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**KY 90 Improvements and
Summer Shade Bypass**



KENTUCKY
TRANSPORTATION CABINET

METCALFE COUNTY

May 3, 2016

Item No. 03-0112.10



*KY 90 Near
KY 640 Intersection*



KY 90 Near Cemetery Road

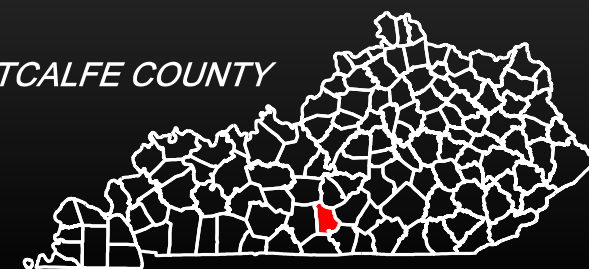


KY 90 near TVA Substation



KY 90 Bridge over Glover Creek

METCALFE COUNTY



WELCOME!

Meeting Purpose and Goals

The purpose of this public meeting is to present the various alternatives that have been developed for the KY 90 Summer Shade Bypass project, and to collect feedback from local residents, businesses, traveling public, and other concerned parties. To assist in the design and development of this project, the Kentucky Transportation Cabinet (KYTC) requests that the public provide comments regarding the project in general, as well as preferences regarding individual alignment alternatives and options.

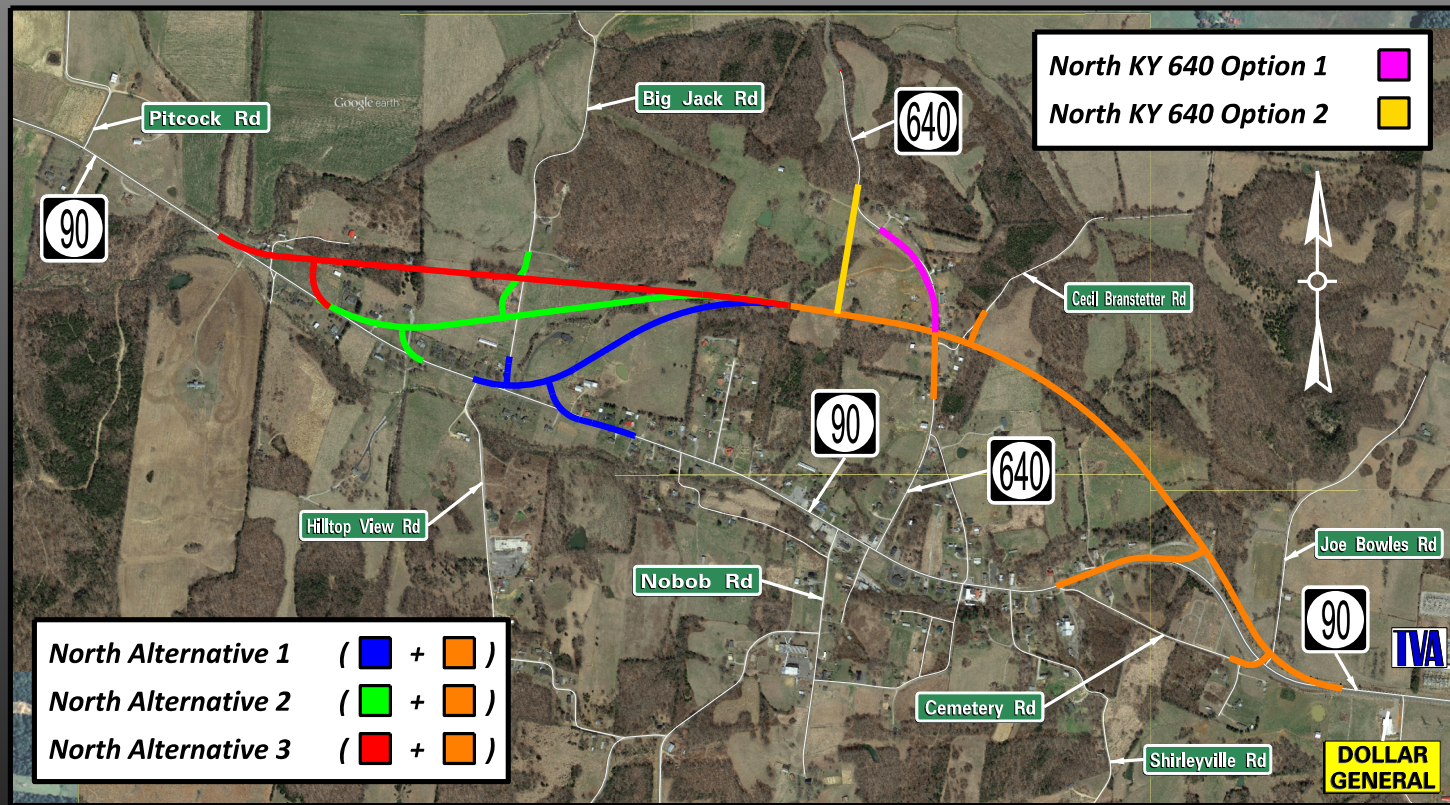
Please visit the informational displays/exhibits and discuss any questions you may have with project team members. Enclosed is a Comment Form for written comments, opinions, and additional information.

Project Description

The KY 90 improvements project involves construction of a new bypass around Summer Shade beginning on the west side, near Glover Creek bridge and Jim M. Paige Road, and connecting back to KY 90 on the east side close to the Dollar General Store and TVA electrical substation. The project also includes widening of the existing roadway from the Metcalfe/Barren County line to the beginning of the proposed bypass. The existing route through Summer Shade will have connectors to the bypass at each end. The project is being developed based on a 55 MPH design speed for KY 90. The roadway for the new alignment (Bypass) will have 11-foot driving lanes with 8-foot shoulders (6-feet paved); the widening segment along the existing roadway will have 11-foot driving lanes with 6-foot shoulders (2 feet paved).

Presented at this meeting are alignment alternatives for both north and south of Summer Shade.

Northern Alternatives

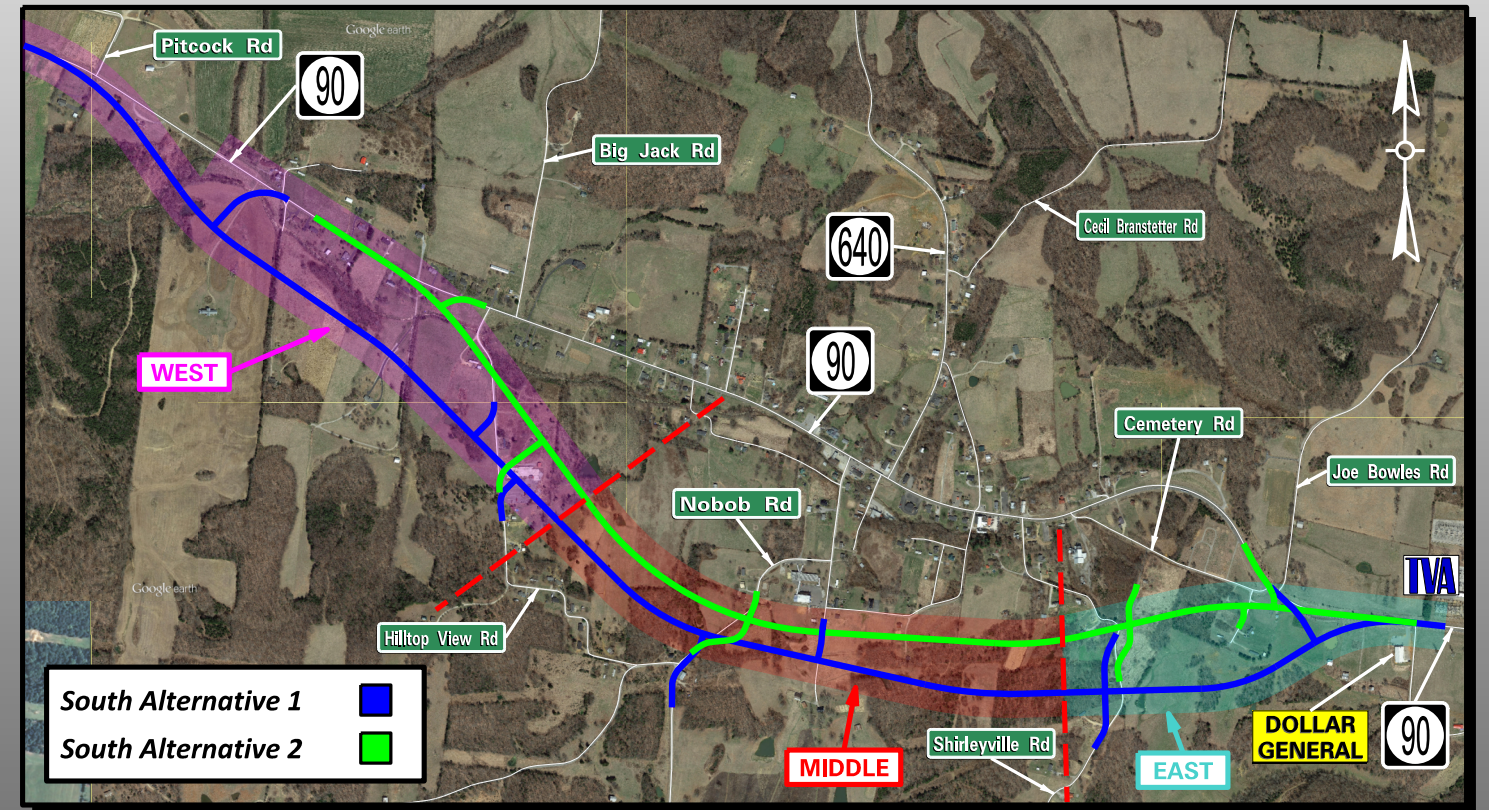


Northern Alternatives

The three northern alternatives are the same from the east end of Summer Shade to just west of KY 640. However, west of KY 640 the north alignment divides into three different prongs, forming the three northern bypass alternatives. The northern bypass lengths range from 1.6 to 2.0 miles, with estimated construction costs ranging from \$14.1M to \$14.4M

The northern bypass intersects KY 640 near Cecil Branstetter Road. Two possible north KY 640 alignment options are shown (the south KY 640 leg is the same regardless of which option is selected). North KY 640 Option 1 lines up directly across from southbound KY 640. North Ky 640 option 2 introduces an offset intersection, with the north and south legs offset from each other by approximately 800'. This option provides an improved line of sight to the new bypass.

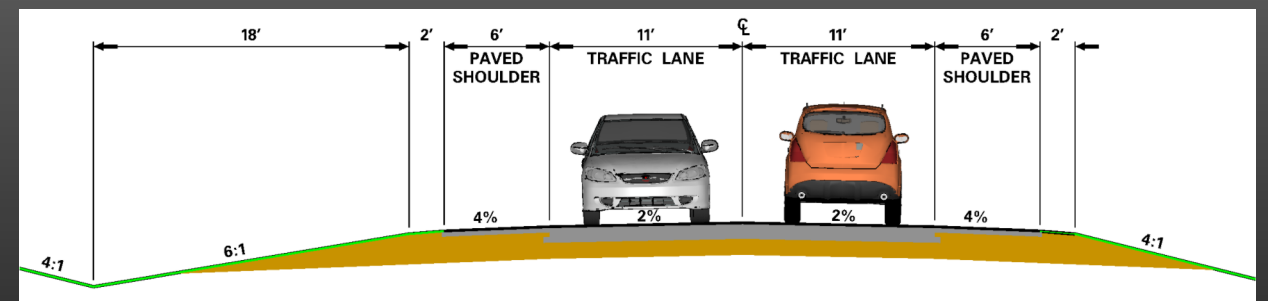
Southern Alternatives



Southern Alternatives

The two southern Bypass alternatives begin at generally the same location east of Summer Shade, following different paths to existing KY 90 west of town. With a length of 2.7 miles, South Alternative 1 (blue) is the longest proposed bypass alternative, approximately 1 mile longer than South Alternative 2 (green). The southern alignments are divided into three sections - west, middle, and east to facilitate the mixing and matching of individual segments from each alternative, if so desired. The estimated construction costs for Southern Alternatives 1 and 2 are \$15.4M and \$13.3M, respectively.

Typical Section



Next Steps

- KYTC and QK4 personnel will carefully review and consider all comments and information submitted as part of the continuing project development process.
- Preferred Alternative Identified Sept 2016
- Federal Approval of Environmental Document February 2017
- Hold Public Hearing May 2017
- Final Decision made on Alternative to advance to Final Design July 2017

Thank you for attending and participating in this important highway project meeting.