

## APPENDIX H:

### Resource Agency Coordination



COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET

transportation.ky.gov

Andy Beshear  
GOVERNOR

Jim Gray  
SECRETARY

Please see attached mailing list for recipients of this letter

July 14, 2021

«Mailing\_Title» «First\_Name» «Last\_Name»

«Title»

«Organization»

«Address1»

«Address2»

«City», «State» «Zip»

Dear «Letter\_Title» «Last\_Name»:

Subject: Owensboro Outer Loop Feasibility Study  
Daviess County, Owensboro, Kentucky  
KYTC Item No. 2-402.00

The Kentucky Transportation Cabinet (KYTC) with assistance from the consulting firm HMB Professional Engineers, Inc. and the Owensboro Metropolitan Planning Organization (MPO) / Green River Area Development District (GRADD) has assembled a study team to evaluate the feasibility of an “outer loop” around Owensboro in Daviess, County, Kentucky. As part of the study, options for connectivity will be identified and evaluated through examination of roadway characteristics, traffic patterns, crashes, and community concerns in the study area for the most feasible corridors. This study will identify costs and impacts associated with several options. **No Build is an option considered throughout as feasibility and need are considered during the study.**

**We are requesting your agency’s valuable input and comments on this study as part of the KYTC planning process. Additional study details are discussed below or can be found in a StoryMap format at <https://arcg.is/1KPec9>.**

The goal of this study is to identify and evaluate the feasibility of a new route that would connect US 60/231 east of Owensboro with alternative tie-in points west of Owensboro. The study will consider feasible corridor locations and assess the benefits and costs of each concept.

- 2045 traffic volumes were calculated using the updated Owensboro MPO Travel Demand Model. Annual Average Daily Traffic (AADT) in the study area ranges from 190 vehicles per day (vpd) to 45,400 vpd. Along the three conceptual corridors (See maps in attached pdf), 2045 traffic was modeled and ranged from:
  - Green Corridor: Range of 340 vpd to 11,800 vpd with an average of 2,400 vpd
  - Blue Corridor: Range of 240 vpd to 11,800 vpd with an average of 2,300 vpd
  - Red Corridor: Range of 120 vpd to 16,300 vpd for the Red corridor with an average of 8,500 vpd

2045 Level of Service (LOS) was also evaluated for the study area roadways. LOS is rated A through F, with A being the least congested (free-flow conditions) and F being the worst (gridlock). Most of the study area showed adequate LOS of C or better for the No Build scenario, except for US 60 which was mostly LOS E and F between KY 2698 and KY 54. KY 54 showed LOS D and E. KY 54 also showed LOS F in 2045, but this may have been an anomaly due to modeling methodologies.

- Based on August 2017 through August 2020 crash records, 5,652 crashes were reported within the study limits. A large portion of the crashes occurred along the northern border of the study area near US 60 and the major roadways connecting to US 60. Major hotspots include US 431 and KY 54, as well as US 231 near US 60. Collisions included 15 fatal, 700 injury, and 4,937 property damage only (PDO) crashes. The crashes were 29% rear ends, 22% single vehicle, 16% angle, 15% backing, 13% sideswipe, and 5% other. The project team was provided with a Critical Crash Rate Factor (CCRF) evaluation for the county's segments and is based on crash data from 2014-2018. A CCRF greater than 1.0 indicates crashes may be occurring more often than can be attributed to random occurrence. There were several roadway segments with CRF's over 1.0, and some were 2.0 or greater. The roadways over 2.0 include US 431, KY 1389, and KY 405, and Salem Drive. (See maps depicting crash information in the attached pdfs)
- Additionally, methodologies based on the *AASHTO Highway Safety Manual* (HSM) procedures were utilized. Excess Expected Crashes (EEC) is based on a crash prediction model estimating the number of expected crashes on a roadway segment of a certain type and length. If the EEC is positive, it indicates more crashes have occurred than expected in the segment. EECs are broken down by either KA or BCO crash severity groups as categorized by the US DOT. These are K-Fatal Injury, A-Serious Injury, B-Minor Injury, C-Possible Injury, and O-Property Damage Only. There are several study area segments with positive EECs. The highest EEC's are along US 60 between US 431 and the northeastern portion of the study area.

The planning study includes a process for the identification of potential connectivity options (if determined to be feasible), environmental issues, and impacts related to the identified options. Any negative impacts associated with the potential options may be mitigated through early identification of pertinent issues or concerns. As a part of this study, an environmental overview was developed with existing conditions mapping information. The results of the overview are summarized for your use in an attached exhibit.

The following project information is enclosed for your review and comment:

- Study Area
- 2045 Traffic
- 2045 Level of Service (LOS)
- Crash Distribution Heat Map
- CCRF Map
- EEC Maps (CO Crashes; KAB Crashes)
- Environmental Overview – Water Resources

July 13, 2021

- Environmental Overview – Hazardous Materials/Pollution

**We are asking that you provide the following information:**

- Comments on the draft goals and objectives for the study.
- Significant issues or concerns in the study area that may need to be addressed so that a project can be adequately scoped.
- Any conservation or development plans your agency or organization has ongoing or is aware of in the study area.
- Locations of any known areas, issues, or resources within the study area that should be considered when analyzing improvement concepts so that the impacts may be minimized or avoided early in the process (if an option is determined feasible).
- Any mitigation strategies that should be considered if there is future project development.

We respectfully ask that you provide us with your comments by **August 6, 2021**, to ensure timely progress in this planning effort. We appreciate any input you can provide concerning this study. Please direct any comments, questions, or requests for additional information to the following:

Beth Niemann, P.E.  
Kentucky Transportation Cabinet  
Division of Planning  
200 Mero Street, 5th Floor West  
Frankfort, KY 40622  
[Elizabeth.Niemann@ky.gov](mailto:Elizabeth.Niemann@ky.gov)

Please include a return address on such correspondence. Thank you in advance for your response.

Sincerely,



Mikael Pelfrey, P.E.  
Director  
Division of Planning

MP/BN/BC

Enclosures



Mr. Russ	Mr. Meyer	Commissioner	Kentucky Department of Parks	Mayo-Underwood Building - 5th Floor	500 Mero Street	Frankfort	KY	40601
Dr. David	Pollack	Director	Kentucky Archaeological Survey	34 Cherry Hall	1906 College Heights Blvd. #11086	Frankfort	KY	42101-1086
Mr. Mark	Day	Chairperson	Kentuckians for Better Transportation	8000 Lyndon Centre Way Suite 101		Louisville	KY	40222
Mr. Ryan	Oppgaard	Membership & Event Coordinator	Kentuckians for Better Transportation	8000 Lyndon Centre Way Suite 101		Louisville	KY	40222
Mr. Burt	Lauderdale	Executive Director	Kentuckians for the Commonwealth	105 Reams Street	P.O. Box 1450	London	KY	40343
Mr. Troy	Hearn	Health Program Administrator	Cabinet for Health and Family Services	275 East Main St		Frankfort	KY	40621
Mr. Randall	Royer	Acting Administrator	Kentucky Airport Zoning Commission	200 Mero Street		Frankfort	KY	40601
Mr. Jim	Henderson	Executive Director	Kentucky Association of Counties	400 Englewood Drive		Frankfort	KY	40601
Ms. Ashli	Watts	President	Kentucky Chamber of Commerce Executives, Inc.	454 Chenault Road		Frankfort	KY	40601
Mr. Ryan	Quarles	Commissioner	Kentucky Department of Agriculture	105A Corporate Drive		Frankfort	KY	40601
Mr. Anthony	Hatton	Commissioner	Kentucky Department for Environmental Protection	300 Sower Boulevard, 2nd Floor		Frankfort	KY	40601
Mr. Rich	Storm	Commissioner	Kentucky Department of Fish and Wildlife Resources	#1 Sportsman's Lane		Frankfort	KY	40601
Mr. Gordon	Stone	Commissioner	Kentucky Department for Natural Resources	300 Sower Boulevard, 2nd Floor		Frankfort	KY	40601
Ms. Paulette	Akers	Director	Kentucky Department of Natural Resources, Division	300 Sower Boulevard, 2nd Floor		Frankfort	KY	40601
Colonel	Burnett	Acting Commissioner	Kentucky State Police	919 Versailles Road		Frankfort	KY	40601
Ms. Courtney	Skaggs	Acting Director	Division of Mine Reclamation and Enforcement	300 Sower Boulevard, 2nd Floor		Frankfort	KY	40601
Ms. Melissa	Duff	Director	Kentucky Division for Air Quality	300 Sower Boulevard, 2nd Floor		Frankfort	KY	40601
Mr. Brandon	Howard	Director	Kentucky Division of Forestry	627 Comanche Trail		Frankfort	KY	40601
Major	Day	Director	KSP Commercial Vehicle Enforcement Division	919 Versailles Road		Frankfort	KY	40622
VACANT	VACANT	Director	DEP Division of Waste Management	300 Sower Boulevard, 2nd Floor		Frankfort	KY	40601
Mr. Miller	Miller	Director	DEP Division of Water	300 Sower Boulevard, 3rd Floor		Frankfort	KY	40601
Mr. Hayes	Hayes	Interim Secretary	Kentucky Cabinet for Economic Development	Old Capitol Annex	300 West Broadway	Frankfort	KY	40601
Ms. Judith	Clabes	Editor	Kentucky Forward	644 Braddock Court		Edgewood	KY	41017
Mr. Bill	Haneberg	State Geologist & Director	Kentucky Geological Survey, University of Kentucky	228 Mining and Mineral Resources Building	504 Rose Street	Lexington	KY	40506
Mr. Craig	Polts	State Historic Preservation Officer	Kentucky Heritage Council	410 High Street		Frankfort	KY	40601
Mr. Scott	Alvey	Executive Director	Kentucky Historical Society	100 West Broadway		Frankfort	KY	40601
Mr. Matthew	Tackitt	President/CEO	Kentucky Association for Economic Development	101 Burch Court		Frankfort	KY	40601
Mr. James	Chaney	Executive Director/CEO	Kentucky League of Cities, Inc.	100 East Vine Street, Suite 800		Lexington	KY	40507
Mr. Rick	Taylor	President/CEO	Kentucky Motor Transport Association	P.O. Box 818		Frankfort	KY	40601
Ms. Rebecca	Goodman	Secretary	Kentucky Energy and Environmental Cabinet	300 Sower Boulevard, 3rd Floor		Frankfort	KY	40601
Mr. Zub	Waese	Executive Director	Kentucky State Nature Preserves Commission	300 Sower Boulevard, 4th Floor		Frankfort	KY	40601
Mr. Eric	Peretz	Executive Director	Kentucky Office of Transportation Delivery	Transportation Office Building, 3rd Floor	200 Mero Street	Frankfort	KY	40622
Mr. Beecher	Hudson	CEO	Kentucky Public Transit Association	1134 South Preston St		Louisville	KY	40203
Mr. Hank	Phillips	President/CEO	Kentucky Travel Industry Association	931 East Main Street		Frankfort	KY	40601
Mr. Mike	Berry	Secretary	Tourism, Arts and Heritage Cabinet	100 Airport Road, 2nd Floor		Frankfort	KY	40601
Hon. Lt. Gov.	Coleman	Lieutenant Governor and Secretary	Kentucky Education and Workforce Development	500 Mero Street		Frankfort	KY	40601
Mr. David	Plemister	State Director	The Nature Conservancy - Kentucky Chapter	114 Woodland Avenue		Lexington	KY	40502
Ms. Eddie	Wooten	Executive Director	Scenic Kentucky		P.O. Box 23317	Louisville	KY	40223-0317
Ms. Cynthia	Fox	Staff Assistant	Kentucky Commission on Human Rights	332 West Broadway, Suite 1400		Louisville	KY	40202
Mr. Wright	Wright	President/CEO	Owensboro Riverport	P.O. Box 21955	1771 River Road	Owensboro	KY	42304-1955
Ms. Natalie	Kajumba	Acting Chief of NEPA Program Office	Office of Environmental Accountability	US EPA, Region 4	61 Forsyth Street, SW	Atlanta	GA	30303
Mr. Tommy	Dupree	Acting District Office Manager	Memphis Airports District Office, Federal Aviation	2600 Thousand Oaks Blvd., Suite 2250		Memphis	TN	38118
Brig. Gen.	Lamberton	Adjutant General	Department of Military Affairs	Boone National Guard Center	100 Minuteman Parkway	Frankfort	KY	40601
Dr. William	Straw	Regional Environmental Officer	Federal Emergency Management Agency, Region IV	3003 Chamblee Tucker Road		Atlanta	GA	30341
Mr. Greg	Stone	Acting State Conservationist	U.S. Dept. of Agriculture, Natural Resources	771 Corporate Drive, Suite 210		Lexington	KY	40503
Ms. April	Weaver	Regional Director	U.S. Dept. of Health & Human Serv., Region IV, Atlanta Federal Center	61 Forsyth Street, Room 5B95		Atlanta	GA	30303-8909
Mr. Lee	Andrews	Field Supervisor	U.S. Fish & Wildlife Service, Kentucky Ecological Services Field Section	330 West Broadway, Room 265		Frankfort	KY	40601
Mr. Eric	Washburn	Bridge Administrator	U.S. Coast Guard, Eighth District Western Rivers Bridge Branch	1222 Spruce Street, Suite 2, 102D		St. Louis	MO	63103
Mr. Peter	Jackson	Field Office Director	U.S. Department of Housing & Urban Development, KY Louisville Field Office	601 West Broadway, Room 110		Louisville	KY	40202
Ms. Linda	Goodman	Kentucky Division Administrator	Federal Motor Carrier Safety Administration	330 West Broadway Room 124		Frankfort	KY	40601
Dr. Yvette	Taylor	Regional Administrator	Federal Transit Administration, Region IV	230 Peachtree Street NW, Suite 800		Atlanta	GA	30303
Mr. David	Baldridge	CELRL OP-FS Regulatory Branch	U.S. Army Corps of Engineers, Louisville District	P.O. Box 59		Louisville	KY	40201
The Honorable	Congressman Bratt	United States Representative - District 1	U.S. House of Representatives	308 Cannon House Office Building		Washington	DC	20515
Mr. Tony	Reck	Chairman & CEO	Paducah and Louisville Railway	200 Clark Street		Paducah	KY	42003-1701
Mr. Tom	Garrett	President	Paducah and Louisville Railway	200 Clark Street		Paducah	KY	42003-1701
Mr. Troy	Greasy	Public Projects Department	C-SX Transportation					
Mr. Dorek	Sublette	Government Relations Manager	Norfolk Southern Corporation	101 West Ohio Street, Suite 2000		Indianapolis	IN	46204
Mr. Brian	Wright	Port Director	Owensboro Riverport Authority	P.O. Box 21955		Owensboro	KY	42304
Ms. Judy	Lyons	Chapter Chair	Sierra Club	P.O. Box 1368		Lexington	KY	40588-1368
Mr. Chris	Spear	President	American Trucking Associations	950 North Glebe Road, Suite 210		Arlington	VA	22203

**From:** [Niemann, Elizabeth A \(KYTC\)](#)  
**To:** [Lindsay Walker](#)  
**Cc:** [De Witte, Stephen G \(KYTC\)](#)  
**Subject:** FW: Owensboro Outer Loop Feasibility study No2-402.00  
**Date:** Tuesday, July 20, 2021 10:06:53 AM

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Lindsay,

Our first response from the Resource Agency mailing! See below...

Beth Niemann, P.E.  
Kentucky Transportation Cabinet  
Division of Planning  
200 Mero Street, 5<sup>th</sup> Floor West  
Frankfort, KY 40622  
Phone: (502) 782-5083

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**From:** Royer, Randall S (KYTC) <Randall.Royer@ky.gov>  
**Sent:** Tuesday, July 20, 2021 9:09 AM  
**To:** Niemann, Elizabeth A (KYTC) <Elizabeth.Niemann@ky.gov>; Pelfrey, Mikael B (KYTC) <Mikael.Pelfrey@ky.gov>  
**Subject:** Owensboro Outer Loop Feasibility study No2-402.00

The Airport Zoning Commission only regulates structures 200 or over. Unless you are close to an airport then the height goes down the closer you get to the airport. I do not see anything in this study that is regulated by the Airport Zoning Commission. If for some reason you need to use a crane to build a bridge we can issue you a temporary permit for the use of the crane.

**Randall S. Royer, Executive Director**  
**Office of Audits**  
**Transportation Cabinet**  
**200 Mero Street, 4th floor**  
**Frankfort, KY 40622**  
**502-782-4043**

The information contained in this email is **CONFIDENTIAL**;. If you receive this message in error, please do not read it, notify the sender and then delete the message. Email [Randall.Royer@ky.gov](mailto:Randall.Royer@ky.gov)



**ANDY BESHEAR**  
GOVERNOR

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

**MICHAEL E. BERRY**  
SECRETARY

**JACQUELINE COLEMAN**  
LT. GOVERNOR

410 HIGH STREET  
FRANKFORT, KENTUCKY 40601  
(502) 564-7005  
[www.heritage.ky.gov](http://www.heritage.ky.gov)

**CRAIG A. POTTS**  
EXECUTIVE DIRECTOR &  
STATE HISTORIC  
PRESERVATION OFFICER

July 22, 2021

Beth Niemann, P.E.  
Kentucky Transportation Cabinet  
Division of Planning  
200 Mero Street, 5<sup>th</sup> Floor West  
Frankfort, Kentucky 40622

**Re: Owensboro Outer Loop Feasibility Study, Daviess County, Owensboro, Kentucky**  
**KYTC Item No. 2-402**

Dear Ms. Niemann,

Thank you for your recent submission of information pertaining to the above referenced planning study. We appreciate you reaching out to this agency to seek our comments during the planning phase of this project. Based on the information provided, there are few comments we can provide that may be of help to you until there is a more specifically defined Area of Potential Effect (APE) other than to let you know that there is the potential for the presence of cultural resources within the proposed study area.

While we can provide no specific comment at this time, you might consider obtaining the results of preliminary or full records reviews from the Kentucky Heritage Council (KHC) for above ground cultural resources and the Office of State Archaeology (OSA) for archaeological resources. Detailed information on how to obtain those data can be found on our webpage at: <https://heritage.ky.gov/compliance/Pages/general-application.aspx>.

We look forward to continued conversations during the planning stages of this project, and consultation with KYTC in accordance with our existing Programmatic Agreement should the project move forward with development. Should you have any questions, please contact Nicole Konkol of my staff at [nicole.konkol@ky.gov](mailto:nicole.konkol@ky.gov).

Sincerely,

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

CP:nk  
KHC# 62293



An Equal Opportunity Employer

**From:** [Niemann, Elizabeth A \(KYTC\)](#)  
**To:** [Lindsay Walker](#)  
**Subject:** FW: KYTC Item #2-402.00  
**Date:** Thursday, August 5, 2021 10:54:23 AM

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Another response to our resource agency mailing. See below.

Thanks,

Beth Niemann, P.E.  
Kentucky Transportation Cabinet  
Division of Planning  
200 Mero Street, 5<sup>th</sup> Floor West  
Frankfort, KY 40622  
Phone: (502) 782-5083

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**From:** Hines, Martina (EEC) <Martina.Hines@ky.gov>  
**Sent:** Tuesday, August 3, 2021 10:53 AM  
**To:** Niemann, Elizabeth A (KYTC) <Elizabeth.Niemann@ky.gov>  
**Subject:** KYTC Item #2-402.00

Thank you for the opportunity to comment on the proposed bypass around Owensboro (KYTC Item #2-402.00)

Regarding this project, we have the following comment:

Wetlands within the Panther Creek watershed, particularly those within the Jackson Flats should be avoided. These forested and open wetlands include a variety of high quality natural communities ranging from bottomland hardwood forest to marsh and open swamp that are critical habitats. Please let me know if we can provide additional info or if you have any other questions.

Sincerely,

Martina Hines  
Biological Assessment Branch Manager, Ecologist  
Office of Kentucky Nature Preserves  
300 Sower Blvd.  
Frankfort, KY 40601

Cell: 502.382.6521





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

**Andy Beshear**  
Governor

#1 Sportsman's Lane  
Frankfort, Kentucky 40601  
Phone (502) 564-3400  
Fax (502) 564-0506

**Mike Berry**  
Secretary

**Rich Storm**  
Commissioner

August 2, 2021

Kentucky Transportation Cabinet  
Division of Planning  
Attn: Beth Niemann, P. E.  
200 Mero Street, 5<sup>th</sup> Floor West  
Frankfort, KY 40622

RE: Owensboro Outer Loop Feasibility Study  
Daviess County, Owensboro, Kentucky  
KYTC Item No. 2-402

Dear Ms. Niemann:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for review of the subject project. The Kentucky Fish and Wildlife Information System indicates that federally and state listed species are known to occur near the proposed project site (Please see attached table). Our database system is a dynamic one that only represents our current knowledge of various species distributions.

The KDFWR asks that you coordinate any tree removal activities with the U.S. Fish and Wildlife Service Kentucky Field Office (502-695-0468). The USFWS may have seasonal requirements for removing trees, especially those greater than 3" diameter-at-breast height (dbh). Removing these trees during the winter months would reduce possible direct impacts to tree-roosting bat species.

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.

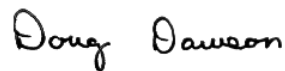


- If culverts are used, the culvert should be designed to allow the passage of aquatic organisms.
- Culverts should be designed so that degradation upstream and downstream of the culvert does not occur.
- Development/excavation during low flow period to minimize disturbances.
- Proper placement of erosion 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.

To minimize indirect impacts to the aquatic environment, the KDFWR recommends that erosion control measures be developed and implemented prior to any construction to reduce siltation into waterways and karst areas located within the project area. Such erosion control measures may include, but are not limited to silt fences, staked straw bales, brush barriers, sediment basins, and diversion ditches. Erosion control measures will need to be installed prior to construction and should be inspected and repaired regularly as needed.

I hope this information is helpful to you, if you have questions or require additional information, please call me at 502-892-4472.

Sincerely,

A handwritten signature in black ink that reads "Doug Dawson". The signature is written in a cursive, slightly slanted style.

Doug Dawson  
Environmental Section Chief





ANDY BESHEAR  
GOVERNOR

REBECCA W. GOODMAN  
SECRETARY

GORDON R. SLONE  
COMMISSIONER

## ENERGY AND ENVIRONMENT CABINET DEPARTMENT FOR NATURAL RESOURCES

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

August 05, 2021

Beth Niemann, P.E.  
Kentucky Transportation Cabinet  
Division of Planning  
200 Mero Street, 5<sup>th</sup> Floor West  
Frankfort, KY 40622  
[Elizabeth.Niemann@ky.gov](mailto:Elizabeth.Niemann@ky.gov)

**Subject: Owensboro Outer Loop Feasibility Study, Daviess County-Owensboro, Kentucky (KYTC Item No. 02-402.00)**

As requested, the Division of Conservation has reviewed the feasibility study to evaluate a new corridor connecting US 60/231 east of Owensboro with alternative tie-in locations west of Owensboro. We would like to provide the following comments that may be helpful for this early evaluation process.

In Daviess County, there are two certified agricultural districts located within the outer loop study area, 030-01 and 030-02. These districts were created to conserve, protect, and enhance agricultural land for the production of food and other agricultural products. Agricultural district 030-01 contains one parcel adjacent to KY 1554 and three parcels between Green River and KY 1554. Agricultural district 030-02 has three parcels located adjacent to the southern boundary of the Owensboro-Daviess County Regional Airport, along Carter Road, Fisher Road, and KY 81. (Attached with this letter are ArcMap shape files indicating locations)

Currently, there are no PACE (Purchase of Agricultural Conservation Easements) properties within the outer loop study area.

After reviewing the three preliminary corridors, it appears the green corridor could affect existing agricultural district 030-01 along KY 1554.

This Division supports the need for enhanced mobility that provides a safer and more efficient connection between east and west portions of Owensboro. However, we are also concerned with the loss of farmland, both prime farmland and farmland of statewide importance, so vital to our state's agricultural economy.



Ms. Niemann, P.E.

August 05, 2021

Page 2

Under KRS 262.850 Section (12) it states: "It shall be the policy of all state agencies to support the formation of agricultural districts as a means of preserving Kentucky's farmlands and to mitigate the impact of their present and future plans and programs upon the continued agricultural use of land within an agricultural district".

One other concern we would like to comment on is the control of erosion and sedimentation if any of the three proposed corridors proceed to the construction phase. We recommend Best Management Practices, BMP's, be utilized to prevent nonpoint source water pollution. This would help protect the water quality and aquatic habitat of any perennial or intermittent streams affected within chosen corridor.

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

Sincerely,

A handwritten signature in black ink that reads "Paulette Akers". The signature is written in a cursive, flowing style.

Paulette Akers, Director  
Kentucky Division of Conservation

PA/MD

Attachments

**From:** [Pelfrey, Mikael B \(KYTC\)](#)  
**To:** [Lindsay Walker](#); [Brad Johnson](#)  
**Cc:** [Niemann, Elizabeth A \(KYTC\)](#)  
**Subject:** FW: Owensboro Outer Loop Feasibility Study; KYTC Item 2-402.00  
**Date:** Thursday, July 29, 2021 3:47:24 PM

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Since Beth is away this week I'm FWd'ing the response below.

Thanks,

**Mikael B. Pelfrey, P.E.**

Director  
Kentucky Transportation Cabinet  
Division of Planning

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**From:** Kull, Steve J (EEC) <Steve.Kull@ky.gov>  
**Sent:** Thursday, July 29, 2021 3:03 PM  
**To:** Niemann, Elizabeth A (KYTC) <Elizabeth.Niemann@ky.gov>; Pelfrey, Mikael B (KYTC) <Mikael.Pelfrey@ky.gov>  
**Cc:** Howard, Brandon K (EEC) <brandon.howard@ky.gov>; Abernathy, Bridget M (EEC) <bridget.abernathy@ky.gov>  
**Subject:** Owensboro Outer Loop Feasibility Study; KYTC Item 2-402.00

On behalf of Director Howard

The Division of Forestry has reviewed the Owensboro Outer Loop Feasibility Study request of July 13, 2021. While the division does not have a property interest in this area we would recommend any alternative taken follow Owensboro's Code of Ordinances as it pertains to trees. Division 3: Trees and Other Landscape Materials of this ordinance addresses tree planting, removal, replacement, maintenance and other tree-related municipal rules.

Please contact us if you have any questions.

Sincerely;  
Steven Kull

**Steven J. Kull**

Assistant Director  
Kentucky Division of Forestry  
300 Sower Blvd.  
Frankfort, KY 40601  
(502) 782-7167  
[Steve.kull@ky.gov](mailto:Steve.kull@ky.gov)

*Active Living (Non-motorized travel)  
Health Impact Assessment*

**Owensboro  
Davies County  
Pedestrian & Bicycle Travel  
Owensboro Outer Loop Feasibility Study**

Prepared for:



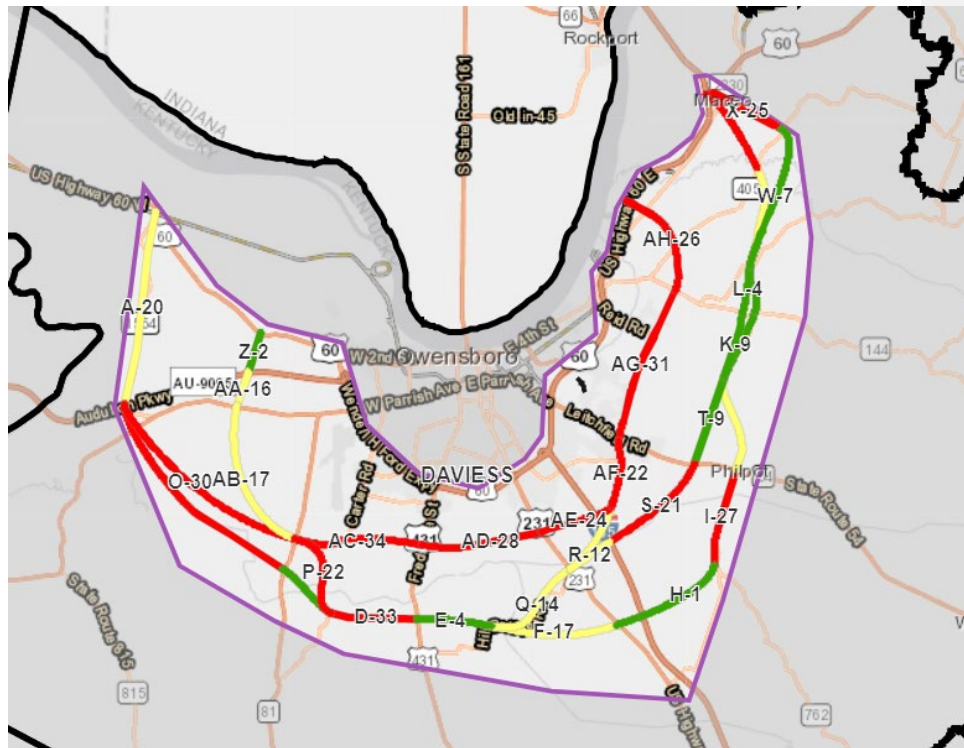
**Kentucky Public Health**  
Prevent. Promote. Protect.

Prepared by:

**Troy Hearn  
Division of Prevention and Quality Improvement  
Kentucky Department for Public Health  
August 12, 2021**

### Project Overview:

This project is to identify and evaluate the feasibility and effects of a new route (outer loop) that would connect US-60 & US-231 east of Owensboro with alternative route connection points west of Owensboro. The study will consider multiple locations, and the benefits, considerations, or issues with each concept.



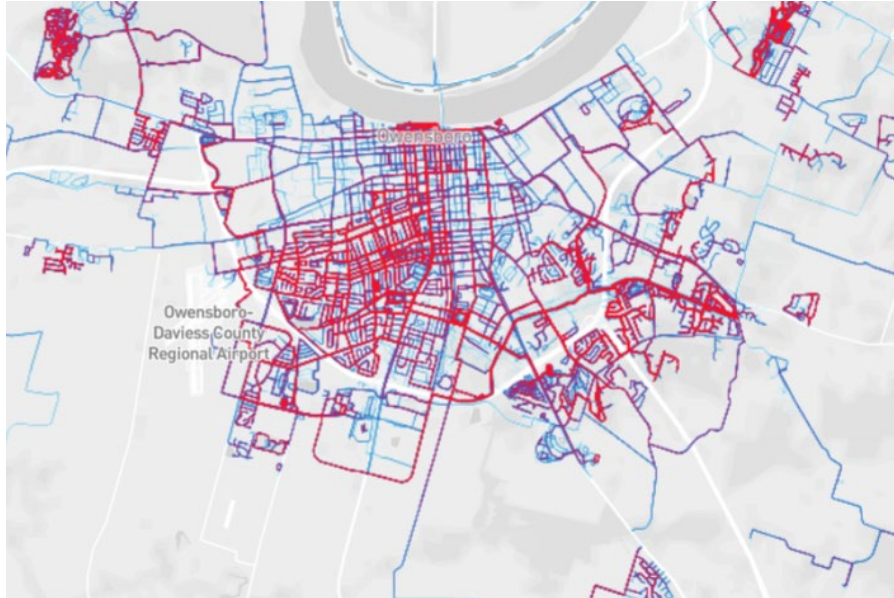
Project limits

### Local/Regional Planning & Current Activities:

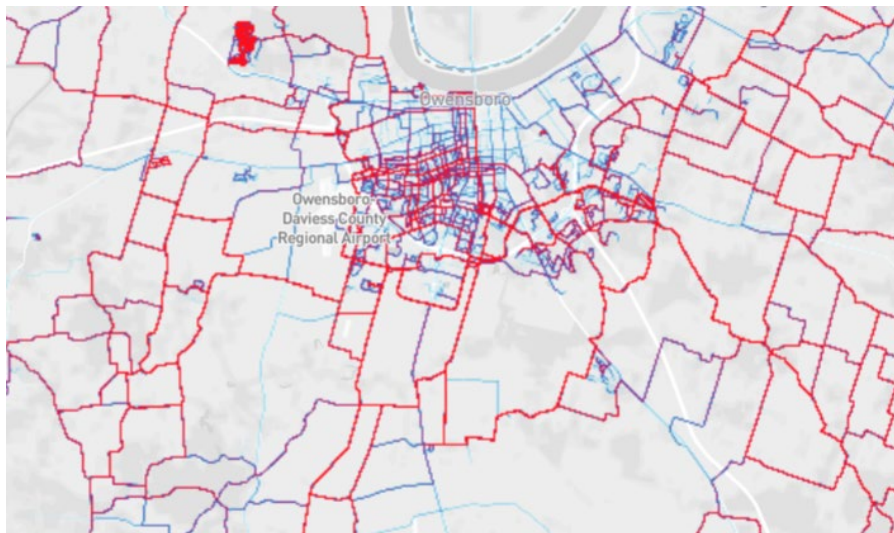
- The City of Owensboro does have a current pedestrian and bicycle master plan
  - a. Pedestrian and Bicycle Master Plan information: [https://www.gradd.com/wp-content/uploads/dlm\\_uploads/2019/02/2018\\_bike\\_ped\\_plan.pdf](https://www.gradd.com/wp-content/uploads/dlm_uploads/2019/02/2018_bike_ped_plan.pdf)
- Strava Heat Maps for pedestrian and bicycle activity
  - a. Pedestrian activity shows low-mid range activity within project area (see Figure 1)
  - b. Bicycle activity shows low range activity within the project area (see figure 2)

Commented [KA(D1)]: Space added





Strava Heat Map for Pedestrian Activity / <https://www.strava.com/heatmap#13.66/-85.73438/38.19564/bluered/run> (Figure 1 )



Strava Heat Map for Bicycle Activity / <https://www.strava.com/heatmap#13.66/-85.73438/38.19564/bluered/ride> (Figure 2 )

### The active living/health equity recommendation:

*Walking and bicycling are great ways to incorporate physical activity with everyday active-living. Physical activity is needed to obtain maximum health benefits. Walking does not require any special skills. It also does not require a gym membership or expensive equipment. A single bout of moderate-to-vigorous physical activity can improve sleep, memory, and the ability to think and learn. It also reduces anxiety symptoms.*

*Heart disease and stroke are two of the leading causes of death in the United States. Following the physical activity recommendations, and getting at least 150 minutes a week of moderate-intensity aerobic activity can put you at a lower risk for these diseases. You can reduce your risk even further with more physical activity. Regular physical activity can also lower your blood pressure and improve your cholesterol levels.*

### Project comments:

- The KY Department for Public Health hopes that the project evaluation will include the considerations and benefits of a non-motorized facilities to be incorporated with this project: to include, but not limited to social connectedness, transportation equity, and social health benefits.
- The KY Department for Public Health hopes the project area (if and when finalized) will not adversely affect at risk populations or minority or low income residential areas. The negative effects being related to large high speed/high volume roadways cutting off access and or accommodation to public spaces (parks or other green spaces), schools, or other logical termini for non-motorized travel.
- The KY Department for Public Health desires the consideration of non-motorized facilities within the project area; as detailed in the [Owensboro non-motorized travel plan](#), and the [KY Transportation Pedestrian and Bicycle Travel Policy](#). The State Physical Activity and Nutrition (SPAN) Program works with communities to create, improve, or update local level walk/bike travel master plans through funding received by the Centers for Disease Control and Prevention (CDC). The consideration and inclusion of elements included in these plans is the ultimate goal of the 'Active Living' program with the SPAN group. "Collaboration with partners to improve or build non-motorized facilities that connect to everyday destinations; thus providing accommodation safe places/spaces for physical activity."
- The locations within the study area for the considerations of non-motorized facility improvements or new construction is detailed in both the local walk/bike master plan, and in the consideration details in the KY Pedestrian and Bicycle Travel Policy:
  - a. **Pedestrian and bicycle facilities in urban areas:**  
The KY Transportation Cabinet (KYTC) will consider facilities if the roadway project meets one or more of the following criteria:
    1. A facility already exists on the current roadway.

**Commented [AKN(D2)]:** Completely agree. However, maybe we can include accessible activities?

**Commented [AKN(D3)]:** So we are funding part of this project (when finalized)? Very interesting – would love more information on this.

**Commented [KA(D4)]:** "C"

**Commented [KA(D5)]:** Added (KYTC)

2. The recommended roadway cross section is urban (curb and gutter).
3. Project limits are adjacent to an existing residential, commercial, industrial, institutional, public or semi-public use area or adjacent to an area planned to develop one of these uses within the next 20 years. Planned development may be determined by zoning designations, a local comprehensive plan, or the public-involvement process.
4. A state locally, or regionally adopted pedestrian/bicycle network or policy has designated improvements in the area of the specific roadway project or for that classification of roadway.
5. A KYTC Small Urban Transportation Study has specific pedestrian/bicycle improvements recommended for the roadway project.
6. Pedestrian/bicycle traffic exists along the current roadway: This may be determined by the observation of pedestrian traffic or by the public-involvement process.
7. Public interest in and demand for pedestrian/bicycle facilities are determined at the planning and preliminary engineering public-involvement stages
8. KYTC project-level decisions will complement local pedestrian/bicycle plans to the maximum reasonable extent.
9. KYTC project-level decisions will evaluate future connections to close gaps in parallel connectivity between projects and developed areas/community destinations or existing facilities within 300 feet beyond normal project limits within existing publicly owned rights of way.
10. KYTC project-level decisions will evaluate future connections to close gaps in perpendicular connectivity to developed areas/community destinations or existing facilities within 100 feet of the roadway edge of pavement within existing publicly owned rights of way. KYTC project-level decisions will consider pedestrian access to existing and planned transit stops.

Commented [KA(D6)]: . added

b. Pedestrian and bicycle facilities in rural areas:

1. Pedestrian/bicycle traffic exists along the current roadway: This may be determined by the observation or documentation of non-motorized traffic, or by the public-involvement process.
2. Project limits are adjacent to planned or anticipated development of residential subdivisions, commercial, industrial, institutional, public or semi-public use area, or other projects within the next 20 years necessitating pedestrian connectivity. Planned development may be determined by zoning designations from a local comprehensive land use plan, interviews with local political and economic leaders to gauge anticipated growth in the project area, or the public-involvement process.
3. A state, locally or regionally adopted pedestrian/bicycle network or policy has designated improvements in the area of the specific roadway project or for that classification of roadway.
4. Gaps in connectivity exist between two or more developed areas/community destinations currently separated by no more than 1.5 miles.

5. Public interest in and demand for pedestrian/bicycle facilities are determined at the planning and preliminary engineering public-involvement stages.

Commented [KA(D7)]: Changed font to keep it consistent

Commented [KA(D8)]: . added

- If and when the determination of non-motorized facilities is done: refer to the American Association of State Highway Transportation Officials (AASHTO), the National Association of City Transportation Officials (NACTO), the [Federal Highway Bicycle and Pedestrian resource guides](#), and KYTC design guidance for the implementation to the maximum extent practicable.

#### The data needed for evaluation:

- KY Transportation Cabinet Pedestrian and Bicycle Travel policy: <https://transportation.ky.gov/BikeWalk/Documents/KYTC%20Pedestrian%20and%20Bicycle%20Travel%20Policy%20%202002.pdf>
- KY Transportation Cabinet active highway map: <https://maps.kytc.ky.gov/activehighwayplan/>
- KY Transportation Cabinet Pedestrian Comfort Index: <https://transportation.ky.gov/BikeWalk/Documents/Metadata%20Page%20PCI%202019.pdf>
- KY Transportation Cabinet Bicycle Comfort Index: <https://transportation.ky.gov/BikeWalk/Documents/BCI%20Metadata%20Page%20Updated%202018.pdf>
- CDC website for recommended daily physical activity: <https://www.cdc.gov/physicalactivity/walking/index.htm> & <https://www.cdc.gov/physicalactivity/basics/pa-health/index.htm>





**DEPARTMENT OF THE ARMY**  
**U.S. ARMY CORPS OF ENGINEERS, LOUISVILLE DISTRICT**  
**600 DR. MARTIN LUTHER KING JR PL**  
**LOUISVILLE, KY 40202**

August 23, 2021

Regulatory Division  
South Branch  
ID No. LRL-2021-651-ncc

Ms. Beth Niemann  
Kentucky Transportation Cabinet  
Division of Planning  
200 Mero Street, 5<sup>th</sup> Floor West  
Frankfort, Kentucky 40622

Dear Ms. Niemann:

This is in response to your correspondence, dated July 13, 2021, concerning a request for comments on a feasibility study of a proposed "outer loop" around Owensboro, Daviess County, Kentucky.

The U.S. Army Corps of Engineers (USACE) exercises regulatory authority under Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and Section 404 of the Clean Water Act, 1972 (33 USC 1344) for certain activities in "waters of the United States (U.S.)." These waters include all waters that are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce. "Waters of the U.S." include hydrologically connected lakes, rivers, and stream channels exhibiting an Ordinary High Water Mark (OHWM); wetlands; sloughs; and wet meadows and wetlands adjacent to "waters of the U.S."

Based on the information provided by you in the above-referenced request, it appears a Department of the Army (DA) Permit may be required. The mapping you provided shows proposed work in or near what appears to be "waters of the U.S." These waters include unnamed tributaries and adjacent wetlands to Panther Creek, North Fork Panther Creek, South Fork Panther Creek, Shoemaker Branch, Wolf Branch Ditch, Horse Fork, Vance Ditch, and numerous others. If the project would necessitate the discharge of dredged or fill material into any "waters of the U.S." including wetlands, then you should submit a DA permit application for review by this office. We will need a completed DA permit application along with additional details regarding the project's design, scope, construction methods, purpose, and a delineation of all "waters of the U.S.," including the coordinates and locations of each "water" within the proposed project area and all impacts to waters (linear feet, width, and acreage).

You are reminded that all drawings must be submitted on 8½ x 11-inch paper and be of reproducible quality, and if possible, please also submit the information in electronic format by contacting us at the information provided below to have a link sent to you for uploading documents

(please note we cannot accept thumb drives).

Our comments on this project are limited to only those effects which may fall within our area of jurisdiction and thus do not obviate the need to obtain other permits from State or local agencies.

Further information on the Regulatory Program, including the DA Permit application, can be obtained from our website at <http://www.lrl.usace.army.mil/Missions/Regulatory.aspx>. Please allow sufficient time in your preconstruction schedule for the processing of a DA permit application.

Your request has been assigned ID No. LRL-2021-651-ncc. Please reference this number on all correspondence pertaining to this project. Please contact us by writing to the District Regulatory Office at the above address, ATTN: CELRL-RDS, or contact Ms. Norma Condra directly at (502) 315-6680 or [norma.c.condra@usace.army.mil](mailto:norma.c.condra@usace.army.mil).

Sincerely,

David Baldrige  
Chief, South Branch  
Regulatory Division



ANDY BESHEAR  
GOVERNOR

REBECCA W. GOODMAN  
SECRETARY

ANTHONY R. HATTON  
COMMISSIONER

**ENERGY AND ENVIRONMENT CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

300 SOWER BOULEVARD  
FRANKFORT, KENTUCKY 40601  
TELEPHONE: 502-564-2150  
TELEFAX: 502-564-4245

September 7, 2021

KYTC  
Division of Planning  
200 Mero St, 5<sup>th</sup> Fl W  
Frankfort, KY 40622

Re: Owensboro Outer Loop Feasibility Study, KYTC Item No 2-402.00--SERO 2021-29

Dear Sir or Madam,

The Energy and Environment Cabinet serves as the state clearinghouse for review of environmental documents generated pursuant to the National Environmental Policy Act (NEPA). Within the Cabinet, the Commissioner's Office in the Department for Environmental Protection coordinates the review for Kentucky state agencies. We received your letter requesting an environmental review for this project. We have reviewed the document and provided comments below.

**Division of Water**

**Water Quality Branch:**

Best management practices should be utilized to reduce runoff from project construction activities into nearby waters. Questions should be directed to Andrea Fredenburg, Water Quality Branch, (502) 782-6950, [Andrea.Fredenburg@ky.gov](mailto:Andrea.Fredenburg@ky.gov).

**Water Resources Branch:**

In accordance with Kentucky Revised Statute 151.250(1), the construction, reconstruction, relocation or improvement of any dam, embankment, levee, dike, bridge, fill or other obstruction across or along any stream, or in the floodway of any stream constructed by the Department of Highways is exempt from the permitting or approval by the Kentucky DOW. Questions should be directed to Shawn Hokanson, Floodplain Management Section, (502) 782-6977, [Shawn.Hokanson@ky.gov](mailto:Shawn.Hokanson@ky.gov).

A Clean Water Act Section 401 Water Quality Certification from the DOW is required for this project. The 401 Water Quality Certification offers the following comments on the proposed project: (1) there are three mitigation sites within the study area, (2) several streams within the study area are impaired, and (3) several streams within the study area are full support for aquatic

life. Questions should be directed to Samantha Vogeler, Water Quality Certification Section, (502) 782-6995, [Samantha.Vogeler@ky.gov](mailto:Samantha.Vogeler@ky.gov).

#### **Watershed Management:**

This proposed project is within the Owensboro Municipal Utilities designated Wellhead Protection Areas (WHPA) Zone 1 (180 day Time of Travel), Zone 2 (10 year Time of Travel) or Zone 3 (Hydrologic Boundary). Questions should be directed to Chloe Brantley, Water Supply Section, (502) 782-6898, [Chloe.Brantley@ky.gov](mailto:Chloe.Brantley@ky.gov).

The proposed work is endorsed by the Groundwater Section of the Watershed Management Branch. However, there are domestic groundwater water well users in the vicinity of the proposed work. 401 KAR 6:310 provides minimum standards and requirements for construction, modification, and abandonment of water supply wells. 401 and KAR 6:320 provides for the certification of water well drillers, including the requirements for examination, application, and disciplinary action. It is our recommendation that site be made aware of the requirements of 401 KAR 5:037 and the need to develop a Groundwater Protection Plan (GPP) for the protection of groundwater resources within that area. Questions should be directed to Adam Nolte, Groundwater Section, (502) 782-1312, [Adam.Nolte@ky.gov](mailto:Adam.Nolte@ky.gov) or Kurtis Spears, Groundwater Section, (502) 782-7119, [Kurtis.Spears@ky.gov](mailto:Kurtis.Spears@ky.gov).

#### **Surface Water Permits Branch:**

If the construction area disturbed is equal to or greater than 1 acre, the applicant will need to apply for a Kentucky Pollutant Discharge Elimination System (KPDES) stormwater discharge permit. Questions should be directed to the Permit Support Section, (502) 564-3410, [SWPBsupport@ky.gov](mailto:SWPBsupport@ky.gov).

### **Division of Waste Management**

Based on the information provided by the applicant for this project:

UST Branch records indicate the following underground storage tank site issues identified within the project impact area:

#### **Active Sites:**

**North Hangar Complex**  
**MASTER AI ID:** 47789  
**LONGITUDE:** -  
87.166389  
**LATITUDE:** 37.75

**Bon Harbor Hills Co Inc**  
**MASTER AI ID:** 62419  
**LONGITUDE:** -  
87.166093  
**LATITUDE:** 37.775398

**Quality Quick No 8**  
**MASTER AI ID:** 62360  
**LONGITUDE:** -87.12326  
**LATITUDE:** 37.726182

**Modern Transportation Company**  
**MASTER AI ID:** 62376  
**LONGITUDE:** -87.1758  
**LATITUDE:** 37.7488

**Quality Quick #12**  
**MASTER AI ID:** 62358  
**LONGITUDE:** -  
87.165889  
**LATITUDE:** 37.775972

**V Eagles**  
**MASTER AI ID:** 62367  
**LONGITUDE:** -86.9849  
**LATITUDE:** 37.8615



**Murphy Oil USA Inc  
7213**  
**MASTER AI ID:** 71393  
**LONGITUDE:** -  
87.061475  
**LATITUDE:** 37.754181

**Jumpin Jacks 412**  
**MASTER AI ID:** 81349  
**LONGITUDE:** -  
87.03955556  
**LATITUDE:**  
37.81688889

**Caseys General Store  
#3240**  
**MASTER AI ID:** 116280  
**LONGITUDE:** -87.13  
**LATITUDE:** 37.7222

**Hucks #374**  
**MASTER AI ID:** 111634  
**LONGITUDE:** -  
87.074274  
**LATITUDE:** 37.760008

**Eagles II**  
**MASTER AI ID:** 62426  
**LONGITUDE:** -  
87.245556  
**LATITUDE:** 37.818889

**Five Star #7500**  
**MASTER AI ID:** 134676  
**LONGITUDE:** -  
87.090744  
**LATITUDE:** 37.734113

**Kentucky Konvenience**  
**MASTER AI ID:** 62398  
**LONGITUDE:** -  
87.127006  
**LATITUDE:** 37.722915

**Sams Club 4908**  
**MASTER AI ID:** 70771  
**LONGITUDE:** -  
87.128397  
**LATITUDE:** 37.715397

**Five Star #7520**  
**MASTER AI ID:** 135420  
**LONGITUDE:** -87.15442  
**LATITUDE:** 37.75544

**Kroger Fuel L-718**  
**MASTER AI ID:** 4869  
**LONGITUDE:** -87.1506  
**LATITUDE:** 37.7555

**Five Star #7530**  
**MASTER AI ID:** 137406  
**LONGITUDE:** -  
87.050883  
**LATITUDE:** 37.751365

**Sterett Construction**  
**MASTER AI ID:** 62336  
**LONGITUDE:** -  
87.180599  
**LATITUDE:** 37.779106

**Jumpin Jacks No 417**  
**MASTER AI ID:** 62392  
**LONGITUDE:** -87.068  
**LATITUDE:** 37.756028

**Even Steven**  
**MASTER AI ID:** 62334  
**LONGITUDE:** -  
87.232089  
**LATITUDE:** 37.757437

**Circle K #3354**  
**MASTER AI ID:** 960  
**LONGITUDE:** -  
87.004444  
**LATITUDE:** 37.736389

**QQ Food Mart**  
**MASTER AI ID:** 62410  
**LONGITUDE:** -  
87.041356  
**LATITUDE:** 37.743842

**Country Cupboard #205**  
**MASTER AI ID:** 62425  
**LONGITUDE:** -87.12097  
**LATITUDE:** 37.731349

**Masonville Food Mart**  
**MASTER AI ID:** 66561  
**LONGITUDE:** -  
87.053278  
**LATITUDE:** 37.689

**Midamerica Jet Inc**  
**MASTER AI ID:** 47415  
**LONGITUDE:** -  
87.166667  
**LATITUDE:** 37.733333

**Meijer Gas Station #288**  
**MASTER AI ID:** 125859  
**LONGITUDE:** -  
87.073997  
**LATITUDE:** 37.758086

**Circle K #3353**  
**MASTER AI ID:** 62313  
**LONGITUDE:** -  
87.026171  
**LATITUDE:** 37.801306

**Fast Fuel**  
**MASTER AI ID:** 70362  
**LONGITUDE:** -  
87.028708  
**LATITUDE:** 37.800985

**Hucks #373**  
**MASTER AI ID:** 119365  
**LONGITUDE:** -  
87.142573  
**LATITUDE:** 37.722753  
Closed Sites:

**Daviess Co State  
Maintenance Garage**  
**MASTER AI ID:** 918  
**LONGITUDE:** -  
87.062765  
**LATITUDE:** 37.744123

**Coca Cola Bottling Co**  
**MASTER AI ID:** 934  
**LONGITUDE:** -87.1225  
**LATITUDE:** 37.722778

**Owensboro Landfill**  
**MASTER AI ID:** 941  
**LONGITUDE:** -  
87.077778  
**LATITUDE:** 37.681667

**Owensboro Municipal  
Utilities**  
**MASTER AI ID:** 943  
**LONGITUDE:** -  
87.136675  
**LATITUDE:** 37.732489

**Southern States  
Cooperative Inc**  
**MASTER AI ID:** 955  
**LONGITUDE:** -  
87.146944  
**LATITUDE:** 37.738889

**Owensboro Daviess Co  
Airport**  
**MASTER AI ID:** 4865  
**LONGITUDE:** -  
87.162778  
**LATITUDE:** 37.75

**Clark Restaurant  
Services & CRS Frozen  
Foods**  
**MASTER AI ID:** 12182  
**LONGITUDE:** -  
87.155833  
**LATITUDE:** 37.734722

**Mullican Feed Mill Inc**  
**MASTER AI ID:** 37842  
**LONGITUDE:** -87.244  
**LATITUDE:** 37.823028

**Miles Farms LLC**  
**MASTER AI ID:** 43522  
**LONGITUDE:** -  
87.159734  
**LATITUDE:** 37.708893

**Wyndalls Fuel Center 08**  
**MASTER AI ID:** 43928  
**LONGITUDE:** -  
87.0598644  
**LATITUDE:**  
37.75139719

**Apollo High School**  
**MASTER AI ID:** 44518  
**LONGITUDE:** -  
87.144588  
**LATITUDE:** 37.731641

**Tire Recycling Co Plant**  
**MASTER AI ID:** 46369  
**LONGITUDE:** -87.0201  
**LATITUDE:** 37.835

**Doug Brantley  
Excavating**  
**MASTER AI ID:** 47421  
**LONGITUDE:** -  
86.977633  
**LATITUDE:** 37.803113

**Former Sears Roebuck  
No 2950**  
**MASTER AI ID:** 47445  
**LONGITUDE:** -  
87.127932  
**LATITUDE:** 37.719129

**Wal-Mart Supercenter  
3363**  
**MASTER AI ID:** 49798  
**LONGITUDE:** -  
87.060682  
**LATITUDE:** 37.757242

**Farmers Korner Market**  
**MASTER AI ID:** 51705  
**LONGITUDE:** -  
86.968931  
**LATITUDE:** 37.852887

**Green Coal Co**  
**MASTER AI ID:** 53204  
**LONGITUDE:** -  
87.042032  
**LATITUDE:** 37.813771

**Winn Construction Co  
Inc**  
**MASTER AI ID:** 58768  
**LONGITUDE:** -87.0586  
**LATITUDE:** 37.7429

**Whitehall Furniture  
LLC**  
**MASTER AI ID:** 62323  
**LONGITUDE:** -  
87.130243  
**LATITUDE:** 37.677931

**Villa Point Shell**  
**MASTER AI ID:** 62320  
**LONGITUDE:** -  
87.061251  
**LATITUDE:** 37.753639

**Pantry No 677**  
**MASTER AI ID:** 62346  
**LONGITUDE:** -  
87.15220213  
**LATITUDE:**  
37.73315221

**Paul L Holloway**  
**MASTER AI ID:** 62351  
**LONGITUDE:** -  
86.996709  
**LATITUDE:** 37.859499

**Petroleum Location Bp**  
**MASTER AI ID:** 62352  
**LONGITUDE:** -  
87.176046  
**LATITUDE:** 37.746821

**Ralphs**  
**MASTER AI ID:** 62365  
**LONGITUDE:** -  
87.0279514  
**LATITUDE:** 37.6687901

**R A Alexander & Sons  
Inc**  
**MASTER AI ID:** 62363  
**LONGITUDE:** -  
87.131111  
**LATITUDE:** 37.678611

**Mcdonalds Shell**  
**MASTER AI ID:** 62374  
**LONGITUDE:** -  
86.983959  
**LATITUDE:** 37.73307

**Maceo Market**  
**MASTER AI ID:** 62366  
**LONGITUDE:** -  
86.99255705  
**LATITUDE:** 37.863402

**Lifetime Companion  
LLC**  
**MASTER AI ID:** 62383  
**LONGITUDE:** -  
87.065339  
**LATITUDE:** 37.753992

**Michael Roberts**  
**Property**  
**MASTER AI ID:** 62385  
**LONGITUDE:** -86.9972  
**LATITUDE:** 37.8632

**Jims Bait & Sporting  
Goods**  
**MASTER AI ID:** 62386  
**LONGITUDE:** -  
87.181123  
**LATITUDE:** 37.719922

**Even Steven Market**  
**MASTER AI ID:** 62391  
**LONGITUDE:** -  
87.190399  
**LATITUDE:** 37.678421

**Larrys Little Giant**  
**MASTER AI ID:** 62401  
**LONGITUDE:** -  
87.031172  
**LATITUDE:** 37.787447

**Former 144**  
**MASTER AI ID:** 62407  
**LONGITUDE:** -  
87.028074  
**LATITUDE:** 37.801405

**Fosters Grocery**  
**MASTER AI ID:** 62408  
**LONGITUDE:** -86.9915  
**LATITUDE:** 37.733306

**Former Hagan & Sons**  
**MASTER AI ID:** 62415  
**LONGITUDE:** -87.0625  
**LATITUDE:** 37.755

**Norman Hayden & Sons  
Inc**  
**MASTER AI ID:** 63913  
**LONGITUDE:** -  
87.220678  
**LATITUDE:** 37.698186

**Holland Dairy Foods**  
**MASTER AI ID:** 64372  
**LONGITUDE:** -  
87.070921  
**LATITUDE:** 37.762608

**Beanland Farms Inc**  
**MASTER AI ID:** 64420  
**LONGITUDE:** -87.11913  
**LATITUDE:** 37.669953

**Thruston Philpot Fire  
Dept**  
**MASTER AI ID:** 64538  
**LONGITUDE:** -  
87.031556  
**LATITUDE:** 37.770944

**Daviess Co Public  
Schools Bus Garage**  
**MASTER AI ID:** 64609  
**LONGITUDE:** -  
87.135385  
**LATITUDE:** 37.725549

**Daviess Co High School**  
**MASTER AI ID:** 64610  
**LONGITUDE:** -87.08481  
**LATITUDE:** 37.729837

**Gipe Automotive East**  
**MASTER AI ID:** 64640  
**LONGITUDE:** -  
87.163933  
**LATITUDE:** 37.766474

**Former Marvins Market  
1**  
**MASTER AI ID:** 64676  
**LONGITUDE:** -87.2462  
**LATITUDE:** 37.8194

**Anna Lee Stevenson  
Property**  
**MASTER AI ID:** 64928  
**LONGITUDE:** -87.2469  
**LATITUDE:** 37.8219

**Owensboro Sav**  
**MASTER AI ID:** 65117  
**LONGITUDE:** -  
87.112622  
**LATITUDE:** 37.725379

**Construction Machinery Corp**  
**MASTER AI ID:** 65175  
**LONGITUDE:** -  
87.074173  
**LATITUDE:** 37.760169

**Dixie Pavers**  
**MASTER AI ID:** 65521  
**LONGITUDE:** -  
87.060257  
**LATITUDE:** 37.743501

**Green Coal Co**  
**MASTER AI ID:** 65564  
**LONGITUDE:** -  
87.162671  
**LATITUDE:** 37.763461

**Har Ken Oil Co**  
**MASTER AI ID:** 65586  
**LONGITUDE:** -  
87.176744  
**LATITUDE:** 37.743001

**Former Angelos Pizza**  
**MASTER AI ID:** 65593  
**LONGITUDE:** -87.06146  
**LATITUDE:** 37.771235

**Bellsouth Owensboro**  
**MASTER AI ID:** 65771  
**LONGITUDE:** -  
87.120982  
**LATITUDE:** 37.723352

**Kaye L Spear Property**  
**MASTER AI ID:** 65964  
**LONGITUDE:** -  
86.979686  
**LATITUDE:** 37.821987

**Gerald Head Property (Sorgo Drugs)**  
**MASTER AI ID:** 66031  
**LONGITUDE:** -  
87.246648  
**LATITUDE:** 37.753234

**S&K Air Power Tool & Supply**  
**MASTER AI ID:** 66146  
**LONGITUDE:** -87.17611  
**LATITUDE:** 37.746729

**Petroleum Location BP**  
**MASTER AI ID:** 66149  
**LONGITUDE:** -  
87.011814  
**LATITUDE:** 37.750802

**Petroleum Location BP**  
**MASTER AI ID:** 66150  
**LONGITUDE:** -  
87.244593  
**LATITUDE:** 37.823028

**Petroleum Location BP**  
**MASTER AI ID:** 66151  
**LONGITUDE:** -87.0498  
**LATITUDE:** 37.689007

**Service Station 219 D BP 455**  
**MASTER AI ID:** 66166  
**LONGITUDE:** -87.06097  
**LATITUDE:** 37.754

**Bullfrog North**  
**MASTER AI ID:** 66419  
**LONGITUDE:** -87.16356  
**LATITUDE:** 37.74662

**Speedway SuperAmerica LLC 212 5528**  
**MASTER AI ID:** 66662  
**LONGITUDE:** -  
87.047988  
**LATITUDE:** 37.757943

**Leroys Market**  
**MASTER AI ID:** 66665  
**LONGITUDE:** -  
87.061832  
**LATITUDE:** 37.698153

**Bobs Repair Service**  
**MASTER AI ID:** 66726  
**LONGITUDE:** -  
86.9826436  
**LATITUDE:** 37.732778

**Service Station 213 D BP 455**  
**MASTER AI ID:** 66928  
**LONGITUDE:** -  
87.242906  
**LATITUDE:** 37.815668

**Daviess Co Road Dept**  
**MASTER AI ID:** 67204  
**LONGITUDE:** -  
87.066521  
**LATITUDE:** 37.756007

**Pm Ag Products Inc**  
**MASTER AI ID:** 67331  
**LONGITUDE:** -  
87.042036  
**LATITUDE:** 37.813768

**Owensboro Aviation**  
**MASTER AI ID:** 67333  
**LONGITUDE:** -  
87.163502  
**LATITUDE:** 37.746674

**Laroche Industries Inc**  
**MASTER AI ID:** 67569  
**LONGITUDE:** -  
87.131216  
**LATITUDE:** 37.69915

**Crop Production Services****MASTER AI ID:** 67648**LONGITUDE:** -

87.171597

**LATITUDE:** 37.749359**Don Moore Toyota****MASTER AI ID:** 67858**LONGITUDE:** -

87.123932

**LATITUDE:** 37.730571**The Pantry 673****MASTER AI ID:** 68223**LONGITUDE:** -

87.054261

**LATITUDE:** 37.752013**Kenergy Corp -****Owensboro Operations  
Ctr****MASTER AI ID:** 68634**LONGITUDE:** -

87.061547

**LATITUDE:** 37.748643**Delmar Hardison****Property****MASTER AI ID:** 68897**LONGITUDE:** -

87.052452

**LATITUDE:** 37.688167**Delacey Farms****MASTER AI ID:** 69436**LONGITUDE:** -

87.128337

**LATITUDE:** 37.666929**Millers Mill Plaza****MASTER AI ID:** 69437**LONGITUDE:** -87.04155**LATITUDE:** 37.743652**City Of Owensboro****Hillcrest Golf****MASTER AI ID:** 69483**LONGITUDE:** -

87.077103

**LATITUDE:** 37.732237**Velvet Farms****MASTER AI ID:** 69586**LONGITUDE:** -

87.076507

**LATITUDE:** 37.723643**Mrs Robert Hardin****Property****MASTER AI ID:** 69589**LONGITUDE:** -

86.967997

**LATITUDE:** 37.799199**Former Stanley  
Elementary School****MASTER AI ID:** 69594**LONGITUDE:** -87.2475**LATITUDE:** 37.819444**J Bacon & Sons****MASTER AI ID:** 69620**LONGITUDE:** -

87.127262

**LATITUDE:** 37.720276**Roscoe Young****MASTER AI ID:** 69640**LONGITUDE:** -

87.242906

**LATITUDE:** 37.815668**Camps Country Store****MASTER AI ID:** 69892**LONGITUDE:** -86.99655**LATITUDE:** 37.697286**Franks Grocery****MASTER AI ID:** 70146**LONGITUDE:** -87.03496**LATITUDE:** 37.674818

If any UST's are encountered during the project construction they should be reported to KDWM. Any UST issues or questions should be directed to the UST Branch.

Superfund Branch records indicate the following superfund site issues identified within the project impact area:

**Smith Property****MASTER AI ID:** 53396**SUBJECT ITEM****DESIGNATION:**

Batteries

**CLOSURE OPTION****DESC:** Option C Restored**CLOSURE DATE:**

07/28/2008

**LAT LONG SOURCE:**

SI

**LONGITUDE:** -

87.007373

**LATITUDE:** 37.735324**Smith Property****MASTER AI ID:** 53396**SUBJECT ITEM****DESIGNATION:** 36824**CLOSURE OPTION****DESC:** Option C Restored**CLOSURE DATE:**

03/17/1999

**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.007061  
**LATITUDE:** 37.734781

**Owensboro Landfill**  
**MASTER AI ID:** 941  
**SUBJECT ITEM**  
**DESIGNATION:** 15355  
**CLOSURE OPTION**  
**DESC:** Referred  
**CLOSURE DATE:**  
08/28/2008  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.077778  
**LATITUDE:** 37.681667

**Curtis Alvey Property**  
**MASTER AI ID:** 53643  
**SUBJECT ITEM**  
**DESIGNATION:** 32910  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
02/06/1995  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -87.24389  
**LATITUDE:** 37.82333

**Potts Property**  
**MASTER AI ID:** 52358  
**SUBJECT ITEM**  
**DESIGNATION:** 9158  
**CLOSURE OPTION**  
**DESC:** Option A No  
Action Necessary  
**CLOSURE DATE:**  
03/26/2002  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
86.991384  
**LATITUDE:** 37.863234

**Daviess Co State**  
**Maintenance Garage**  
**MASTER AI ID:** 918  
**SUBJECT ITEM**  
**DESIGNATION:** KYTC  
92 MOA  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
04/09/2009  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.063034  
**LATITUDE:** 37.744543

**Hazelwood Property**  
**MASTER AI ID:** 117441  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
02/18/2013  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.148318  
**LATITUDE:** 37.748083

**RNA Rental Property**  
**MASTER AI ID:** 104451  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
05/27/2009  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.127716  
**LATITUDE:** 37.724135

**Wheatley Property**  
**MASTER AI ID:** 105112  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
08/05/2009  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.026572  
**LATITUDE:** 37.828166

**Ensor Cyanide Waste**  
**MASTER AI ID:** 102517  
**SUBJECT ITEM**  
**DESIGNATION:**  
Abandoned drums  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
03/16/2009  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
86.993008  
**LATITUDE:** 37.790489

**Fannie Mae Property**  
**MASTER AI ID:** 109637  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
10/11/2010  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -87.19143  
**LATITUDE:** 37.76687



**Tony Clark Property**  
**MASTER AI ID:** 111488  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
05/11/2011  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.127032  
**LATITUDE:** 37.724903

**Paulas Property**  
**MASTER AI ID:** 111245  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
04/17/2011  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.138433  
**LATITUDE:** 37.7295

**Reisz Property**  
**MASTER AI ID:** 113432  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
11/21/2011  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.118564  
**LATITUDE:** 37.728878

**Jumpin Jacks No 417**  
**MASTER AI ID:** 62392  
**SUBJECT ITEM**  
**DESIGNATION:** 47095  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
02/11/1998  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.067998  
**LATITUDE:** 37.756093

**Burke Property**  
**MASTER AI ID:** 120284  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
10/29/2013  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.032962  
**LATITUDE:** 37.828285

**RNA Rentals LLC**  
**Property**  
**MASTER AI ID:** 124297  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
12/02/2014  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.128198  
**LATITUDE:** 37.724322

**Daviess County Gun Club**  
**MASTER AI ID:** 124403  
**SUBJECT ITEM**  
**DESIGNATION:**  
Shooting Range  
**CLOSURE OPTION**  
**DESC:** Unfounded  
**CLOSURE DATE:**  
02/23/2015  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -87.00903  
**LATITUDE:** 37.83967

**Green Coal Co Panther Mine**  
**MASTER AI ID:** 65565  
**SUBJECT ITEM**  
**DESIGNATION:** 48829  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
12/28/1998  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.042061  
**LATITUDE:** 37.814052

**Seterus Inc Property**  
**MASTER AI ID:** 136013  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
02/27/2018  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.136928  
**LATITUDE:** 37.738885

**Brenner Property**  
**MASTER AI ID:** 118144  
**SUBJECT ITEM**  
**DESIGNATION:** Meth  
Lab  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
04/04/2013  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.141952  
**LATITUDE:** 37.732192

**Former Sears Roebuck**  
**No 2950**  
**MASTER AI ID:** 47445  
**SUBJECT ITEM**  
**DESIGNATION:** 35903  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
07/10/1996  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.128718  
**LATITUDE:** 37.718818

**Texas Gas - Daviess Co**  
**MASTER AI ID:** 52906  
**SUBJECT ITEM**  
**DESIGNATION:** 20254  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
11/04/1998  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.018466  
**LATITUDE:** 37.658236

**Swiftly Oil LLC Tanker**  
**Spill**  
**MASTER AI ID:** 120103  
**SUBJECT ITEM**  
**DESIGNATION:**  
Gasoline release  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
10/01/2013  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.076465  
**LATITUDE:** 37.741327

**Hucks #374**  
**MASTER AI ID:** 111634  
**SUBJECT ITEM**  
**DESIGNATION:** Closure  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
02/10/2015  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.073847  
**LATITUDE:** 37.759879

**Texas Gas - Daviess Co**  
**MASTER AI ID:** 52906  
**SUBJECT ITEM**  
**DESIGNATION:** 20253  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
11/03/1998  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -86.99639  
**LATITUDE:** 37.69778

**Farmers Korner Market**  
**MASTER AI ID:** 51705  
**SUBJECT ITEM**  
**DESIGNATION:** 52123  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
03/27/2002  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -86.96931  
**LATITUDE:** 37.85205

**Masonville MHP**  
**MASTER AI ID:** 954  
**SUBJECT ITEM**  
**DESIGNATION:** 35450  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
02/09/1995  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.052431  
**LATITUDE:** 37.688331

**Days Inn**  
**MASTER AI ID:** 52939  
**SUBJECT ITEM**  
**DESIGNATION:** 40546  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
05/20/1996  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.090051  
**LATITUDE:** 37.73372

**Green Coal Co**  
**MASTER AI ID:** 53204  
**SUBJECT ITEM**  
**DESIGNATION:** 48829  
**CLOSURE OPTION**  
**DESC:** Option C Restored  
**CLOSURE DATE:**  
12/28/1998  
**LAT LONG SOURCE:**  
SI

**LONGITUDE:** -  
87.042061  
**LATITUDE:** 37.814052  
  
**Former Orkin Facility**  
**MASTER AI ID:** 51801  
**SUBJECT ITEM**  
**DESIGNATION:** 56404  
**CLOSURE OPTION**  
**DESC:**

**CLOSURE DATE:**  
**LAT LONG SOURCE:**  
SI  
**LONGITUDE:** -  
87.120482  
**LATITUDE:** 37.731077

Any superfund issues or questions should be directed to the Superfund Branch.

Solid Waste Branch records indicate the following active or historic landfill sites within the project impact area:

**MASTER AI ID:** 941  
**MASTER AI NAME:** Owensboro Landfill  
**USER GROUP DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:** SW03000001  
**LONGITUDE:** -87.077778  
**LATITUDE:** 37.681667

**MASTER AI ID:** 941  
**MASTER AI NAME:** Owensboro Landfill  
**USER GROUP DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:** SW03000005  
**LONGITUDE:** -87.077778  
**LATITUDE:** 37.681667

The following Solid Waste Branch sites are located within the project impact area:

**MASTER AI ID:** 4857  
**MASTER AI NAME:**  
Griders Auto Salvage  
**USER GROUP**  
**DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:**  
SW03000040  
**LONGITUDE:** -87.18164  
**LATITUDE:** 37.77963

**LATITUDE:** 37.835  
  
**MASTER AI ID:** 46369  
**MASTER AI NAME:**  
Tire Recycling Co Plant  
**USER GROUP**  
**DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:**  
SW03000047  
**LONGITUDE:** -87.0201  
**LATITUDE:** 37.835

**ALTERNATE AI ID:**  
sw03000049  
**LONGITUDE:** -  
87.039625  
**LATITUDE:** 37.813072

**MASTER AI ID:** 46369  
**MASTER AI NAME:**  
Tire Recycling Co Plant  
**USER GROUP**  
**DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:**  
SW03000016  
**LONGITUDE:** -87.0201

**MASTER AI ID:** 111175  
**MASTER AI NAME:**  
Yager Materials  
**USER GROUP**  
**DESCRIPTION:**  
DWMSWB- General

**MASTER AI ID:** 43522  
**MASTER AI NAME:**  
Miles Farms LLC  
**USER GROUP**  
**DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:**  
SW03000034  
**LONGITUDE:** -  
87.159734  
**LATITUDE:** 37.708893

**MASTER AI ID:** 43519  
**MASTER AI NAME:**  
Charlotte Miller Beneficial  
Reuse Site  
**USER GROUP**  
**DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:**  
SW03000025  
**LONGITUDE:** -  
87.036258  
**LATITUDE:** 37.735238

**MASTER AI ID:** 43519  
**MASTER AI NAME:**  
Charlotte Miller Beneficial  
Reuse Site

**USER GROUP**  
**DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:**  
SW03000027  
**LONGITUDE:** -  
87.036258  
**LATITUDE:** 37.735238

**MASTER AI ID:** 941  
**MASTER AI ID:** 79404  
**MASTER AI NAME:**  
River Metals Recycling  
LLC  
**USER GROUP**  
**DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:**  
SW03000042

**LONGITUDE:** -  
87.030066  
**LATITUDE:** 37.825083

**MASTER AI ID:** 923  
**MASTER AI NAME:**  
Gavilon Grain LLC -  
Gavilon River Terminal  
Operation  
**USER GROUP**  
**DESCRIPTION:**  
DWMSWB- General  
**ALTERNATE AI ID:**  
SW03000045  
**LONGITUDE:** -  
87.022126  
**LATITUDE:** 37.840723

Any solid waste issues or questions should be directed to the Solid Waste Branch.

Hazardous Waste Branch records indicate the following hazardous waste issues identified within the project impact area:

**Metalsa SA DE CV**  
**MASTER AI ID:** 893  
**ALTERNATE AI ID:**  
KYR000018101  
**USER GROUP**  
**DESCRIPTION:** EPA ID  
Number (RCRA)  
**LONGITUDE:** -  
87.159732  
**LATITUDE:** 37.73062

**CVS Pharmacy #6264**  
**MASTER AI ID:** 47418  
**ALTERNATE AI ID:**  
KYR000019588  
**USER GROUP**  
**DESCRIPTION:** EPA ID  
Number (RCRA)  
**LONGITUDE:** -  
87.058333  
**LATITUDE:** 37.753333

**Target**  
**MASTER AI ID:** 77396  
**ALTERNATE AI ID:**  
KYR000045179  
**USER GROUP**  
**DESCRIPTION:** EPA ID  
Number (RCRA)  
**LONGITUDE:** -87.12233  
**LATITUDE:** 37.717076

**Wal-Mart Supercenter**  
**3363**  
**MASTER AI ID:** 49798  
**ALTERNATE AI ID:**  
KYR000042309  
**USER GROUP**  
**DESCRIPTION:** EPA ID  
Number (RCRA)  
**LONGITUDE:** -  
87.060682  
**LATITUDE:** 37.757242

**Lowes of Owensboro**  
**#657**  
**MASTER AI ID:** 101075  
**ALTERNATE AI ID:**  
KYR000048314  
**USER GROUP**  
**DESCRIPTION:** EPA ID  
Number (RCRA)  
**LONGITUDE:** -  
87.11991111  
**LATITUDE:**  
37.72313611

**Meijer Store # 288**  
**MASTER AI ID:** 126709  
**ALTERNATE AI ID:**  
KYR000069005  
**USER GROUP**  
**DESCRIPTION:** EPA ID  
Number (RCRA)  
**LONGITUDE:** -  
87.075056

**LATITUDE:** 37.756167

**Champion Ford Lincoln  
Mercury**

**MASTER AI ID:** 36042

**ALTERNATE AI ID:**

KYR000070763

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.114941

**LATITUDE:** 37.72036

**Kentucky BioProcessing  
Inc**

**MASTER AI ID:** 11432

**ALTERNATE AI ID:**

KYR000063446

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.156351

**LATITUDE:** 37.738047

**Nutrien Ag Solutions**

**MASTER AI ID:** 160625

**ALTERNATE AI ID:**

KYD068322858

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.161762

**LATITUDE:** 37.709292

**The Home Depot**

**MASTER AI ID:** 34185

**ALTERNATE AI ID:**

KYR000037119

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.128459

**LATITUDE:** 37.717426

**Wal-mart Supercenter**

**MASTER AI ID:** 53871

**ALTERNATE AI ID:**

KYR000041459

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.121988

**LATITUDE:** 37.719935

**Sams Club 4908**

**MASTER AI ID:** 70771

**ALTERNATE AI ID:**

KYR000043687

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.128397

**LATITUDE:** 37.715397

**Hines Precision Inc**

**MASTER AI ID:** 950

**ALTERNATE AI ID:**

KYD006516348

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.003889

**LATITUDE:** 37.734444

**River Metals Recycling  
LLC**

**MASTER AI ID:** 79404

**ALTERNATE AI ID:**

KYR000044115

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.030066

**LATITUDE:** 37.825083

**Toyotetsu Mid America  
LLC**

**MASTER AI ID:** 33683

**ALTERNATE AI ID:**

KYR000035295

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.155571

**LATITUDE:** 37.740159

**Meijer Gas Station #288**

**MASTER AI ID:** 125859

**ALTERNATE AI ID:**

KYR000068999

**USER GROUP**

**DESCRIPTION:** EPA ID  
Number (RCRA)

**LONGITUDE:** -

87.073997

**LATITUDE:** 37.758086

Any hazardous waste issues or questions should be directed to the Hazardous Waste Branch.

RLA Branch records indicate the following RLA tracked open dumps within the project impact area:

**MASTER AI ID:** 74524  
**MASTER AI NAME:**  
Sturbridge Place Dump  
**USER GROUP**  
**DESCRIPTION:** RCLA  
Dump ID  
**ALTERNATE AI ID:**  
030-005  
**LONGITUDE:** -87.0325  
**LATITUDE:** 37.7903

**MASTER AI ID:** 79907  
**MASTER AI NAME:**  
Yellow Creek Dump  
**USER GROUP**  
**DESCRIPTION:** RCLA  
Dump ID  
**ALTERNATE AI ID:**  
030-013  
**LONGITUDE:** -  
87.026389  
**LATITUDE:** 37.7875

**MASTER AI ID:** 79906  
**MASTER AI NAME:**  
Oakford Road Dump  
**USER GROUP**  
**DESCRIPTION:** RCLA  
Dump ID  
**ALTERNATE AI ID:**  
030-014  
**LONGITUDE:** -  
87.227778  
**LATITUDE:** 37.800833

**MASTER AI ID:** 80266  
**MASTER AI NAME:**  
Railroad Street Dump  
**USER GROUP**  
**DESCRIPTION:** RCLA  
Dump ID  
**ALTERNATE AI ID:**  
030-017  
**LONGITUDE:** -86.9925  
**LATITUDE:** 37.868056

**MASTER AI ID:** 46854  
**MASTER AI NAME:** W  
5th St Dump  
**USER GROUP**  
**DESCRIPTION:** RCLA  
Dump ID  
**ALTERNATE AI ID:**  
030-012  
**LONGITUDE:** -  
87.168889  
**LATITUDE:** 37.772222

**MASTER AI ID:** 81850  
**MASTER AI NAME:** KY  
144 Dump  
**USER GROUP**  
**DESCRIPTION:** RCLA  
Dump ID  
**ALTERNATE AI ID:**  
030-019  
**LONGITUDE:** -  
87.031944  
**LATITUDE:** 37.800278

Any questions or issues should be directed to the RLA Branch.

All solid waste generated by this project must be disposed of at a permitted facility.

If asbestos, lead paint and/or other contaminants are encountered during this project contact the Division of Waste Management for proper disposal and closure.

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.

### **Division for Air Quality**

**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 <https://eec.ky.gov/Environmental-Protection/Air/Documents/Fugitive%20Dust%20Fact%20Sheet.pdf>

**401 KAR 63:005** states that open burning shall be prohibited except as specifically provided. Open Burning is defined as the burning of any matter in such a manner that the products of combustion resulting from the burning are emitted directly into the outdoor atmosphere without passing through a stack or chimney. However, open burning may be utilized for the expressed purposes listed on the Open Burning Brochure located at <https://eec.ky.gov/Environmental-Protection/Air/Pages/Open-Burning.aspx>

The Division would like to offer the following suggestions on how this project can help us stay in compliance with the NAAQS. These air quality control strategies are beneficial to the health of citizens of Kentucky.

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

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

### **Kentucky Nature Preserves**

Your project might have the potential of impacting federally or state listed species and natural communities. Go to the Kentucky Biological Assessment Tool ([kynaturepreserves.org](http://kynaturepreserves.org)) to obtain a Standard Occurrence Report for information regarding listed species known within your project area. The report will also provide information on public and private conservation lands, areas of biodiversity significance, and other natural resources in your project area for which the Office of Kentucky Nature Preserves maintains data.

This review is based upon the information that was provided by the applicant. An endorsement of this project does not satisfy, or imply, the acceptance or issuance of any permits, certifications or approvals that may be required from this agency under Kentucky Revised Statutes or Kentucky Administrative Regulations. Such endorsement means this agency has found no major concerns from the review of the proposed project as presented other than those stated as conditions or comments. If you should have any questions, please contact me at (502) 782-0863 or e-mail [Louanna.Aldridge@ky.gov](mailto:Louanna.Aldridge@ky.gov).

Sincerely,



Louanna Aldridge  
Staff Assistant  
Office of the Commissioner  
Department for Environmental Protection  
Energy and Environment Cabinet