

Project Status Update Widen English Station Road from West Aiken Road to Avoca Road Jefferson County

Item No. 5-353.00 | February 2019



MAINTENANCE OF TRAFFIC PLAN

PHASE 1 - Temporary Pavement and North English Station Road Construction

PHASE 1A

- No change in the normal traffic patterns required.
- All utility and offline drainage along the west of North English Station Road.
 - Shared entrance on west side of North English Station Road.
 - Temporary pavement on west side of North English Station Road, just south of Old Henry Road.
 - Temporary pavement on the north side of Old Henry Road.

PHASE 1B

- No change in the normal traffic patterns required.
- Temporary pavement on the east side of North English Station Road from West Aiken Road to East Aiken Road.
 - Proposed North English Station Road from East Aiken Road to Avoca Road.
 - The east portion of the proposed Chenoweth Run Culvert.

PHASE 2 - North English Station Road and Old Henry Road Construction

No change in the normal traffic patterns other than traffic between West Aiken Road and East Aiken Road will be restricted to one lane traffic in the SB direction only.

- The west portion of proposed North English Station Road from West Aiken Road to just north of East Aiken Road.
- The west portion of proposed North English Station Road from just south of Chenoweth Run to Old Henry Road.
- The west portion of the proposed Chenoweth Run Culvert
- The south portion of Old Henry Road.

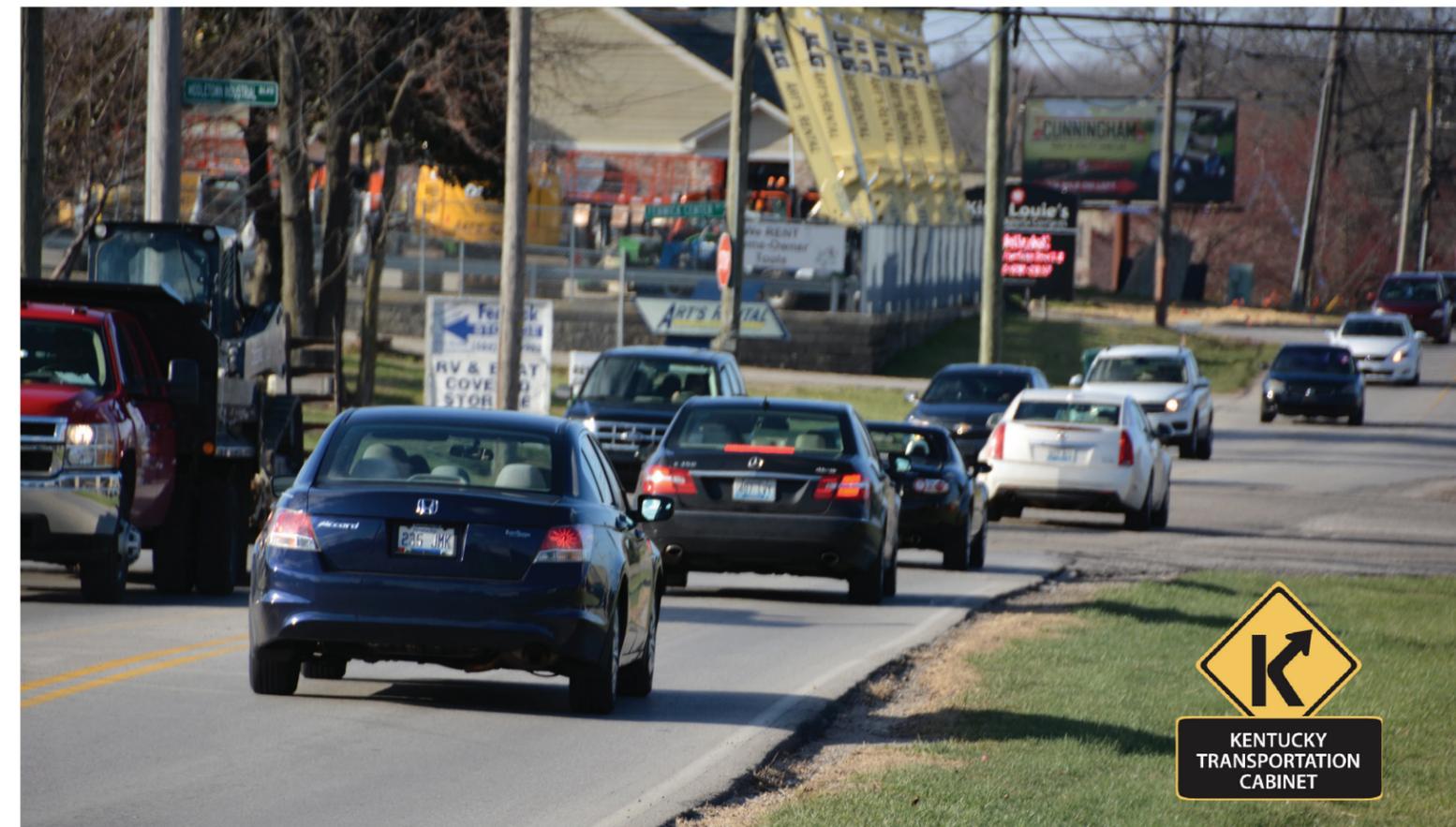
PHASE 3 - North English Station Road, East Aiken Road, and Old Henry Road Construction

PHASE 3A

- Normal traffic patterns will resume, except traffic along East Aiken Road will be detoured to the Bush Farm Road and East Aiken Road intersection.
- Proposed East Aiken Road
 - The west portion of North English Station Road north of Old Henry Road.
 - The north portion of Old Henry Road.

PHASE 3B

- Normal traffic patterns will resume for all locations.
- The east portion of North English Station Road from West Aiken Road to East Aiken Road.
 - Remaining curb and gutter and Shared Use Path on the east side of North English Station Road.



INTRODUCTION

The information contained in this handout describes the current design, impacts and status for a project to improve English Station Road between West Aiken Road and Avoca Road. This informational handout depicts the design changes implemented since the project was last presented to the public in 2001. The original project proposed widening the existing 2-lane roadway to 5-lanes to increase capacity, mobility and safety. The increased roadway width along this highly developed corridor generated excessive right-of-way and utility impacts, including the potential relocation of a 60" water main running parallel to the existing roadway. The costs and impacts associated with the proposed widening were not feasible. Design changes have been implemented to reduce the overall impacts, including coordination efforts with the Louisville Water Company to avoid relocation of the 60" water main. Two significant design changes have enabled the project to move forward: 1) reduction in the proposed roadway width from the original 5-lane to a 3-lane roadway facility and 2) an alignment shift between East Aiken Road and Chenoweth Run to minimize impacts to the 60" water line. These changes and others are identified in EXHIBIT 1 at the bottom of the page.

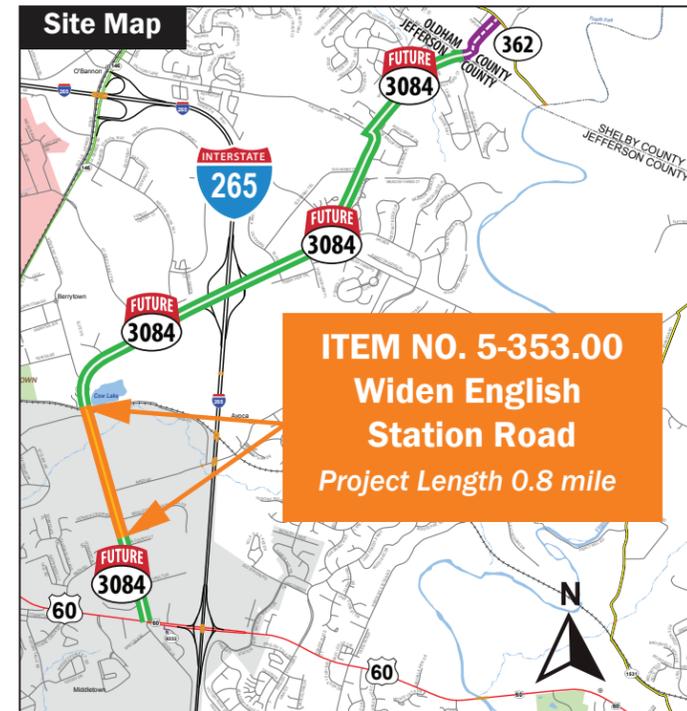
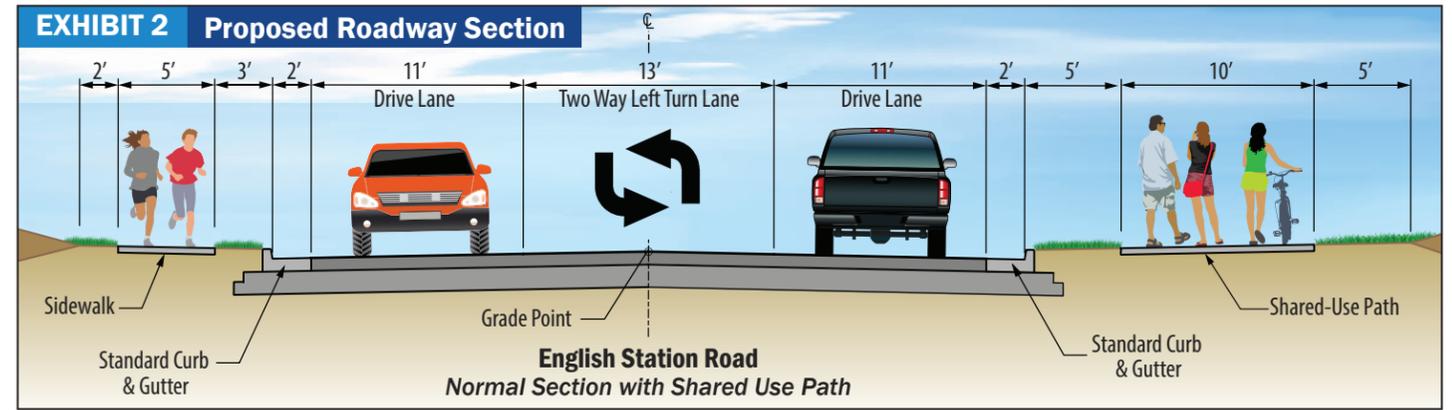
PURPOSE AND NEED

The proposed project is to improve traffic operations and safety by providing a wider roadway configuration to increase capacity and improve the roadway's level of service. Reconstruction of English Station Road will create safer turning movements and eliminate sight distance deficiencies.

PROJECT OVERVIEW

English Station Road between West Aiken Road and Avoca Road varies in width from 21 to 24 feet with minimal shoulders and a posted speed limit of 35 MPH. The proposed project will provide an improved link between the existing 3-lane segments immediately north and south of the project. The project includes the installation of new traffic signals at the East Aiken Road and Old Henry Road intersections and incorporates shared-use facilities for pedestrian and bicycle use. The proposed roadway section is depicted in EXHIBIT 2 at the top of the next page. After construction is completed, the roadway will be incorporated into the state highway system as KY 3084. KY 3084 will begin at the intersection with US 60 (Shelbyville Road), continuing along North English Station Road and Old Henry Road to the Oldham County Line. There is a future project to continue the route, KY 3084, with its eventual termination at KY 362 in Oldham County.

SUMMARY OF PROJECT CHANGES		
Design Elements	Previous Project	Current Project
Design Speed	45 MPH	35 MPH
Number of Lanes	Initial 3-lane build along existing alignment with 5-lane ultimate R/W.	3 lanes (2-11 ft. driving lanes and 13 ft. two way left turn lane).
Roadway Surface	Asphalt	Concrete
Multimodal Accommodations	Purchase for potential future capacity.	5' Sidewalk on west, 10' Shared Use Path on east.
Alignment	Followed existing centerline entire length.	Alignment shift to the east from East Aiken Rd for approximately 1000' then back to existing.
Signals	None	Two new signals (at E Aiken Rd. and Old Henry Rd).
Right-of-Way	Substantial acquisition, S&S Tool was impacted.	Reduced impacts with a 3-lane roadway and 35 MPH design.
Utilities	Substantial relocations (expensive and time consuming).	Minimized relocations, especially the 60" water main under the roadway.
Railroad Crossing	Project terminated just south of railroad crossing.	Warning devices are not consistent with current standards and will be replaced.



PROJECT SCHEDULE

The project is currently in the Final Design phase with Right-of-Way Plans being finalized. Based on schedule and available funding, Right-of-Way acquisition and Utility relocations may begin as early as Spring 2019 at which time the property owners will be contacted by the Kentucky Transportation Cabinet (KYTC) to begin negotiation.

Current Transportation Budget for Item No. 5-353.00

Phase	Authorized FY 2013	Authorized FY 2014	Authorized FY 2017	Estimated FY 2020	Total
Right-of-Way	\$1,000,000		\$1,200,000		\$2,200,000
Utility		\$1,365,000	\$450,000		\$1,815,000
Construction				\$6,400,000	\$6,400,000

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EXHIBIT 1 Item No. 5-353.00—Widen English Station Road to 3 Lanes

