

From: [Walls, Beth](#)
To: [Pelfrey, Mikael B \(KYTC\)](#)
Cc: [Miltischer, Chris](#)
Subject: EPA Comments on the US 27 Alternatives Study: from KY 1247 to Education Way, Lincoln County, KYTC Item No. 8-167.00
Date: Wednesday, September 20, 2017 1:34:13 PM

Hi Mikael:

The U.S. Environmental Protection Agency (EPA) is responding to an August 30, 2017, request for input and comments on the proposed US 27 Alternatives Study, specifically with regard to 1) the proposed action's purpose and need, 2) significant issues to facilitate appropriate project scoping, 3) any ongoing agency efforts within the project area, 4) the locations of any known issues to be considered when developing alternatives, and 5) any mitigation strategies to be considered during project development. We offer the following recommendations based on our understanding of the material provided: 1) draft purpose and need, 2) maps of: the study area, crash data (2011 - 2016), alternative alignment, and environmental overview, 3) alternatives description, and 4) the alternatives comparison table. We are unaware, at this time, of any known conservation or development plans ongoing within the project area.

Affected Environment and Environmental Impacts:

The proposed action is focused on 4.7 of the remaining 16.5 miles of US 27 between Somerset and Lexington not improved or currently under design. This 4.7 miles is located between the City of Stanford and the Community of Halls Gap in Lincoln County, KY. Within this area, US 27 appears to traverse a rural landscape of mixed pasture, crop, and wood-lands uses interspersed with small subdivision tracts. The existing stretch of US 27 is a 2-lane road with limited northbound passing opportunities, inconsistent and limited shoulder widths, and unstable cut and side slopes through the Halls Gap area. The existing level of service (LOS) information provided indicates a level of "E" for the southbound traffic and the LOS for the northbound traffic may range from "D" to "E."

The range of environmental impacts associated with the proposed alternatives range from: 1.4 to 1.9 acres of wetlands, 1,030 to 1,570 feet of intermittent streams, 0 – 1.5 acres of flood plain, 6 – 7 water wells, 9 – 25 acres of prime farmland, 22 – 51 acres of farmland of statewide importance, 0 – 700 feet of sewer line, 0 – 7 potential UST/Hazmat facilities, 0 – 350 feet of natural gas transmission pipeline, 0 – 9,260 feet of fiber optic cable, 2,840 – 11,400 feet of water lines, 6,570 – 23,900 feet of overhead utility lines, 0 – 2 commercial relocations, and 12 – 29 residential relocations.

Recommendation: The EPA recommends that KTC identify any waters, including aquatic ecosystem, of special significance such as designated special use waters, impaired streams, etc.

Recommendation: The EPA recommends that KTC address the impacts to environmental justice communities consistent with Federal Highways Administration's (FHWA) Environmental Justice Policy and Guidance (available at https://www.fhwa.dot.gov/environment/environmental_justice/index.cfm).

Recommendation: The EPA recommends that KTC address any impacts to existing groundwater conditions, including karst topography, and assess potential impacts to

groundwater quality associated with the proposed action's construction and operation. This includes identifying whether any potentially impacted groundwater sources may have an interface with surface waterbodies, leading to potential indirect impacts to these waters. We recommend identifying and discussing mitigation measures to prevent or reduce adverse impacts to groundwater quality and discuss their likely effectiveness. EPA also recommends identifying and discussing any potential impacts to source waters, including wellhead protection areas, designated sole source aquifers, municipal and private wells, upstream of drinking-water supply intakes, springs regions – including any fault zones and karst areas, and karst terrain. This includes addressing the potential for contaminants to be introduced into existing or future sources of public water supplies, including aquifers, downgradient springs, wells, and surface waterbodies, including mitigation measures.

Recommendation: The EPA recommends that KTC identify the proposed mitigation for all environmental impacts consistent with National Environmental Policy Act (NEPA) and the Clean Water Act (CWA).

Purpose & Need:

The proposed purpose is to improve safety and mobility, reduce congestion, and provide a consistent and more efficient connection from Somerset to Lexington. Supporting information includes crash data for the past 5 years that indicate 2 intersections along US 27 have high crash rates: 12 at the SR 1247 and 11 at the Fairground Rd intersection. Along this 4.6-mile stretch, there have also been 2 fatal crashes: one rear end and one same-direction sideswipe, and 124 crashes, many rear-end. Additionally, US 27 in general serves as parallel route to I-75, and the primary detour route for I-75 as needed.

Alternatives:

The information provided indicates the alternatives evaluated include expanding US 27 to four-lanes with variations of widening (typical sections): widen the west side, widen the east side, or widen equally toward both sides. The alternatives also include a 2+1 design where a third lane with alternating southbound and northbound passing opportunities. The actual road design may use a combination of these typical sections.

Recommendation: The EPA recommends that KTC consider providing a map depicting the proposed “bifurcate & bridge” alternative for the “North Section.” A map was provided to depict the proposed “Halls Gap” new eastern alignment. It does not appear that either proposed new alignment would address any congestion associated with using the county fairgrounds.

Recommendation: The EPA recommends that KTC consider the alternative of lowering the posted speed limit within this 4.7-mile stretch of US 27. The provided information indicates that travel times are delayed to 48-mph within a posted 55-mph limit zone. The EPA recommends that KTC address whether 55-mph speed is appropriate/safe for this 4.7-mile stretch of US 27 in between the City of Stanford and the Community of Halls Gate. The County Fairgrounds appear to be located here as are a number of residential homes and some subdivisions. Furthermore, the northbound lanes are approaching the City of Stanford’s center. The EPA recommends that KTC address whether this time delay indicates a need for the proposed action as described or whether the crash data may reflect a need for a lower speed limit.

Recommendation: At the two intersections with high crash rates, the EPA recommends that KTC consider the alternative of installing traffic lights and turn lanes or the alternative of installing roundabouts (see: <https://safety.fhwa.dot.gov/intersection/innovative/roundabouts/fhwasa10006/>). The information provided does not provide information regarding the status of traffic lights or their effectiveness. The Lincoln County Fairgrounds are located at the intersection of US 27 with Fairground Road, one of the crash hot spots. During certain periods when the fairgrounds are actively used, traffic may be congested. The second crash hot spot appears to be in the vicinity of the intersection of US 27 with SR 698. The EPA recommends that KTC indicate how the proposed alternatives will achieve the proposed purpose to improve safety.

Thank you for the opportunity to review and comment.

Sincerely,

Beth Walls
Senior Physical Scientist,
NEPA Program Office,
US EPA, Region 4
404-562-8309
walls.beth@epa.gov



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Kentucky Ecological Services Field Office
330 West Broadway, Suite 265
Frankfort, Kentucky 40601
(502) 695-0468

RECEIVED

SEP 14 2017

June 12, 2017

Div. of Planning

Dear Project Proponent:

We have received your request for a species list for your project. The Kentucky Field Office (KFO) is directing project proponents to obtain species lists from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Conservation (IPaC) system located at: <https://ecos.fws.gov/ipac/>. IPaC will immediately provide you with a current species list appropriate for your proposed project and an official letter on USFWS letterhead. This list will include species currently listed as threatened or endangered, species proposed for listing, critical habitat for listed species, and bird species of conservation concern.

When you open the IPaC site, you will be asked to input a location for your proposed project. The location can be input in different ways. Often, the easiest way is to zoom into the vicinity of the project area on the map and use the sketch tool to approximate the boundaries of the proposed project site, plus an appropriate buffer. This location that you input should represent the entire “action area” of your proposed project by considering all the potential “effects of the action,” including potential direct, indirect, and cumulative effects to federally-listed species or their critical habitat as defined in 50 CFR 402.02. This includes effects of any “interrelated actions” that are part of a larger action and depend on the larger action for their justification and “interdependent actions” that have no independent utility apart from the action under consideration (e.g.; utilities, access roads, etc.) and future actions that are reasonably certain to occur as a result of the proposed project (e.g.; development in response to a new road).

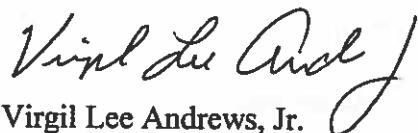
IPaC will generate a species list specific to the action area of the proposed project, as you defined it. You can then request an official species list under the “Regulatory Documents” tab. This species list fulfills the requirements of the USFWS under section 7(c) of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 et seq.) to provide information as to whether any proposed or listed species may be present in the area of a proposed action. The letter generated by IPaC will explain how to request an updated list or a revised list based on project modifications.

The official species list is not a concurrence letter; additional coordination with the KFO may be necessary to ensure ESA compliance. Please read the letter that accompanies the species list for further direction as to how to request technical assistance or section 7 consultation from the KFO. Please include the consultation tracking number on the IPaC-generated letter (e.g., 04EK1000-####-SLI-####) at the top of your future correspondences with the KFO. The KFO

will be able to retrieve the information that you input into IPaC; there is no need to include a printed copy of your IPaC-generated letter or species list with your correspondence.

Thank you for your request. Your concern for the protection of endangered and threatened species is greatly appreciated. If you have any questions or problems obtaining a species list from IPaC, please contact Jessica Blackwood Miller at (502) 695-0468 extension 104 or jessica_miller@fws.gov.

Sincerely,



Virgil Lee Andrews, Jr.
Field Supervisor

From: [Pelfrey, Mikael B \(KYTC\)](#)
To: [Coffey, Annette](#); [Miller, Deanna](#)
Cc: [Clouse, Tom](#); [Gutti, Srinivasa \(KYTC\)](#); [Gossage, Joseph W \(KYTC-D08\)](#); [West, Jami B \(KYTC-D08\)](#); [Dick, Jeff D \(KYTC-D08\)](#)
Subject: FW: Comments on DRAFT letter to FHWA - 8-167
Date: Monday, September 11, 2017 10:27:59 AM

Annette/Deanna,

Since Tom is overseas, I'm directly forwarding FHWA's response to the resource agency mailing to you. The Purpose and Need bullets are the most critical to address as the remainder seem like more of a clarity issue.

Thanks,

Mikael B. Pelfrey, P.E.

Transportation Engineer Specialist
Kentucky Transportation Cabinet
Division of Planning

From: Dupont, Bernadette (FHWA) [mailto:Bernadette.Dupont@dot.gov]

Sent: Monday, September 11, 2017 8:51 AM

To: Pelfrey, Mikael B (KYTC) <Mikael.Pelfrey@ky.gov>

Cc: Bernadette.dupont@dot.gov

Subject: FW: Comments on DRAFT letter to FHWA - 8-167

Good Afternoon,

Below are several comments on the DRAFT letter concerning 8-167

Purpose and Need

- Purpose – statement should include addressing geometric deficiencies
- Need - Bullet 1 doesn't indicate a need.
- Need -Please describe the need that goes along with bullet 7 - US 27 being the primary detour route. Is it insufficient as a detour route? What are the required parameters? Perhaps bullets 2,3,4,5,6, and 8 indicate the needs.
- Need - Bullet 6 mentions 2 high crash locations are above the statewide average, but doesn't provide the data – please include those numbers.

Alternatives

- It is unclear how many alternatives exist – A4 on Section1 missing – why? Was it eliminated or is this a typo?
 - Seems like it should be 3-lane alternative (not a 2 + 1 – what is that?) and 4-lane alternative
-

Alternatives Comparison Tables

- Doesn't address EJ, Parks, Rec Land, 6(f) properties

Traffic Volumes

- Traffic Volume data is from which year? Please indicate

Bernadette Dupont

U.S. Department of Transportation

Federal Highway Administration - Kentucky Division

330 West Broadway

Frankfort, KY 40601-1981

Land Line: (502) 223-6729

Fax Line: (502) 223-6735

E-mail: Bernadette.Dupont@dot.gov

Website: <http://www.fhwa.dot.gov/kydiv/plan.htm>

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

ATTN: Mikael Pelfrey, P.E.

RE: US 27 Alternatives Study, From KY1247 to Education Way in Lincoln County, Item No. 8-167.00

Dear Mr. Williams:

In regards to the proposed subject project, the USDA-Natural Resources Conservation Service (NRCS) is concerned with potential impacts that projects might have upon prime farmland soils, farmlands of statewide importance, PL-566 watershed structures, Wetland Reserve Program (WRP/WRE) and Grassland Reserve Program (GRP/GRE) and similar easements established through various Farm Bill programs.

Based upon the information provided, NRCS does not anticipate the proposed actions will negatively affect easements or watershed structures. If federal dollars are to be used to convert wetlands or convert important prime farmlands from agricultural uses to non-agricultural uses via this project a Form AD-1006 (or Form NRCS-CPA-106 if the project is a corridor type project) must be submitted to the local NRCS office. These forms may be obtained from the local NRCS office and are also available as electronic forms on the web at:

<http://forms.sc.egov.usda.gov/eForms/>

If you require additional information or require further review please contact Casey Shrader, Acting State Resource Conservationist at (859) 224-7372.

Sincerely,

KAREN A. WOODRICH
State Conservationist

cc: Casey Shrader, Acting State Resource Conservationist, Lexington

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SEP 20 2017

Div. of Planning

From: [Pelfrey, Mikael B \(KYTC\)](#)
To: [Clouse, Tom](#); [Coffey, Annette](#); [Miller, Deanna](#)
Cc: [Gutti, Srinivasa \(KYTC\)](#); [Gossage, Joseph W \(KYTC-D08\)](#); [West, Jami B \(KYTC-D08\)](#); [Dick, Jeff D \(KYTC-D08\)](#)
Subject: FW: US 27 Alternative Study, Lincoln County, Item No. 8-167.00
Date: Friday, September 08, 2017 10:15:26 AM

All:

As requested at this week's meeting, I will compile and send out the weekly resource agency responses received at the end of the week. So far one has been received, and follows in the trailing message.

Thanks,

Mikael B. Pelfrey, P.E.

Transportation Engineer Specialist
Kentucky Transportation Cabinet
Division of Planning

From: Houlahan, John F (KYTC)

Sent: Thursday, September 07, 2017 1:57 PM

To: Pelfrey, Mikael B (KYTC) <Mikael.Pelfrey@ky.gov>

Subject: US 27 Alternative Study, Lincoln County, Item No. 8-167.00

Mr. Pelfrey,

I have reviewed the above subject and no permit is required from the KAZC.

Please note, any construction equipment exceeding 200 feet above ground level would require a temporary structure permit from the KAZC.

If you have any questions, please let me know. Thank you.

Kentucky Airport Zoning Commission (KAZC)

John Houlahan, Administrator
Department of Highways, District Six
421 Buttermilk Pike

Covington, KY 41017

Office 859-341-2700, Desk 859-341-2707 Ext. 292, Cell 502-330-3955

KAZC webpage: <http://transportation.ky.gov/Aviation/Pages/Zoning-Commission.aspx>

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CABINET FOR HEALTH AND FAMILY SERVICES**

Matt G. Bevin
Governor

275 E. Main Street
Frankfort, KY 40621
(502) 564-6631
Fax: (502) 564-2608
www.chfs.ky.gov

Greg Thomas
Secretary

September 1, 2017

Kentucky Transportation Cabinet
Dept. of Highways
Mr. John Moore, P.E., Director Division of Planning
200 Mero Street 5th Floor
Frankfort, Ky. 40622

Subject: US 127 Alternatives Planning Study
Lincoln Co., Item No. 8-167.00

Mr. Moore,

Thank you for the opportunity to provide input for the US 127 Alternatives Planning Study for the Kentucky Transportation Cabinet. We reviewed the study to identify specific issues or concerns which may affect the development of the road improvement project in Lincoln County. We have reviewed the project location map that you provided as well as the location of the CHFS facilities in the area.

The Cabinet for Health and Family Services does not lease or own property located within the area of this proposal; therefore, we do not anticipate or have any specific issues or concerns with regards to the proposed project.

Thank you for giving consideration to our facilities, staff, and clients.

Sincerely,

A handwritten signature in blue ink that reads "Vickie Yates Brown Glisson".

Vickie Yates Brown Glisson
Secretary
Cabinet for Health and Family Services

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SEP 08 2017

Div. of Planning

Cc: file





MATTHEW G. BEVIN
GOVERNOR

DON PARKINSON
SECRETARY

**TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY HERITAGE COUNCIL
THE STATE HISTORIC PRESERVATION OFFICE**

**THE BARSTOW HOUSE
410 HIGH STREET
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-7005
FAX (502) 564-5820
www.heritage.ky.gov**

REGINA STIVERS
DEPUTY SECRETARY

CRAIG A. POTTS
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& STATE HISTORIC
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September 5, 2017

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SEP 12 2017

Div. of Planning

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

Re: US 27 Alternatives Study from KY 1247 to Education Way, Lincoln County, KYTC Item Number 8-167.00 (cultural resources)

Dear Mr. Pelfrey:

Thank you for the letter regarding the above-referenced planning study. You have asked specifically for comments or concerns on the following: draft purpose and need, issues or concerns in the project area, conservation or development plans in the area, locations of known resources within the project area that should be considered, and any mitigation strategies that should be considered.

At this time, we have no comment on draft purpose and need, nor do we have any comments on mitigation strategies at this time. We do not have any conservation or development plans in the project area. A preliminary review of our cultural resource data in tandem with the documentation you provided indicates that most of the project area has not been previously surveyed for the identification of archaeological resources. However, a narrow corridor along and adjacent to portions of US 27 has been previously surveyed for cultural resources. There are at least three known archaeological sites within the project area, all of which remain unassessed for their National Register of Historic Places (NRHP) eligibility status.

The information above is provided for planning purposes only and is not meant to suggest whether cultural resource investigations are required or not at this time. When more detailed

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plans depicting a specific area of potential effect (APE) is available, we look forward to the opportunity to review and comment on those plans.

Should you have any questions, feel free to contact Nicole Konkol of my staff at nicole.konkol@ky.gov.

Sincerely,



Craig A. Potts,
Executive Director and
State Historic Preservation Officer

CP:nk
KHC # 49934



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

Matthew G. Bevin

Governor

Don Parkinson

Secretary

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

Regina Stivers
Deputy Secretary

Gregory K. Johnson
Commissioner

13 September 2017

Mikael Pelfrey, P.E.
Kentucky Transportation Cabinet
Division of Planning
200 Mero Street, 5th Floor West
Frankfort, KY 40622

RE: US 27 Alternatives Study
From KY 1247 to Education Way
Lincoln County
Item No. 8-167.00

Dear Mr. Pelfrey:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for information pertaining to the subject project. The Kentucky Fish and Wildlife Information System indicates that no federally - listed species are known to occur within 10 miles of the project site. The state-listed American Black Bear (*Ursus americanus*) and Savannah Sparrow (*Passerculus sandwichensis*) are known to occur within one mile of the project site. Please be aware that our database is a dynamic one that only represents our current knowledge of various species distributions.

No caves, critical habitats, trout streams/fish spawning areas, or any other unique natural areas are known to occur within close proximity to the project site. To minimize indirect impacts to the aquatic environment, the KDFWR recommends that erosion control measures be developed and implemented prior to construction to reduce siltation into waterways located within the project area. Such erosion control measures may include, but are not limited to silt fences, staked straw bales, brush barriers, sediment basins, and diversion ditches. Erosion control measures will need to be installed prior to construction and should be inspected and repaired regularly as needed.

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



KDFWR recommends that you contact the appropriate US Army Corps of Engineers office and the Kentucky Division of Water prior to any work within the waterways or wetland habitats of Kentucky. Additionally, KDFWR recommends the following for the portions of the project that impact streams:

- Channel changes located within the project area should incorporate natural stream channel design.
- If culverts are used, the culvert should be designed to allow the passage of aquatic organisms.
- Culverts should be designed so that degradation upstream and downstream of the culvert does not occur.
- Development/excavation during low flow period to minimize disturbances.
- Proper placement of erosion control structures below highly disturbed areas to minimize entry of silt into area streams.
- Replanting of disturbed areas after construction, including stream banks, with native vegetation for soil stabilization and enhancement of fish and wildlife populations. We recommend a 100 foot forested buffer along each stream bank.
- Return all disturbed instream habitat to a stable condition upon completion of construction in the area.
- Preservation of any tree canopy overhanging any streams within the project area.

KDFWR recommends alternatives that accomplish project goals while minimizing impacts to fish and wildlife resources and the environment as a whole. I hope this information is helpful to you, and if you have questions or require additional information, please call me at (502) 564-7109 extension 4453.

Sincerely,



Dan Stoelb
Environmental Scientist

Cc: Environmental Section File

From: [Poore, John \(EEC\)](#)
To: [Pelfrey, Mikael B \(KYTC\)](#)
Cc: [Maybriar, Jon \(EEC\)](#); [Price, Ronald \(EEC\)](#); [Winner, Edward J \(EEC\)](#); [Hughes, Larry \(EEC\)](#); [Anderson, Danny J \(EEC\)](#); [Webb, April \(EEC\)](#); [Fink, Kris K \(EEC\)](#); [Logsdon, Gary \(EEC\)](#); [Hill, William \(EEC\)](#); [Hubbard, Tim \(EEC\)](#)
Subject: US 27 Alternative Studies From KY 1247 to Education Way Lincoln County
Date: Monday, September 18, 2017 4:03:08 PM
Attachments: [FW Comments on US 27 Planning Study Lincoln County.msg](#)
[FW US 27 Alternative Study - From KY 1247 to Education Way in Lincoln County.msg](#)
[FW Comments on US 27 Planning Study Lincoln County.msg](#)
[RE Comments on US 27 Planning Study Lincoln County.msg](#)
[RE Comments on US 27 Planning Study Lincoln County.msg](#)

Mr. Mikael Pelfrey, P.E.

Attached are comments from the KY Division of Waste Management regarding the proposed project.

The information provided is based on those facilities or sites that KDWM currently has in its database. If you would like additional information on any of these facilities or sites, you may contact the file room custodian at (502) 782-6357. Please keep in mind additional locations of releases, potential contamination or waste facilities may be present but unknown to the agency. Therefore, it is recommended that appropriate precautions be taken during construction activities. Please report any evidence of illegal waste disposal facilities and releases of hazardous substances, pollutants, contaminants or petroleum to the 24-hour Environmental Response Team at 1-800-928-2380.

Please contact me if you have any questions.

John Poore, P.E., P.G.
Environmental Engineer Consultant
Director's Office
KY Division of Waste Management
Phone: (502) 782-6736 direct or (502) 564-6716
john.poore@ky.gov

From: [Schaffer, Bart \(EEC\)](#)
To: [Poore, John \(EEC\)](#)
Cc: [Webb, April \(EEC\)](#)
Subject: FW: Comments on US 27 Planning Study Lincoln County
Date: Thursday, September 14, 2017 9:30:44 AM

John,

See my message to April below. Feel free to let me know if you have any questions.

Sincerely,

Bart Schaffer, P.G.

Supervisor, Corrective Action Section

Hazardous Waste Branch

Kentucky Division of Waste Management

(502) 782-6443

From: Schaffer, Bart (EEC)
Sent: Thursday, September 14, 2017 9:15 AM
To: Webb, April (EEC) <April.Webb@ky.gov>
Subject: RE: Comments on US 27 Planning Study Lincoln County

I conducted searches in TEMPO map view and in the corrective action module of RCRAInfo. There are no and have never been any TSD sites in the subject area that were identified by the RCRAInfo search. The search in TEMPO map viewer revealed numerous sites of other nature (USTs, HW generators, etc.) but no TSDs. The HW generators shouldn't be an issue.

From: Webb, April (EEC)
Sent: Thursday, September 14, 2017 7:23 AM
To: Schaffer, Bart (EEC) <Bart.Schaffer@ky.gov>
Subject: FW: Comments on US 27 Planning Study Lincoln County

From: Poore, John (EEC)
Sent: Wednesday, September 13, 2017 2:17 PM
To: Hughes, Larry (EEC) <<mailto:Larry.Hughes@ky.gov>>; Webb, April (EEC) <<mailto:April.Webb@ky.gov>>; Anderson, Danny J (EEC) <<mailto:Danny.Anderson@ky.gov>>; Livingstone, Bennett (EEC) <<mailto:bennett.livingstone@ky.gov>>; Hill, William (EEC) <<mailto:william.hill@ky.gov>>
>
Cc: Maybriar, Jon (EEC) <<mailto:Jon.Maybriar@ky.gov>>; Winner, Edward J (EEC) <<mailto:Edward.Winner@ky.gov>>; Hubbard, Tim (EEC) <<mailto:Tim.Hubbard@ky.gov>>; Fink, Kris K (EEC) <<mailto:Kris.Fink@ky.gov>>; Melton, Ken (EEC) <<mailto:Ken.Melton@ky.gov>>
Subject: Comments on US 27 Planning Study Lincoln County

I have attached a copy of the above referenced study information from the Transportation Cabinet and would like any comments you have from your respective branches. Please let me know about any known UST, Haz-waste, Superfund, RLA or Landfill sites or other impacts to the study area shown on the map with any comments. If you could get back to me with your comments by Wednesday, September 27 it would be greatly appreciated. Please let me know if you have any questions. Thanks!

John

John Poore, P.E., P.G.

Environmental Engineer Consultant

Director's Office

KY Division of Waste Management

Phone: (502) 782-6736 direct or (502) 564-6716

[<mailto:john.poore@ky.gov>](mailto:john.poore@ky.gov)

From: [Fink, Kris K \(EEC\)](#)
To: [Poore, John \(EEC\)](#); [Hughes, Larry \(EEC\)](#); [Webb, April \(EEC\)](#); [Anderson, Danny J \(EEC\)](#); [Livingstone, Bennett \(EEC\)](#); [Hill, William \(EEC\)](#)
Cc: [Maybriar, Jon \(EEC\)](#); [Winner, Edward J \(EEC\)](#); [Hubbard, Tim \(EEC\)](#); [Melton, Ken \(EEC\)](#)
Subject: RE: Comments on US 27 Planning Study Lincoln County
Date: Wednesday, September 13, 2017 3:29:41 PM
Attachments: [US 27 alternative study.docx](#)

Hello all,

I believe this is this was the same review that Rob Mauer request on September 1, just in case you all were part of that request so you do not do the same work over again. Attached are USTB concerns

From: Poore, John (EEC)
Sent: Wednesday, September 13, 2017 2:17 PM
To: Hughes, Larry (EEC) <Larry.Hughes@ky.gov>; Webb, April (EEC) <April.Webb@ky.gov>; Anderson, Danny J (EEC) <Danny.Anderson@ky.gov>; Livingstone, Bennett (EEC) <bennett.livingstone@ky.gov>; Hill, William (EEC) <william.hill@ky.gov>
Cc: Maybriar, Jon (EEC) <Jon.Maybriar@ky.gov>; Winner, Edward J (EEC) <Edward.Winner@ky.gov>; Hubbard, Tim (EEC) <Tim.Hubbard@ky.gov>; Fink, Kris K (EEC) <Kris.Fink@ky.gov>; Melton, Ken (EEC) <Ken.Melton@ky.gov>
Subject: Comments on US 27 Planning Study Lincoln County

I have attached a copy of the above referenced study information from the Transportation Cabinet and would like any comments you have from your respective branches. Please let me know about any known UST, Haz-waste, Superfund, RLA or Landfill sites or other impacts to the study area shown on the map with any comments. If you could get back to me with your comments by Wednesday, September 27 it would be greatly appreciated. Please let me know if you have any questions. Thanks!

John

John Poore, P.E., P.G.

Environmental Engineer Consultant

Director's Office

KY Division of Waste Management

Phone: (502) 782-6736 direct or (502) 564-6716

john.poore@ky.gov <<mailto:john.poore@ky.gov>>

US 27 alternative study

USTB Kris Fink

AI # 59813 Everettts Grocery 1580 Somerset Rd. Stanford, KY 40484

1. 1000 Gas
 2. 1000 Gas
- Removed 1997 NFA 2009

AI # 59784 Stanford Somerset Oil Station 1589 US 27 N, Stanford, KY 40484

1. 8000 Gas
 2. 6000 Gas
 3. 6000 Gas
 4. 2000 DSL
- Tanks removed 2014 NFA 2016

AI # 58292 Orans Travel Plaza 10745 US 27 N, Eubank, KY 42567

1. 15000 DSL
 2. 6000 Gas
 3. 10000 Gas
 4. 10000 Gas
 5. 5000 DSL
 6. 4000 Kerosene
- All Tanks Active

AI # 58339 Eubank Chevron 12875 N Hwy 27, Eubank, KY 42567

1. 10000 Gas
 2. 5000 Gas
 3. 5000 Gas
- All Tanks Active

AI # 2721 Lincoln Co. Ready Mix 2225 US 27 S, Stanford, KY 40484

1. 10000 Gas
 2. 6000 Gas
 3. 6000 Gas
- Tanks removed 1995 NFA 1996

AI # 59765 Martin Station 3005 US 27 S Stanford, KY 40484

1. 2000 Gas
 2. 2000 Gas
- Tanks removed 2013 NFA 2014

AI # 59781 Shirleys Grocery 5675 US 27, Stanford, KY 40484

1. 2000 Gas
2. 2000 Gas

3. 560 DSL

Tanks removed 1998 NFA 2014

AI # 59764 Ruckel Grocery Deli 16121 KY 1247, Waynesburg, KY 40489

1. 10000 Gas

2. 8000 Gas

3. 6000 Gas

4. 1000 Kerosene

5. 4000 DSL

All Tanks Systems Active

AI # 58332 Dicks Family Market, 9675 US 27 N Eubanks, KY 42567

1. 4000 Gas

2. 4000 Gas

3. 4000 Gas

4. 4000 DSL

All Tanks removed Active remediation ongoing.

From: [Anderson, Danny J \(EEC\)](#)
To: [Mauer, Rob \(EEC\)](#)
Subject: FW: US 27 Alternative Study - From KY 1247 to Education Way in Lincoln County
Date: Thursday, September 07, 2017 8:57:07 AM

From: Melton, Ken (EEC)
Sent: Thursday, September 07, 2017 8:51 AM
To: Anderson, Danny J (EEC) <Danny.Anderson@ky.gov>
Subject: RE: US 27 Alternative Study - From KY 1247 to Education Way in Lincoln County

None in the project area ... Stanford Historic City Dump is approximately 1.5 miles away.

From: Anderson, Danny J (EEC)
Sent: Tuesday, September 05, 2017 8:39 AM
To: Melton, Ken (EEC) <Ken.Melton@ky.gov> [<mailto:Ken.Melton@ky.gov>](mailto:Ken.Melton@ky.gov)
Subject: FW: US 27 Alternative Study - From KY 1247 to Education Way in Lincoln County

Other than Tri-K LF in the vicinity, any old LFs within the corridor?

From: Mauer, Rob (EEC)
Sent: Friday, September 01, 2017 11:36 AM
To: Anderson, Danny J (EEC) <Danny.Anderson@ky.gov>; Fink, Kris K (EEC) <Kris.Fink@ky.gov>; Howard, Lawrence (EEC) <Lawrence.Howard@ky.gov>; Jump, John (EEC) <John.Jump@ky.gov>; Logsdon, Gary (EEC) <Gary.Logsdon@ky.gov>; Moore, John F (EEC) <JohnF.Moore@ky.gov>
Subject: FW: US 27 Alternative Study - From KY 1247 to Education Way in Lincoln County

NEPA Reviewers,

Can you please look this over and have any comments back in time they can be compiled and submitted back to Ron? No later than Friday September 29 (sooner would not hurt my feelings). Please respond even if it is "No concerns".

Thank you and have a nice (soggy) Labor Day weekend.

From: Price, Ronald (EEC)
Sent: Thursday, August 31, 2017 3:58 PM
To: Davis, Mark J (EEC) <MarkJ.Davis@ky.gov>; Dawson, Doug (FW)
<Doug.Dawson@ky.gov> <<mailto:MarkJ.Davis@ky.gov>>; Sherrick, Yvonne (Heritage Council)
<Yvonne.Sherrick@ky.gov> <<mailto:Yvonne.Sherrick@ky.gov>>; Murphy, Joel (EEC) <Joel.Murphy@ky.gov>
<<mailto:Joel.Murphy@ky.gov>>; Mauer, Rob (EEC) <Rob.Mauer@ky.gov> <<mailto:Rob.Mauer@ky.gov>>
Cc: Price, Ronald (EEC) <Ronald.Price@ky.gov> <<mailto:Ronald.Price@ky.gov>>
Subject: US 27 Alternative Study - From KY 1247 to Education Way in Lincoln County

Attached is a planning study for the US 27 Alternative Study - From KY 1247 to Education Way in Lincoln County. Comments are needed by September 30, 2017.

Ronald T. Price
Office of the Commissioner
Kentucky Department for Environmental Protection
300 Sower Blvd.
Frankfort, KY 40601
(502) 782-6739
(502) 564-4245 (fax)

From: [Hill, William \(EEC\)](#)
To: [Poore, John \(EEC\)](#); [Hughes, Larry \(EEC\)](#); [Webb, April \(EEC\)](#); [Anderson, Danny J \(EEC\)](#); [Livingstone, Bennett \(EEC\)](#)
Cc: [Maybriar, Jon \(EEC\)](#); [Winner, Edward J \(EEC\)](#); [Hubbard, Tim \(EEC\)](#); [Fink, Kris K \(EEC\)](#); [Melton, Ken \(EEC\)](#)
Subject: RE: Comments on US 27 Planning Study Lincoln County
Date: Thursday, September 14, 2017 10:07:18 AM
Attachments: [image001.png](#)

Open Dump sites AI 72696 and 109790 were remediated in 2012. AI 105496 is a DOW site. The work activity log associated with the last inspection indicates that the site was closed 9-23-09.

From: Poore, John (EEC)
Sent: Wednesday, September 13, 2017 2:17 PM
To: Hughes, Larry (EEC) <Larry.Hughes@ky.gov>; Webb, April (EEC) <April.Webb@ky.gov>; Anderson, Danny J (EEC) <Danny.Anderson@ky.gov>; Livingstone, Bennett (EEC) <bennett.livingstone@ky.gov>; Hill, William (EEC) <william.hill@ky.gov>
Cc: Maybriar, Jon (EEC) <Jon.Maybriar@ky.gov>; Winner, Edward J (EEC) <Edward.Winner@ky.gov>; Hubbard, Tim (EEC) <Tim.Hubbard@ky.gov>; Fink, Kris K (EEC) <Kris.Fink@ky.gov>; Melton, Ken (EEC) <Ken.Melton@ky.gov>
Subject: Comments on US 27 Planning Study Lincoln County

I have attached a copy of the above referenced study information from the Transportation Cabinet and would like any comments you have from your respective branches. Please let me know about any known UST, Haz-waste, Superfund, RLA or Landfill sites or other impacts to the study area shown on the map with any comments. If you could get back to me with your comments by Wednesday, September 27 it would be greatly appreciated. Please let me know if you have any questions. Thanks!

John

John Poore, P.E., P.G.

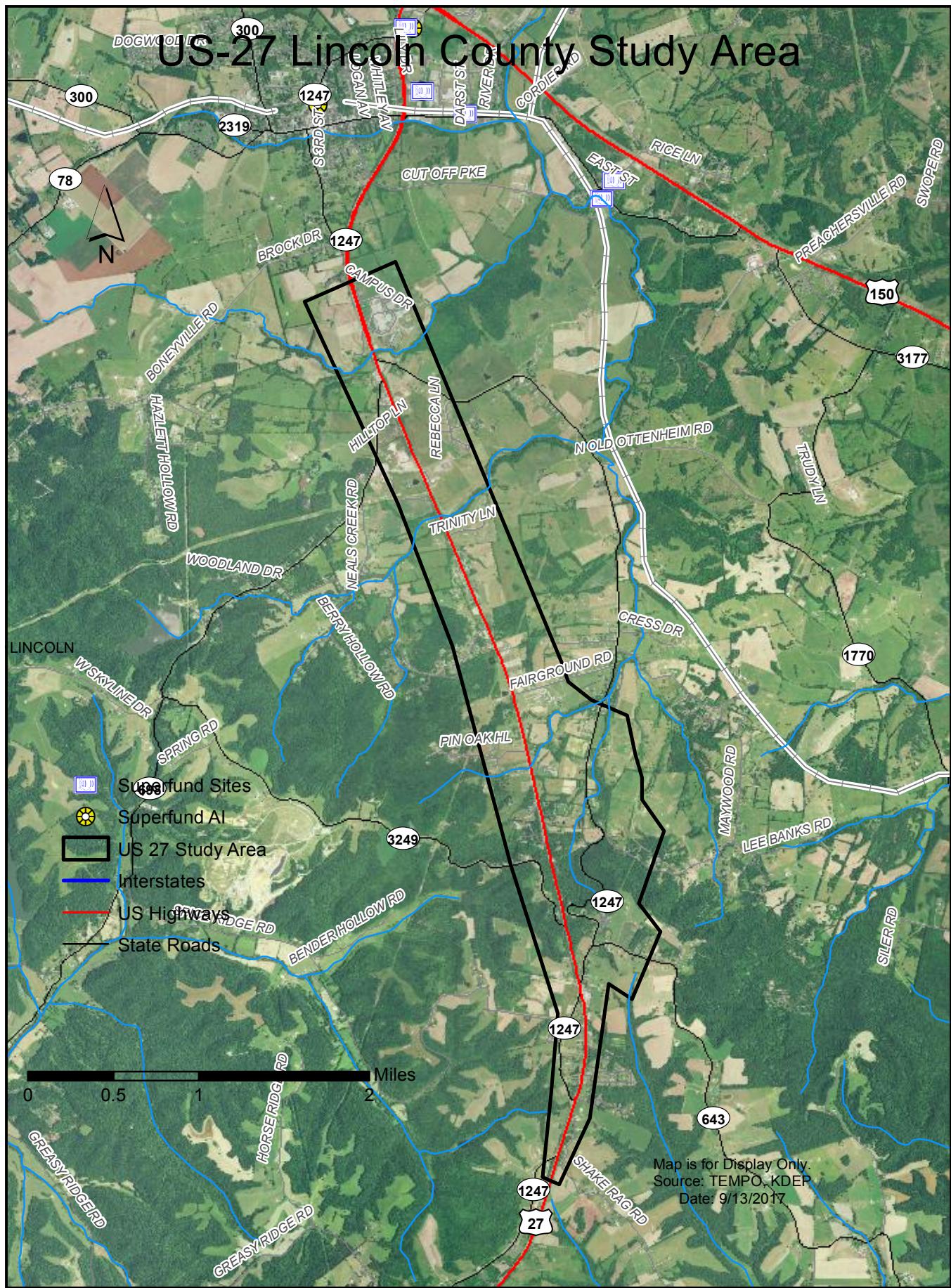
Environmental Engineer Consultant

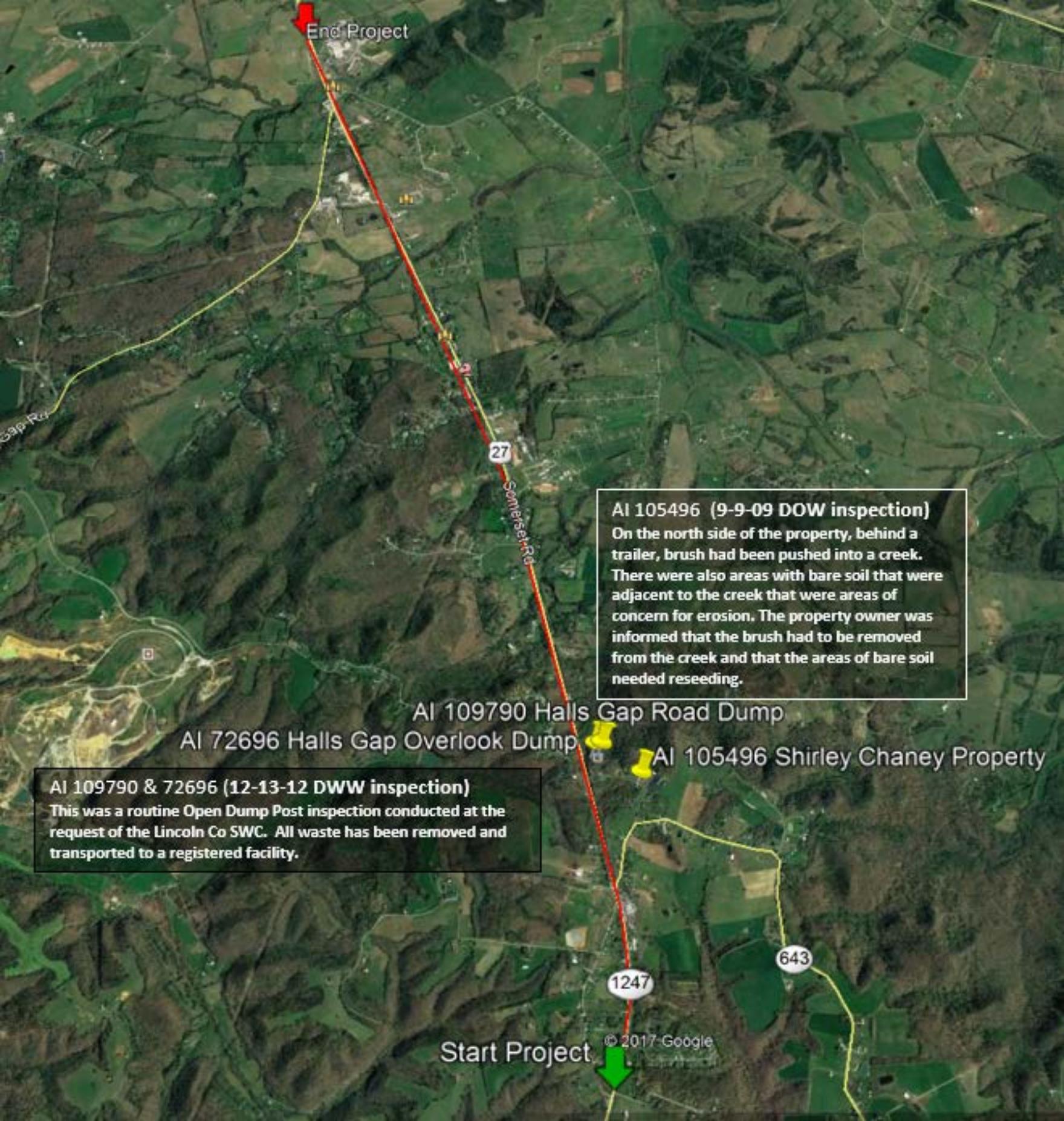
Director's Office

KY Division of Waste Management

Phone: (502) 782-6736 direct or (502) 564-6716

[<mailto:john.poore@ky.gov>](mailto:john.poore@ky.gov)







Larry D. Hughes, P.G.
EEC DWM Superfund Branch
Geologist-Registered Branch Mgr.



(502) 782-6661 Work

(502) 330-5260 Mobile

Larry.Hughes@ky.gov

300 Sower Blvd. 2nd Floor

Frankfort, KY 40601

<http://waste.ky.gov/SFB>

From: [Nelson, Byron \(EEC\)](#)
To: [Pelfrey, Mikael B \(KYTC\)](#)
Subject: US 27 Alternatives project
Date: Friday, September 22, 2017 1:52:31 PM
Attachments: [image001.jpg](#)

Mr. Pelfrey,

I have been asked to look at the US 27 potential improvement area for potential forest resource concerns. Myself and our Chief Forester, Robert Bean looked at area involved, from KY 1247 to Education Way, in Lincoln County. We found no forest resources of significant importance along the US 27 corridor that would be effected. There are no State Big trees, no Historically significant trees and we have no Stewardship Forests in the study area.

If we can be of further assistance contact our Campbellsville office 270-465-5071.

Byron L. Nelson

Regional Forester
Central Region
Kentucky Division of Forestry
1-800-866-1007
270-465-5071



MATTHEW G. BEVIN
GOVERNOR



CHARLES G. SNAVELY
SECRETARY

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

ALLEN LUTTRELL
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601
TELEPHONE: 502-564-6940
TELEFAX: 502-564-4245

Mikael Pelfrey, P.E.
Kentucky Transportation Cabinet
Division of Planning
200 Mero Street
5th Floor West
Frankfort, Ky 40622

Dear Mr. Pelfrey:

Subject: US 27 Alternative Study from KY 1247 to Education Way
Item No. 8-167.00

As requested, the Division of Conservation has reviewed the planning study to determine the potential impacts of improvements along US 27 from KY 1247 to Education Way in Lincoln County. We would like to provide the following comments that may be helpful in the initial scoping process.

There are no PACE, (Purchase of Agricultural Conservation Easements) or established agricultural districts within or near the study area of the proposed roadway project.

One concern we would like to comment on is the control of erosion and sedimentation if any proposed improvements proceed to construction phase. We recommend Best Management Practices, BMP's, be utilized to prevent nonpoint source water pollution. This would protect the water quality and aquatic habitat of any perennial or intermittent streams construction activities could impact.

We appreciate the opportunity to comment on this study and if you have any questions, please contact this office anytime.

Sincerely

Kimberly Richardson

Kimberly Richardson, Director
Kentucky Division of Conservation

KDR/MD/cc

Ryan F. Quarles
Commissioner



Corporate Drive
Complex
Frankfort, KY 40601
(502) 573-0282

Kentucky Department of Agriculture

September 6, 2017

Reference:
Kentucky Transportation Cabinet
US 27 27 Alternatives Study
From KY 1247 to Education Way
Lincoln County
Item No. 8-167.00

Elizabeth,

Researching the above referenced request from the "Transportation Cabinet", I can identify no PACE properties that might be impacted by the proposed improvements on US 27 from KY 1247 to Education Way in Lincoln County.

We currently have 1 PACE property in Lincoln County:

Blue Heron Knob Farm, LLC
4844 Knob Lick Road
Stanford, KY 40484

I have attached the supporting map used for location & comparison.

A handwritten signature in black ink that reads "Richard Nolen".

Richard Nolen

US 27 WIDENING PROJECT (LINCOLN COUNTY)

Prepared By: Officer First Class Matthew Hutt #4291 (KSP-CVE Region 5)

The proposed widening project for US 27 in Lincoln County is a much needed project. There are several issues in this area and I have included them below:

1. The problem with the average speed being 48 mph is due to several farms being in the area and there being farm implements on the roadway. This is also due to several people being frightened to drive the roadway and therefore going below the speed limit which in my opinion is extremely dangerous especially in the night time hours. A four lane road would decrease collisions.
2. The northbound portion of Halls Gap Hill needs to have another lane due to people passing on a double yellow into the oncoming two southbound lanes, the problem with this is the rock wall on this side but is much needed.
3. The high number of rear end collisions I feel is due largely to people traveling slow and then deciding to turn on a moments notice.
4. There is an extremely high volume of traffic on this roadway and a 2 lane road is not allowing traffic to flow the way it should be thus causing people to pass when they should not be and people following too closely thus causing a high number of collisions.
5. There are several businesses, churches and residences on this roadway as well and the high traffic volume does not allow for safe conditions to exit/enter these places.
6. There are 3 schools on the last portion of the proposed expansion on the north side, during student drop off/pick up the traffic volume is extremely high and I have responded to numerous collisions due to this traffic volume (although a majority is driver error), but a good deal of these collisions would be avoided if there were 4 lanes rather than 2.

RECEIVED

SEP 21 2017

Div. of Planning

In conclusion, I feel this expansion is greatly needed and upon speaking with many people in the community they agree completely. The only thing people in the community are concerned with is losing portions of their property.



Officer First Class M. Hutt #4291

KSP-CVE Region 5

859-699-5876

Matthew.hutt@ky.gov

Commonwealth of Kentucky

HOUSE OF REPRESENTATIVES

STATE REPRESENTATIVE
80TH LEGISLATIVE DISTRICT
P.O. Box 121
Stanford, KY 40484



CAPITOL ANNEX
Room 370
Frankfort, KY 40601
502-564-2217
David.Meade@lrc.ky.gov

DAVID MEADE
Majority Caucus Chair

September 8, 2017

Mr. Mikael Pelfrey, P.E.
Kentucky Transportation Cabinet
Division of Planning
200 Mero Street, 5th Floor West
Frankfort, Kentucky 40622

RE: US 27 Alternatives Study
From KY 1247 to Education Way
Lincoln County
Item No. 8-167.00

Dear Mr. Pelfrey:

I am in full support of the project mentioned above. I feel that it will improve safety issues that are known in this area, and help with traffic. Once complete, these improvements will provide for a more efficient connection from Somerset to Lexington.

Please let me know if I can provide any more information.

Sincerely,

A handwritten signature in black ink that reads "David R. Meade".

David Meade
State Representative
Majority Caucus Chairman

DM/kb

RECEIVED

SEP 12 2017

Div. of Planning