

# Phase 2 – Preferred Alternative

Route 114 (Peppers Ferry Road) – Peppers Ferry Road at Onyx Drive & Peppers Ferry Road at Coal Hollow Road and Vicker Switch (West)

## Project Description

The improvements proposed include:

- 1) **Peppers Ferry Road at Onyx Drive**
  - Install 100-foot westbound left-turn lane
- 2) **Peppers Ferry Road at Coal Hollow Road**
  - Install 100-foot eastbound left-turn lane
  - Reconfigure the intersection to provide a standard T-intersection to minimize the confusion and simplify it to have single entrance and exit lanes
- 3) **Peppers Ferry Road at Vicks Switch Road (West)**
  - Install 100-foot westbound left-turn lane
  - Remove the westbound right-turn lane to Mass Circle
  - Reconfigure the intersection to provide a standard T-intersection to minimize the confusion and simplify it to have single entrance and exit lanes

## Public Input Survey Summary

- The Public Input survey ran from March 1 – March 15, 2024
- There were a total of 891 respondents and 716 comments. Respondents were asked to rank improvements from 1 to 5 (1= Strongly Oppose, 5= Strongly Support)
- The improvements at Onyx Drive were given an average rating of 4.304
- The Coal Hollow Road and Vicker Switch Road (West) improvements had very positive responses with the left-turn lane to Vicker Switch Road (West) having the highest average rating of 4.521

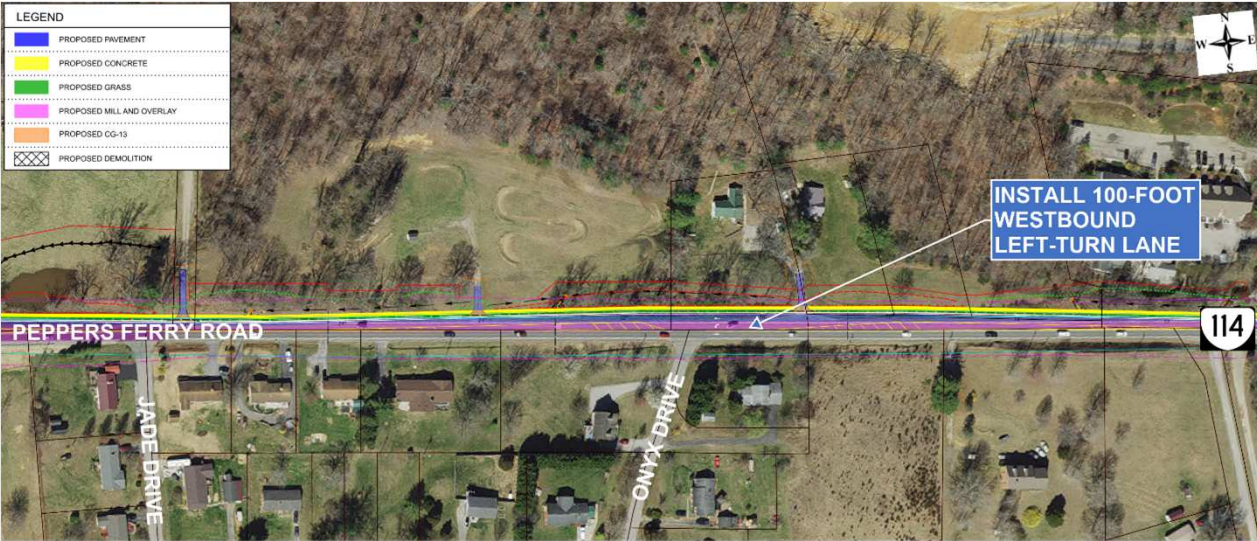
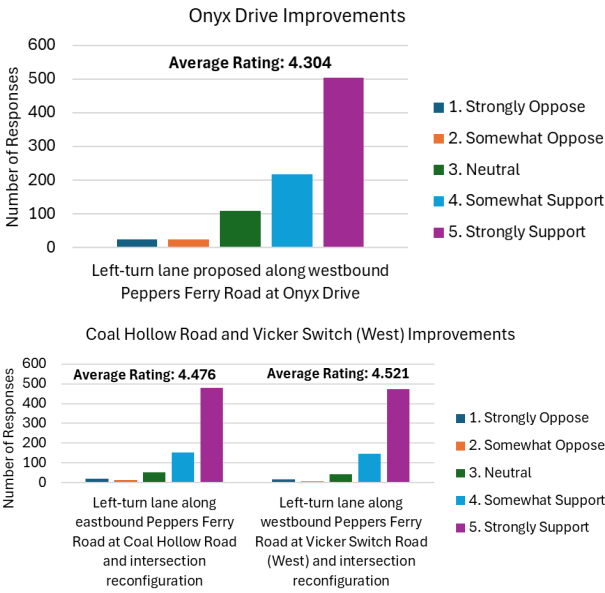


Figure 1: Peppers Ferry at Onyx Drive




Figure 2: Peppers Ferry at Coal Hollow Road and Vicker Switch (West)

## Project Needs

The preferred alternative addresses VTrans needs relating to safety improvements.

### Needs and Priorities

 Safety Improvement	Very High
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## Project Benefits

- The preferred alternative provides the following benefits:
- Improve intersection safety by separating left-turning vehicles from through traffic to reduce the potential for rear end crashes.
  - Simplify intersection geometry and reduce conflict points by reconfiguring existing Y-configured intersections to standard T-intersection configurations.



# Phase 2 – Preferred Alternative

## Route 114 (Peppers Ferry Road) – Peppers Ferry Road at Vicker Switch (East) & Peppers Ferry Road Pedestrian Improvements

### Project Description

The improvements proposed include:

- 1) **Peppers Ferry Road at Vicker Switch Road (East)**
  - Install 100-foot westbound left-turn lane
- 2) **Peppers Ferry Road from Belview Drive to Coal Hollow Road**
  - Install sidewalk on the north side of Peppers Ferry Road
- 3) **Peppers Ferry Road between Belview Drive and Belview Elementary School**
  - Install marked crosswalk with a Rectangular Rapid Flashing Beacon (RRFB) across Peppers Ferry Road controlled by pushbuttons
  - Install flashing warning lights in advance of the crosswalk along both eastbound and westbound of Peppers Ferry Road

### Public Input Survey Summary

- The Public Input survey ran from March 1 – March 15, 2024
- There were a total of 891 respondents and 716 comments. Respondents were asked to rank improvements from 1 to 5 (1= Strongly Oppose, 5= Strongly Support)
- Sidewalks along Peppers Ferry Rd and the pedestrian crossing at Belview Elementary School received average ratings of 3.998 and 3.860, respectively
- The left-turn lane along westbound Peppers Ferry Rd to Vicker Switch Road (east) received an average rating of 4.532

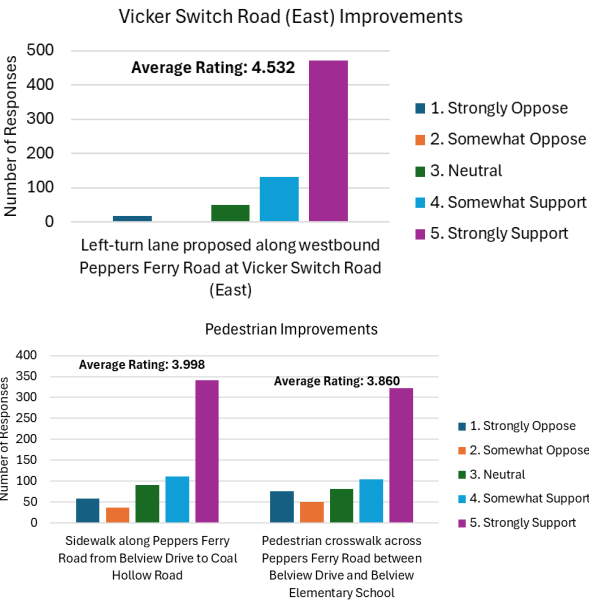


Figure 3: Peppers Ferry Road at Vicker Switch Road (East)

### Project Needs

The preferred alternative addresses VTrans needs relating to safety improvements.

### Needs and Priorities



Safety Improvement

Very High

### Project Benefits

The preferred alternative provides the following benefits:

- Improve intersection safety by separating left-turning vehicles from through traffic to reduce the potential for rear end crashes.
- Improve safety for pedestrians walking along Peppers Ferry Road and crossing near Belview Elementary School.



Figure 4: Pedestrian Improvements