

# US 31W to KY 218 Connector Horse Cave, Hart County, KY



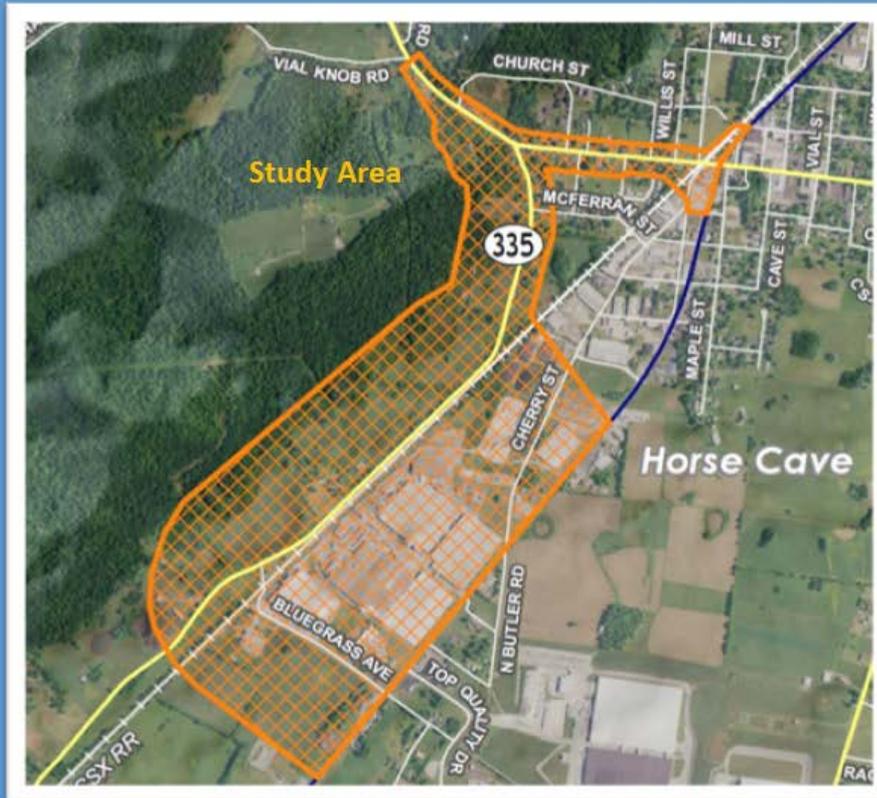
FHWA

Public Meeting

April 24, 2018



# Meeting Announcement



## Horse Cave Connector Project

Join us for a Public Meeting

April 24, 2018

5:00-7:00 PM

Caverna High School

**Questions? Comments? Concerns?**

Please contact either:

Larry Krueger, P.E.  
KYTC District 4  
634 E Dixie Ave.  
Elizabethtown, KY 42701

Tom Springer, AICP  
Qk4, Inc.  
1046 E. Chestnut St.  
Louisville, KY 40204

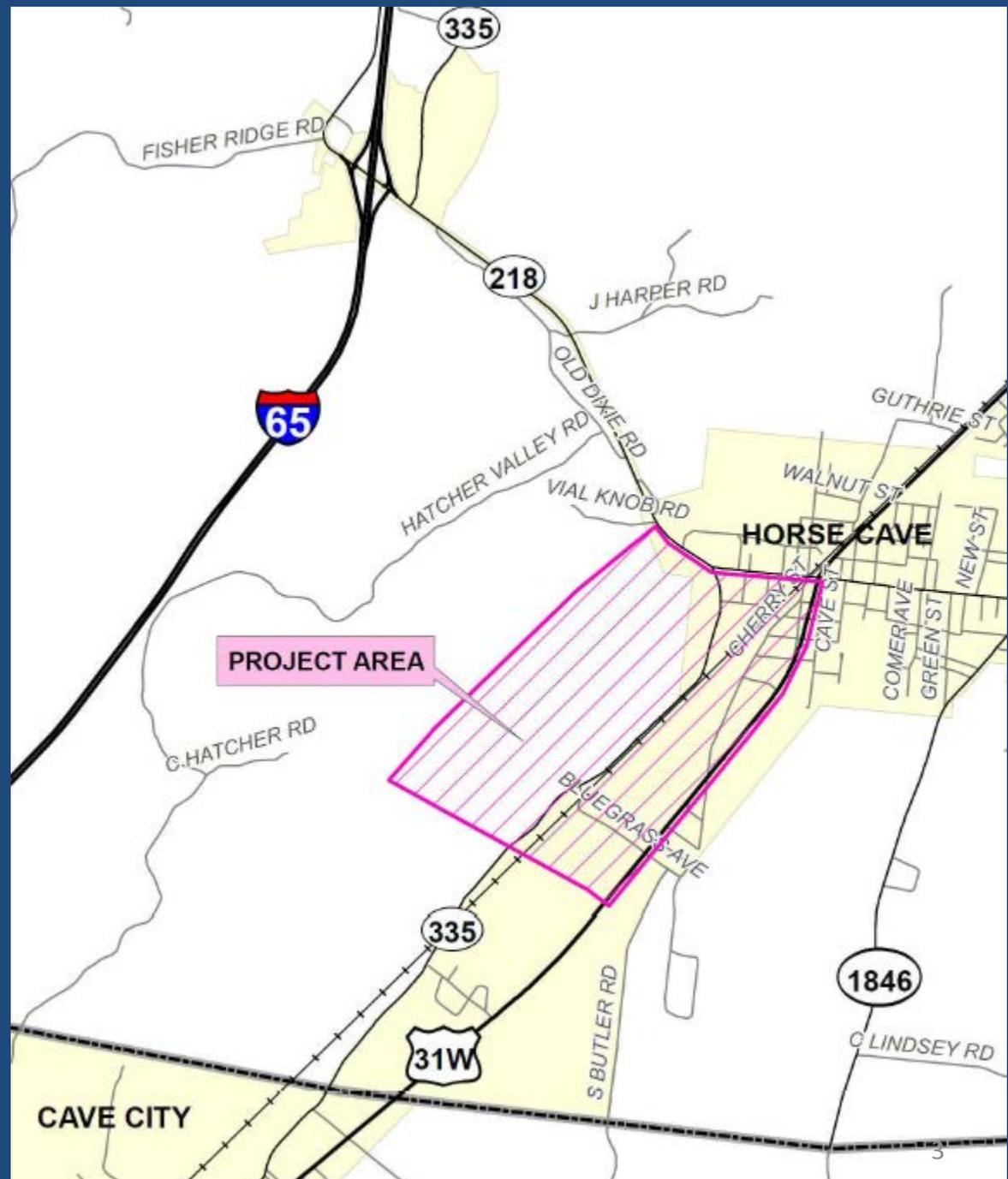
(270) 766-5066  
Larry.Krueger@ky.gov

(502) 719-7930  
tspringer@qk4.com

# Project Description



*To Improve Mobility, Connectivity, and Safety by Addressing Commercial and Industrial Traffic Movement from US 31W South of KY 218 to I-65*



# Purpose and Need

*Defines the reason for the improvement and range of solutions worth studying*

**The purpose of the project is to improve mobility and connectivity by addressing commercial and industrial traffic movements between I-65 and Horse Cave's industrial areas to the south along US 31W.**

## Secondary Goals:

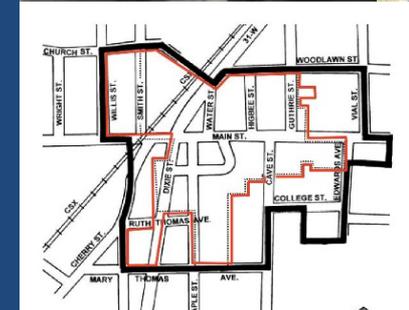
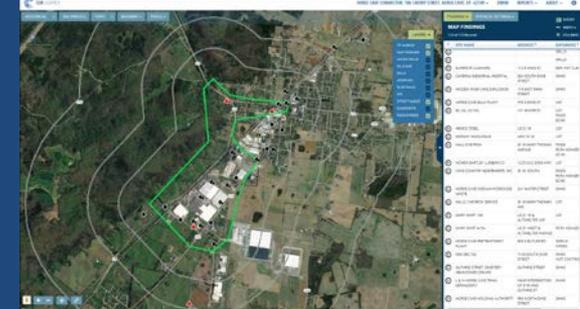
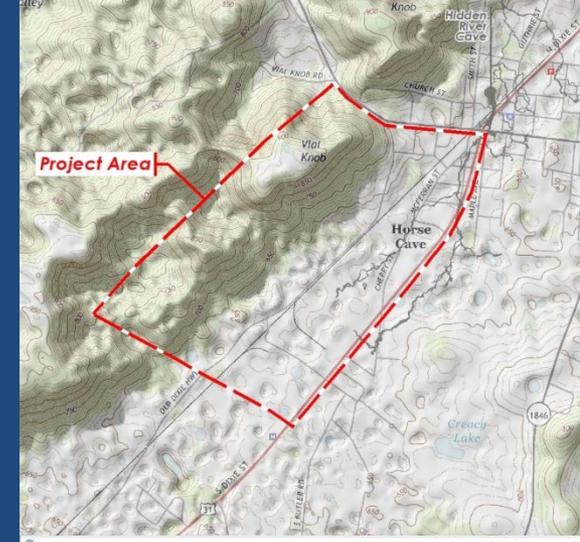
- Improve access for emergency medical responders
- Maintain the existing KY 218 movement to downtown
- Support local/regional bike plans

# Environmental Process

- ✓ – Purpose and Need
- ✓ – Broad Range of Alternatives
- ✓ – Short Range of Alternatives, inc. No Build Option
- **Public Meeting**
- Detailed Assessment of Impacts and Benefits
  - Air, Noise, Socioeconomic, Historic, HazMat, Ecology, etc.
- Resource Agency Coordination
- Document Process and Decisions

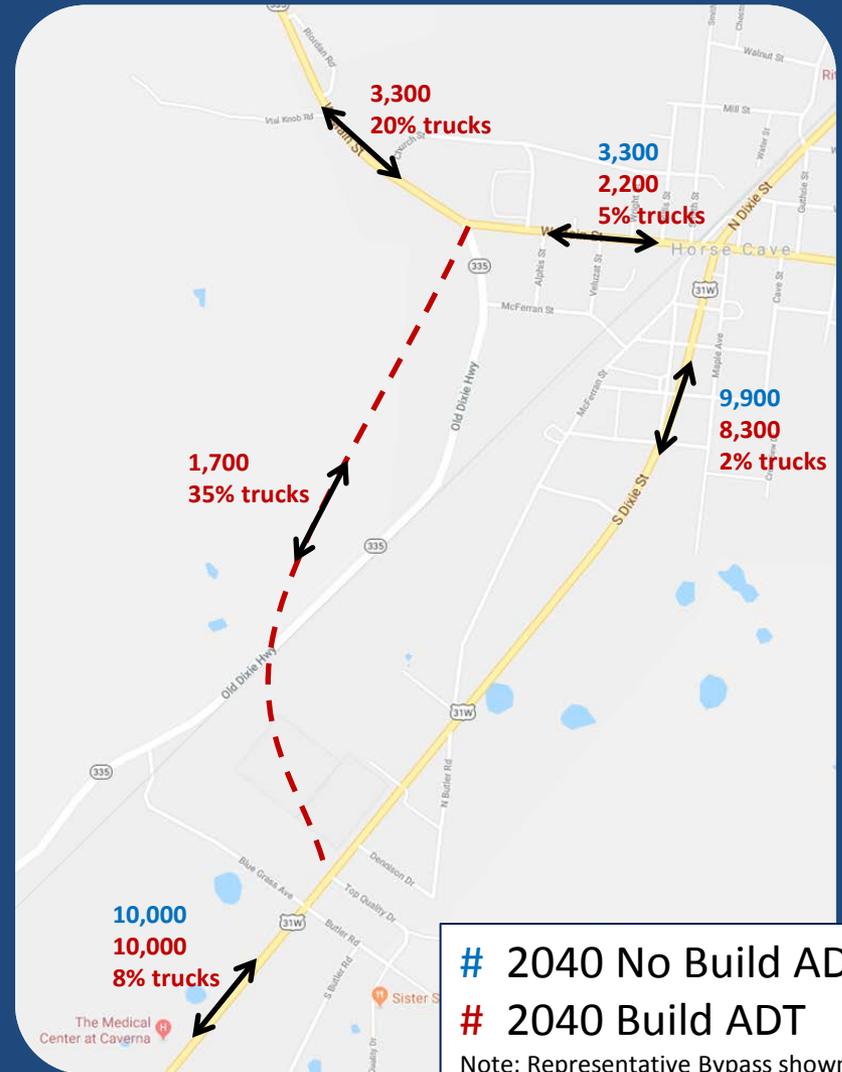
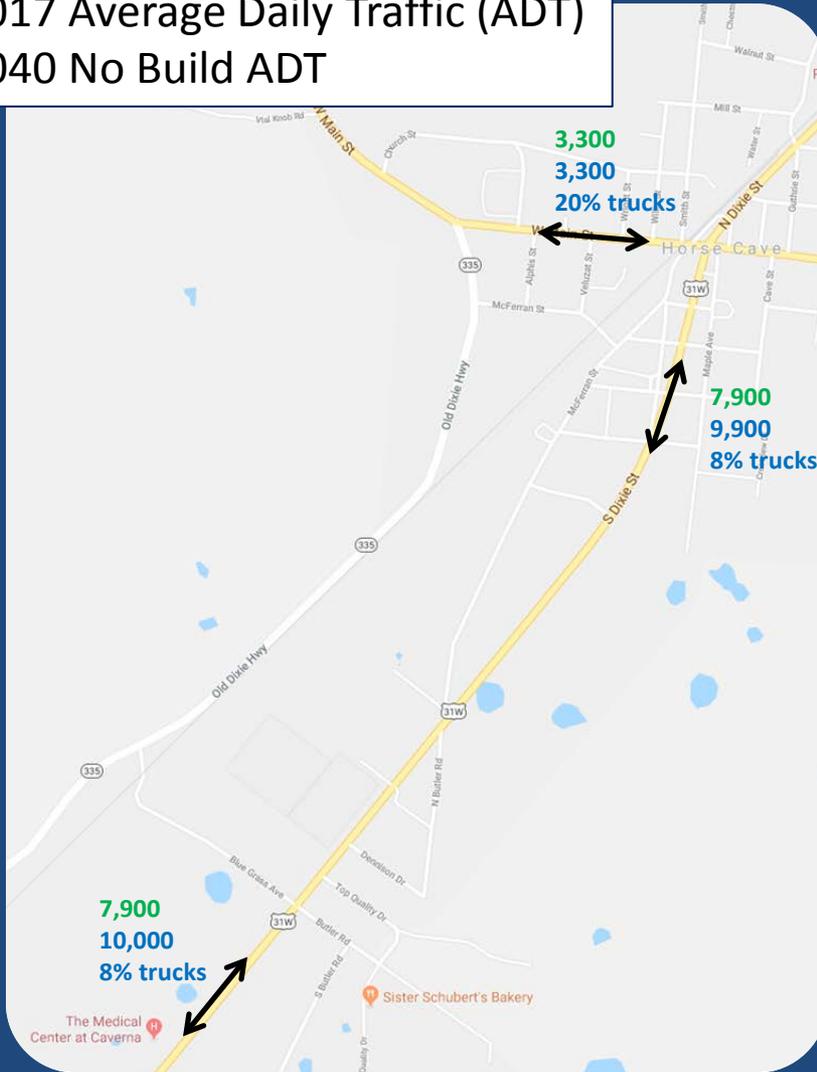
# Environmental Studies

- Noise Readings
- Potential Environmental Justice/Community Impacts
- Hazardous Materials
- Ecology: Threatened & Endangered Species, Streams, Wetlands, Floodplains, Sinkholes & Caves
- Historic & Archaeological Sites
  - Section 106 consultation process



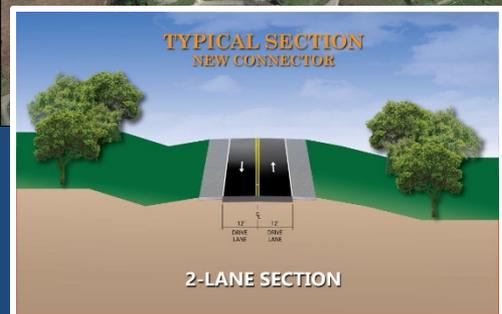
# Projected Traffic Volumes

- # 2017 Average Daily Traffic (ADT)
- # 2040 No Build ADT



- # 2040 No Build ADT
  - # 2040 Build ADT
- Note: Representative Bypass shown

# Build Alternative Concepts



Remember: the No Build Alternative is also a valid option.

# Build Alternative Concepts

HART CO. ITEM NO. 4-441  
 US 31W - KY 218 CONNECTOR  
 SUMMARY OF COST ESTIMATES  
 2016 Highway Plan Budget: \$10,900,000

	ALTERNATIVES				
	1	2	3	4	5
LENGTH (miles)	1.68	1.72	0.93	0.81	0.57
RESIDENTIAL RELOCATIONS	0	0	0	0	10-15
BUSINESS RELOCATIONS	0	0	1	2	2
CONSTRUCTION COST	\$ 9,600,000	\$ 9,400,000	\$ 6,900,000	\$ 6,800,000	\$ 3,700,000
RIGHT-OF-WAY COST	\$ 2,050,000	\$ 2,010,000	\$ 2,390,000	\$ 1,800,000	\$ 4,200,000
UTILITY COST	\$ 1,930,000	\$ 3,590,000	\$ 1,430,000	\$ 1,340,000	\$ 1,210,000
TOTAL COST	\$ 13,580,000	\$ 15,000,000	\$ 10,720,000	\$ 9,940,000	\$ 9,110,000

# How Do Roadways Get Built?

Planning



Funding



Preliminary Design & Environmental 



Final Design



Right of Way & Utilities



Construction



# Next Steps

- Take the survey at  
<https://qk4.typeform.com/to/qPe23j>
- **May 9**: Comments due to KYTC
- **June 2018**: KYTC Will Identify a Preferred Alternative
- **Late 2018**: Submit Documentation to FHWA
- **February 2019**: FHWA Decision