

Appendix H:

Resource Agency Coordination



TO: Mikael Pelfrey
KYTC Central Office
200 Mero Street
Frankfort, KY 40622

Carol Callan-Ramler
Co-Project Manager
KYTC District 6
421 Buttermilk Pike
Covington, KY 41017

Deanna Mills
Co-Project Manager
KYTC Central Office
200 Mero Street
Frankfort, KY 40622

FROM: Gary W. Sharpe
Senior Project Manager
Palmer Engineering

A handwritten signature in black ink that reads 'Gary W. Sharpe'.

DATE: September 18, 2018

SUBJECT: KY 1303 Turkeyfoot Road Corridor Planning Study
Resource Agency Coordination – Summary of Responses

The KYTC Division of Planning mailed packets of information regarding the project-related existing conditions and proposed short-term and long-term alternatives to the various resource agencies on July 30, 2018. A summary of the responses received from the following agencies are provided in the attached table:

- State Historic Preservation Office, Kentucky Heritage Council, Kentucky Tourism, Arts, and Heritage Cabinet
- USEPA Region 4 – NEPA Program Office
- Kentucky Airport Zoning Commission (KAZC)
- Louisville Metro Air Pollution Control District
- Division of Water, Division of Waste Management, and Division of Air Quality, Department of Environmental Protection, Kentucky Energy and Environmental Cabinet
- Fish and Wildlife Services - US Department of the Interior
- City of Crestview Hills
- Department of Parks, Kentucky Tourism, Arts, and Heritage Cabinet
- Region IV, U.S. Department of Health and Human Services
- Kentucky Cabinet for Health and Family Services

Attachment:

1. Kenton County – Turkeyfoot Road – KY 1303 – Summary of Resource Agency Responses

Kenton County - Turkeyfoot Road - KY 1303 Summary of Resource Agency Responses	
Craig Potts, Executive Director and State Historic Preservation Officer Tourism, Arts, and Heritage Cabinet Kentucky Heritage Council 410 High Street Frankfort, KY 40601	Noted the one (1) historic resource identified within the study area. The Kentucky Heritage Council has no known concerns or issues with the proposed project at this time. Any issues or concerns pertaining to Section 106 of the National Historic Preservation Act of 1966 (16 U.S.C Sec 470f) and regulations at 36 C.F.R. Part 800 that may arise as the project progresses will be addressed through our continuing programmatic agreement with KYTC's Division of Environmental Analysis. Refer to the letter from Mr. Potts for additional information.
Eva Land USEPA Region 4 - NEPA Program Office 61 Forsyth Street, SW; Mailcode 9T25 Atlanta, Georgia 30303	<i>Water Quality</i> : The proposed project is adjacent to an unnamed stream and waterbody. Based on a Geographic Information Systems (GIS) analysis of the National Wetlands Inventory there are 16 acres (57%) of freshwater pond wetlands and 12 acres (43 %) of riverine wetlands located within a half-mile project buffer area. <i>Air Quality</i> : This area is a marginal nonattainment area for the 8-hour 2008 ozone standard. Emissions of volatile organic carbon and nitrogen oxide contribute to the formation of ground-level ozone. An alternative that improves traffic flow and decreases idle time will also minimize ozone formation. <i>Social Impacts</i> : The proposed project has the potential to cause social impacts to the community. The project goes through Thomas Moore College and is adjacent to the college's recreation field. The roadway expansion could result in increased noise, roadway vibration, construction detours, travel pattern disruptions, and increased traffic volumes. Refer to the email from Ms. Land for additional information.
Kentucky Airport Zoning Commission (KAZC) John Houlihan, Administrator Department of Highways, District Six 421 Buttermilk Pike, Covington, KY 41017	The KAZC jurisdiction start at 200 feet above ground level for the above subject. If any structure would exceed 200 feet above ground level (permanent or temporary) a permit is required from the KAZC.
Keith H. Talley, Sr., Director Louisville Metro Air Pollution Control District 701 W. Ormsby Ave., Suite 303	The location is not within our jurisdiction at APCD.
Larry C. Taylor, Environmental Scientist Consultant Office of the Commissioner Department of Environmental Protection Energy and Environmental Cabinet 300 Sower Boulevard, 2nd Floor Frankfort, KY 40601	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 (DEP) coordinates the review for Kentucky state agencies. Comments were included from the following divisions and branches within the DEP: Division of Water <ul style="list-style-type: none">• Water Quality Branch• Watershed Management• Compliance & Technical Assistance Branch Division of Waste Management Division of Air Quality Refer to the letter from Mr. Taylor for specific comments and additional contact information.
Phil DeGarmo U.S. Fish and Wildlife Service KY Ecological Services Field Office 330 West Broadway, Rm 265 Frankfort, Kentucky 40601	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. The official species list is not a concurrence letter; additional coordination with the KFO may be necessary to ensure ESA compliance. Refer to the letter from Mr. DeGarmo for additional information.
Paul W. Meier, Mayor City of Crestview Hills 50 Town Center Boulevard Crestview Hills, KY 41017-2561 (859) 341-7373	The City of Crestview Hills has strongly supported a plan to alleviate traffic congestion and safety concerns along Turkeyfoot (SR 1303) for a number of years. We agree that the purpose of the project should be for both safety of the travelling public and ease of mobility. The need for the project is clearly demonstrated by the high number of auto accidents and current level of service at the intersection and ramps. A project that improves the level of service on Turkeyfoot Road, while minimizing impacts on our residents is a high priority for our City Council. A project to improve Turkeyfoot Road needs to account access to the regional shopping center. The existing Thomas More College pond and adjacent stone chapel on Turkeyfoot Road are landmarks for the community. The City, Thomas More College, and St. Elizabeth Hospital all have future development plans that need to be considered in the future improvements to Turkeyfoot Road. Refer to the letter from Mayor Meier for more specific details, including potential zoning changes. Refer to the letter from Mayo Meier for additional information.
Donnie J. Holland, Commissioner Kentucky Department of State Parks Tourism, Arts and Heritage Cabinet 2 Hudson Hollow, Unit 1, Frankfort, KY 40601-4311	Responded to letter with no specific input or comments.
Tresa Straw Chief of Staff, Office of the Secretary Cabinet for Health and Family Services Frankfort, KY 40601	Responded to letter with no specific input or comments.
Sharon L. Ricks, Regional Health Administrator, Region IV Office of the Assistant Secretary for Health U.S. Department of Health and Human Services 61 Forsyth Street, S.W, Suite 5B95 Atlanta, GA 30303	Responded to letter with no specific input or comments; recommended that we should reach out to the Kenton County Health Department to obtain their input on the public health impact of your plan.
Roger Recktenwald Director for Infrastructure Planning & IT KY Association of Counties 400 Englewood Drive, Frankfort, KY 40601	During a conversation with KYTC representative, Mr. Recktonwald stated that KACo supports the planning study and will be submitting a written response.

Resource Agency Responses



MATTHEW G. BEVIN
GOVERNOR

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

REGINA STIVERS
DEPUTY SECRETARY

DON PARKINSON
SECRETARY

THE STATE HISTORIC PRESERVATION OFFICE

410 HIGH STREET
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-7005
FAX (502) 564-5820
www.heritage.ky.gov
August 13, 2018

CRAIG A. POTTS
EXECUTIVE DIRECTOR
& STATE HISTORIC
PRESERVATION OFFICER

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

Re: Turkeyfoot Road (KY 1303) Planning Study, Crestview Hills, Kenton County

Dear Ms. Mills,

This office is in receipt of a letter, aerial plans, and other information concerning the above-listed project. We understand that a study team has been assembled to evaluate possible improvements to Turkeyfoot Road from Barnwood Drive (CS 4122) to the northern Interstate 275 ramp and that the purpose of the Study is to improve safety and reduce congestion at the Turkeyfoot Road intersection with Thomas More Parkway and Town Center Boulevard. We further understand that you seek comments on purpose and need, issues and concerns, intersecting plans of our agency, location of our concerns, and mitigation strategies that should be considered. We note the one (1) historic resource you have identified within the study area.

The Kentucky Heritage Council has no known concerns or issues with the proposed project at this time. Any issues or concerns pertaining to Section 106 of the National Historic Preservation Act of 1966 (16 U.S.C. Sec. 470f) and regulations at 36 C.F.R. Part 800 that may arise as the project progresses will be addressed through our continuing programmatic agreement with KYTC's Division of Environmental Analysis. We thank you for the opportunity to comment and we look forward to hearing more about the project as it advances.

If you have any questions, please contact Christina Sabol (standing structures) or Bill Huser (archaeology) of my staff at 502.564.7005.

Sincerely,

RECEIVED

AUG 16 2018

Div. of Planning

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

CP: KHC # 52114 - 4

From: Mills, Deanna P (KYTC) <Deanna.Mills@ky.gov>
Sent: Friday, August 17, 2018 8:48 AM
To: Land, Eva <Land.Eva@epa.gov>
Cc: Callan-Ramler, Carol A (KYTC-D06) <Carol.Callan-Ramler@ky.gov>; Gary Sharpe <GSharpe@palmernet.com>; Will Conkin <WConkin@palmernet.com>; Pelfrey, Mikael B (KYTC) <Mikael.Pelfrey@ky.gov>; Schurman, Scott R (KYTC) <Scott.Schurman@ky.gov>
Subject: RE: Turkeyfoot Road (KY 1303) Planning Study Kenton County, Crestview Hills, Kentucky

Good morning Ms. Land:

Thank you for your response to our agency coordination request for the above referenced planning study.

The final published planning study documents will provide a review of the existing conditions within the study area including the identification of streams, ponds, and wetlands, air quality, and socioeconomic issues as requested and as standard practice. Your comments and requests will also be included and noted within the final study documentation.

Again, thank you for your response,

Deanna P. Mills, P.E.

Transportation Engineer Specialist



Division of Planning ~ Strategic Corridor

200 Mero Street, 5th Floor West

Frankfort, KY 40622

Phone: (502) 782-5085

Fax: (502) 564-2865

Deanna.Mills@ky.gov

From: Land, Eva <Land.Eva@epa.gov>
Sent: Friday, August 17, 2018 7:01 AM
To: Mills, Deanna P (KYTC) <Deanna.Mills@ky.gov>
Cc: Militscher, Chris <Militscher.Chris@epa.gov>; Buskey, Traci P. <Buskey.Traci@epa.gov>
Subject: Re: Turkeyfoot Road (KY 1303) Planning Study Kenton County, Crestview Hills, Kentucky

Deanna Mills, P.E.
Kentucky Transportation Cabinet
Division of Planning
200 Mero Street, 5th Floor West
Frankfort, KY 40622
Deanna.Mills@ky.gov

Re: Turkeyfoot Road (KY 1303) Planning Study Kenton County, Crestview Hills, Kentucky

Dear Ms. Mills:

The U.S. Environmental Protection Agency (EPA) reviewed the scoping letter for the improvements on Turkeyfoot Road (KY 1303) from Barnwood Drive (CS 4122) to the northern Interstate 275 ramp (I-275). Based on our preliminary review of the proposed project consistent with the National Environmental Policy Act (NEPA), the EPA offers the following environmental comments for your consideration:

Water Quality: The proposed project is adjacent to an unnamed stream and waterbody. Based on a Geographic Information Systems (GIS) analysis of the National Wetlands Inventory there are 16 acres (57%) of freshwater pond wetlands and 12 acres (43 %) of riverine wetlands located within a half-mile project buffer area. Within this buffer area there are six water discharge sites (National Pollutant Discharge Elimination System) and the waterbody identified as KY491168_00 has a total maximum daily load (TMDL) for fecal coliform. The probable reported source is nutrient/eutrophication and sewage (EPA's 2012 Waterbody Quality Assessment Report). Water movement to and from groundwater, and stormwater runoff patterns influence the health of the watershed. The EPA recommends maintaining the integrity of the waters through best management practices to control soil erosion and sediment release, and recommends treating stormwater runoff from new impervious surfaces prior to discharge to streams to help minimize long-term water quality impacts.

Air Quality: This area is a marginal nonattainment area for the 8-hour 2008 ozone standard. Emissions of volatile organic carbon and nitrogen oxide contribute to the formation of ground-level ozone. Emissions from engine combustion are a major contributor of these pollutants affecting ambient air quality. Minimizing engine idle time and practicing good combustion practices during construction will help reduce emissions. The draft NEPA document should compare emissions from the proposed alternatives. An alternative that improves traffic flow and decreases idle time will also minimize ozone formation.

Social Impacts: The proposed project has the potential to cause social impacts to the community. The project goes through Thomas Moore College and is adjacent to the college's recreation field. The roadway expansion could result in increased noise, roadway vibration, construction detours, travel pattern disruptions, and increased traffic volumes. The draft NEPA document should address the above-mentioned concerns and specify the position of the center line of the roadway and the right of way. Please continue to keep the local and campus community informed and involved throughout design and construction of the project with community meetings and/or updating the community through local media (social media, radio, campus paper and television).

We have included a reference below to 'NEPAssist' in this e-mail to help identify any other relevant environmental features in the project study.

We appreciate the opportunity to provide comments on the proposed project. Once the draft NEPA document is completed, please provide EPA with two hard copies at the address below and/or electronic link to the document:

USEPA Region 4
NEPA Program Office
61 Forsyth Street, SW; Mailcode 9T25
Atlanta, Georgia 30303

If you have any questions regarding these comments, please contact me at the information below.

Sincerely,

Eva Land

NEPA Program Office
USEPA Region 4
61 Forsyth St. SW
Atlanta, GA 30303
404-562-9103

Reference: NEPAssist <https://www.epa.gov/nepa/nepassist>

From: Mills, Deanna P (KYTC) [<mailto:Deanna.Mills@ky.gov>]
Sent: Tuesday, August 7, 2018 10:17 AM
To: Houlihan, John F (KYTC) <John.Houlihan@ky.gov>
Cc: Callan-Ramler, Carol A (KYTC-D06) <Carol.Callan-Ramler@ky.gov>; Gary Sharpe <GSharpe@palmernet.com>; Will Conkin <WConkin@palmernet.com>
Subject: RE: Turkeyfoot Road (KY 1303) Planning Study Kenton Co Crestview Kentucky

Mr. Houlihan,

Thank you for your response to our Turkeyfoot Road Planning Study Resource Agency Coordination efforts. Your comments will be included in the final study documents.

Sincerely,

Deanna P. Mills, P.E.

Transportation Engineer Specialist



Division of Planning ~ Strategic Corridor

200 Mero Street, 5th Floor West
Frankfort, KY 40622
Phone: (502) 782-5085
Fax: (502) 564-2865
Deanna.Mills@ky.gov

From: Houlihan, John F (KYTC)
Sent: Tuesday, August 07, 2018 10:07 AM
To: Mills, Deanna P (KYTC) <Deanna.Mills@ky.gov>
Subject: Turkeyfoot Road (KY 1303) Planning Study Kenton Co Crestview Kentucky

Ms. Mills,

The KAZC jurisdiction start at 200 feet above ground level for the above subject. If any structure would exceed 200 feet above ground level (permanent or temporary) a permit is required from the KAZC.

Please visit our webpage for more information.

Thank you.

Kentucky Airport Zoning Commission (KAZC)
John Houlihan, 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: <https://transportation.ky.gov/Aviation/Pages/airportzoning.aspx>

From: Talley, Keith H <Keith.Talley@louisvilleky.gov>
Sent: Tuesday, August 07, 2018 11:54 AM
To: Mills, Deanna P (KYTC) <Deanna.Mills@ky.gov>
Subject: Re: Turkeyfoot Rd. Planning Study

Hi Deanna,

I received the packet regarding the project referenced above. While I found the information interesting, the location is not within our jurisdiction at APCD. I wanted to let you know so that you would not be expecting a reply or comment.

Have a great summer and be safe.

Sincerely,

Keith

Keith H. Talley, Sr.

Director

Louisville Metro Air Pollution Control District

701 W. Ormsby Ave., Suite 303

502-574-7229

keith.talley@louisvilleky.gov

<http://www.louisvilleky.gov/government/air-pollution-control-district/>

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From: Taylor, Larry C (EEC)
Sent: Monday, September 10, 2018 2:52 PM
To: Mills, Deanna P (KYTC) <Deanna.Mills@ky.gov>
Subject: Turkeyfoot Road Project

Please see attached review of the project. If you have any questions, let us know.

Larry C. Taylor

Environmental Scientist Consultant
Office of the Commissioner
Department for Environmental Protection
300 Sower Boulevard
Frankfort, Kentucky 40601
(502) 782-6785



MATTHEW G. BEVIN
GOVERNOR

CHARLES G. SNAVELY
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601
September 10, 2018

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

Re: SERO 2018-17 Turkeyfoot Road (KY 1303) Planning Study Kenton County, Crestview Hills, Kentucky

Ms. Mills,

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 correspondence dated August 1, 2018. Your letter requested a review of Planning Study and the following comments are submitted in reference to this project.

Division of Water

Water Quality Branch:

The packet enclosed described the project as a planning study for potential improvements on Turkeyfoot Road. There is no exact description of the possible improvements or any impacts. The packet does include maps of possible alternatives of the project. The footprint includes one wetland and two National Hydrography Dataset (NHD) marked streams. The wetland is described as a Freshwater Pond in the National Wetland Inventory. The two streams in the footprint are Dry Creek and an unnamed tributary to Dry Creek. The unnamed tributary has not been assessed but Dry Creek has been assessed as PARTIALLY SUPPORTING Warm Water Aquatic Habitat due to Organic Enrichment and Nutrient/Eutrophication. No other uses have been assessed but it is assumed that the other uses are FULLY SUPPORTING until assessed. Looking at the two possible Alternatives in the packet Alternative A does not look like it would impact either of the streams or the wetland. However, Alternative B looks like the new road labeled "Town Center Blvd" would be laid almost directly in the bed of Dry Creek for a quarter of a mile.

Due to the fact that the proposed project packet has no discussion as to impacts to waterbodies the Water Quality Branch can only give broad suggestions. If the project does not impact any of the streams or the wetland listed above, then a permit will not be required by the DOW. If the project does plan to impact either of these types of waterbodies then the DOW and the Army Corp of Engineers will need to be contacted to determine if permits are needed for the project. The only additional comment that the DOW would have is that due to the project area occurring near waters of the Commonwealth that even if the

project does not directly impact the waterbodies listed above that Best Management Practices be used to minimize indirect impacts due to erosion or runoff from the project area. Questions should be directed to Andrea Fredenburg, Water Quality Branch, (502) 782-6950, Andrea.Fredenburg@ky.gov.

Watershed Management:

Kentucky Revised Statute KRS 151.250, provides for exemption for the Department of Highways; therefore, a "Stream Construction Permit for Construction In or Along a Stream" will not be required. No formal approval is required for Water Withdrawal Permitting or Water Management Planning. Questions should be directed to Julia Harrod, Watershed Management Branch, (502) 782-6967, Julia.Harrod@ky.gov.

The proposed work is endorsed by the Groundwater Section of the Watershed Management Branch. However, the proposed work is located in an area with a high potential for karst development where groundwater is susceptible to direct contamination from surface activities. It is our recommendation that proposed work 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 Wei Ji, Watershed Management Branch, (502) 782-6934, Wei.Ji@ky.gov or Section Supervisor, David Jackson, (502) 782-6986, DavidA.Jackson@ky.gov.

Compliance & Technical Assistance Branch:

It appears this is a necessary road project for traffic control and safety issues. They will need to submit proper KPDES General Stormwater Construction application (disturbances >1 acre). They may need to seek approval or waiver for 401 Water Quality Certification as there are 3 streams (ephemeral or intermittent) in the project area. There is a pond located in project area at intersection of Turkeyfoot Road (KY1303) and Thomas Moore Parkway that collects stormwater runoff. The stream labeled in diagrams as Stream #1 (Intermittent stream) may be connected through culverts to the pond or other stormwater structures in the area. The project will need to control stormwater runoff during the construction phase and should include adequate planning for future stormwater controls and/or improvements to existing structures. Questions should be directed to Connie Coy, Compliance and Technical Assistance Branch, (502) 782-6587, Constance.Coy@ky.gov.

Division of Waste Management

UST records indicate the following within the project impact area:

JD's Food Mart 2

158 Barnwood Dr. Edgewood, KY 41017

1. 8000 gallon gas tank (closed in place)
2. 8000 gallon gas tank (closed in place)

Both tanks were closed in place in 2004 and a No Further Action letter was issued in 2004.

If any UST's are encountered during the project construction they should be reported to KDWM.

Records indicate no active or inactive superfund sites within the impact area.

Records indicate no active or historic landfills located within the impact area.

Records indicate no hazardous waste issues within the impact area.

Records indicate one remediated dump in close proximity to the project area. The KCCCP Spiral Dump #2 was cleaned in 2001.

A Phase I Environmental Assessment should be conducted on the site.

Any 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 the project construction contact the Division of Waste Management for proper disposal and closure.

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 <http://air.ky.gov/SiteCollectionDocuments/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 <http://air.ky.gov/Pages/OpenBurning.aspx>

The Division would like to offer the following suggestions on how this project can help us stay in compliance with the NAAQS. 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.

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) 782-6785.

Sincerely,



Larry C. Taylor

From: Hedge, Lauren B (EEC)
Sent: Thursday, August 09, 2018 11:44 AM
To: Mills, Deanna P (KYTC) <Deanna.Mills@ky.gov>
Cc: Poff, Leslie M (EEC) <LeslieM.Poff@ky.gov>
Subject: Turkeyfoot Road (KY 1303) Planning Study

Deanna,

The Division has reviewed the planning study for improvements on Turkeyfoot Road (KY 1303) from Barnwood Drive (CS 4122) to the northern Interstate 275 ramp (I-275). The following Kentucky Administrative Regulations apply to this proposed project:

401 KAR 63:010, Fugitive Emissions, states that no person shall cause, suffer, or allow any material to be handled, processed, transported, or stored without taking reasonable precaution to prevent particulate matter from becoming airborne. Additional requirements include the covering of open bodied trucks, operating outside the work area transporting materials likely to become airborne, and that no one shall allow earth or other material being transported by truck or earth-moving equipment to be deposited onto a paved street or roadway. Please note the Fugitive Emissions Fact Sheet located at <http://air.ky.gov/SiteCollectionDocuments/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 <http://air.ky.gov/Pages/OpenBurning.aspx>

The Division would like to offer the following suggestions on how this project can help us stay in compliance with the National Ambient Air Quality Standards (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.

Finally, the projects listed in this document must meet the conformity requirements of 401 KAR 50:066 as amended and the transportation planning provisions of Title 40 of the United States Code. The Division also suggests an investigation into compliance with applicable local government regulations. The Division appreciates the opportunity to review this submittal. Please contact me if you have any questions regarding this matter.

Thank you,

[Lauren Hedge](#)

Kentucky Division for Air Quality
Evaluation Section
300 Sower Boulevard, 2nd Floor
Frankfort, KY 40601
502-782-6561

From: DeGarmo, Phil <phil_degarmo@fws.gov>
Sent: Monday, August 13, 2018 1:46 PM
To: Mills, Deanna P (KYTC) <Deanna.Mills@ky.gov>
Subject: Turkeyfoot Road (KY 1303) Planning Study

Ms. Mills,

Thank you for your August 1, 2018 letter and request for comments regarding the subject planning study. The U.S. Fish and Wildlife Service (Service) has reviewed the study and do not have any substantive comments at this time. I have attached a standard letter that provides information on how to obtain a species list from the Service's IPaC system. IPac will generate a species list specific to the action area of the proposed project (as you define it), and if appropriate, general technical assistance comments. IPac may be used for the subject project as well as future planning studies. If you have any questions, please contact me at the information provided below.

Sincerely,

Phil

--

Phil DeGarmo
U.S. Fish and Wildlife Service
KY Ecological Services Field Office
330 West Broadway, Rm 265
Frankfort, Kentucky 40601

Office: 502-695-0468 x110
Fax: 502-695-1024
Cell: 502-229-8830
Phil_DeGarmo@fws.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

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).

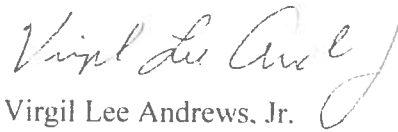
IPaC will generate a species list specific to the action area of the proposed project, as you defined it. You can then request an official species list under the “Regulatory Documents” tab. This species list fulfills the requirements of the USFWS under section 7(c) of the Endangered Species Act (ESA) 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,

A handwritten signature in cursive script, reading "Virgil Lee Andrews, Jr.", written in dark ink.

Virgil Lee Andrews, Jr.
Field Supervisor



CITY OF CRESTVIEW HILLS

A Kentucky Chamber of Commerce Hall of Fame City

PAUL W. MEIER, MAYOR

RECEIVED

AUG 27 2018

Div. of Planning

August 8th, 2018

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

Dear Ms. Mills,

This letter is in response to a request from Ms. Amanda Spencer, Director of Planning at KYTC for the City of Crestview Hills' input on the Turkeyfoot Road Planning Study.

The City of Crestview Hills has strongly supported a plan of action to alleviate traffic congestion and safety concerns along Turkeyfoot (SR 1303) for a number of years. Following the completion of lane widening of Turkeyfoot Road to Richardson Road, we experienced a significant increase in traffic from the southern end of the County. The portion of Turkeyfoot Road within Crestview Hills' corporate boundary is one of the highest traffic counts in all of Northern Kentucky. Failure to address the traffic congestion has an impact not only on Crestview Hills, but also many adjoining areas that utilize this vital corridor.

The City Council appreciates the efforts of the Transportation Cabinet to begin the scoping and engineering work on the project. We also greatly appreciate your openness to stakeholder's comments at the outset of the project. Finally, we appreciate your staff's sensitivity to the community and the desire to provide a solution that is least disruptive to our many long-term residents.

The City of Crestview Hills provides the following comments regarding the Turkeyfoot Road improvements:

Draft Purpose and Need for Project

We agree that the purpose of the project should be for both safety of the traveling public and ease of mobility. The immediate area within the study boundary contains one of the major economic centers in Northern Kentucky, and lack of easy access has a deleterious on the regional economy. Traffic congestion also has a significant negative impact on public health in the region, as the flagship hospital for NKY is accessed through this corridor.

The need for the project is clearly demonstrated by the high number of auto accidents and current level of service at the intersections and ramps. With the significant ongoing expansion of St. Elizabeth Hospital, level of service (LOS) in this area will only get worse without roadway improvements.

Significant Issues and Concerns in the Project Area

Crestview Hills is a well-established suburban community in Northern Kentucky. Many of our residents have lived in their homes for over forty years and have concerns about both the traffic congestion and how future plans for Turkeyfoot Road may impact their homes. The City strongly supports efforts to improve traffic, and greatly appreciates the Cabinet's understanding of the concerns and opinions of our residents. A project that improves the level of service on Turkeyfoot Road, while minimizing direct impacts on our residents is a high priority for our City Council.

Crestview Hills is the location of a major regional shopping center in Crestview Hills. A project to improve Turkeyfoot Road needs to take into account access to this regional shopping center. With possible future changes in the shopping center to a higher density, mixed use area, ease of access becomes even more important.

Conservation or Development Plans

The existing Thomas More College pond and adjacent stone chapel on Turkeyfoot Road are landmarks for the community and while we understand they could be altered by future road improvement plans, it is important that their relocation be considered during the planning phase.

The City has several potential future development plans that the planners should be aware of in formulating the scope of a project. As noted above, the City is in the process of completing a new zoning text for mixed use in designated areas within the community. This includes the current Town Center property, as well as properties bordering Town Center Boulevard and Turkeyfoot and Thomas More Parkway. I have attached a map showing those areas that will be available for mixed use redevelopment.

Additionally, we are aware that Thomas More College has been exploring a master plan of their property and looking at future building plans for dorms, and other facilities. I would refer to the College for further information.

Finally, St. Elizabeth is current in the process of significant additions at their main campus and surrounding properties. They are anticipating nearly one million additional square feet within the next fifteen years. A traffic study was performed by CT Consultants for the additional facilities and services and was forwarded to your planning department at KYTC for review.

Areas of Concern

As noted previously in this letter, the City is concerned about our residential areas and requests that KYTC consider alternative solutions, when feasible, in determining plans for traffic congestion management. Additionally, it is important to understand that while in some instances more expensive, potential routes that affect commercial properties may be more palatable to the community.

Mitigation Strategies to Consider during Project Development

In reviewing possible strategies for the Turkeyfoot Road project, particularly a realigned Town Center Boulevard, consider a route that mitigates effects on residential properties. This might include as noted in Alternate B, moving Thomas More Parkway slightly to the north, and aligning the new Town Center Boulevard further from residential properties.

Additionally, if Fraternity Court becomes a dead-end street in a future plan, a traffic signal at College Park Drive could provide a safe exit point for residents in the College Park subdivision. This new light would also provide safer pedestrian access for Thomas More College students accessing classes across Turkeyfoot Road on Barnwood drive.

Finally, we would suggest planning take into account pedestrian access between Thomas More College and the Town Center. Turkeyfoot Road proves to be a daunting crossing, particularly during peak periods. Pedestrian bridges or tunnels might provide a better connection, with the added benefit of opening up more walkers between the Office Park buildings and the Town Center.

We appreciate your solicitation of opinions on the project. Should you have any questions regarding this letter, please don't hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Paul W. Meier".

Paul W. Meier
Mayor

10.16.1. Overview

DRAFT



Figure 10.16.1-1 The Town Center Site is available for rezoning with the MX-1 zone.

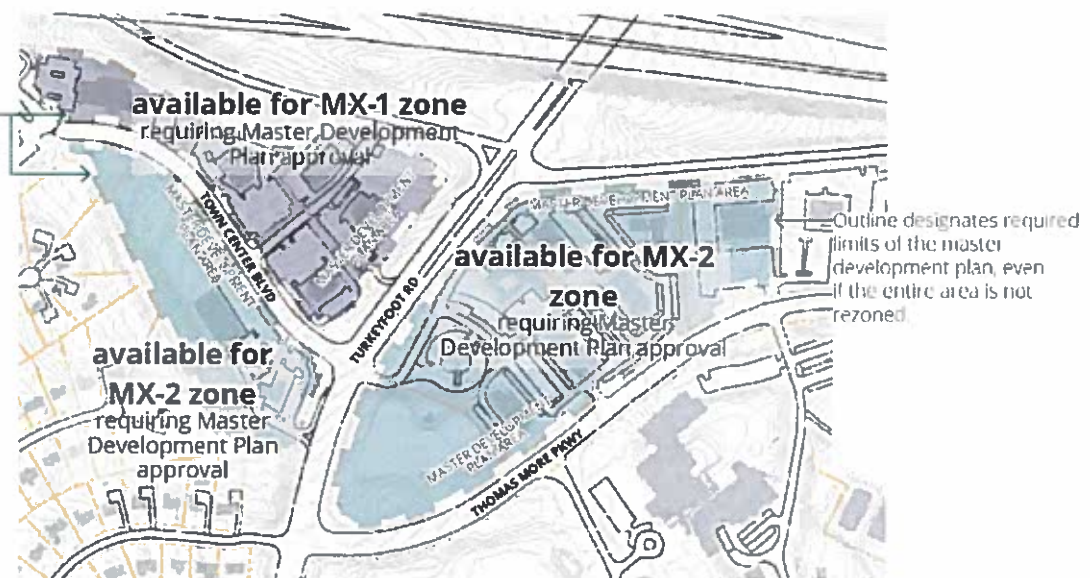
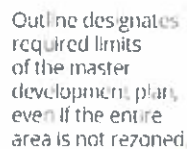


Figure 10.16.1-2 Properties along Turkeyfoot Road are available for rezoning as MX-1 or MX-2 zone as designated on the above map.



MATTHEW G. BEVIN
GOVERNOR

**TOURISM, ARTS AND HERITAGE CABINET
DEPARTMENT OF PARKS**

2 Hudson Hollow, Unit 1
Frankfort, Kentucky 40601-4311
Phone 502-564-2172
Fax 502-564-9015
www.parks.ky.gov

DON PARKINSON
SECRETARY

JENEAN HAMPTON
LT. GOVERNOR

DONNIE J. HOLLAND
COMMISSIONER

August 17, 2018

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

RE: Turkeyfoot Road (KY 1303) Planning Study

Dear Ms. Mills:

I have received the Transportation Cabinet's package regarding the subject study. The Department of Parks has no input or comments to provide.

Our agency appreciates the Transportation Cabinet's cooperation and looks forward to successful ongoing and future partnerships.

If you have questions, please contact me at (502) 892-3361.

Respectfully,

Donnie J. Holland
Commissioner
Kentucky State Parks

copy: Josh Wentz

RECEIVED

AUG 23 2018

Div. of Planning

From: Mills, Deanna P (KYTC) [<mailto:Deanna.Mills@ky.gov>]
Sent: Friday, August 17, 2018 1:50 PM
To: Callan-Ramler, Carol A (KYTC-D06) <Carol.Callan-Ramler@ky.gov>; Gary Sharpe <GSharpe@palmernet.com>; Will Conkin <WConkin@palmernet.com>
Cc: Pelfrey, Mikael B (KYTC) <Mikael.Pelfrey@ky.gov>
Subject: RE: Turkeyfoot Road Planning Study

Good afternoon everyone:

I spoke to Tresa Straw from CHFS after lunch and yes, she was enquiring about our response expectations as she is new in her position. She has worked at KYTC in the past so she is familiar with our processes and understands our purpose in sending out the requests, but wanted to know what, if anything, we have received from CHFS in the past.

Deanna

Deanna P. Mills, P.E.

Transportation Engineer Specialist



Division of Planning ~ Strategic Corridor

200 Mero Street, 5th Floor West

Frankfort, KY 40622

Phone: (502) 782-5085

Fax: (502) 564-2865

Deanna.Mills@ky.gov

From: Straw, Tresa S (CHFS Office of the Secretary)
Sent: Thursday, August 16, 2018 3:30 PM
To: Mills, Deanna P (KYTC) <Deanna.Mills@ky.gov>
Subject: Planning Study

Hi Deanna,

Please give me a call at your convenience about a letter we received from the Division of Planning regarding a Planning Study for Turkeyfoot Road (KY 1303), Kenton County, Crestview Hills. Thank you!

Tresa Straw
Chief of Staff, Office of the Secretary
Cabinet for Health and Family Services
(502) 564-7042, ext. 3452

From: Mills, Deanna P (KYTC) [<mailto:Deanna.Mills@ky.gov>]
Sent: Monday, August 27, 2018 1:09 PM
To: Callan-Ramler, Carol A (KYTC-D06) <Carol.Callan-Ramler@ky.gov>; Gary Sharpe <GSharpe@palmernet.com>; Will Conkin <WConkin@palmernet.com>
Cc: Pelfrey, Mikael B (KYTC) <Mikael.Pelfrey@ky.gov>
Subject: FW: Turkeyfoot Road Planning Study Agency Coordination response

Good afternoon everyone: please see the trailing email from HHS. Ms. Ricks is recommending contacting the Kenton County Public Health Department for their input. It's a bit late in the game and I'd hate to delay the draft report. I could send the letter to them and we could include any response in the project files since it's going forward.

Your thoughts?

Deanna

From: Ricks, Sharon L (HHS/OASH) <Sharon.Ricks@hhs.gov>
Sent: Monday, August 27, 2018 11:17 AM
To: Mills, Deanna P (KYTC) <Deanna.Mills@ky.gov>
Cc: Jordan, Karen (HHS/ORD) <Karen.Jordan@hhs.gov>
Subject: Turkeyfoot Road Planning Study

Thanks for your August 1, 2018, letter to Renee Ellmers, Regional Director for the U.S. Department of Health and Human Services, Region 4, regarding the subject study. Our office has no comments, however, we recommend that you reach out to the Kenton County Health Department to obtain their input on the public health impact of your plan.

Sharon L. Ricks, MA

Regional Health Administrator, Region IV
Office of the Assistant Secretary for Health
U.S. Department of Health and Human Services
61 Forsyth Street, S.W, Suite 5B95
Atlanta, GA 30303
404-562-7894 (Office)
404-275-8967 (iPhone)

From: Mills, Deanna P (KYTC) [<mailto:Deanna.Mills@ky.gov>]

Sent: Friday, September 7, 2018 8:31 AM

To: Callan-Ramler, Carol A (KYTC-D06) <Carol.Callan-Ramler@ky.gov>; Gary Sharpe <GSharpe@palmernet.com>; Will Conkin <WConkin@palmernet.com>

Subject: Turkeyfoot Resource Agency response

Good morning everyone – I hope everyone had a good trip back home from Louisville yesterday.

I spoke to Roger Recktenwald, KY Assoc. of Counties, this morning about the Turkeyfoot planning study. He said he was late in getting a response back to us from the Resource Agency request and wanted us to know it was coming. They are very much in support of this planning study and appreciate the detailed analysis provided on the documents sent to them. We should be receiving their written response in a few days.

Thank you,

Deanna P. Mills, P.E.

Transportation Engineer Specialist



Division of Planning ~ Strategic Corridor

200 Mero Street, 5th Floor West

Frankfort, KY 40622

Phone: (502) 782-5085

Fax: (502) 564-2865

Deanna.Mills@ky.gov

**Resource
Agency
Coordination
Letter**

July 30, 2018

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

Dear «Letter_Title» «Last_Name»:

Subject: Turkeyfoot Road (KY 1303) Planning Study
Kenton County, Crestview Hill, Kentucky
Item No. N/A

The Kentucky Transportation Cabinet (KYTC) has assembled a study team to evaluate potential improvements on Turkeyfoot Road (KY 1303) from Barnwood Drive (CS 4122) to the northern Interstate 275 ramp (I-275).

We are requesting your agency's valuable input and comments on this study as part of the KYTC process.

The draft purpose of the Turkeyfoot Road Planning Study is to improve safety and reduce congestion at the Turkeyfoot Road intersections with Thomas More Parkway and Town Center Boulevard. Multimodal traffic in Crestview Hills will also be considered in the study.

The project need derives from the following:

Safety

- Between January 2014 and December 2016: 290 crashes with 1 fatality

Mobility

- The 2017 intersection and ramp Levels of Service range from D to F (not including Barnwood Drive)

Resource Agency Coordination
Turkeyfoot Road (KY 1303) Corridor Study
From Barnwood Drive (CS 4122) to the northern I-275 ramp
Kenton County
Item No. N/A

During the development of this study, comments will be solicited from federal, state, and local agencies, as well as other stakeholders, in accordance with principles set forth in the National Environmental Policy Act (NEPA) of 1969.

The planning study includes a scoping process for the early identification of potential alternatives, environmental issues, and impacts related to the proposed project. We believe that early identification of issues or concerns can potentially minimize negative impacts on alternatives as we move forward. As a part of this study, an environmental overview was developed by subject matter experts and is summarized in the enclosed exhibits for your use.

We have enclosed the following project information for your review and comment:

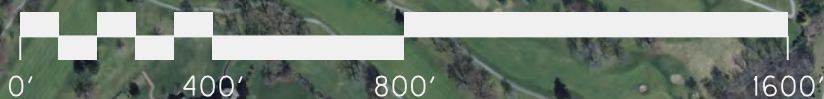
- Study Area Map
- Existing Traffic and Roadway Characteristics Map
- Traffic Analyses with traffic volumes, queue lengths , and Level of Service
- Crash Map
- Utility, Property and Environmental Map
- Environmental Points of Interest Map
- Short-Term Alternative A Map
- Long-Term Alternative B Map

In particular, we are asking that you provide the following information:

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

We respectfully ask that you provide us with your comments by August 31, 2018, to ensure timely progress in this planning effort. We appreciate any input you can provide concerning this project. Please direct any comments, questions, or requests for additional information to the following:

Deanna Mills, P.E.
Kentucky Transportation Cabinet
Division of Planning
200 Mero Street, 5th Floor West



TURKEYFOOT ROAD (KY 1303)

TOWN CENTER BLVD

THOMAS MORE PARKWAY

FRATERNITY COURT

COLLEGE PARK DRIVE

VILLA MADONNA DRIVE

BARNWOOD DRIVE

TURKEYFOOT ROAD

DUDLEY ROAD

Turkeyfoot Road (KY 1303)

Traffic Measures of Effectiveness

Updated Matrix

7/11/2018

Travel Times			Existing		No Build		Alternative A				Alternative B			
			2017 AM	2017 PM	2040 AM	2040 PM	2017 AM	2017 PM	2040 AM	2040 PM	2017 AM	2017 PM	2040 AM	2040 PM
Map Nodes	From	To	Time (min:sec)	Time (min:sec)	Time (min:sec)	Time (min:sec)	Time (min:sec)	Time (min:sec)	Time (min:sec)	Time (min:sec)	Time (min:sec)	Time (min:sec)	Time (min:sec)	Time (min:sec)
1 to 5	I-275 EB	Thomas More Pkwy	4:43	3:31	9:36	8:48	3:23	2:33	2:58	2:25	2:39	2:57	5:01	4:40
1 to 6	I-275 EB	Dudley Road	4:25	5:01	9:15	11:00	2:35	3:26	2:51	4:26	2:30	3:20	3:32	4:54
3 to 5	I-275 WB	Thomas More Pkwy	6:00	4:43	8:40	7:42	4:13	3:36	4:07	5:49	3:35	2:43	5:14	5:46
3 to 6	I-275 WB	Dudley Road	5:16	6:01	8:07	9:51	4:00	4:42	4:16	7:46	2:10	2:23	5:46	6:04
6 to 2	Dudley Road	I-275 EB	2:25	4:04	6:27	13:02	2:20	5:29	4:18	4:52	3:02	2:55	2:52	3:46
6 to 4	Dudley Road	I-275 WB	3:06	5:05	6:40	15:47	2:22	7:27	5:22	6:23	4:05	4:10	2:58	4:07
TOTAL TRAVEL TIME ALL VEHICLES (MIN)			15,100	23,183	29,527	52,695	14,248	22,529	25,135	37,367	13,850	18,769	22,551	35,585

Maximum Queue Lengths		Existing		No Build		Alternative A				Alternative B			
		2017 AM (ft)	2017 PM (ft)	2040 AM	2040 PM	2017 AM (ft)	2017 PM (ft)	2040 AM (ft)	2040 PM (ft)	2017 AM (ft)	2017 PM (ft)	2040 AM (ft)	2040 PM (ft)
NB Turkeyfoot at Thomas More Pkwy (Thru Movement)		908	2293	1644	3921	708	2809	3755	3191	954	724	916	1063
SB Turkeyfoot at Thomas More Pkwy (Left Turn)		675	301	551	613	618	263	631	414	373	412	1045	1144
NB Turkeyfoot at Town Center Blvd (Thru Movement)		557	783	442	812	597	1037	614	1647				
SB Turkeyfoot at Town Center Blvd (Thru Movement)		809	1206	811	2091	716	493	812	531				
SB Turkeyfoot at I-275 EB Ramps (Thru Movement)		873	981	1977	2324	519	1026	1475	1310	557	647	1272	685
EB I-275 Off-Ramp (Right Turn)		1078	1322	1820	1701	380	718	552	455	211	223	726	970

Level of Service/Delay		2040 AM		NO Build		2040 PM		Alternative A		2040 AM		Alternative B	
		LOS	Delay (sec)	LOS	Delay (sec)	LOS	Delay (sec)	2040 AM	2040 PM	LOS	Delay (sec)	LOS	Delay (sec)
Barnwood Drive		C	33	C	20		33	C	C	C	33	C	20
Thomas More Parkway		F	330	F	250		75	E	D	F	97	F	125
Town Center Blvd		E	74	F	182		52	D	F				
I-275 EB Ramps		F	256	F	314		129	F	F	F	129	F	172
I-275 WB Ramps		D	41	F	82		41	D	F	D	41	F	82

TURKEYFOOT RD (KY 1303)
CRASH MAP

SCALE: 1"=200'



KENTUCKY
TRANSPORTATION
CABINET

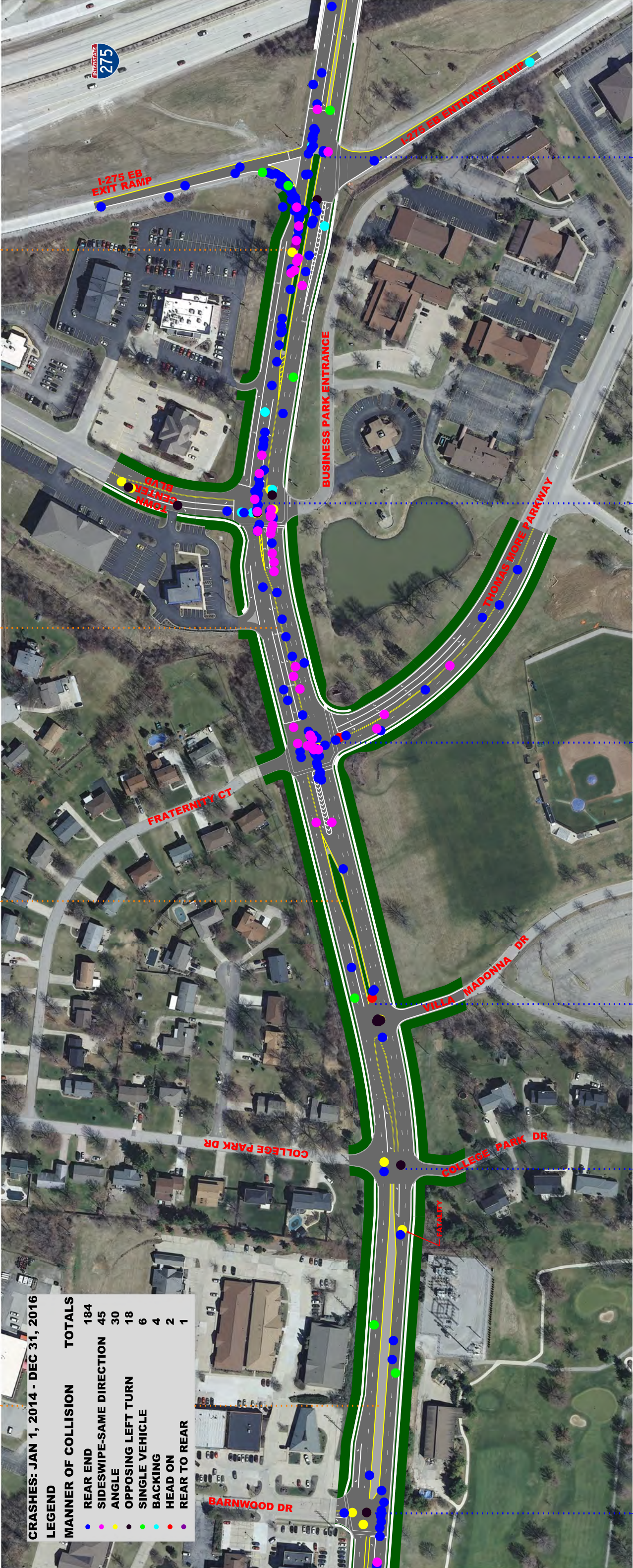
Palmer
ENGINEERING

FROM BARNWOOD DR INTERSECTION THOMAS MORE PARKWAY INTERSECTION TOWN CENTER BOULEVARD INTERSECTION I-275 RAMPS INTERSECTION

MANNER OF COLLISION					MANNER OF COLLISION					MANNER OF COLLISION					MANNER OF COLLISION				
REAR END	SIDESWIPE- SAME DIRECTION	ANGLE	OPPOSING LEFT TURN	SINGLE VEHICLE	REAR END	SIDESWIPE- SAME DIRECTION	ANGLE	OPPOSING LEFT TURN	SINGLE VEHICLE	REAR END	SIDESWIPE- SAME DIRECTION	ANGLE	OPPOSING LEFT TURN	SINGLE VEHICLE	REAR END	SIDESWIPE- SAME DIRECTION	ANGLE	OPPOSING LEFT TURN	SINGLE VEHICLE
12	1	3	2		38	20	12	6		85	5	4	1	3		5			
TOTALS					TOTALS					TOTALS					TOTALS				
18					68					78					101				

CRASHES: JAN 1, 2014 - DEC 31, 2016

LEGEND	MANNER OF COLLISION	TOTALS
●	REAR END	184
●	SIDESWIPE-SAME DIRECTION	45
●	ANGLE	30
●	OPPOSING LEFT TURN	18
●	SINGLE VEHICLE	6
●	BACKING	4
●	HEAD ON	2
●	REAR TO REAR	1



BARNWOOD DR - COLLEGE PARK DR					COLLEGE PARK DR - VILLA MADONNA DR					VILLA MADONNA DR - THOMAS MORE PKWY/ FRATERNITY CT					THOMAS MORE PKWY/ FRATERNITY CT - TOWN CENTER BLVD					TOWN CENTER BLVD - I-275 RAMPS					I-275 RAMPS - I-275 OVERPASS				
BEGIN MP	END MP	LENGTH (MILES)	ADT	CRITICAL CRASH RATE FACTOR	BEGIN MP	END MP	LENGTH (MILES)	ADT	CRITICAL CRASH RATE FACTOR	BEGIN MP	END MP	LENGTH (MILES)	ADT	CRITICAL CRASH RATE FACTOR	BEGIN MP	END MP	LENGTH (MILES)	ADT	CRITICAL CRASH RATE FACTOR	BEGIN MP	END MP	LENGTH (MILES)	ADT	CRITICAL CRASH RATE FACTOR	BEGIN MP	END MP	LENGTH (MILES)	ADT	CRITICAL CRASH RATE FACTOR
5.085	5.226	0.141	30,300	0.50	5.226	5.285	0.059	30,300	0.25	5.285	5.396	0.111	30,900	1.08	5.396	5.493	0.097	44,700	1.55	5.493	5.637	0.144	44,500	1.69	5.637	5.685	0.048	26,800	1.09

TURKEYFOOT RD (KY 1303)

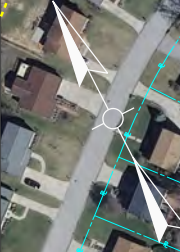
UTILITY, PROPERTY, ENVIRONMENTAL



KENTUCKY
TRANSPORTATION
CABINET



SCALE: 1"=200'



UTILITY OWNERS

COMMUNICATIONS:

GAS / ELECTRIC:

COMMUNICATIONS:

WATER:

SANITATION:

COMMUNICATIONS:

CINCINNATI BELL

DUKE ENERGY KENTUCKY INC

LEVEL 3 COMMUNICATIONS

NORTHERN KENTUCKY WATER DISTRICT

SD1

TIME WARNER CABLE / SPECTRUM

WATER

GAS

OVERHEAD ELECTRIC

UNDERGROUND ELECTRIC

COMMUNICATIONS - FIBER,


TV, TELEPHONE, ETC.


STORM SEWER


SANITARY SEWER


RIGHT-OF-WAY / PROPERTY


ENVIRONMENTAL CONCERNS





























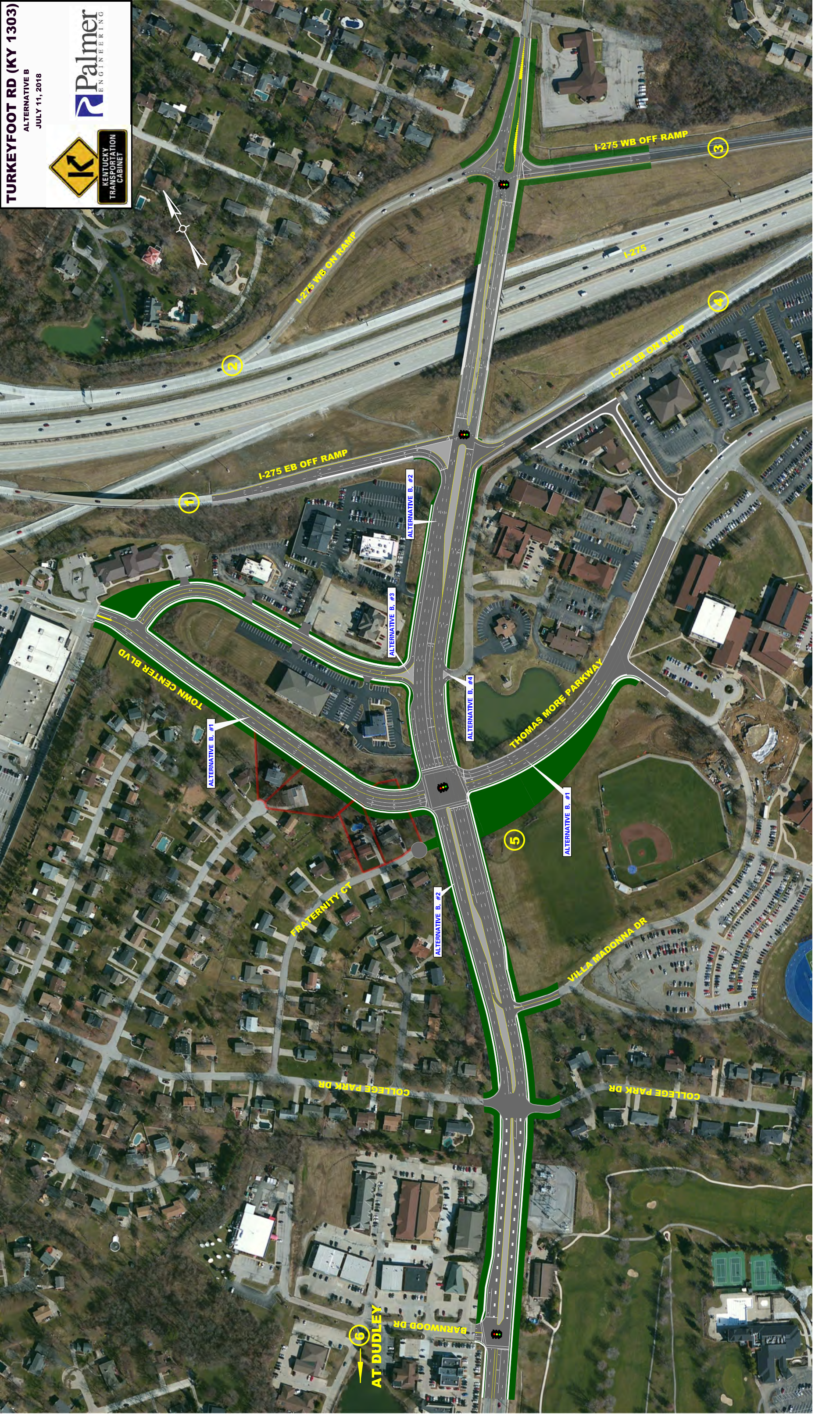
TURKEYFOOT RD (KY 1303)
ALTERNATIVE B
JULY 11, 2018



KENTUCKY
TRANSPORTATION
CABINET



Palmer
ENGINEERING



Mailing Title	Letter Title	First Name	Last Name	Title	Organization	Send				date/initials last verified	verify contacts	begin/end terms
Mr.	Mr.	Donnie	Holland	Commissioner	Kentucky Department of Parks	Y				5/9/2018 AMN	http://parks.ky.gov/	
Mr.	Mr.	David	Pollack	Director	Kentucky Archaeological Survey	Y				5/9/2018 AMN	http://heritage.ky.gov/kas/	
Mr.	Mr.	Crissy	Fiscus	Chairperson	Kentuckians for Better Transportation	Y				5/9/2018 AMN	http://www.kbtnet.org/executive-committee.html	
Ms.	Ms.	Barber	Juva	Executive Director	Kentuckians for The Commonwealth	Y				5/9/2018 AMN	http://www.kbtnet.org/contact.html	
Mr.	Mr.	Lauderdale	Burt	Executive Director	Kentuckians for The Commonwealth	Y				5/9/2018 AMN	https://www.kftrc.org/about/staff	
Mr.	Mr.	Brinkman	Scott	Acting Secretary	Cabinet for Health and Family Services	Y				5/9/2018 AMN	http://chfs.ky.gov/oc/default.htm	
Mr.	Mr.	John	Houlihan	Administrator	Kentucky Airport Zoning Commission	Y				5/9/2018 AMN	https://transportation.ky.gov/aviation/Pages/airportzoning.aspx	
Mr.	Mr.	Brian	Roy	Executive Director	Kentucky Association of Counties	Y				5/10/2018 AMN	https://www.kaco.org/en/about/president-information.aspx	
Mr.	Mr.	Brad	Richardson	President	Kentucky Chamber of Commerce Executives, Inc.	Y				5/9/2018 AMN	http://www.kychamberexecutives.com/Board-Directors.aspx	presidents' terms appear to end Sept 30 each year
Mr.	Mr.	Quarles	Ryan	Commissioner	Kentucky Department of Agriculture	Y				5/9/2018 AMN	http://www.kvaagr.com/commissioner/	
Mr.	Mr.	Aaron	Keatley	Commissioner	Kentucky Department for Environmental Protection	Y				5/9/2018 AMN	http://dep.ky.gov/Documents/DEPOrgChart082417.pdf	
Mr.	Mr.	Frank	Jermey	Interim Commissioner	Kentucky Department of Fish and Wildlife Resource	Y				5/9/2018 AMN	http://twh.ky.gov/About/Pages/Agency-Leadership.aspx	
Mr.	Mr.	Allen	Luttrell	Commissioner	Kentucky Department for Natural Resources	Y				5/9/2018 AMN	http://dnr.ky.gov/Pages/DNR_Contacts.aspx	
Ms.	Ms.	Paulette	Akers	Director	Kentucky Department of Nat'l Resources, Division	Y				5/9/2018 AMN	http://conservation.ky.gov/Pages/DivisionofConservationStaff.aspx	
Mr.	Mr.	Richard	Sanders	Commissioner	Kentucky Department of State Police	Y				5/9/2018 AMN	http://kentuckystatepolice.org/command-staff/	
Ms.	Ms.	Courney	Skaggs	Director	Division of Mine Reclamation and Enforcement	Y				5/9/2018 AMN	http://dmre.ky.gov/Pages/RegionalOffices.aspx	
Mr.	Mr.	Sean	Alieri	Director	Kentucky Division for Air Quality	Y				5/9/2018 AMN	http://air.ky.gov/Pages/DivisionofAirQualityBranches.aspx	
Mr.	Mr.	James	Wright	Director	Kentucky Division of Forestry	Y				5/9/2018 AMN	http://forestry.ky.gov/regionaloffices/Pages/default.aspx	
Major	Major	Nathaniel	David	Director	KSP Commercial Vehicle Enforcement Division	Y				5/9/2018 AMN	http://www.kentuckystatepolice.org/ksporgan.html	
Mr.	Mr.	Jon	Maybrier	Director	DEP Division of Waste Management	Y				5/9/2018 AMN	http://waste.ky.gov/Pages/default.aspx	
Mr.	Mr.	Pete	Goodmann	Director	DEP Division of Water	Y				5/9/2018 AMN	http://water.ky.gov/Documents/Branch%20Phone%20List.pdf	
Mr.	Mr.	Terry	Gill	Secretary	Kentucky Cabinet for Economic Development	Y				5/9/2018 AMN	https://www.thinkkentucky.com/kvedc/Staff/Contacts.aspx	
Ms.	Ms.	Judith	Clabes	Editor	Kentucky Forward	Y				5/9/2018 AMN	http://www.kyforward.com/contact/	
Mr.	Mr.	Bill	Haneberg	State Geologist & Director	Kentucky Geological Survey, University of Kentucky	Y				5/9/2018 AMN	http://www.uky.edu/KGS/staff/index.php	
Mr.	Mr.	Craig	Potts	State Historic Preservation Officer	Kentucky Heritage Council	Y				5/30/2018 AMN	https://heritage.ky.gov/about/Pages/staff.aspx	
Mr.	Mr.	Whitworth	Kent	Executive Director	Kentucky Historical Society	Y				5/9/2018 AMN	http://history.ky.gov/staff-listing/	
Mr.	Mr.	Matthew	Tackett	President/CEO	Kentucky Association for Economic Development	Y				5/9/2018 AMN	http://www.kaedonline.org/about-kaed-board-of-directors/	
Mr.	Mr.	Jonathan	Steiner	Executive Director/CEO	Kentucky League of Cities, Inc.	Y				5/9/2018 AMN	http://www.klc.org/KLC-Staff/	
Mr.	Mr.	Guo	Young	President/CEO	Kentucky Motor Transport Association	Y				5/9/2018 AMN	http://www.kmta.net/staff.asp	
Mr.	Mr.	Charles G.	Snively	Secretary	Kentucky Energy and Environmental Cabinet	Y				5/9/2018 AMN	http://eec.ky.gov/officesecretary/Pages/default.aspx	
Mr.	Mr.	Zeb	Weese	Executive Director	Kentucky State Nature Preserves Commission	Y				5/9/2018 AMN	http://naturpreserves.ky.gov/aboutus/Pages/staff.aspx	
Mr.	Mr.	Eric	Perez	Executive Director	Kentucky Office of Transportation Delivery	Y				5/9/2018 AMN	http://transportation.ky.gov/Organizational-Resources/Documents/Cabinet%20Org%20Chart%20with%20Executive%20Management.pdf	
Mr.	Mr.	Hudson	Beecher	CEO	Kentucky Public Transit Association	Y				5/9/2018 AMN	http://www.kypublictransit.org/	
Mr.	Mr.	Philips	Hank	President/CEO	Kentucky Travel Industry Association	Y				5/9/2018 AMN	http://www.ktia.com/management-team	
Ms.	Ms.	Regina	Stivers	Interim Secretary	Tourism, Arts and Heritage Cabinet	Y				5/9/2018 AMN	http://twh.ky.gov/About/Pages/Senior-Staff.aspx	
Mr.	Mr.	Parkinson	Don	Interim Secretary	Kentucky Education and Workforce Development Cabinet	Y				5/9/2018 AMN	http://educationcabinet.ky.gov/About-Us/Pages/Staff-Directory.aspx	
Mr.	Mr.	David	Premister	State Director	The Nature Conservancy - Kentucky Chapter	Y				5/9/2018 AMN	https://www.nature.org/our/initiatives/regions/northamerica/unitedstates/kentucky/contact/index.htm	
Mr.	Mr.	Paul	Bergmann	Executive Director	Scenic Kentucky	Y				5/9/2018 AMN	http://www.scenickentucky.org/about/index.html	
Mr.	Mr.	John	Johnson	Executive Director	Kentucky Commission on Human Rights	Y				5/9/2018 AMN	http://kchr.ky.gov/aboutus/Pages/staffdirectory.aspx	
Mr.	Mr.	Roger	Pleierman	Board Chairman	Northern Kentucky Port Authority	Y/N				5/9/2018 AMN	http://kentuckyriverports.com/contact_us/	
Mr.	Mr.	Chris	Millscher	Chief of NEPA Program Office	Office of Environmental Accountability	Y				5/9/2018 AMN	http://www.epa.gov/nea/national-environmental-policy-act-epa-region-4#Region_4_EPA_NEPA_Contact	
Mr.	Mr.	Phillip	Braden	District Office Manager	Memphis Airports District Office, Federal Aviation Administration	Y				5/9/2018 AMN	https://www.faa.gov/airports/southern/about_airports/media/memado-staff-assignments.pdf	
Maj. Gen.	Maj. Gen.	Stephen R.	Hogan	Adjutant General	Department of Military Affairs	Y				5/9/2018 AMN	http://kentuckyguard.fodlive.mil/about-us/leadership/	
Dr.	Dr.	William	Straw	Regional Environmental Officer	Federal Emergency Management Agency, Region IV	Y				5/9/2018 AMN	http://www.fema.gov/pdf/plan/ehp/temphousing.pdf	
Ms.	Ms.	Karen	Woodrich	State Conservationist	U.S. Dept. of Agriculture, Natural Resources Conservation Service	Y				5/9/2018 AMN	http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/contact/states/	
Ms.	Ms.	Renee	Elmers	Regional Director	U.S. Dept. of Health & Human Serv., Region IV, Atlanta Federal Center	Y				5/9/2018 AMN	https://www.hhs.gov/about/agencies/eaar/regional-offices/region-4/index.html?language=en	
Mr.	Mr.	Lee	Andrews	Field Supervisor	U.S. Fish & Wildlife Service, Kentucky Ecological Services Field Section	Y				5/9/2018 AMN	http://www.fws.gov/frankfort/staff.html	
Mr.	Mr.	Washburn	Bridge Administrator	Bridge Administrator	U.S. Coast Guard, Eighth District Western Rivers Bridge Branch	Y				5/10/2018 AMN	http://www.uscgg.mil/D8/WesternRiversBridges/	
Mr.	Mr.	Michael	Browder	Field Office Director	U.S. Department of Housing & Urban Development, KY Louisville Field Office	Y/N				5/9/2018 AMN	https://portal.hud.gov/hudportal/HUD?sc=program_offices/field_policy_mgt/localoffices	
Ms.	Ms.	Linda	Goodman	Kentucky Division Administrator	Federal Motor Carrier Safety Administration	Y/N				5/9/2018 AMN	http://one10.dot.gov/office/fmcsa/Rosters/fieldroster.pdf	
Ms.	Ms.	Yvette	Taylor	Regional Administrator	Federal Transit Administration, Region IV	Y/N				5/9/2018 AMN	https://www.transit.dot.gov/about/regional-offices/region-4/#region-4-staff-or-organization	
Lt. Colonel	Lt. Colonel	William	Miller	Commander	U. S. Army Corps of Engineers, Huntington District	Y/N				5/9/2018 AMN	http://www.ih.usace.army.mil/About/Leadership.aspx	
Ms.	Ms.	Linda	Murphy	Deputy District Engineer	U. S. Army Corps of Engineers, Louisville District	Y/N				5/9/2018 AMN	http://www.ih.usace.army.mil/About/Leadership.aspx	
The Honorable Senator	The Honorable Senator	Rand	Paul	United States Senator	United States Senate	Y				5/9/2018 AMN	http://www.senate.gov/senators/contact/	
The Honorable Senator	The Honorable Senator	Michelle	McConnell	United States Senator	United States Senate	Y				5/9/2018 AMN	http://www.senate.gov/senators/contact/	
The Honorable Congress	The Honorable Congress	Thomas	Messie	United States Representative - District 4	U. S. House of Representatives	Y/N				5/9/2018 AMN	http://www.house.gov/representatives/	
Ms.	Ms.	Judy	Lyons	Chapter Chair	Sierra Club	Y				5/9/2018 AMN	http://kentucky.sierraclub.org/membership/leadership.aspx?Vn=CbYrIdU	
Mr.	Mr.	Chris	Spear	President	American Trucking Associations	Y				5/9/2018 AMN	http://www.trucking.org/	
Mr.	Mr.	Keith	Talley Sr.	Director	Louisville Metro Air Pollution Control District					5/11/2018 AMN	https://louisvilleky.gov/government/air-pollution-control-district/contact-apcd	
NOTES:												
The last column in the spread sheet which says 'Send', the Y is always sent. Y/N, a decision has to be made of who to send it to.												
For additional airport, railroad, pipeline, and waterway contacts, see the Multimodal branch's Mode Book: http://transportation.ky.gov/Planning/Documents/Freight%20Planning/Freight%20Modes%20Book%2017_Modes_Book.pdf												

Mailing Title	Letter Title	First Name	Last Name	Suffix	Title	Organization	Address1	Address2	City	State	Zip
The Honorable	Mr.	Paul	Meier		Mayor, City of Crestview Hills		50 Town Center Blvd.		Crestview Hills	KY	41017
The Honorable	Mr.	John	Link		Mayor, City of Edgewood		385 Dudley Rd.		Edgewood	KY	41017
The Honorable	Mr.	David	Jansing		Mayor, City of Lakeside Park		242 Applewood Dr.		Lakeside Park	KY	41017
The Honorable	Senator	Christian	McDaniel		Kentucky State Senator, 23rd District	Kentucky State Legislature	P O Box 15231		Latonia	KY	41015
The Honorable	Representative	Diane	St. Onge		Kentucky State Representative, 63rd District	Kentucky State Legislature	523 Kluemper Ct.		Ft. Wright	KY	41011
The Honorable	Representative	Adam	Koenig		Kentucky State Representative, 69th District	Kentucky State Legislature	170 Herrington Ct. #12		Erlanger	KY	41018
The Honorable	Judge Executive	Kris	Knockelmann		Judge Executive	Kenton County	303 Court Street		Covington	KY	41011

Also Send:

State Representative(s)

Mayor(s)

Other Local Officials

Local Agencies

State Senator(s)

Send CCs:

ALWAYS send BCs to

- KYTC CO - Deputy Secretary
- KYTC CO - Director, Division of Planning
- KYTC CO - Director, Division of Structural Design
- KYTC CO - Director, Division of Highway Design
- KYTC CO - Director, Division of Environmental Analysis
- KYTC CO - Director, Division of Construction
- KYTC CO - Director, Division of Traffic Operations
- KYTC CO - Branch Manager, Geotech Branch (Division of Structural Design)
- KYTC CO - Branch Manager, Strategic Planning (Division of Planning)
- KYTC CO - Branch Manager, Permits Branch (Division of Maintenance)
- FHWA: Division Administrator, KY Division
- FHWA: Project Delivery-Team Leader, KY Division

- Paul Looney
 - Amanda Spencer
 - Bart Asher
 - William Gulick
 - Danny Peake
 - Ryan Griffith
 - Jeff Wolfe
 - Michael Carpenter
 - Steve Ross
 - Greg Preece
 - Thomas L. Nelson, Jr.
 - John Ballantyne
- Paul.Looney@ky.gov
 - Amanda.Spencer@ky.gov
 - Bart.Asher@ky.gov
 - Bill.Gulick@ky.gov
 - Danny.Peake@ky.gov
 - Ryan.Griffith@ky.gov
 - Jeff.Wolfe@ky.gov
 - Micheal.Carpenter@ky.gov
 - Steve.Ross@ky.gov
 - Greg.Preece@ky.gov
 - Thomas.Nelson@dot.gov
 - John.Ballantyne@dot.gov

CHOOSE the Districts to send BCs to

- District 6
- KYTC CO Planning Liaison for Dist 6
- KYTC D6 Chief District Engineer
- KYTC D6 Project Development Branch Manager
- KYTC D6 Planning Supervisor

- Deanna Mills
 - Bob Yeager
 - Mike Bezold
 - Carol Callan-Ramler
- Deanna.Mills@ky.gov
 - Robert.Yeager@ky.gov
 - Mike.Bezold@ky.gov
 - Carol.Callan-Ramler@ky.gov