

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

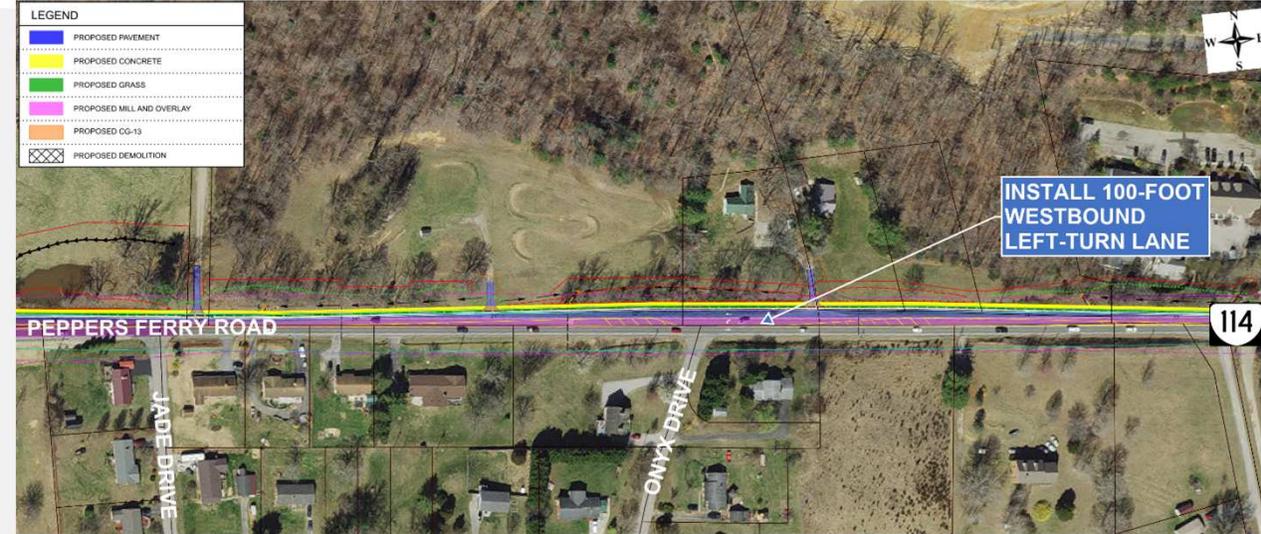
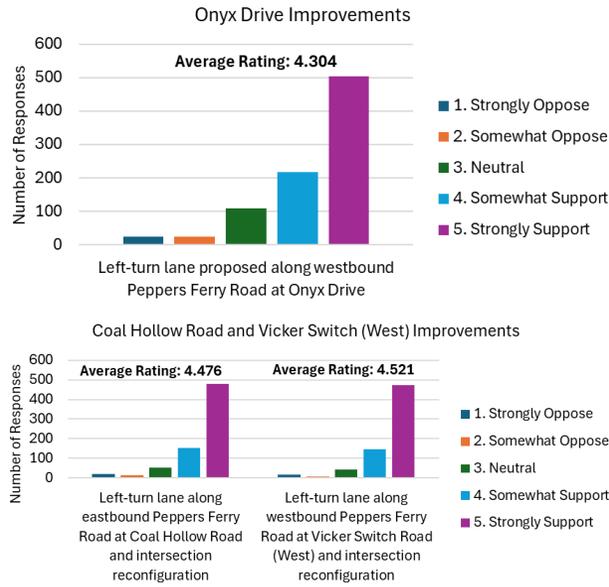


Figure 1: Peppers Ferry at Onyx Drive

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.



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

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:

- Peppers Ferry Road at Vicker Switch Road (East)**
 - Install 100-foot westbound left-turn lane
- Peppers Ferry Road from Belview Drive to Coal Hollow Road**
 - Install sidewalk on the north side of Peppers Ferry Road
- 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

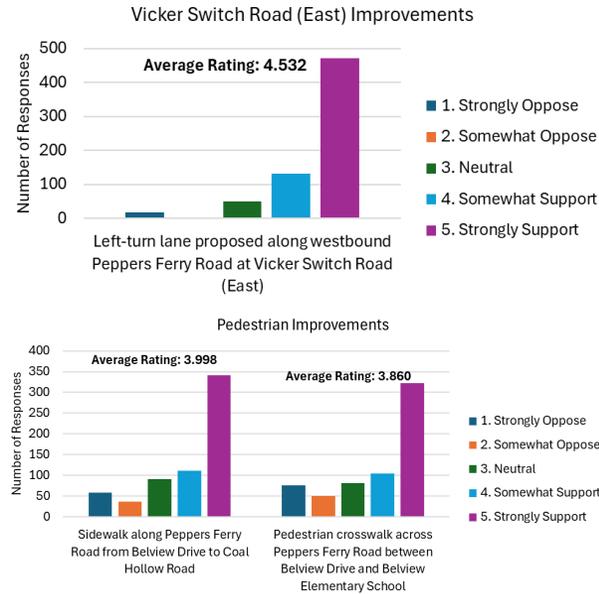


Figure 3: Peppers Ferry Road at Vicker Switch Road (East)

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