza Tower	500 Metro Street	Frankfort	KY	40601
Mr.	Sr and/or Madam	Jack	Fish		President	Federal Emergency Management Agency, Region IV	211 Lafayette Hall		Lexington	KY	40508-0024
Ms.	Ms.	Jinling	Miler		Secretary	Kentuckians for the Commonwealth	10332 Blugrass Parkway		Atlanta	GA	30341-1130
Mr.	Mr.	Ronald	Roy		Interim Chairman	Cabinet for Health and Family Services	105 Reams Street	P.O. Box 1450	Louisville	KY	40299
Mr.	Mr.	Bob	Aderson		Executive Director	Kentucky Airport Zoning Commission	275 East Main		Louisville	KY	40201
Mr.	Mr.	Rchie	Farringer		Executive Director	Kentucky Association of Counties	Capital City Airport	90 Airport Road, Building 400	Frankfort	KY	40601
Mr.	Mr.	Bruce	Scott		Commissioner	Kentucky Chamber of Commerce Executives, Inc.	484 Chenault Road		Frankfort	KY	40601
Dr.	Dr.	Jonathan	Garrett		Commissioner	Kentucky Department of Agriculture	32 Fountain Place		Frankfort	KY	40601
Mr.	Mr.	Carl	Cambell		Commissioner	Kentucky Department of Fish and Wildlife Resources	150 Fair Oaks Lane		Frankfort	KY	40601
Mr.	Mr.	Stephen A.	Coleman		Director	Kentucky Department for Nat'l Resources	#2 Hudson Hollow		Frankfort	KY	40601
Mr.	Mr.	Roddy	Rothman		Commissioner	Kentucky Department for Nat'l Resources, Division of Conservation	919 Versailles Road		Frankfort	KY	40601
Mr.	Mr.	Chasie	Foster		President	Division of Mine Reclamation and Enforcement	# 2 Hudson Hollow		Frankfort	KY	40601
Mr.	Mr.	John	Lions		Director	Kentucky Dealers Coalition	803 Schenkel Lane	P.O. Box 1589	Frankfort	KY	40601
Ms.	Ms.	Lugh W.	MacSwords		Director	Kentucky Division of Air Quality	627 Comanche Trail		Frankfort	KY	40601
Mr.	Mr.	Greg	Howard		Commissioner	Kentucky Department of Forestry	125 Holmes Street, 3rd Floor		Frankfort	KY	40601
Mr.	Mr.	John	Hutton		Director	Kentucky Department of Waste Management	14 Reilly Road		Frankfort	KY	40601
Mr.	Mr.	Stacy	Hirshman		Acting Director	Kentucky Division of Water	500 Capitol Annex		Frankfort	KY	40601
Mr.	Mr.	John	Cobb		Acting Director	Kentucky Geological Survey, University of Kentucky	100 W. Jackson Street	300 West Broadway	Frankfort	KY	40601
Ms.	Ms.	Dom M.	Nealy		State Geologist & Director	Kentucky Historical Society	100 W. Jackson Street		Frankfort	KY	40601
Mr.	Mr.	Mike	Whitworth		Executive Director	Kentucky Association of Economic Development	2235 Lawrenceburg Road, Bldg. B, Suite 4		Frankfort	KY	40601
Ms.	Ms.	Sylvia L.	Lovely		President/CEO	Kentucky League of Cities, Inc.	101 East Vmte Street, Sls. 600		Frankfort	KY	40601
Mr.	Mr.	Jamie	Five		Executive Director	Kentucky Motor Transport Association	617 Shelby Street		Frankfort	KY	40601
Mr.	Mr.	Robert D.	Vance	Jr.	Secretary	Kentucky Environmental and Public Protection Cabinet	Capital Plaza Tower, 5th Floor		Frankfort	KY	40601
Ms.	Ms.	Vicki	Donat		Executive Director	Kentucky Nature Preserves	801 Schenkel Lane		Frankfort	KY	40601
Ms.	Ms.	Bleacher	Hudson		Executive Director	Kentucky Office of Transportation Delivery	Transportation Office Building, 3rd Floor	200 Metro Street	Frankfort	KY	40622
Ms.	Ms.	Key	Bergman		President	Kentucky Public Transit Association	20 Louisville Red Cross	P.O. Box 1675	Louisville	KY	40201
Ms.	Ms.	Alan	Sparrow		Secretary	Kentucky Tourism Council	612B Shelby Street		Louisville	KY	40201
Ms.	Ms.	David	Smith		Director	Kentucky Commerce Cabinet	Capital Plaza Tower, 24th Floor		Frankfort	KY	40601
Mr.	Mr.	Bill	Waldner		Director	KYTC, Division of Construction	Transportation Office Building, 3rd Floor		Frankfort	KY	40622
Mr.	Mr.	David	Waldner		Director	KYTC, Division of Construction	Transportation Office Building, 3rd Floor		Frankfort	KY	40622
Mr.	Mr.	Bill	Broyles		Branch Manager	KYTC, Division of Construction	1236 Jackson Building, 5th Floor		Frankfort	KY	40622
Mr.	Mr.	Duane	Thomas		Director	KYTC, Geotechnical Branch	Transportation Office Building, 3rd Floor		Frankfort	KY	40622
Ms.	Ms.	Nancy	Albright		Director	KYTC, Division of Traffic Operations	Transportation Office Building, 3rd Floor		Frankfort	KY	40622
Ms.	Ms.	Helen	Mourfroy		Secretary	Education Cabinet	Capital Plaza Tower, 2nd Floor		Frankfort	KY	40601
Mr.	Mr.	James	Auldridge		Executive Director	Nature Conservancy - Kentucky Chapter	842 West Main Street		Frankfort	KY	40601
Mr.	Sr and/or Madam	Paul	Bergmann		Executive Director	Seneca Club	2173 Palomar Trace Drive	P. O. Box 2646	Louisville	KY	40201
Mr.	Mr.	Heinz	Mueller		Attorney	U.S. Environmental Protection Agency, Region 4 Office	Sam Nunn Atlanta Federal Center	61 Forsyth St. SW	Atlanta	GA	30303
Mr.	Mr.	Michael D.	Hubbs		State Conservationist	U.S. Dept. of Agriculture, Natural Resources Conservation Service	711 Corporate Drive, Suite 110		Atlanta	GA	30303
Mr.	Mr.	Robert	Boke		Field Supervisor	U.S. Dept. of Interior, Fish and Wildlife Service	350 W. Broadway, Suite 204		Atlanta	GA	30341
Mr.	Mr.	Greg	Wright		Executive Director	United States Coast Guard, Bridge Branch	1222 Spruce Street		Frankfort	KY	40601
Mr.	Senator	Jim	Wright		United States Senator	United States Senate	316 East Senate Office Building		Washington	DC	20510
The Honorable	Colonel	William	McConnell		Executive Director	Kentucky Association of Representatives, Henderson County Revertort	6230 Revertort Rd.		Henderson	KY	42420
Colonel	Colonel	William	Howard		District Engineer	U.S. Army Corps of Engineers, Louisville District	236 Cannon House Office Building		Henderson	KY	42420
Colonel	Congressman	Raymond E.	Markif		United States Representative - District 1	U.S. House of Representatives			Henderson	KY	42420
The Honorable	Mr.	Ed	Whinfield		United States Representative - District 1	U.S. House of Representatives			Henderson	KY	42420
Ms.	Ms.	Krista	Mills		Field Office Director	U.S. Department of Housing & Urban Development, Ky. Louisville	601 West Broadway		Louisville	KY	40202
Mr.	Mr.	Tony	Reck		President & CEO, P&L Railway, Inc.	Kentucky State Rail Association	1500 Kentucky Avenue		Pasadena	KY	42003
Ms.	Ms.	Peggy	Wood		Executive Director	Henderson Planning Commission	Scale C		Henderson	KY	42420
Ms.	Ms.	Pam	Whitner		Coordinator	Henderson Area Rapid Transit	401 N. Elm Street		Henderson	KY	42420
Mr.	Mr.	Brad	Schneider		Executive Director	Eransville MPO	201 N. Main Street		Henderson	KY	42420
The Honorable	Congressman	Gregory	Wright		Representative - District 10	Kentucky House of Representatives	Civic Center Room 316	11 N.W. Martin Luther King Blvd	Frankfort	IN	47708
The Honorable	Senator	Drayton	Wright		Executive Director	Kentucky Senate	702 Capitol Avenue, Annex Room 255		Frankfort	KY	40601
Mr.	Mr.	William	Reynolds		Assistant City Manager	Henderson County	500 E. 7th		Henderson	KY	42420
Mr.	Judge	Sandy	Wickman		Judge Executive	Henderson County Sheriff's Office	20 N. Main Street	Henderson County Courthouse	Henderson	KY	42420
Sherrif	Sherrif	Ed	Brady		Sherrif	Henderson County Sheriff's Office	1805 Sycamore Street	Henderson County Courthouse	Henderson	KY	42420
The Honorable	Mayor	Thomas L.	Richey		Mayor	City of Henderson	Henderson Municipal Center, 1st Floor	1222 First Street	Henderson	KY	42420

STUDY PURPOSE, ISSUES, AND PROJECT GOALS

US 41A GREEN STREET ITEM NO. 02-140.00 HENDERSON COUNTY

STUDY PURPOSE

The purpose of the US 41A Green Street Scoping Study is to identify key issues and cost factors associated with a proposal to widen Green Street in Henderson to provide a continuous, 2-way left turn lane from US 60 to US 41, a distance of about four miles. Items involved with this study include:

- Discuss project needs and issues with the Project Team,
- Define project goals, needs, and issues,
- Identify any known environmental, historical, or archaeological concerns
- Identify and evaluate different widening alternatives.

ISSUES

Major issues and concerns have been identified within the study area that will be addressed in the Scoping Study. These include:

- US 41A is a highly congested highway that operates at a less than desirable level of service. Several intersections with US 41A including US 60, KY 136, KY 351, and others are not adequate due to safety deficiencies and congestion issues.
- 2007 ADT ranged from 19,600 to 30,100, with 9% trucks.
- In the study area, US 41A exhibits the characteristics of a high crash corridor, with two fatalities from 2003 to 2007.
- Many businesses, homes, and historic properties abut the existing rights-of-way
- Many utilities are located adjacent to the existing rights-of-way

DRAFT PROJECT GOALS

For the US 41A Green Street project, several goals and objectives were identified. These include:

- Address highway capacity and growth needs in Henderson County
- Improve safety by providing an improved route with a 2-way left-turn lane that complies with current design standards

CONTACTS

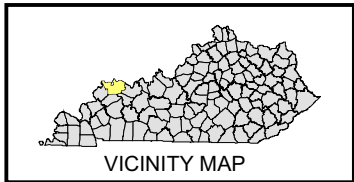
Address written comments to:

Or, you may contact by phone or e-mail:

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

Nick Hall
Project Engineer
Kentucky Transportation Cabinet
District 2
(270) 824-7080
Nick.Hall@ky.gov

Visit our web page at: <http://www.planning.kytc.ky.gov/>



VICINITY MAP

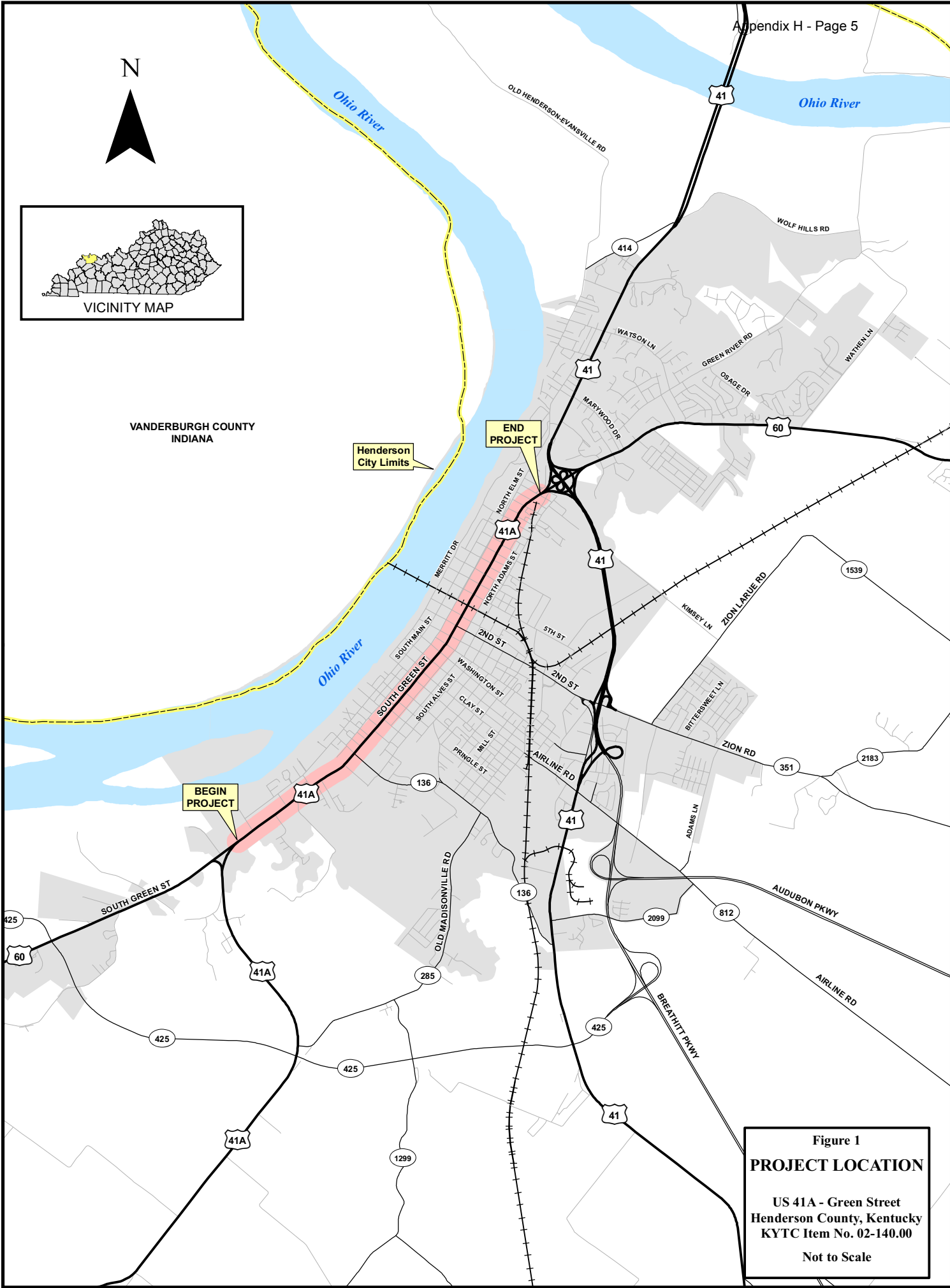
VANDERBURGH COUNTY
INDIANA

Henderson
City Limits

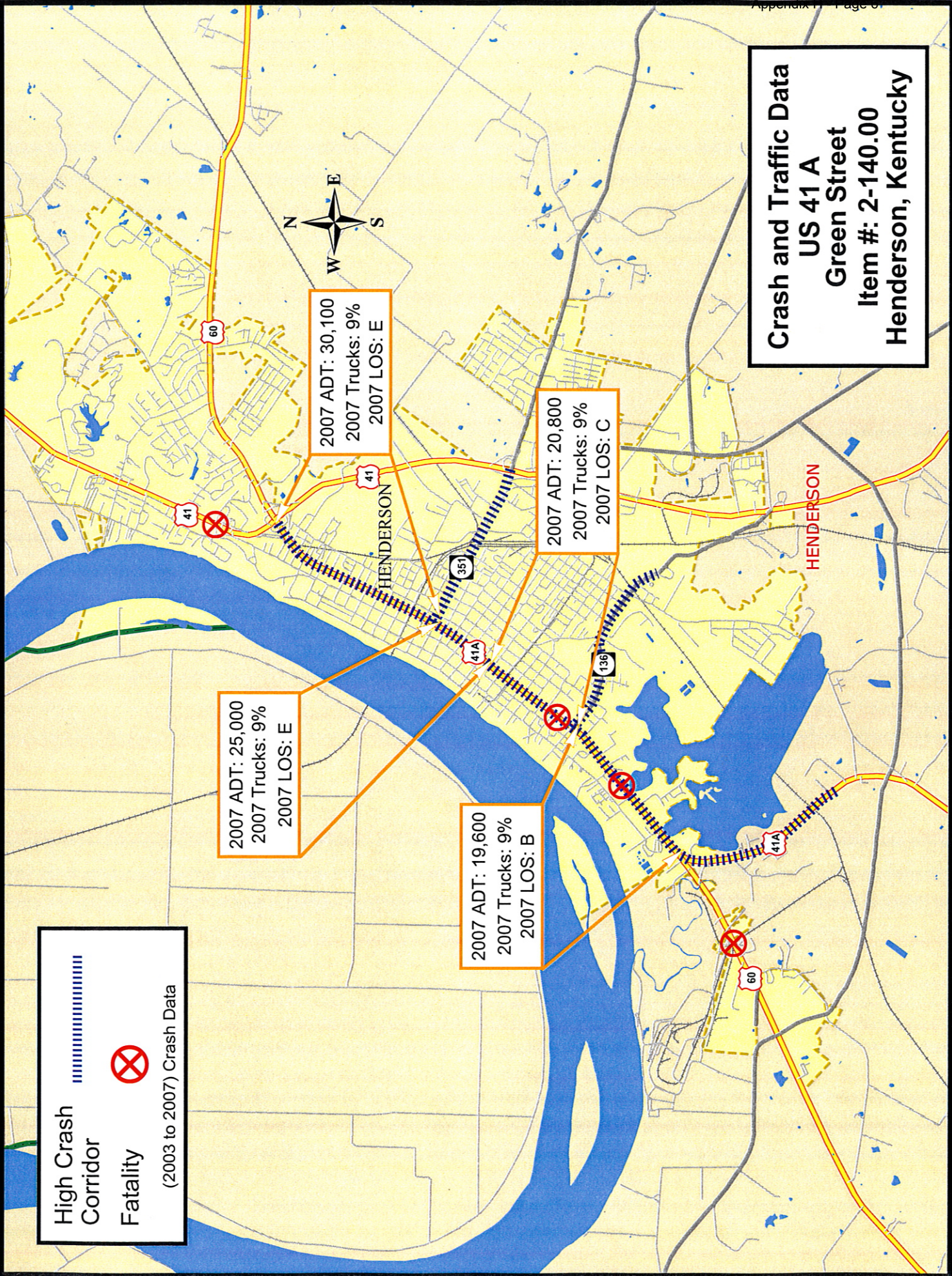
END
PROJECT

BEGIN
PROJECT

Figure 1
PROJECT LOCATION
US 41A - Green Street
Henderson County, Kentucky
KYTC Item No. 02-140.00
Not to Scale

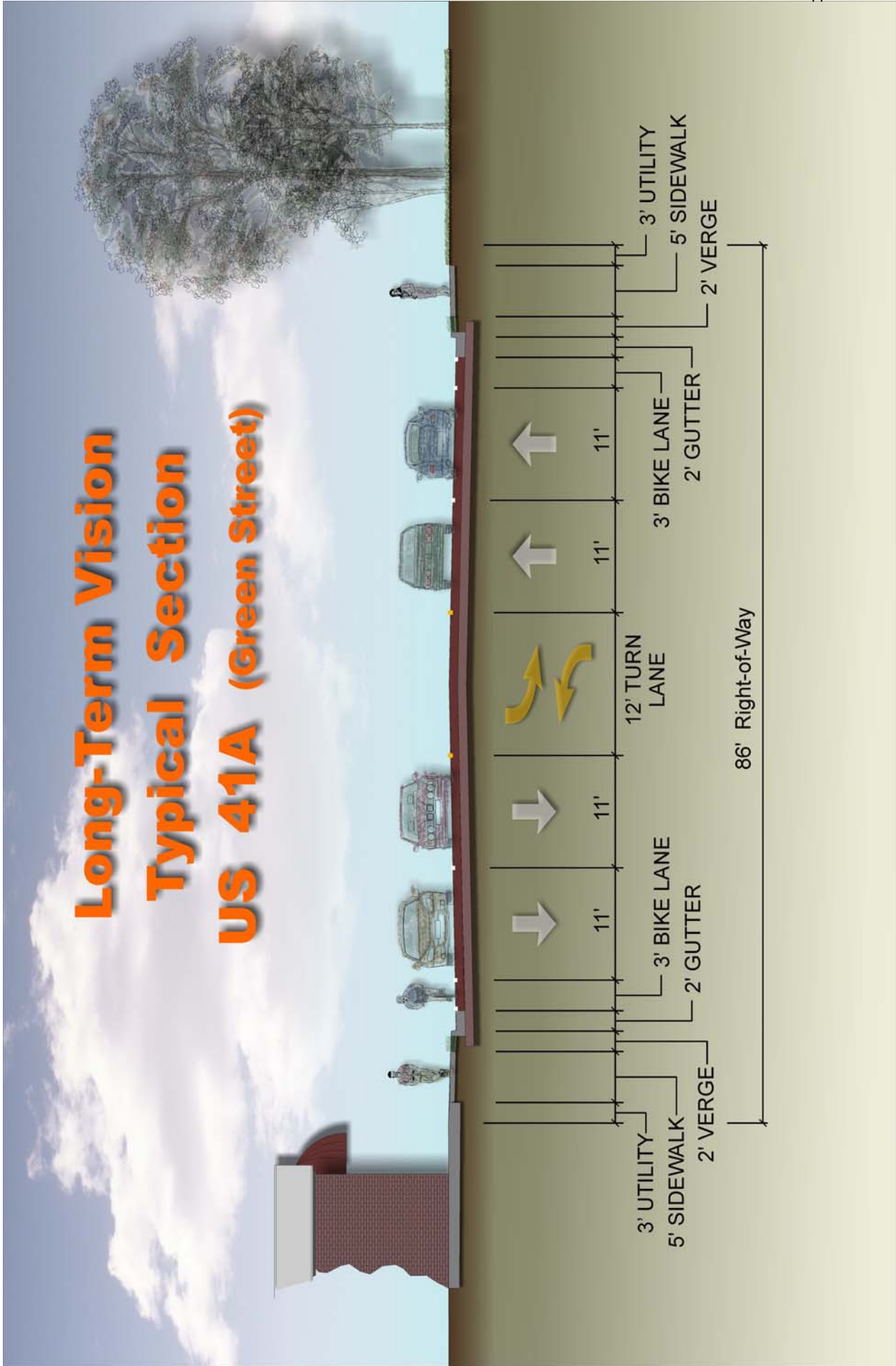


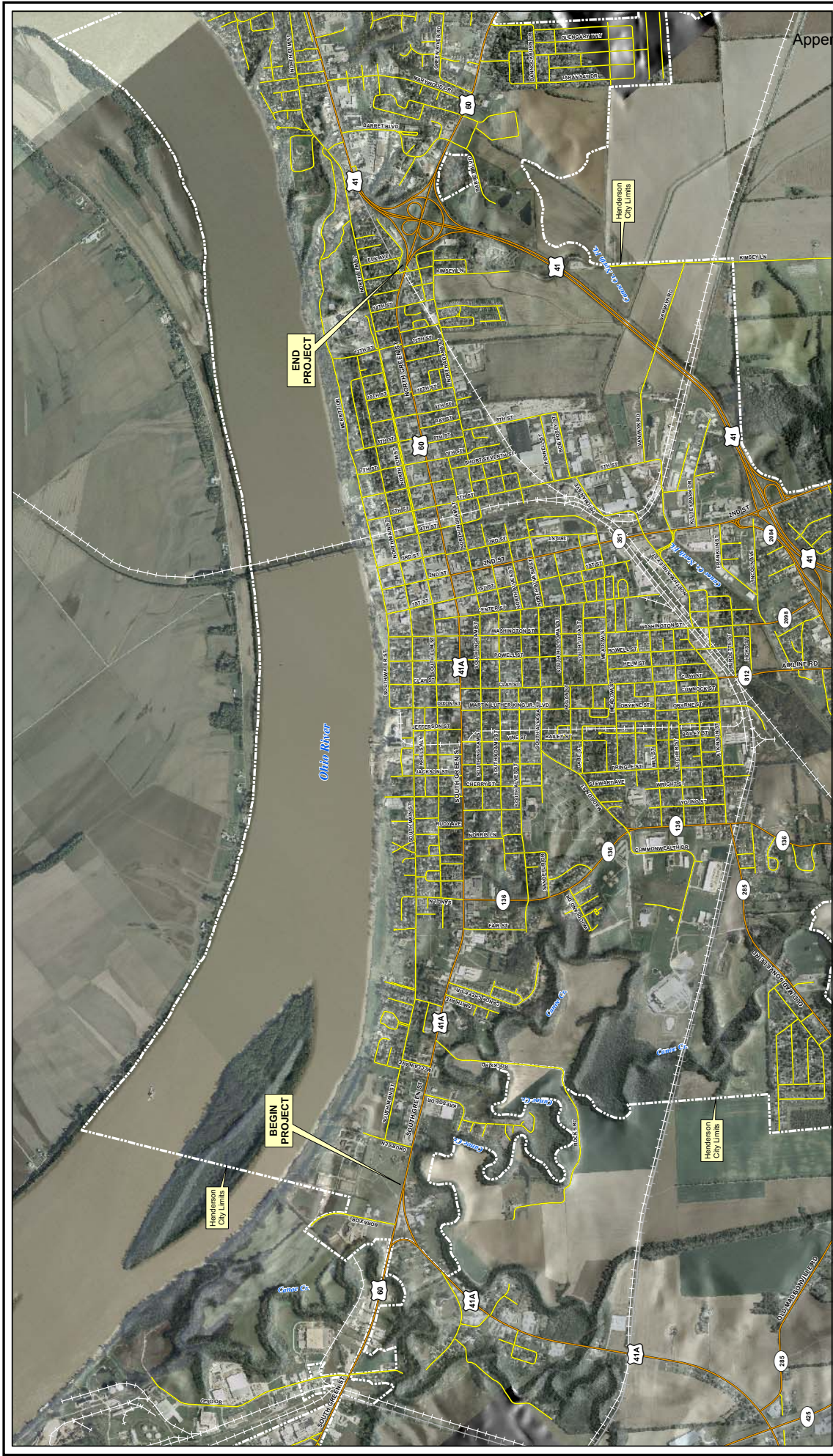
**Crash and Traffic Data
US 41 A
Green Street
Item #: 2-140.00
Henderson, Kentucky**



High Crash Corridor
 Fatality
 (2003 to 2007) Crash Data

Long-Term Vision Typical Section US 41A (Green Street)





Appendix H
 Figure 1
 2004 Aerial -
 Photograph
 US 41A - Green Street
 Henderson, KY
 KYTC Item No. 02-1400

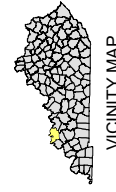
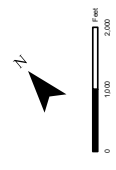
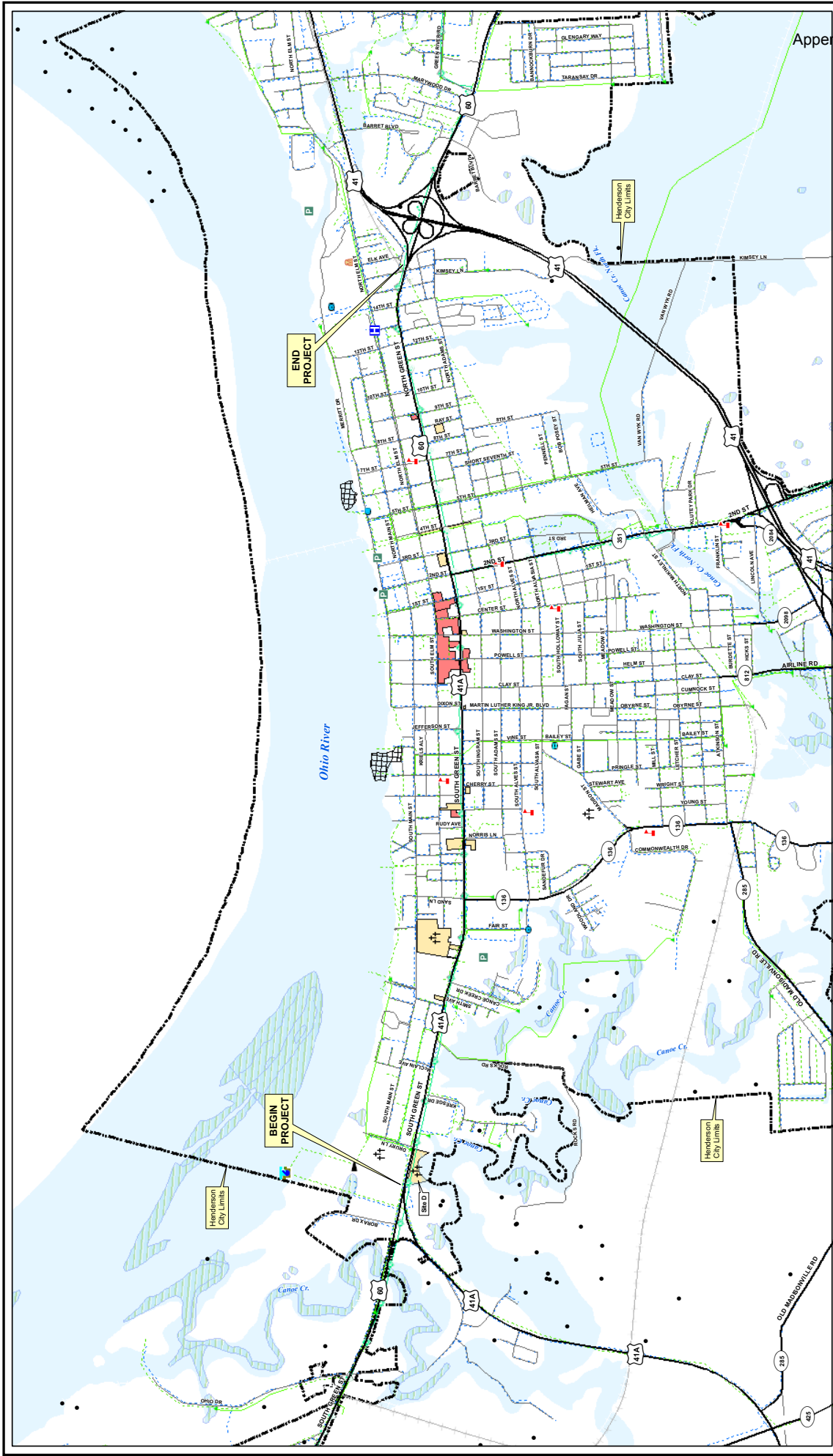
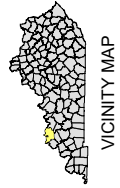
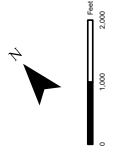


Figure 1
Environmental Constraints
 US 41A - Green Street
 Henderson County, Kentucky
 KYTC Item No. 02-1-0000



- ✈ Airport
- ☠ Cemetery
- ⛪ Church
- ⛪ Park
- 🏫 School
- 🏥 Hospital
- 🚲 Bike Trail
- 🚶 Abandoned Railroad
- 🗑 Landfill
- ⛽ Gas/Oil Well
- 🚰 Sewer Outfall
- ⬆ Lift Station
- 🚰 Sanitary Treatment Plant
- 🚰 Force Main Sewer
- 🚰 Gravity Sewer
- 🏠 Water Treatment Plant
- 🚰 Water Pump Station
- 🚰 Water Tank
- 🚰 Existing Waterline
- 🏠 Quarry
- 🏠 Wellheads
- 📊 100 Year Flood Potential
- 📊 National Register Potential
- 📊 National Register Property/District



Prepared by: [Company Name]
 Date: [Date]
 Scale: [Scale]

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From: Wilkins, Joe N MR NGKY [<mailto:joe.wilkins@us.army.mil>]
Sent: Wednesday, August 05, 2009 4:07 PM
To: Damron, Keith (KYTC)
Cc: Jones, Michael A NGKY COL(R); Pope, Julie A Ms. NGKY
Subject: Planning Study, Henderson County, US 41A (Green Street), Item
No. 02-410.00

Mr. Damron,

The Department of Military Affairs can not identify any issues or concerns that affect the development of subject project. These changes could have a positive impact on the movement of military vehicles to and from the National Guard Armory which is located at 735 N. Elm Street in Henderson.

Joe N. Wilkins
Director, Facilities Division
Department of Military Affairs
Boone National Guard Center
Frankfort, KY 40601-6168
502-607-6536
DSN 667-6536
502-382-7270 (Cell)
502-607-1270 (Fax)
Joe.Wilkins@us.army.mil

U.S. Department of
Homeland Security

United States
Coast Guard



Commander
Eighth Coast Guard District

1222 Spruce Street
St. Louis, MO 63103-2832
Staff Symbol: dwb
Phone: (314) 269-2380
Fax: (314) 269-2737
Email: peter.j.sambor@uscg.mil

16591.1
August 31, 2009

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

Subj: GREEN STREET (US 41) IMPROVEMENT PROJECT, HENDERSON COUNTY

Dear Mr. Damron:

We have reviewed the information provided in your letter of July 31, 2009, and determined that this project is not a project over which the Coast Guard exercises jurisdiction for bridge administration purposes. A Coast Guard permit is not required.

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

Sincerely,

A handwritten signature in black ink, appearing to read "R. Wiebusch".

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

RECEIVED

SEP 04 2009

Div. of Planning

Heberle, Doug

From: Stephen.Wilson@faa.gov
Sent: Tuesday, August 18, 2009 3:16 PM
To: Hall, Nick (KYTC-D02)
Subject: Henderson County Green Street

Mr. Hall-

I have reviewed the proposed hwy. project for Henderson County (Item 02-410.00).
There appears to be no impacts from the proposed project to Henderson City-County Airport.

If you need a formal response letter, I will be happy to furnish.

Thank you.

Stephen Wilson
Community Planner
Federal Aviation Administration
Memphis Airports District Office
2862 Business Park Drive, Bldg. G
Memphis, TN 38118
Ph. 901-322-8185

Heberle, Doug

From: Ryan, Thomas K [Thomas.K.Ryan@hud.gov]
Sent: Friday, August 07, 2009 8:56 AM
To: Hall, Nick (KYTC-D02)
Cc: Mills, Krista
Subject: Henderson County Planning Study - Item No. 02-410.00

Dear Mr. Hall,

We are in receipt of the Transportation Cabinet's request for information regarding its' Henderson County Planning Study, (US 41A Green Street, Item No. 02-410.00), and are forwarding the request to our Environmental Protection Specialist in Atlanta, Georgia.

In the future, any Transportation Cabinet request of this nature would be expedited by sending the requests directly to:

Linda Poythress, Environmental Protection Specialist
US Department of Housing and Urban Development
40 Marietta Street, Five Points Plaza
Atlanta, GA 30303-2806

We appreciate having the opportunity to provide input on these projects. If we can be of further assistance, please to hesitate to contact us.

Sincerely,

Tom Ryan
Field Policy and Management
 Louisville Field Office
601 West Broadway, Suite 110
Louisville, KY 40202
502-618-8167 (Office)
502-582-6074 (Fax)



KENTUCKY STATE POLICE

Steven L. Beshear
Governor

919 Versailles Road
Frankfort, Kentucky 40601
www.kentucky.gov

J. Michael Brown
Secretary

Rodney Brewer
Commissioner

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

Dear Mr. Damron:

Subject: Planning Study
Henderson County
US 41A (Green Street)
Item No. 02-410.00

Having reviewed the information provided and being familiar with the section of US41A (Green Street) under consideration, I find that the proposed construction is greatly needed in this area.

This stretch of highway during the 2008 calendar year averaged nearly one accident per day throughout the year. This is an excessive amount of accidents for such a small stretch of road. This problem must be addressed to better provide for the safety of the motoring public.

Just in observation alone it is apparent at the excessive amount of traffic this section of road experiences on a daily basis. Just as apparent is the need to provide for some type of traffic control devices that will help to eliminate stress placed on this section of highway. The proposed plan appears to be a highly aggressive and the most adequate approach in helping to resolve the issues that face this area. Understanding that during the construction phase of this plan, construction will cause some traffic issues in the area. However, these concerns can be addressed by rerouting traffic around the area, use of media notifications and with traffic enforcement to name a few.

RECEIVED

AUG 31 2009

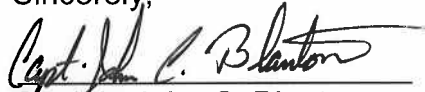
Div. of Planning

Page 2
August 25, 2009

The project will cause a period of discomfort during the construction phase, as with any project. However, the benefits that a center lane will provide to US41A are tremendous. This will provide benefits for all who travel and/or have business to conduct on this section of US41A.

If you have any questions regarding this, please call Post 16 at 270-826-3312.

Sincerely,

A handwritten signature in black ink, appearing to read "Capt. John C. Blanton". The signature is written in a cursive style and is positioned above a horizontal line.

Captain John C. Blanton
Kentucky State Police
Post 16 Henderson

JB:ms

Heberle, Doug

From: Arends, Anita - Lexington, KY [anita.arends@ky.usda.gov]
Sent: Wednesday, August 05, 2009 11:17 AM
To: Hall, Nick (KYTC-D02)
Subject: re: US 41A (Green Street) planning study in Henderson

Nick,

Hello – I review the external projects for NRCS-USDA in Lexington and received a notice regarding a planning study for a segment of US 41A in Henderson. I review project that may impact NRCS interests which include PL-566 watershed structure, Wetland Reserve Easements, Prime Farmland and/or Farmland of Statewide Importance, and Grassland Reserve Easements. None of these apply, so NRCS has no comments on this project.

Also, our State Conservationist is now Thomas Perrin. If you could make that change in your database I'd appreciate it.

Please feel free to email me if you have any questions.

*Anita Arends
Resource Conservationist
NRCS-USDA
771 Corporate Drive, Suite 210
Lexington, KY 40503
Work phone: 859-224-7354
Fax: 859-224-7410
anita.arends@ky.usda.gov*

Heberle, Doug

From: Houlihan, John (KYTC) [John.Houlihan@ky.gov]
Sent: Wednesday, August 05, 2009 3:28 PM
To: Hall, Nick (KYTC-D02)
Subject: Item No. 02-410.00 Planning Study US 41A (Green Street)
Importance: Low

Mr. Hall,

I have reviewed the above subject and found that it will have no negative effect to air navigation. However, if construction equipment (ex. Cranes) exceed 200 feet above ground level, you will need to get a permit from us. If you have any questions, please let me know.

Thank you.

Kentucky Airport Zoning Commission
John Houlihan, Administrator
90 Airport Road, Building 400
Frankfort, KY 40601
Desk 502.564.0310
Cell 502.330.3955

<http://transportation.ky.gov/aviation/kyzoning.htm>

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Heberle, Doug

From: MacSwords, Leah (EEC) [Leah.Macswords@ky.gov]
Sent: Tuesday, August 25, 2009 1:45 PM
To: Hall, Nick (KYTC-D02)
Cc: Mullins, Michael (EEC); Maddox, Owen (EEC)
Subject: US41A Planning Study - Henderson County

Dear Nick,

Division of Forestry personnel inspected the areas indicated by the planning study. Trees observed include typical street trees such as elms, maples, sycamores, sweetgums, and Bradford pears. We also noted cottonwood, yellow-poplar, and some red oak species as well as some non-natives such as Tree-of-Heaven. Some of the larger trees have soundness problems. There is an 18 inch hemlock on the corner of Ruby and Green Streets, which is of interest because Kentucky's hemlocks in southeastern Kentucky are infested with an insect that will like destroy most if not all untreated hemlocks in the state.

However, we do not believe any tree issues would negatively impact the need to correct highway safety concerns. We do recommend that the Transportation Cabinet make an effort to replace street trees where possible after the project is complete. We can assist you in selecting an appropriate mixture species.

Thank you for the opportunity to review the proposal.

Leah W. MacSwords

Director/State Forester

Kentucky Division of Forestry

627 Comanche Trail

Frankfort, KY 40601

ph: 502-564-4496, 800-866-0555

fax: 502-564-6553



**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. Gassett
Commissioner

August 12, 2009

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

RE: Planning Study
Henderson County
US 41 A (Green Street)
Item No. 02-410.00

Dear Mr. Damron,

The Kentucky Department of Fish and Wildlife Resources (KDFWR) have received your request for the above-referenced information. The Kentucky Fish and Wildlife Information System (KFWIS) indicate that state threatened and endangered species are known to occur within close proximity of the proposed project area. However, the KDFWR does not expect impacts to listed species due to the location and nature of the project. Please be aware that our database system is a dynamic one that only represents our current knowledge of the various species distributions.

KDFWR recommends that erosion control measures be developed and utilized during any construction to minimize siltation into nearby waterways. 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 proves helpful to you. If you have any questions or require additional information, please call me at (800) 852-0942 Extension 4473.

Sincerely,

Courtney C. Hunt
Fisheries Biologist II

Cc: Environmental Section File

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AUG 17 2009

Div. of Planning



Heberle, Doug

From: Hines, Martina (EEC) [Martina.Hines@ky.gov]
Sent: Wednesday, August 05, 2009 11:00 AM
To: Hall, Nick (KYTC-D02); Damron, Keith (KYTC)
Cc: White, Deborah (EEC)
Subject: US 41A (Green Street)

We have reviewed the proposal for project No. 02-410.00 in Henderson, KY, and have no comments regarding potential impacts on rare species and communities.

Thanks for the opportunity to comment,

Sincerely,

Martina Hines, ecologist
Kentucky State Nature Preserves Commission
801 Schenkel Lane, Frankfort, KY 40601
(502) 573-2886
www.naturepreserves.ky.gov

MEMO TO: Nancy Albright, PE
Director
Division of Maintenance

FROM: T.J. Gilpin, P.E.
TE Specialist
Division of Maintenance

DATE: August 24, 2009

SUBJECT: Planning Study
Henderson County
US 41A (Green Street)
Item No. 02-410.00

I reviewed this section of US 41A (Green Street) during mid afternoon and noticed steady traffic flow. The roadway consists of four lanes, two lanes in each direction. A short section along this route also included a continuous left turn lane. There was curb and gutter along this route along with overhead utilities that ran parallel to the corridor. It also appeared that underground utilities could also be present.

In order to widen this roadway to accommodate two lanes in each direction and a continuous left turn lane, right-of-way would need to be acquired and utilities would need to be relocated. Because of the number of historic homes and businesses, the right-of-way costs would be enormous. Utility relocation would also be costly. Also, within the limits of this study, there is a railroad bridge that runs over US 41A with piers placed along the edge of US 41A. To widen this route would also involve CSX railroad and building a new structure.

An alternative to widening this corridor would be to conduct a "road diet". This alternative should be studied to determine if this section of US 41A is a good candidate for a road diet. By performing a road diet, you could utilize the existing pavement width to construct a continuous left turn lane, one lane in each direction with wider driving lanes, and could also possibly add bicycle lanes to encourage other modes of transportation and reduce the traffic volume along this route. This could be completed at a significantly reduced cost, as there would be no right-of-way or utility costs.

These are my comments based on the field review conducted on August 19, 2009. If you have any questions or comments, please feel free to contact me.

Heberle, Doug

From: Harman, Charles L (Education Cabinet) [CharlesL.Harman@ky.gov]
Sent: Tuesday, August 04, 2009 4:03 PM
To: Hall, Nick (KYTC-D02)
Subject: Item No. 02-410.00

Nick:

The Education and Workforce Development Cabinet have no comments on this planning study at the current time.

Charlie Harman

*Charlie Harman, Executive Director
Office of Budget and Administration
Education and Workforce Development Cabinet
500 Mero Street
Capital Plaza Tower Suite 301
Frankfort Ky 40601
E-MAIL: CharlesL.Harman@ky.gov
Phone: (502)564-9681*

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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

September 20, 2009

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

Re: Planning Study, Henderson County, US41A (Green Street). Item No. 02-410.00. (SERO 2009-21)

Dear Mr. Damron,

The Energy and Environment Cabinet serves as environmental review office for documents prepared under 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 requesting our review of the subject project. Based on the scope of the project, the document was sent to the Kentucky Divisions of Water, Air Quality, Waste Management, and the Kentucky Heritage Council (State Historic Preservation Office).

We have completed our review of the letter and the figures that were included. The attached comments were provided by the Division of Water, Air Quality and Waste Management. No response has been received from the Kentucky Heritage Council.

If you have any questions, please contact me at (502) 564-2150, ext. 112.

Sincerely,

A handwritten signature in cursive script that reads "Larry Taylor".

Larry C. Taylor
State Environmental Review Officer

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SEP 22 2009

Div. of Planning

Division of Water Comments

PLANNING STUDY, HENDERSON CO. US41A (GREEN ST.)

Endorsement:

A request for review of the 12 Henderson County; PLANNING STUDY, HENDERSON CO. US41A (GREEN ST.) in Henderson County, Kentucky was received on 8-18-09. The Division of Water (DOW) completed this review and has provided the following comments.

Compliance & Technical Assistance Branch:

No comments from the Madisonville Regional Office.

Water Quality Branch:

Best management practices shall be used to reduce runoff from the project.

Watershed Management:

No Comment

Enforcement Branch:

No DENF objections to this project.

Division of Waste Management Comments

Project Number: SERO 2009-21

All solid waste generated by this project must be disposed at a permitted facility. Due to the number of businesses, homes and historic properties that abut the existing right of way, KTC should be aware of potential encounters with underground storage tank, asbestos, lead paint and other contaminants that need to be addressed and disposed of in accordance with the applicable regulations.

Division for Air Quality Comments

**DAQ Comments: US 41A (Green Street) in Henderson County
(SERO 2009-21)**

As this project is presented, the owner or operator of this company should comply with any applicable Division for Air Quality permitting requirements contained in 401 KAR Chapter 52 Permits, Registrations, and Prohibitory Rules located at <http://www.lrc.state.ky.us/kar/TITLE401.HTM> and <http://www.air.ky.gov/permitting/>. For permitting information, please contact the Division for Air Quality Permit Review Branch Manager, at (502) 564-3999.

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 see the Fugitive Emissions Fact Sheet located at http://www.air.ky.gov/homepage_repository/e-Clearinghouse.htm

Kentucky Division for Air Quality Regulation **401 KAR 63:005** states that open burning is prohibited. Open Burning is defined as the burning of any matter in such a manner that the products of combustion resulting from the burning are emitted directly into the outdoor atmosphere without passing through a stack or chimney. However, open burning may be utilized for the expressed purposes listed on the Open Burning Fact Sheet located at http://www.air.ky.gov/homepage_repository/e-Clearinghouse.htm

Finally, the projects listed in this document must meet the conformity requirements of the Clean Air Act as amended and the transportation planning provisions of Title 23 and Title 49 of United States Code.

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

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Steven L. Beshear
Governor

**Energy and Environment Cabinet
Department for Environmental Protection**

Leonard K. Peters
Secretary

Division for Air Quality
200 Fair Oaks Lane, 1st Floor
Frankfort, Kentucky 40601-1403
www.air.ky.gov

August 28, 2009

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

Dear Mr. Damron:

The Division has reviewed the planning study for evaluating proposed highway improvements for US 41A (Green Street) in Henderson in Henderson County, Item Number 02-410.00. 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/homepage_repository/e-Clearinghouse.htm.

Kentucky Division for Air Quality Regulation **401 KAR 63:005** states that open burning is prohibited. Open Burning is defined as the burning of any matter in such a manner that the products of combustion resulting from the burning are emitted directly into the outdoor atmosphere without passing through a stack or chimney. Open burning may be utilized for the expressed purposes listed on the Open Burning Fact Sheet located at http://www.air.ky.gov/homepage_repository/e-Clearinghouse.htm. Although, vegetative matter accumulated by land clearing is included as a permissible method of disposal, the Division encourages the use of chipping and grinding in order to avoid excessive particulate emissions in the immediate vicinity of the project.

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SEP 01 2009

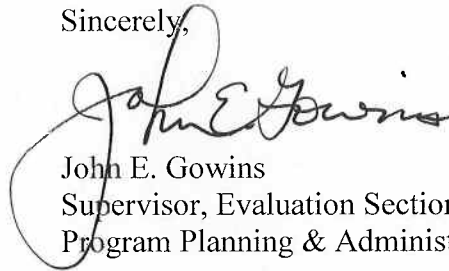
Mr. Keith Damron
Page 2
August 28, 2009

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.

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.

The Division appreciates the opportunity to review this submittal. If you have any questions regarding this matter, please contact Joe Forgacs of my staff at (502) 564-3999.

Sincerely,

A handwritten signature in black ink, appearing to read "John E. Gowins". The signature is written in a cursive style with a large, looping initial "J".

John E. Gowins
Supervisor, Evaluation Section
Program Planning & Administration Branch

JEG/jmf

Selected Report Condition(s):	AI ID	AI Name	SI County	AZ/SI Desig	SI Description	Regulatory Desc	Regulatory Site Status	Closure Option	Closure Dt	SI Long.	SI Lat.	AI Addr Line 1	AI City Line 2	AI City	AI SI Zip	AI Lat	AI Long	AI County	SI Addr Line 1	SI Addr Line 2	SI City	SI SI Zip
	52066	City Park - Coast Guard Aid	Henderson	11388	CITY PARK - COAST GUARD AID (Closed: Option C Restored)	State Superfund	Closed	Option C Restored	08/11/2006	-87.57660	37.87550	Revue Dr		Henderson	KY 42420	37.87550	-87.57660	Henderson	Revue Drive		Henderson	KY 42420
	52068	Sveineth Street Drum	Henderson	1673	SEVENTH STREET DRUM (Closed: Option C Restored)	State Superfund	Closed	Option C Restored	02/21/2001	-87.58876	37.84666	729 Merritt Dr		Henderson	KY 42420	37.84666	-87.58876	Henderson	729 MERRITT DRIVE		Henderson	KY 42420
	52069	International Paper Company	Henderson	17054	INTERNATIONAL PAPER CO. (Closed: Option A No Action)	State Superfund	Closed	Option A No Action	01/17/2002	-87.59722	37.81028	1500 Commonwealth		Henderson	KY 42420	37.81028	-87.59722	Henderson	1500 COMMONWEALTH DR		Henderson	KY 42420
	1809	Henderson Co Riverport Authority	Henderson	120376	HENDERSON COUNTY RIVERPORT AUTHORITY (Closed: Option B & S Chemical/Brenntag Mid-South)	Federal Superfund	Managed	Option B & S Chemical/Brenntag Mid-South	11/29/2004	-87.65278	37.81256	6200 Riverport Rd		Henderson	KY 42420	37.81256	-87.65278	Henderson	6200 Riverport Road		Henderson	KY 42420
	38468	Brenning Mid-South Inc	Henderson	147813	BRENNING MID-SOUTH INC (Closed: Option D)	State Superfund	Active	Option D	-87.65167	37.80389	1405 KY 136 W		Henderson	KY 42420	37.80389	-87.65278	Henderson	1405 HWY 136 W, PO BOX 20		Henderson	KY 42420	
	53255	Old Henderson Road Drum	Henderson	148587	OLD HENDERSON ROAD DRUM (Closed: Option D)	State Superfund	Active	Option D	08/10/2004	-87.57792	37.84044	515 Pannel St		Henderson	KY 42420	37.84044	-87.57792	Henderson	515 Pannel Street		Henderson	KY 42420
	38473	Fishing Tank & Tower Co Inc	Henderson	150983	FISHING TANK & TOWER CO INC (Closed: Option B)	State Superfund	Managed	Option B	11/10/2005	-87.65426	37.87643	7612 Basket Cemetery Rd		Basket	KY 42402	37.87643	-87.65426	Henderson	7612 Basket Cemetery Road		Basket	KY 42402
	52049	Posey McCormick Property - Fishing Tank & Tower	Henderson	151199	POSEY MCCORMICK PROPERTY - FISHING TANK & TOWER (Closed: Option C)	State Superfund	Closed	Option C	09/20/1998	-87.53350	37.79135	13021 Highway 41 S		Robards	KY 42458	37.79135	-87.53350	Henderson	13021 HIGHWAY 41 SOUTH		Robards	KY 42458
	52256	Pennix Jones Property - Fishing Tank & Tower	Henderson	151201	PENNIX JONES PROPERTY - FISHING TANK & TOWER (Closed: Option C)	State Superfund	Closed	Option C	-87.57722	37.84028	1105 5th St		Henderson	KY 42420	37.84028	-87.57722	Henderson	1105 Fifth St		Henderson	KY 42420	
	18022	Suspending America	Henderson	123891	SUSPENDING AMERICA (Closed: Option A No Action)	State Superfund	Active	Option A No Action	-87.68768	37.82488	Adams St		Henderson	KY 42420	37.82488	-87.68768	Henderson	1100 N ADAMS ST		Henderson	KY 42420	
	60243	Adams St - Henderson Co	Henderson	120465	ADAMS STREET DEVELOPMENT (Closed: Option C)	State Superfund	Active	Option C	08/29/2008	-87.53888	37.88722	700 Straman Rd		Henderson	KY 42420	37.88722	-87.53888	Henderson	STATE RT 414 & GREEN RIVER RD		Henderson	KY 42420
	43258	Henderson Landfill	Henderson	140463	HENDERSON LANDFILL (Closed: Option A No Action)	State Superfund	Active	Option A No Action	-87.41108	37.86107	Dam Rd		Henderson	KY 42420	37.86107	-87.41108	Henderson	GREEN RIVER LOCK 1		Henderson	KY 42420	
	53252	Green River Lock No 1	Henderson	147265	GREEN RIVER LOCK NO 1 (Closed: Option C)	State Superfund	Active	Option C	08/11/2003	-87.60457	37.82237	1410 S Green		Henderson	KY 42420	37.82237	-87.60457	Henderson	1410 S GREEN ST		Henderson	KY 42420
	52355	Doyle Harris Property	Henderson	147783	DOYLE HARRIS PROPERTY (Closed: Option C)	Petroleum Cleanup	Closed	Option C	08/01/1999	-87.58772	37.83564	232 Helman Ave		Henderson	KY 42420	37.83564	-87.58772	Henderson	232 HELLMAN AVE		Henderson	KY 42420
	5490	Vincnet Industrial Plastics	Henderson	152342	VINCNET INDUSTRIAL PLASTICS (Closed: Option C)	State Superfund	Closed	Option C	02/23/2000	-87.54167	37.86806	1081 Saddlebrook Dr		Henderson	KY 42420	37.86806	-87.54167	Henderson	1081 SADDLEBROOK DRIVE		Henderson	KY 42420
	53108	Saddlebrook Apartments	Henderson	12821	SADDLEBROOK APARTMENTS (Closed: Option C)	Petroleum Cleanup	Closed	Option C	12/12/2001	-87.59006	37.83611	6200 Riverport Rd		Henderson	KY 42420	37.83611	-87.59006	Henderson	6200 RIVERPORT ROAD		Henderson	KY 42420
	18098	Henderson Co Riverport Authority	Henderson	217600	HENDERSON COUNTY RIVERPORT AUTHORITY (Closed: Option C)	State Superfund	Closed	Option C	08/30/2000	-87.70510	37.74236	THIRD STREET AND US 60		Henderson	KY 42408	37.74236	-87.70510	Henderson	THIRD STREET AND US HIGHWAY 60		Coydon	KY 42408
	15765	US 60 - Henderson Co	Henderson	17888	US 60 - HENDERSON CO (Closed: Option C)	Petroleum Cleanup	Closed	Option C	08/11/1995	-87.59006	37.83611	2315 Adams Lane		Henderson	KY 42420	37.83611	-87.59006	Henderson	2315 ADAMS LANE		Henderson	KY 42420
	1768	Accuride Corp Henderson	Henderson	137208	ACCURIDE CORPORATION (Closed: Option C)	Petroleum Cleanup	Closed	Option C	07/22/1998	-87.46234	37.87126	7536 Doctor Hodges Rd		Basket	KY 42420	37.87126	-87.46234	Henderson	7536 DOCTOR HODGES ROAD		Basket	KY 42420
	53034	Basket Grocery	Henderson	148612	BASKET GROCERY (Closed: Option B)	Petroleum Cleanup	Closed	Option B	08/12/1996	-87.59006	37.83611	Merrill Dr		Henderson	KY 42420	37.83611	-87.59006	Henderson	Merrill Drive		Henderson	KY 42420
	53253	HAM LC/Hazex Construction - Merrill Place	Henderson	153050	HAM LC / HAZEX CONSTRUCTION - MERRILL PLACE (Closed: Option C)	State Superfund	Managed	Option C	07/26/1994	-87.59006	37.83611	None		Henderson	KY 42420	37.83611	-87.59006	Henderson	None		Henderson	KY 42420
	53254	Henderson Oil Drum	Henderson	133829	HENDERSON OIL DRUM (Closed: Option C)	State Superfund	Closed	Option C	12/01/1995	-87.58102	37.82004	1621 Pringle St		Henderson	KY 42420	37.82004	-87.58102	Henderson	1621 PRINGLE STREET		Henderson	KY 42420
	53121	Osborne	Henderson	132522	OSBORNE (Closed: Option C)	Petroleum Cleanup	Closed	Option C	07/16/1998	-87.65167	37.83389	1406 KY 136 W		Henderson	KY 42420	37.83389	-87.65167	Henderson	1406 KY 136W		Henderson	KY 42420
	38468	Brenning Mid-South Inc	Henderson	240395	BRENNING MID-SOUTH INC (Closed: Option C)	Petroleum Cleanup	Closed	Option C	05/06/1998	-87.59237	37.82337	1700 East Obyrne St		Henderson	KY 42419	37.82337	-87.59237	Henderson	1700 EAST OBYRNE STREET		Henderson	KY 42419
	52042	Perrod Furniture	Henderson	151701	PERROD FURNITURE (Closed: Option C)	Petroleum Cleanup	Closed	Option C	03/13/1998	-87.59006	37.83611	2049 Crestline Dr		Henderson	KY 42420	37.83611	-87.59006	Henderson	4020 CRESLINE DRIVE		Henderson	KY 42420
	51718	Sunrise Tool & Die Inc	Henderson	147310	SUNRISE TOOL AND DIE (Closed: Option C)	State Superfund	Closed	Option C	11/03/1998	-87.57577	37.83436	1209 Lower 2nd St		Henderson	KY 42420	37.83436	-87.57577	Henderson	1209 LOWER SECOND STREET		Henderson	KY 42420
	53081	Womacks Garage	Henderson	153634	WOMACKS GARAGE (Closed: Option C)	Petroleum Cleanup	Closed	Option C	11/03/1998	-87.59006	37.83611	2315 Sunset Ln		Henderson	KY 42420	37.83611	-87.59006	Henderson	2315 SUNSET LANE		Henderson	KY 42420
	53081	Womacks Garage	Henderson	253635	WOMACKS GARAGE (Closed: Option C)	Petroleum Cleanup	Closed	Option C	08/18/1995	-87.59006	37.83611	2315 Sunset Ln		Henderson	KY 42420	37.83611	-87.59006	Henderson	2315 SUNSET LANE		Henderson	KY 42420
	52822	Gertrude Givens Residence	Henderson	137820	GERTRUDE GIVENS RESIDENCE (Closed: Option C)	Petroleum Cleanup	Closed	Option C	-87.65227	37.81047	Ohio River		Henderson	KY 42420	37.81047	-87.65227	Henderson	Ohio River		Henderson	KY 42420	
	40341	Ohio River - Henderson Co	Henderson	164002	OHIO RIVER - HENDERSON CO (Closed: Option C)	Federal Superfund	Active	Option C	-87.65227	37.81047	Ohio River		Henderson	KY 42420	37.81047	-87.65227	Henderson	Ohio River		Henderson	KY 42420	
	52079	Henderson Drum Site	Henderson	115766	HENDERSON DRUM SITE (Closed: Option C)	Federal Superfund	Active	Option C	-87.65227	37.81047	Ohio River		Henderson	KY 42420	37.81047	-87.65227	Henderson	Ohio River		Henderson	KY 42420	
	52001	Teas Gas - Henderson Co	Henderson	120260	HENDERSON 1386C (Closed: Option C)	Petroleum Cleanup	Closed	Option C	11/04/1998	-87.59006	37.83611	Various		Henderson	KY 42420	37.83611	-87.59006	Henderson	None		Henderson	KY 42420
	18033	Gibs Die Casting Corp	Henderson	294401	GIBS DIE CASTING ALUMINUM CORP (Closed: Option C)	State Superfund	Closed	Option C	07/13/1995	-87.64088	37.80507	369 Community Drive		Henderson	KY 42420	37.80507	-87.64088	Henderson	369 Community Drive		Henderson	KY 42420
	51103	Willingham Mold Drums	Henderson	161003	WILLINGHAM MOLD DRUMS (FORMER) (Closed: Option C)	State Superfund	Closed	Option C	09/07/2004	-87.63611	37.80688	None		Henderson	KY 42420	37.80688	-87.63611	Henderson	None		Henderson	KY 42420
	52064	Walsler Coal Co - Rith Mine	Henderson	115784	WALSHER COAL CO - RITH MINE (Closed: Option C)	State Superfund	Active	Option C	-87.63611	37.80688	None	None		Henderson	KY 42420	37.80688	-87.63611	Henderson	None		Henderson	KY 42420
	38448	Henderson Materials Inc	Henderson	115775	HENDERSON MATERIALS INC (Closed: Option C)	State Superfund	Active	Option C	2351 Old Geneva Rd	-87.59006	37.84500	Various		Henderson	KY 42420	37.84500	-87.59006	Henderson	None		Henderson	KY 42420
	52001	Teas Gas - Henderson Co	Henderson	230272	RECIPFLUIDE225 (Closed: Option C)	Petroleum Cleanup	Closed	Option C	10/14/1998	-87.59006	37.83611	Various		Henderson	KY 42420	37.83611	-87.59006	Henderson	None		Henderson	KY 42420
	52001	Teas Gas - Henderson Co	Henderson	420271	RYE TO STORAGE 4100 (Closed: Option C)	Petroleum Cleanup	Closed	Option C	10/04/2002	-87.62307	37.84947	6687 E Doubletree Dr		Henderson	KY 42420	37.84947	-87.62307	Henderson	6687 E Doubletree Drive		Henderson	KY 42420
	52001	Stanley Property	Henderson	163226	STANLEY PROPERTY (Closed: Option A No Action)	Petroleum Cleanup	Closed	Option A No Action	-87.41306	37.87920	37.87920	Laketown Rd		Reed	KY 42451	37.87920	-87.41306	Henderson	Lake Town Rd		Reed	KY 42451
	52001	Scott Lester Residence	Henderson	115784	LESTER (SCOTT) RESIDENCE (Closed: Option C)	State Superfund	Active	Option C	-87.41306	37.87920	37.87920	Laketown Rd		Henderson	KY 42420	37.87920	-87.41306	Henderson	None		Henderson	KY 42420
	52001	Teas Gas - Henderson Co	Henderson	320249	HENDERSON 1386 (Closed: Option C)	Petroleum Cleanup	Closed	Option C	11/04/1998	-87.59006	37.83611	Various		Henderson	KY 42420	37.83611	-87.59006	Henderson	None		Henderson	KY 42420
	53759	Race Creek - Henderson Co	Henderson	112489	RACE CREEK (Closed: Option C)	State Superfund	Active	Option C	-87.41361	37.85750	37.85750	US 60		Spottsville	KY 42458	37.85750	-87.41361	Henderson	(Creek) Off US60		Henderson	KY 42420

Heberle, Doug

From: Daniell, Robert (EEC) [robert.daniell@ky.gov]
Sent: Monday, August 24, 2009 8:27 AM
To: Gilbert, George (EEC)
Subject: FW: Planning Study Henderson Co.

Rob Daniell, Manager
 Underground Storage Tank Branch
 200 Fair Oaks
 Frankfort, KY 40601
 (502) 564-5981

From: Baase, Dawn (EEC)
Sent: Friday, August 21, 2009 11:36 AM
To: Daniell, Robert (EEC)
Subject: RE: Planning Study Henderson Co.

UST Branch sends the following comments regarding Item No. 02-410.00:

The USTB identified 29 facilities with a total of 99 registered underground storage tanks. Out of the 99 registered underground storage tanks, 77 have been closed, 18 are active, and 2 are listed as abandoned. There are 8 facilities currently undergoing corrective actions within the project area due to soil and/or groundwater contamination.

AI_ID	AI_NAME	X_COORD	Y_COORD	USER_GROUP	ALT_AI_ID	Active	Closed	Contamination	UST_Phase
61163	Hazelwood Service Center	-87.589311	37.837757	UST ID Number	9064051		4	Groundwater Contamination	Corrective Action
75566	Branson Property	-87.58958	37.839917	UST ID Number			5	Groundwater Contamination	Site Investigation
77376	McGaw Property	-87.58601	37.84326	UST ID Number			3	Groundwater Contamination	Site Investigation
61123	Scot Market No 75	-87.586784	37.842207	UST ID Number	1276051		3	Soil & Groundwater Contamination	Corrective Action
61131	Swifty Station No 231	-87.621115	37.8118	UST ID Number	1852051	4		Soil & Groundwater Contamination	Site Investigation
61134	The Pantry No 800	-87.60109	37.82528	UST ID Number	4336051		3	Soil & Groundwater Contamination	Site Investigation
61144	Larrys Sunoco	-87.590179	37.836984	UST ID Number	2520051		7	Soil & Groundwater Contamination	Site Investigation
61175	E Z Service Station No 1	-87.59	37.8375	UST ID Number	9653051		4	Soil & Groundwater Contamination	Site Investigation
61125	Second & Green Self Service	-87.589626	37.839972	UST ID Number	3365051		3		
61140	Thorntons Inc #86	-87.582187	37.848622	UST ID Number	1001051	5			
61145	Lot Of Bargains	-87.580361	37.852058	UST ID Number	314051		3		
61147	Marathon Unit 1767	-87.603611	37.823056	UST ID Number	2516051		5		
61155	Platolene 500 Inc	-87.620854	37.811618	UST ID Number	3977051		5		
61168	Chuckles Food Mart #32	-87.587335	37.840313	UST ID Number	6028051	2	6		
61171	C L Frank Produce	-87.617656	37.814311	UST ID Number	9630051		1		
61174	Dodges Store	-87.595312	37.832154	UST ID Number	6309051	5			
61180	Fast Fuel/Country Cupboard 6	-87.617778	37.814389	UST ID Number	20020681	2			
61202	Chevron 0049045	-87.604712	37.822268	UST ID Number	4956051		4		
64100	K Mart 9635	-87.613101	37.817156	UST ID Number	3570051		1		
64902	Henderson Area Rapid Transit	87.5884366	37.842715	UST ID Number	3304051		3		
65201	Henderson Save Store-Bigfoot 91	-87.593502	37.833605	UST ID Number	1792051		3		
65286	Southern Indiana Tire	-87.578793	37.854085	UST ID Number	1681051		1		
66524	South Central Hnsnykma Real Es	-87.584552	37.842698	UST ID Number	757051		1		
67056	Goads Shell	-87.603371	37.823512	UST ID Number	6849051		6		
67114	Mid City Auto	-87.589891	37.837261	UST ID Number	1003051		1		
68044	Shannon Lumber Co	-87.608475	37.820121	UST ID Number	6026051		1		
68098	Firestone	-87.584791	37.845086	UST ID Number	5880051		1		
68587	Schmidt Inc (Goodyear Asc)	-87.581669	37.850058	UST ID Number	9153051		3		
80992	Shell Service Station	-87.610577	37.818842	UST ID Number				4 Abandoned Tanks	

18

77

Please notify the UST Branch if additional information is required.

Dawn Langford Baase
Division of Waste Management
Underground Storage Tank Branch
200 Fair Oaks Ln
Frankfort, KY 40601
phone: 502-564-5981 ext. 4014
fax: 502-564-0094

From: Daniell, Robert (EEC)
Sent: Monday, August 10, 2009 1:02 PM
To: Baase, Dawn (EEC)
Subject: FW: Planning Study Henderson Co.

Rob Daniell, Manager
Underground Storage Tank Branch
200 Fair Oaks
Frankfort, KY 40601
(502) 564-5981

From: Gilbert, George (EEC)
Sent: Monday, August 10, 2009 11:50 AM
To: Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Daniell, Robert (EEC); Hubbard, Tim (EEC); Maybriar, Jon (EEC); Pratt, Jeff (EEC); Webb, April (EEC)
Cc: Tichenor, Larry (EEC)
Subject: FW: Planning Study Henderson Co.

Please review the following TC study and forward the list of sites and comments by COB Monday, Aug. 24. Thx.

From: Perry, Jennie (EEC)
Sent: Monday, August 10, 2009 9:28 AM
To: Gilbert, George (EEC)
Subject: Planning Study Henderson Co.

I placed the original in your inbox. The file is too large to email so it's on the v drive here:

[Planning Study Henderson Co.](#)

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

Heberle, Doug

From: Cooley, Tony (EEC) [tony.cooley@ky.gov]
Sent: Monday, August 24, 2009 2:35 PM
To: Gilbert, George (EEC)
Cc: Yarnell, Bill (EEC)
Subject: RE: Planning Study Henderson Co.
Attachments: 9051-001-0004_E02-001.jpg

Attached is a map showing the known waste areas of solid waste landfills related to Henderson City.

The southern waste area is on Henderson Hospital property, was used from the 1940's until 1961, occupies about 5 acres, and is mostly utilized for parking areas. It currently has no AI number or SW permit number. Our index number in our database is 9051.008. There is an HB 174 Stage 1 characterization of this site done by Bell Engineering in 2007.

The northern waste area is within Atkinson Park, was used from 1961 to 1972, occupies about 15 acres, and is mostly covered with baseball diamonds and other park uses. Its AI number is 71420, permit SW051-00001 and index number in our database is 9051.001. There is an HB 174 Stage 1 characterization of this site done by Kenvirons in 2006.

It is unlikely that the proposed road work will interact with this site. This is the only solid waste site in our database near the proposed work.

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)

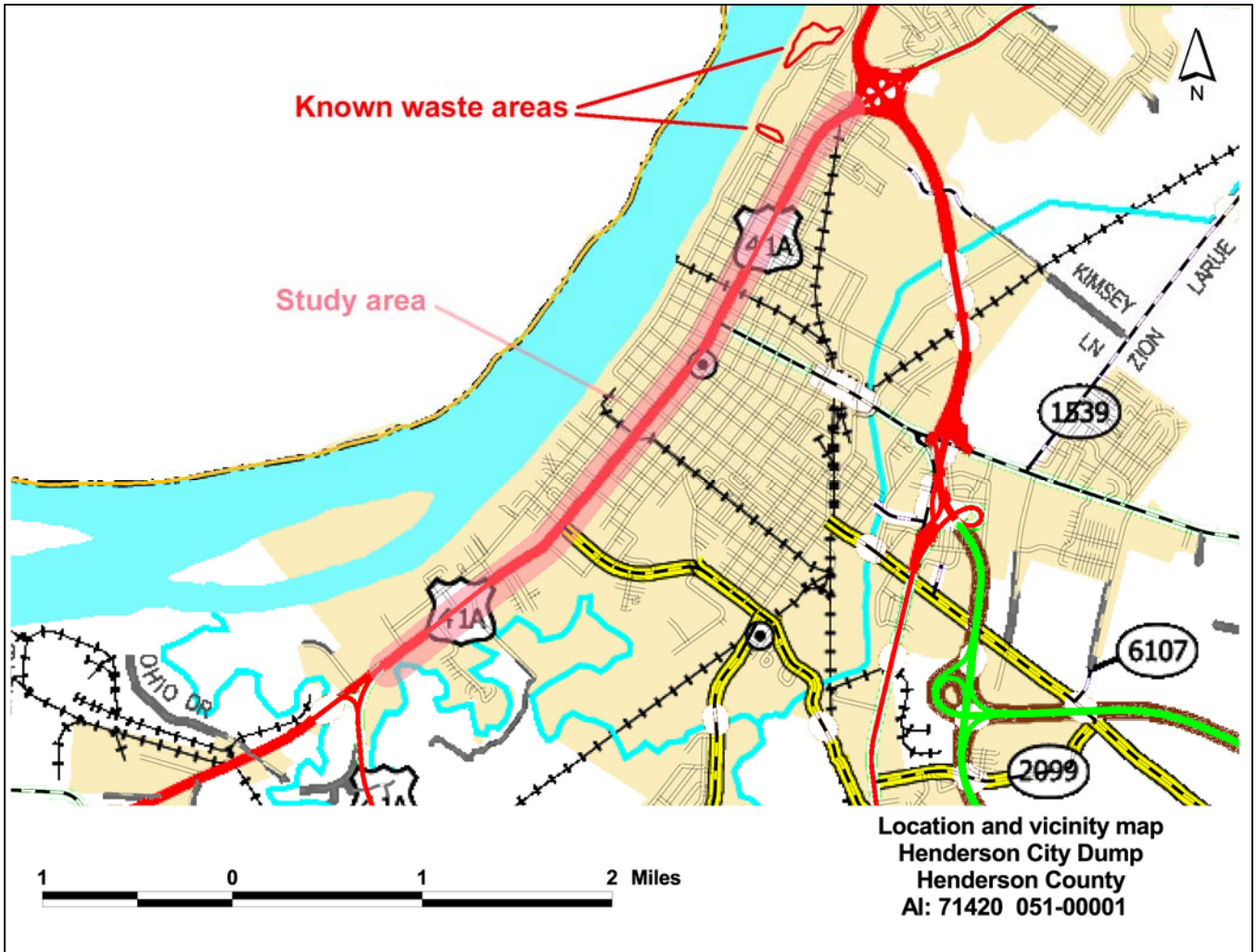
From: Gilbert, George (EEC)
Sent: Monday, August 10, 2009 11:50 AM
To: Cooley, Tony (EEC); Gritton, Sharon (EEC); Tan, Wilson (EEC); Daniell, Robert (EEC); Hubbard, Tim (EEC); Maybriar, Jon (EEC); Pratt, Jeff (EEC); Webb, April (EEC)
Cc: Tichenor, Larry (EEC)
Subject: FW: Planning Study Henderson Co.

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Sent: Monday, August 10, 2009 9:28 AM
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Subject: Planning Study Henderson Co.

I placed the original in your inbox. The file is too large to email so it's on the v drive here: [Planning Study Henderson Co.](#)

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





ENERGY AND ENVIRONMENT CABINET

Steven L. Beshear
Governor

Department for Natural Resources

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

Leonard K. Peters
Secretary

Carl E. Campbell
Commissioner

September 2, 2009

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

Dear Mr. Damron:

We have reviewed our records in conjunction with the proposed Henderson County project and have indicated, on the enclosed map, areas of existing mining within the project area. Please contact John Hiatt at (502) 53-0140 for more information regarding the mining in the project area.

Sincerely,

A handwritten signature in blue ink that reads "Carl E. Campbell".

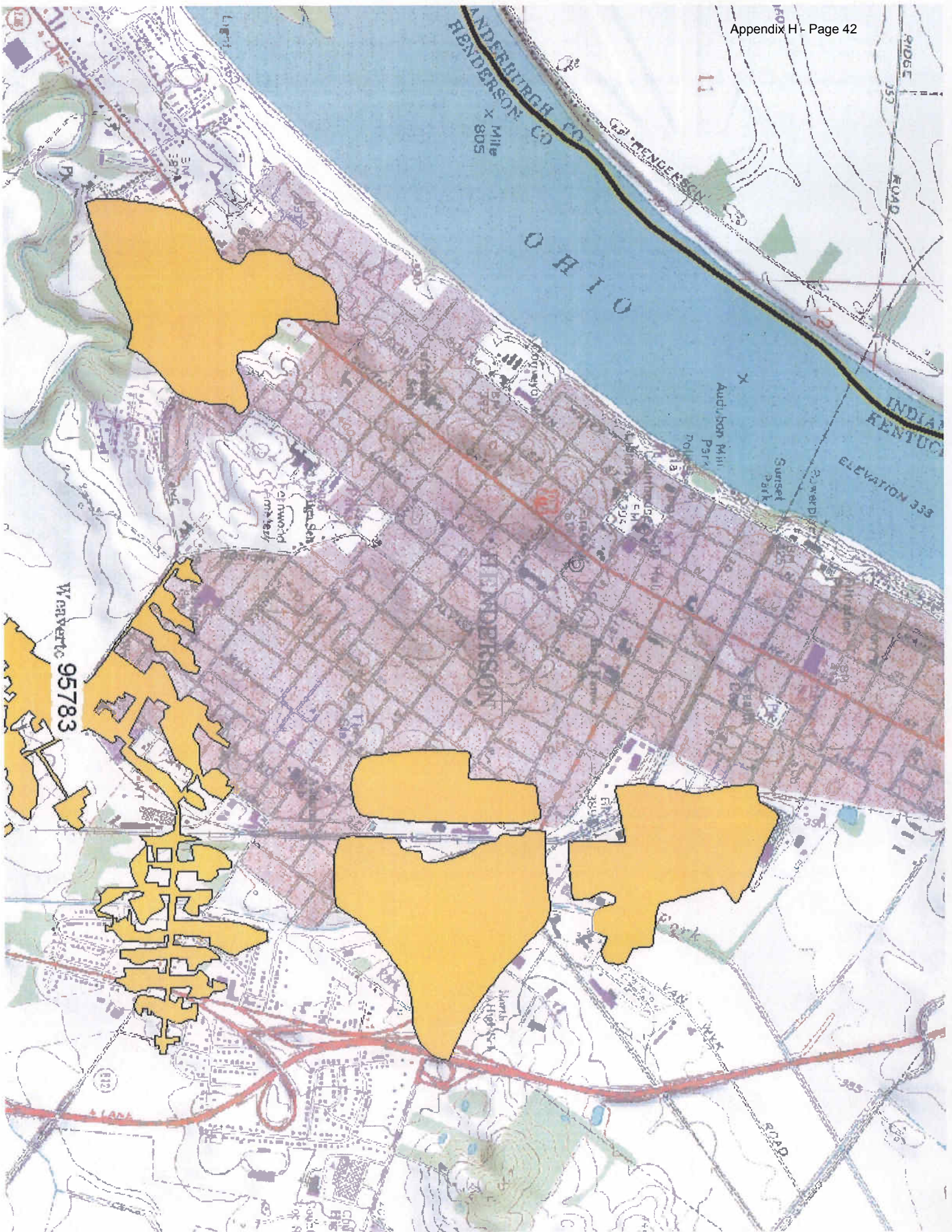
Carl E. Campbell, Commissioner
Department for Natural Resources

CEC/mm

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SEP 04 2009

Div. of Planning



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UNIVERSITY OF KENTUCKY

Kentucky Geological Survey

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

August 28, 2009

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

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SEP 04 2009

Div. of Planning

Dear Mr. Damron:

Subject: Planning Study response
Henderson County
US 41A (Green Street) in Henderson
Item # 02-410.00

This letter is in response to your request for comments concerning the proposed improvement alternatives for US-41A in Henderson County. The Kentucky Geological Survey has been mapping in the Henderson area since 2004, and has geological data available to share with KTC personnel in this project as desired. The KGS has bedrock and unconsolidated geologic maps, depth to bedrock data, subsurface borings, and seismic shear-wave profiles along or very near the proposed corridor of US 41A improvements. These maps and subsurface data can be provided to the Geotechnical Division in the future upon request.

The bedrock lithologies present along this portion of US-41A include sandstone, shale, coal and minor limestone. None of these materials are directly exposed at the surface in the indicated project corridor. However, drilling associated with our ongoing mapping effort in the area has indicated that highly weathered bedrock may be present below loess in the low upland areas in the central part of your project area. Depth to bedrock varies significantly through the project corridor, ranging from 30 feet to greater than 100 feet in our subsurface borings.

Our mapping has identified the following unconsolidated deposits over bedrock:

Sand dunes: these deposits are dominated by well sorted (poorly graded) fine sand and silt (SP and SM). These materials typically have poor cohesion when dry or exposed, and are commonly interbedded with loess layers.

Loess: these deposits are dominated by silt (ML, CL, CH) and are typically 30 to more than 50 feet thick. These materials can have low strength when saturated.

Lacustrine and paleo-levee deposits: these deposits typically include fine-grained materials such as silt and clay (CL, ML, CH) to a depth of at least 45 feet, with total bedrock depth generally deeper. The unconsolidated material (engineering soils) below that depth is unpredictable and can range from clay to coarse sand.



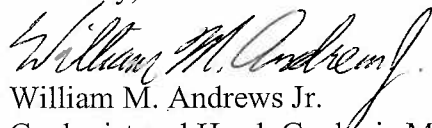
Geotechnical reports we have on file indicate very low n-values (<5) for materials locally within the top 35 feet of the corridor as well, especially in the lacustrine and paleolevee map units.

Of particular importance for construction in this area is the potential for thixotropic materials; these are typically fine-grained deposits which can lose all cohesion and load-bearing strength when disturbed with shaking or vibration. They typically are found in the upper 30 feet of the lacustrine, paleolevee and loess map units; our investigations have found they are common within these units.

Issues or concerns that may affect the improvements along US-41A include low/no cohesion in sands when dry, low strength in fines when saturated, variable depth to bedrock, and the potential presence of thixotropic fine-grained materials throughout most of the corridor.

None of the geologic features observed in the field area would preclude improvements on or alternative routes along US-41A. WE will provide any copies of our mapping or supporting data to KTC personnel upon request if it can be of further assistance in the planning process.

Sincerely,



William M. Andrews Jr.
Geologist and Head, Geologic Mapping Section
Kentucky Geological Survey
Email: wandrews@uky.edu
Phone: 859-323-0506 (direct line)



Evansville Metropolitan Planning Organization

Appendix H - Page 47

Civic Center Complex, Room 316, 1 N.W. Martin Luther King Jr. Blvd., Evansville, IN 47708-1833
PH: (812) 436-7833 FAX: (812) 436-7834 www.evansvillempo.com

Bradley G. Mills, P.E., Executive Director

TO: Keith R. Damron, Director, Division of Planning, KYTC
FROM: Bradley G. Mills, Executive Director *BGM*
SUBJECT: US 41A/Green Street planning study
DATE: August 28, 2009

The MPO supports any necessary improvements that will increase safety and efficiency along this corridor as indicated by the MPO's recommendations published in the Green Street Corridor Study in 1999, or as a result of more recent studies by the KYTC. The MPO requests consideration of the following recommendations:

- Review and relocate traffic signs to provide proper advance warning.
- Prohibit through traffic at particularly hazardous offset intersections.
- Close median openings near the US 41 interchange.
- Review and relocate or close if possible accident-prone private access locations.
- Address capacity/efficiency issues at signalized intersections.
- Maximize intersection site distances by removing or relocating encroachments.
- Increase vertical clearance issues, if possible, for freight vehicles traveling under the CSX overpass.
- Improve or maintain bicycle and pedestrian functionality along the corridor and at the signalized intersections.

Should you have any questions, or if you require additional information, please contact myself or Laura Lamb in our office.

BGM/LL



Henderson City-County Planning Commission

Peggy Wood
Executive Director

August 19, 2009

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

Dear Keith:

The Henderson City-County Comprehensive Plan adopted August 2006 addresses this section of Highway in the Transportation Chapter. Specifically as follows:

“Improvements to US41A/Green Street: U.S. 60 to U.S. 41

This project will result in safer and more efficient travel through downtown Henderson by providing a continuous two-way left turn lane between US 60 to US 41. This improvement will result in fewer accidents for vehicles using the numerous commercial accesses along this corridor and will allow for better traffic flow in general”. Traffic congestion and safety are current concerns along this section of highway.

Further, the Comprehensive Plan plans for all new accesses along this corridor to adhere to the Access Standards Manual.

Respectfully Submitted


Peggy Wood
Executive Director

cc: Buzzy Newman, Assistant City Manager

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SEP 01 2009

Div. of Planning

Henderson County Schools

1805 Second Street
Henderson, Kentucky 42420
Telephone: (270) 831-5000 Fax: (270) 831-5009



August 12, 2009

Dear Mr. Damron:

Thank you for the opportunity to provide input and comments for this potentially very important project. I have listed below the comments and concerns provided by Administrative Staff.

COMMENTS

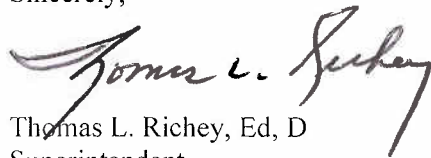
- Current area along Green Street at Jefferson Elementary includes fencing and playground area
- Construction project at Seventh Street Elementary - converting school to an early childhood center

CONCERNS

- Concern – potential land loss at Jefferson Elementary, 315 Jackson Street and Seventh Street Elementary, 328 7th Street
- Concern - impact of construction project while school is in session in regards to bus transportation and traffic flow

Again, I appreciate your consideration and hope you will contact me if I can be of further assistance in the future.

Sincerely,

A handwritten signature in cursive script that reads "Thomas L. Richey".

Thomas L. Richey, Ed, D
Superintendent

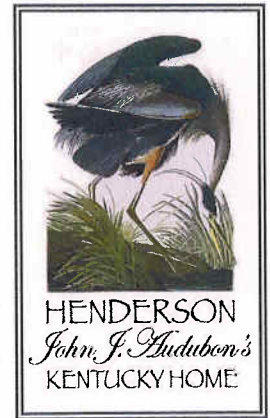
TLR/sr

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Div. of Planning

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Thomas E. Davis, Mayor

Commissioners:
William M. Farmer
Robert M. Mills
Robert N. Pruitt
James A. White, Jr.

The City of Henderson

P.O. Box 716
Henderson, Kentucky 42419-0716

Russell R. Sights, City Manager
William L. Newman, Jr., Assistant City Manager
Joseph E. Ternes, Jr., City Attorney
Carolyn Williams, City Clerk

August 19, 2009

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

RE: Planning Study
Henderson County
US 41A (Green Stree)
Item No. 02-410.00

Dear Mr. Damron:

Pursuant to your request for comment, attached for your review are the City of Henderson's comments on the US 41A (Green Street) study. The review was conducted by Engineering, Code Enforcement, and the Henderson Water Utility departments. The Henderson City-County Planning Commission will be sending their comments separately.

Hopefully our comments are beneficial and we appreciate the opportunity to review and comment on this project.

Sincerely,

William L. "Buzzy" Newman, Jr.

/dmc
Enclosures

c: Doug Boom, Engineer
John Stroud, Code Administrator
Ken Ferry, HWU Lead Engineer

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AUG 24 2009

Div. of Planning

Mr. Keith Damron, P.E.
August 19, 2009
Page Two
Attachment

Planning Study
Henderson County
US 41A (Green Street)
Item No. 02-410.00

1. The City of Henderson agrees with the project goals and needs based upon the increase in traffic usage and the evolving development along this corridor. The comments that follow include information that we received from our Police and Fire Department data regarding traffic accidents that have occurred over the past three years.
2. Specific issues and requests:
 - a. Consideration for continuous center turning lanes at the following locations:
 - 5th Street
 - Clay Street
 - Martin Luther King Blvd/Dixon Street
 - Kresge Drive
 - b. Install median crossing barrier at Richardson.
3. Possible purchase of properties to better align crossing streets i.e., Martin Luther King Blvd/Dixon Street and Clay Streets.
4. There are proposed development plans between 2nd and Washington Streets that may affect future planning. The Henderson City-County Planning Commission can provide further insight into this development process and the potential for growth.
5. Signage standards located along this corridor have been of significant issue with business owners in the past. The proposed project may have a significant impact with the business owners and the relocation of these signs.
6. All entrances conform to the Henderson City/County Access Standards Manual and Evansville Metropolitan Planning Organization (EMPO) Green Street corridor study.

Mr. Keith Damron, P.E.
August 19, 2009
Page Three
Attachment

7. Although not a significant number of businesses are affected, in an area between 7th and 8th Streets there has been an issue in the past of business parking because of vehicles backing into the lane of traffic. Clear right-of-way of parking on lots and backing out of vehicles onto street areas.
8. The lane width and height restrictions at 4th Street due to the railroad overpass have been a long-standing problem. Railroad overpass requires additional clearance and longer vertical curve for gradual approach to overpass. In regard to the width, the only solution would be to place a longer span with new piers.
9. Additional drainage along northeast side of Green Street from 14th to 12th (super elevated section) as storm water drainage at 14th and Green Streets has presented minor flooding issues at this intersection.

Peggy Wood

From: Ken Ferry [ferryk@hkywater.org]
Sent: Thursday, August 27, 2009 9:38 AM
To: Peggy Wood
Cc: Bruce Shipley; Rodney Michael
Subject: RE: Comments on Green St project

Sorry for not getting this to you sooner. I just got back from a few days vacation wrapped around getting two kids moved to college.

The HWU comments associated with the Green Street Corridor project at this time are:

1. There will need to be coordination with HWU relating to our downtown sewer separation project.
2. There may need to be coordination with HWU relating to our Canoe Creek Interceptor project.
3. Drainage needs to be improved at or near the intersections of Green Street and 12th, 10th, and 8th Streets. HWU anticipates separating the combined sewers in the area between 4th and 12th Streets and between Green Street and the Ohio River. Coordination with this effort is needed in order to reroute the drainage of Green Street in this area from Canoe Creek to the Ohio River.
4. There are current drainage issues in the vicinity of Smith Avenue that will likely need to be addressed as part of this project.
5. HWU has a very old 20-inch CI water transmission main beneath the existing Green Street pavement between Vine and 10th Streets that will require careful treatment in order not to cause a major water service interruption to our customers.

Ken

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

From: Peggy Wood [mailto:pwood@hendersonplanning.org]
Sent: Wednesday, August 26, 2009 8:42 AM
To: Ken Ferry
Subject: Comments on Green St project

Ken, will you e-mail me your comments from our meeting the other day, I need to get these in the mail to the transportation cabinet today.
Thanks, Peggy