

# **2019 Interim Joint Committee on Appropriations and Revenue**

## **Budget Review Subcommittee on Transportation**

**June 4, 2019**

# **INFRA Project**

**KY 536 (6-14), I-71/I-75 (6-14.5), and KY 338 (6-18)**

**Includes Pavement Rehabilitation on I-75 (MP 169.4- MP 178)**



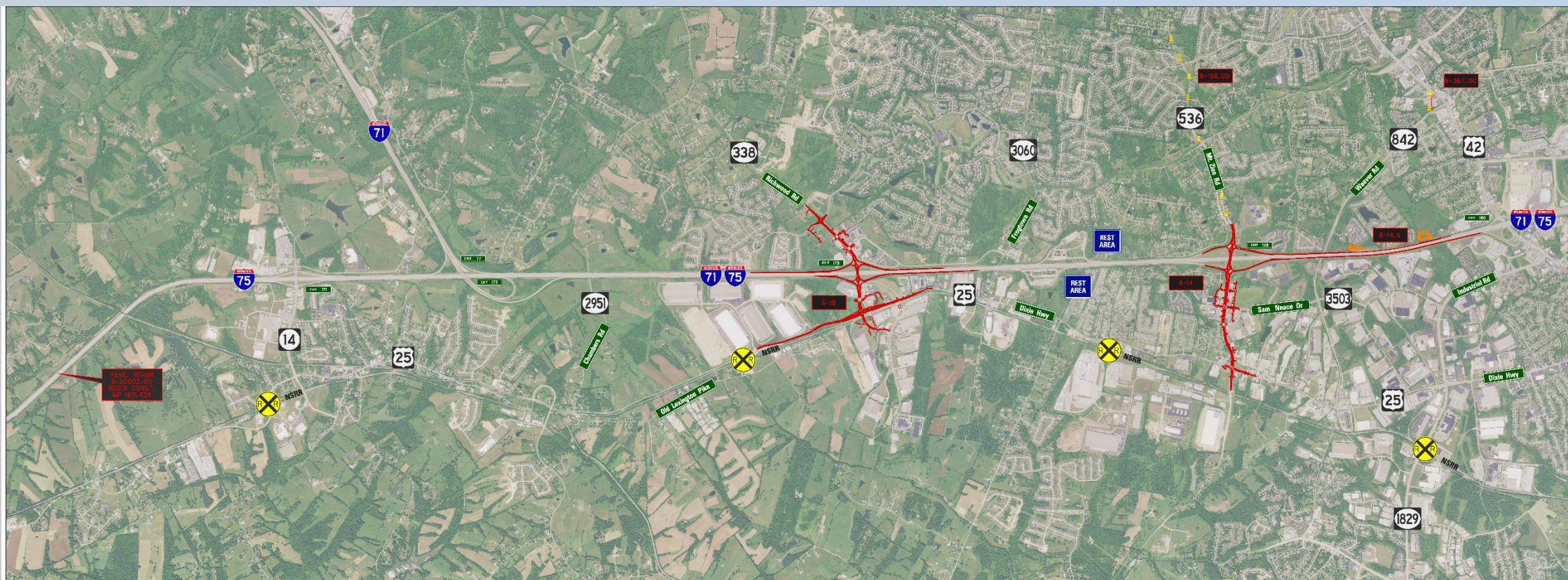
INFRA – KY 536 (6-14), I-71/I-75 (6-14.5), and KY 338 (6-18)

Grant Awarded: June 2018

## Required Obligation of INFRA Funds: September 30, 2020

## Construction Type – Design-Build (D-B)

Pavement Rehabilitation on I-75 (MP 169.4- MP 178) to be included with project





## INFRA – KY 536 (6-14), I-71/I-75 (6-14.5), and KY 338 (6-18)

Project	Right of Way	Utilities	Construction	Total
KY 536 Interchange	N/A	\$7,280,000	\$22,080,000 Estimated (2019)	\$29,360,000
KY 338 Interchange	\$26,250,000	\$12,460,000	\$62,200,000 Estimated (2019)	\$100,930,000
I-71/I-75 Auxiliary Lanes	N/A	\$800,000	\$21,747,83 (let to const. 2019)	\$22,547,831
			<b>Total</b>	<b>\$152,837,831</b>

### INFRA Funding Breakdown

INFRA	Other Federal	State	Local
67,445,000	45,644,653	36,748,178*	3,000,000

\* Required state match to receive \$67.5 M INFRA funds was not identified in the 2018 Highway Plan

I-75 Pavement Rehab (MP 169.4- MP 178) Estimated Construction Cost	\$14,321,000 (PM)
--	-------------------

# Why Design-Build (D-B) vs Traditional Design-Bid-Build (D-B-B)

## Time Management and Risk Management

- Flexibility to begin relocation of utilities while finalizing design or acquiring right of way
- Flexibility to begin construction while acquiring rights of entry (R/W) | better time utilization
- Flexibility to begin construction while collaborating with Norfolk Southern Railroad and the multiple rail components affected
- Multiple projects gives contractor control over road/ramp closures to minimize impacts to driving public as affecting both interchanges
- Allows for construction innovation by providing contractors an extended period of time (~ 5 months) to strategize a plan of construction as opposed to the 21 days of D-B-B
- Provides best opportunity to meet time-sensitive INFRA commitments

## Anticipated Cost Savings

- D-B gives flexibility for contractor to begin construction sooner
  - Rewards: Reduction of daily congestion delays – increases movement of commuters, goods, and services
  - Rewards: Benefits future economic development – encourages new commercial/industry or expansion of existing commercial/industry enterprises
- Complete Construction Sooner: extended construction seasons result in higher construction costs due to increased construction cost index; the sooner projects can be constructed provides the optimal construction cost

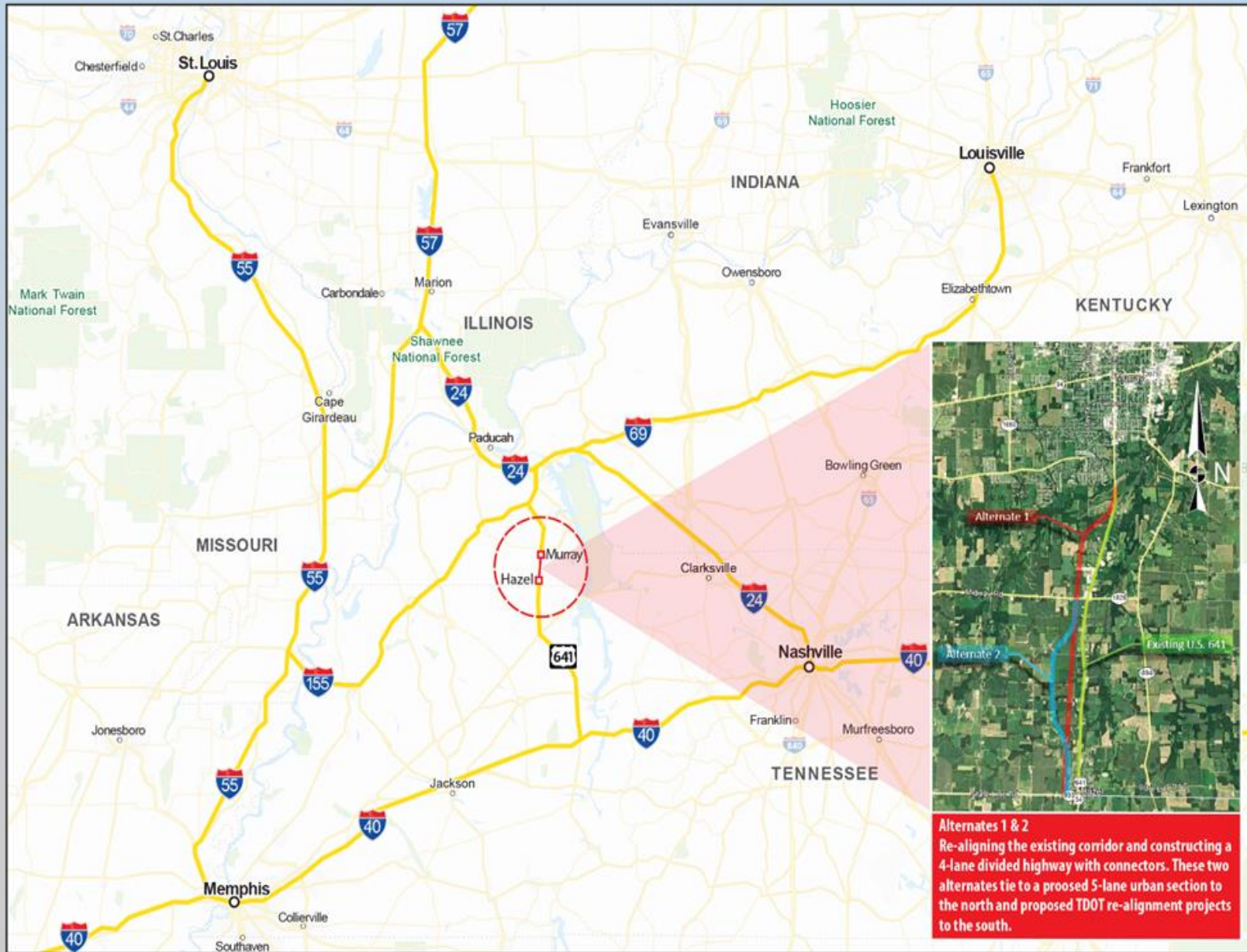
## Schedule of Projects

Action	INFRA I-75
	<i>Date</i>
Advertisement	May 2019
Pre-Proposal Meeting (Mandatory) - <i>held</i>	May 17, 2019
Statements of Qualifications Due	May 31, 2019
Short-list	June 14, 2019
Alternate Technical Concept Process	June 19, 2019 thru August 14, 2019
Alternate Technical Concept Approvals	August 30, 2019
Technical Proposals Due	October 4, 2019
Price Proposals Due	October 18, 2019
Project Award	By October 31, 2019
Project Completion Date	November 2022

# US 641 Calloway County, BUILD Grant Project

1-314.20 - Improve US 641 from the TN State Line to the Clarks River Bridge





## **Calloway County Project**

**\$56.5 Million Total Project Cost**

### **Funding**

**\$23 M BUILD Award**

**\$18 M other Federal**

**\$14.5 M State Funds** (State match to receive the \$23 M BUILD funds was not identified in the 2018 Highway Plan)

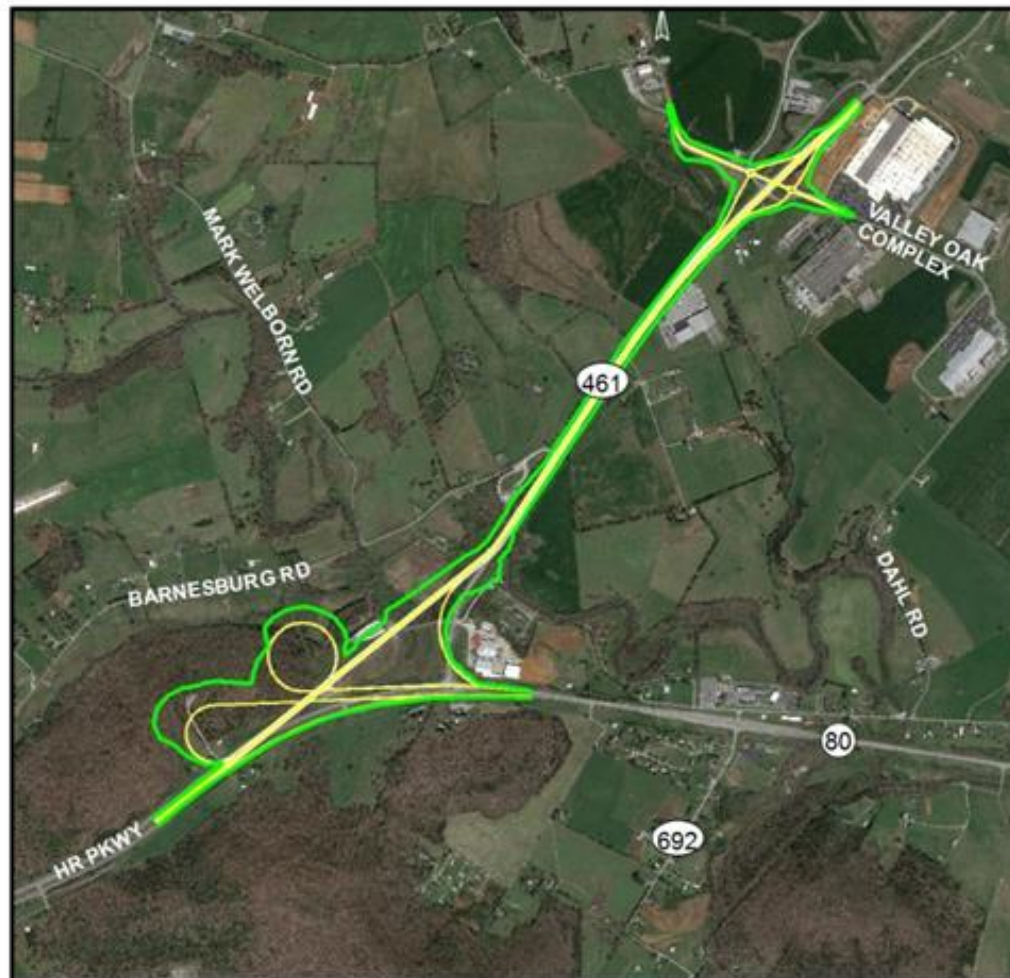
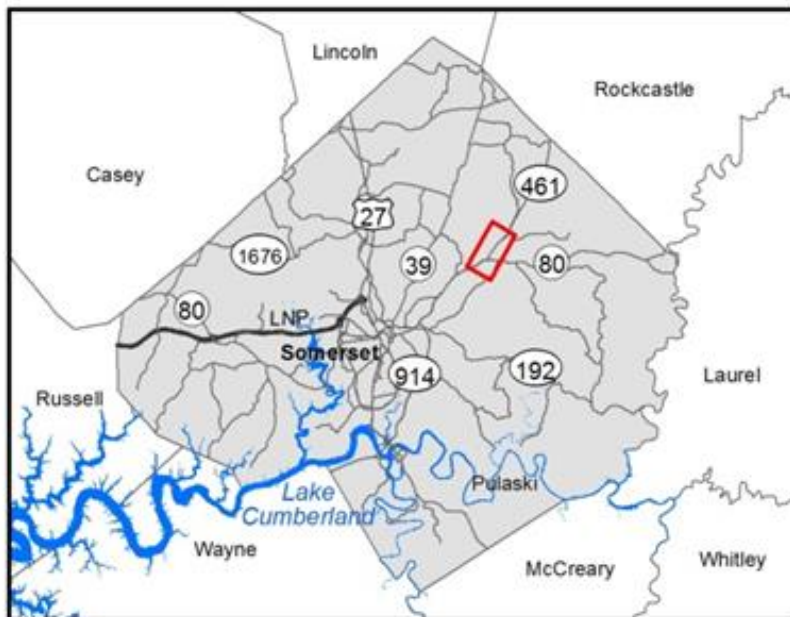
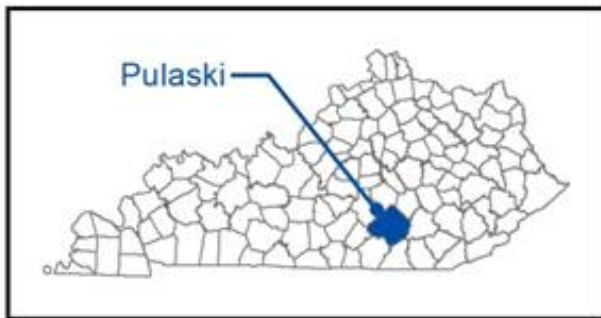
**\$1 M Local Funds**

- Design Plans 50% complete
- Environmental Document anticipated September 2019
- Begin Right-of-Way acquisition Fall 2019
  - \$1 M in state dollars have been authorized for ROW. Beginning title work and appraisals. Opportunity for advanced acquisition if environmental is delayed.
- Obligation of BUILD funds by September 30, 2020

# KY 461, Pulaski County BUILD Project

8-59.25 & 8-59.26 – Improve KY 461 from KY 80 to Buck Creek Bridge, including the Interchange at KY 80.





## **Pulaski County Project**

**\$69.375 Million -Total Project Cost**

**Funding**

**\$25 M BUILD Award**

**\$26.296 M Other Federal**

**\$12.862 M State** (State match to receive the \$25 M BUILD funds was not identified in the 2018 Highway Plan)

**\$5 M Local**

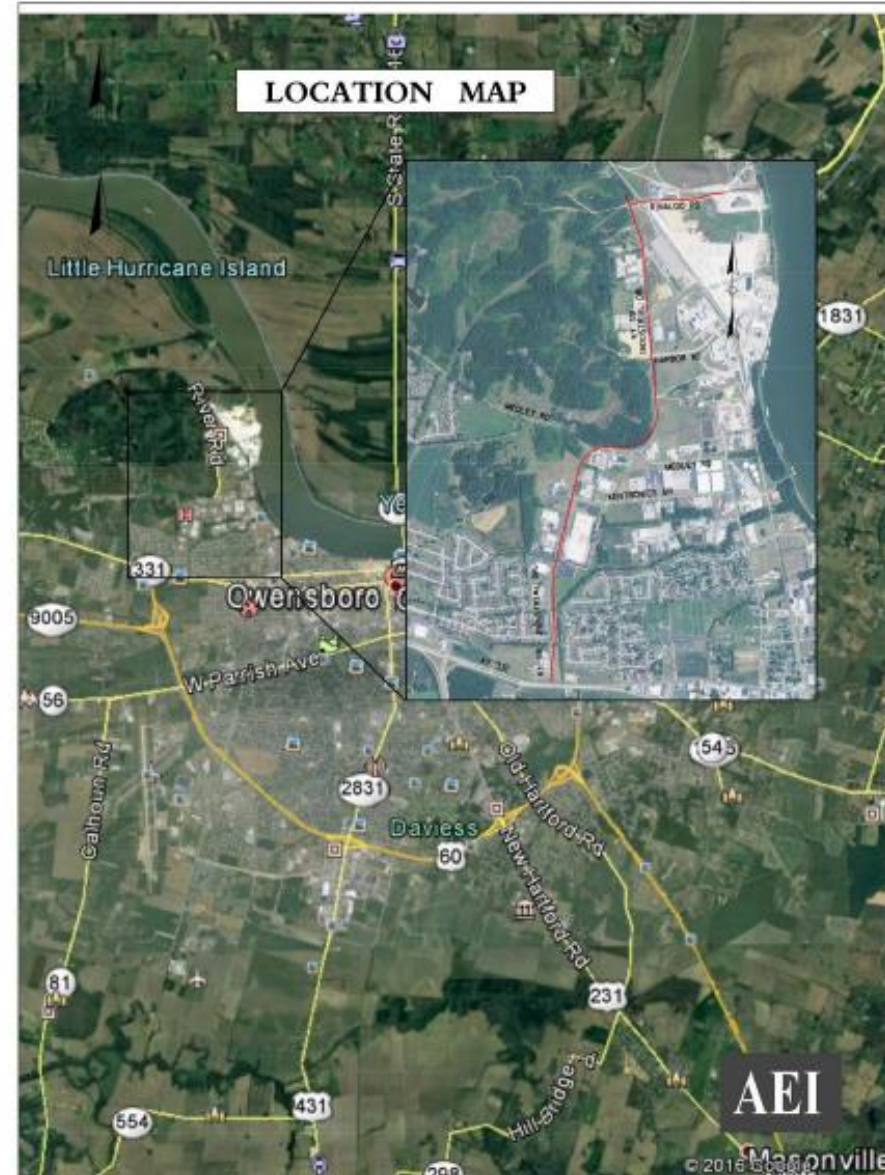
**\$0.217 M Private Contribution**

- Selected Preferred Alternative 9/27/2018
- First Public Meeting held on 11/8/2018
- Anticipated Environmental Document: July 2019
- Advance ROW acquisition – 4 parcels purchased as of 5/29/2019. Remaining 52 parcels in process.
- Final Plans anticipated April 2020
- Obligation of BUILD funds by September 30, 2020



# KY 331, Daviess County Owensboro Riverport Authority BUILD Project

2-8952 – Widen Lanes and Shoulders of KY 331 from the Intersection with Second Street to Rinaldo Road. Widen Rinaldo Road from KY 331 to the Rail Loadout.



## **Owensboro Riverport Authority (ORA), Daviess County Project**

**\$14.40 Million-Total Project Costs**

### **Funding**

**\$11.52 M BUILD Award**

**\$0.6 M State (FD04)**

**\$0.6 M State (FD07- Economic Development Funds)**

**\$1.68 M ORA Funds**

- Currently reviewing alternatives
- Environmental Document anticipated 10/31/2019.
- Right of Way acquisition anticipated to begin 1/1/2020
- Obligation of BUILD funds by September 30, 2020

## **2019 INFRA Grant Submittal**

### **I-265 Improvements – I-265 Widening and I-64/I-265 Interchange Reconstruction**

- Grant application was submitted on March 4, 2019
- Requested \$20 M in INFRA Funds to be match with \$37.6 M other Federal and \$20 M State
- Total Future Project Cost - \$77.6 M
- Project- Widening of I-265 from KY 155 (Taylorsville Rd) to KY 3084 (Old Henry Road) totaling 5.6 miles. Reconstruction of I-65/I-265 Interchange to eliminate cloverleaf configuration to improve safety and reduce congestion.
- Announcement of Awards expected by July 15, 2019

## **2019 BUILD Grant Opportunity**

- \$900 million to be awarded by USDOT
- \$450 M for Urban Projects (>200,000 pop.), requiring 20% match
- \$450 M for Rural Projects ( $\leq$ 200,000 pop.), no match required
- \$90 M maximum award amount per state
- \$25 M maximum award per project
- KYTC is providing funding for the development of 10 BUILD Grant applications to be submitted by the respective counties
- Applications due July 15, 2019
- Announcement of awards by November 12, 2019
- Grant funding must be obligated by September 30, 2021



## **2019 BUILD Grant Opportunity**

### **Projects to be submitted:**

- Ballard County, US 60 Reconstruction
- Bourbon/Scott County, US 460 Reconstruction\*
- Christian County, Pembroke Connector and KY 115 Widening
- Fayette County, Newtown Pike Extension
- Greenup/Carter County, KY 67 (Industrial Pkwy) Spot Improvements and Congestion Mitigation\*
- Kenton/Boone County, KY 536 Reconstruction from US 25 to KY 17\*
- Laurel County, Widen US 25 from KY 1006 to KY 2069, New Connector from US 25 to KY 229, and New School Entrance\*
- Madison County, KY 52 Relocation from Wallace Mill Rd to Duncannon Lane/I-75 Interchange\*
- Pike County, KY 194 Improvements
- Taylor/Marion/Washington County, Heartland Parkway projects

\*Previously submitted for 2018 BUILD Grant