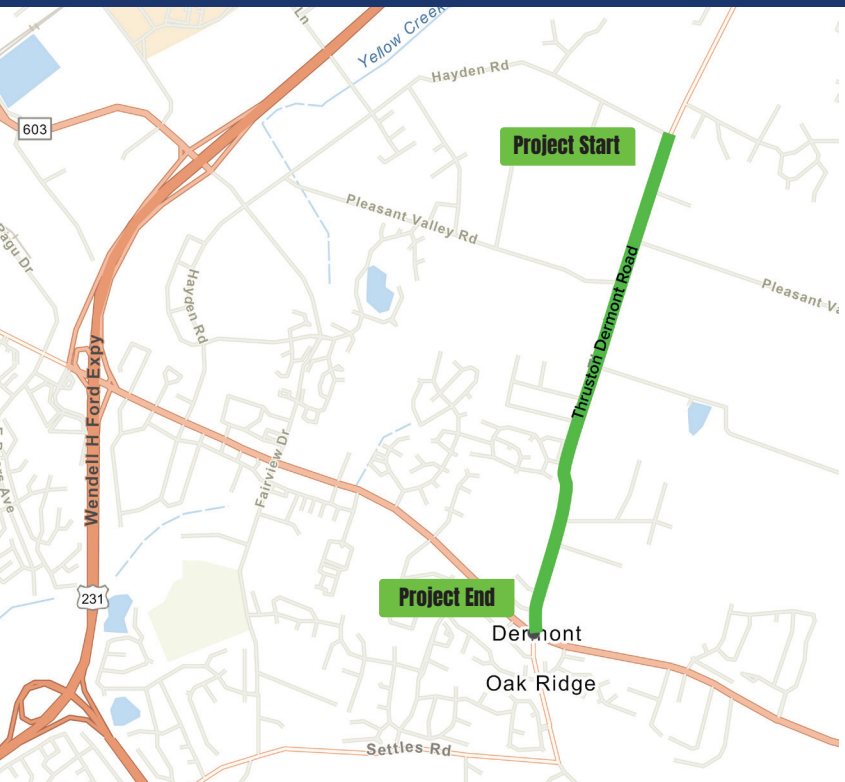


**THE KENTUCKY TRANSPORTATION CABINET HAS AN
ACTIVE DESIGN PROJECT IN YOUR AREA**



**KY-1456 FROM KY-54 TO
HAYDEN ROAD**
Davies County
KYTC Item #2-8801

**Kentucky Transportation Cabinet
District #2
1840 North Main Street
Madisonville, KY 42431**



FOR ADDITIONAL INFORMATION



RENEE BOUCHERIE, PE

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PROJECT INFORMATION

PROJECT DESCRIPTION

This project, Item 2-8801.00, is located on KY 1456 in Daviess County in Owensboro. The project can best be described as safety improvements on KY 1456 from approximate M.P. 2.8 to M.P. 4.1 including intersection improvements with Pleasant Valley Road.

PURPOSE AND NEED STATEMENT

The purpose of the project is to

1. improve motorist safety along KY 1456 (Thruston-Dermont Road) from KY 54 to Hayden Road,
2. improve pedestrian and bicyclist accessibility and safety, and
3. accommodate future traffic growth.

The needs stems from:

- KY 1456 has a narrow typical section with 9' driving lanes and 3' graded shoulders,
- KY 1456 has a substandard horizontal curve that does not meet the posted or design speed of 35 mph,
- KY 1456 has substandard vertical curves that do not meet the posted or design speed of 35 mph.
- The substandard vertical curve at the intersection of KY 1456 and Pleasant Valley Road West does not allow for adequate intersection sight distance.
- The proposed multi-use facility along KY 54 and the Adkisson Greenbelt (located approximately ¼ mile south of KY 54 along KY 1456) combined with the heaving residential uses along the route increase the need for a pedestrian friendly facility within the project limits for improved pedestrian accessibility and safety.
- Future traffic growth along KY 54, KY 1456, and Pleasant Valley Road. KY 1456 has future traffic impacts that connects the future growth of KY 54 and Pleasant Valley Road with the many driveways and accesses along KY 1456, including businesses, a school/church, residences, and a future residential development.

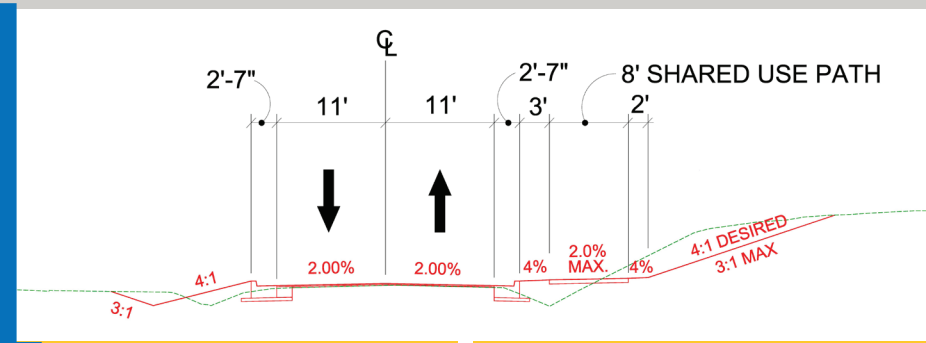
DESIGN CRITERIA

KY 1456 is an urban major collector within Owensboro city limits. It is to be constructed in rolling terrain with a 35-mph design speed. Access to adjacent properties will be by permit. For all alternatives, it is important to note the proposed alignment was placed with respect to widening and minimizing impacts to the existing right of way and residences. There are no statistically significant crash problems identified in the crash analysis for the entire project.

PROJECT UPDATES

THE PROJECT TEAM MET IN APRIL TO SELECT THE "PREFERRED ALTERNATIVE" AS DESCRIBED BELOW:

- A two-lane roadway from KY 54 to Hayden Road with a widened eleven foot (11') driving lane in each direction. In addition, the roadway will have a curb and gutter system on both sides of the road with underground drainage for the pavement drainage. Finally, an eight foot (8') shared use path will be included that can accommodate both pedestrians and cyclists. See the graphic for details.
- Improved vertical crest curves (hump curves) to current standards including the three curves from Pleasant Valley Road to Brent Gray Trace.
- The horizontal curve at Heritage Baptist Church will be improved.
- Turn lanes where traffic warrants are met: left turn lanes will be added at KY 54, Heritage Baptist Church, Normandy Drive, and Pleasant Valley Road. Also, a right turn lane will be added at Pleasant Valley Road.



NEXT STEPS

FINAL DESIGN

Remainder 2023 — Early 2024

RIGHT OF WAY

Mid 2024

A link to updated plans and profiles (developed to reflect the preferred alternative from the April Project Team Meeting) can be found under the **Featured Projects** at the following website: www.transportation.ky.gov/DistrictTwo



SCAN ME