

# Wheatley's Pond Rd Corridor & Intersections

## MPO Council Meeting

### July 2, 2025



Wheatley's Pond Road



# Study Area

Wheatley's Pond Rd Corridor between Huntington Dr and Baynard Farm Lane with specific focus on the intersections at School Lane, S Bassett St, and S Rodney St.

## Purpose & Need

Develop recommendations to improve the intersections and surrounding roadway network to provide safe vehicle and pedestrian movement.





# Revised Study Area Extended to South Existing Shared Use Path



- Shared Use Path Ends at Providence Crossing Development Creating Gap in Pedestrian Network



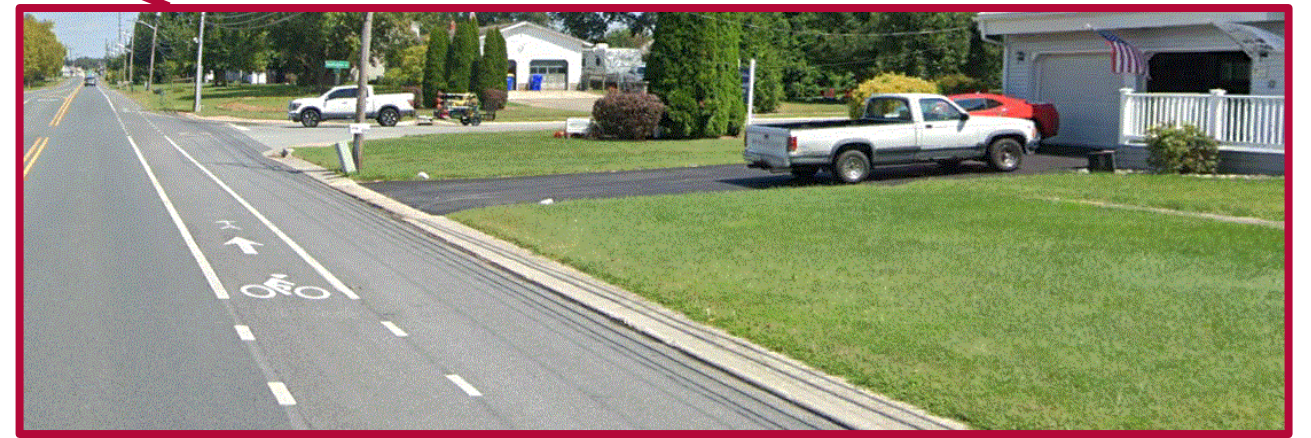
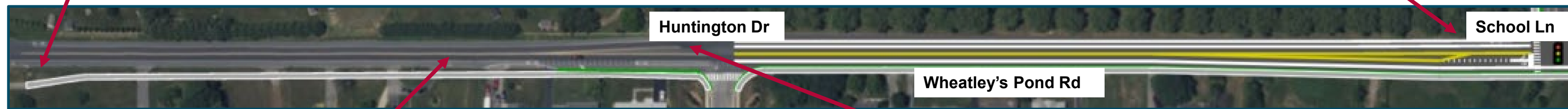


# Extension Creates a Connected Shared Use Path Network





# Wheatley's Pond Rd Shared Use Path East Side Providence Crossing to School Lane



- Extend Existing 10' Shared Use Path at Providence Crossing with a Proposed 8' Shared Use Path to Connect at Huntington Dr on East Side of Wheatley's Pond Rd
- Continue Shared Use Path North through School Ln Intersection

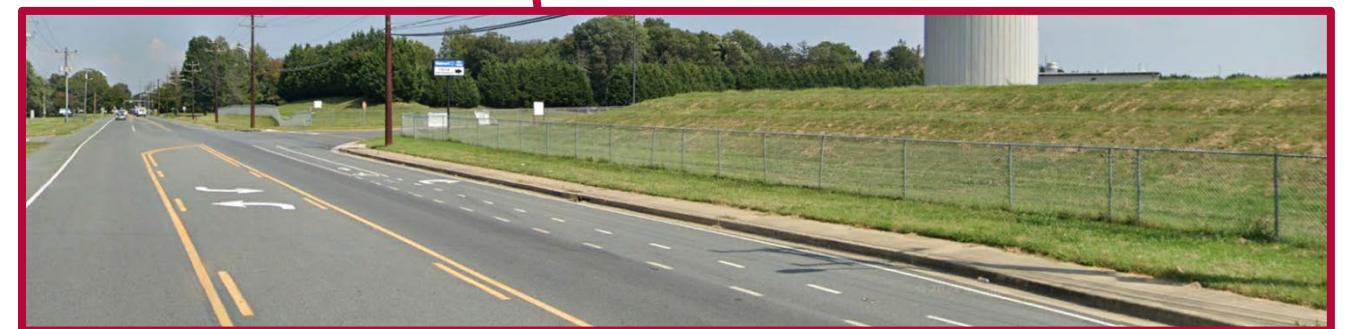


# Wheatley's Pond Rd Shared Use Path East Side School Ln to Baynard Farm Ln



- Connect to Existing 6' Sidewalk on Artisan Dr

- Continue 8' Shared Use Path North to Artisan Dr then 10' Shared Use Path to Baynard Farm Ln on East Side of Wheatley's Pond Rd





# Wheatley's Pond Rd Sidewalk West Side

- 6' Continuous Sidewalk on West Side of Wheatley's Pond Rd from School Ln to Baynard Farm Ln

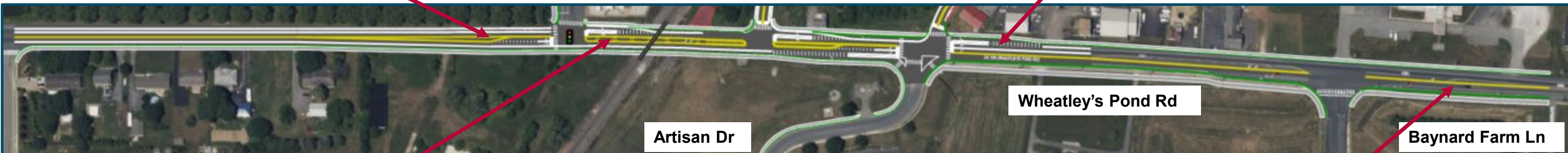
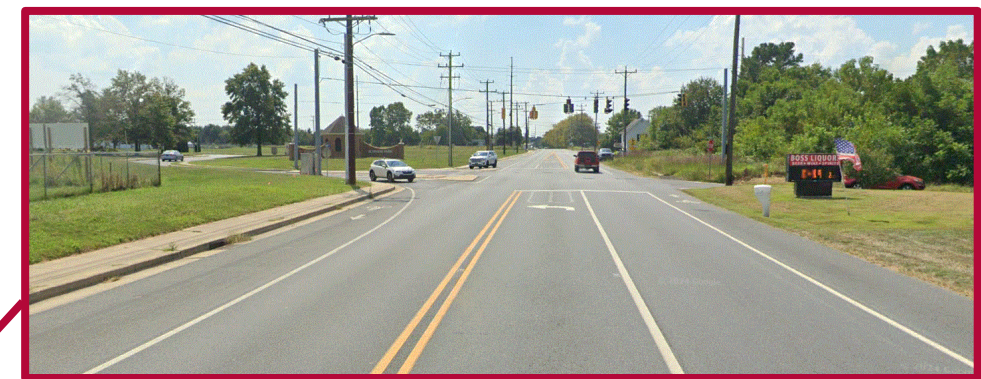




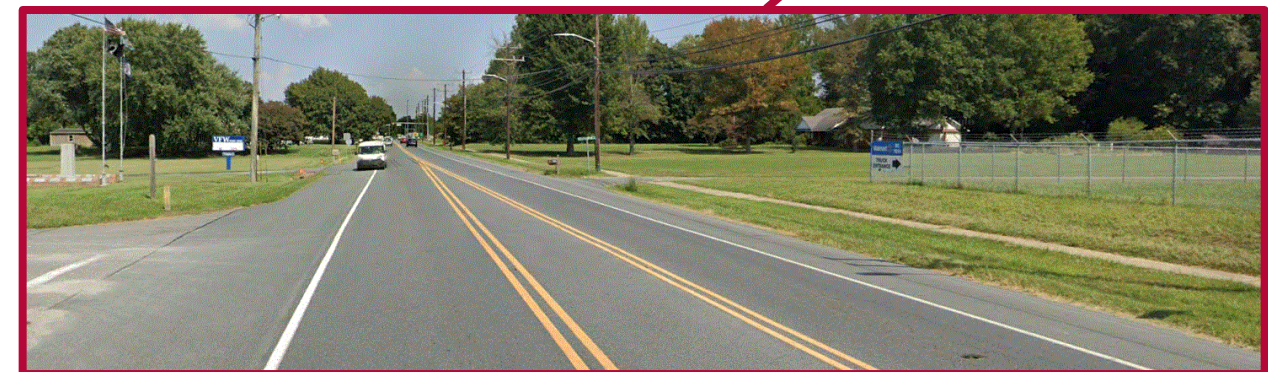
# Wheatley's Pond Rd Proposed Roadway Widening



- Maintain Existing Travel Lanes
- Widening to Accommodate Left & Right Turn Lanes, Bike Lanes & Shoulders, and Pedestrian Facilities



- Widening to start Approximately 600' South of School Ln to Approximately 300' North of S Rodney St





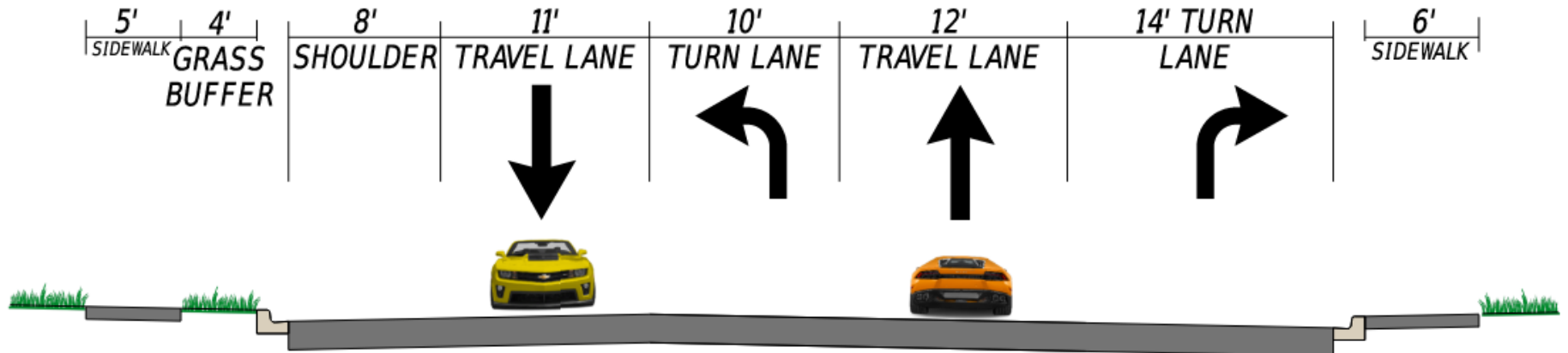
# Wheatley's Pond Rd Proposed Roadway Widening



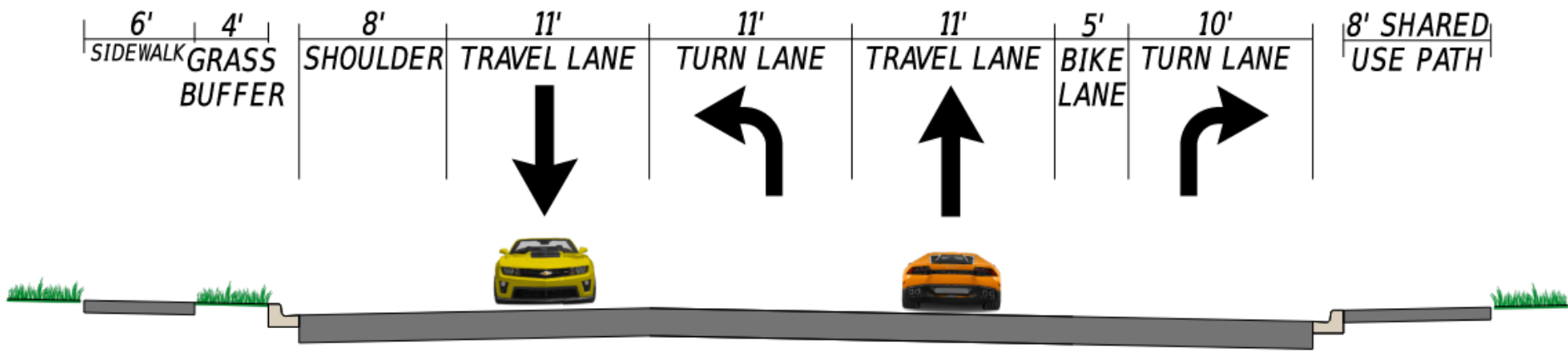
Location of typical section shown  
on next slide



# Wheatley's Pond Rd Typical Sections



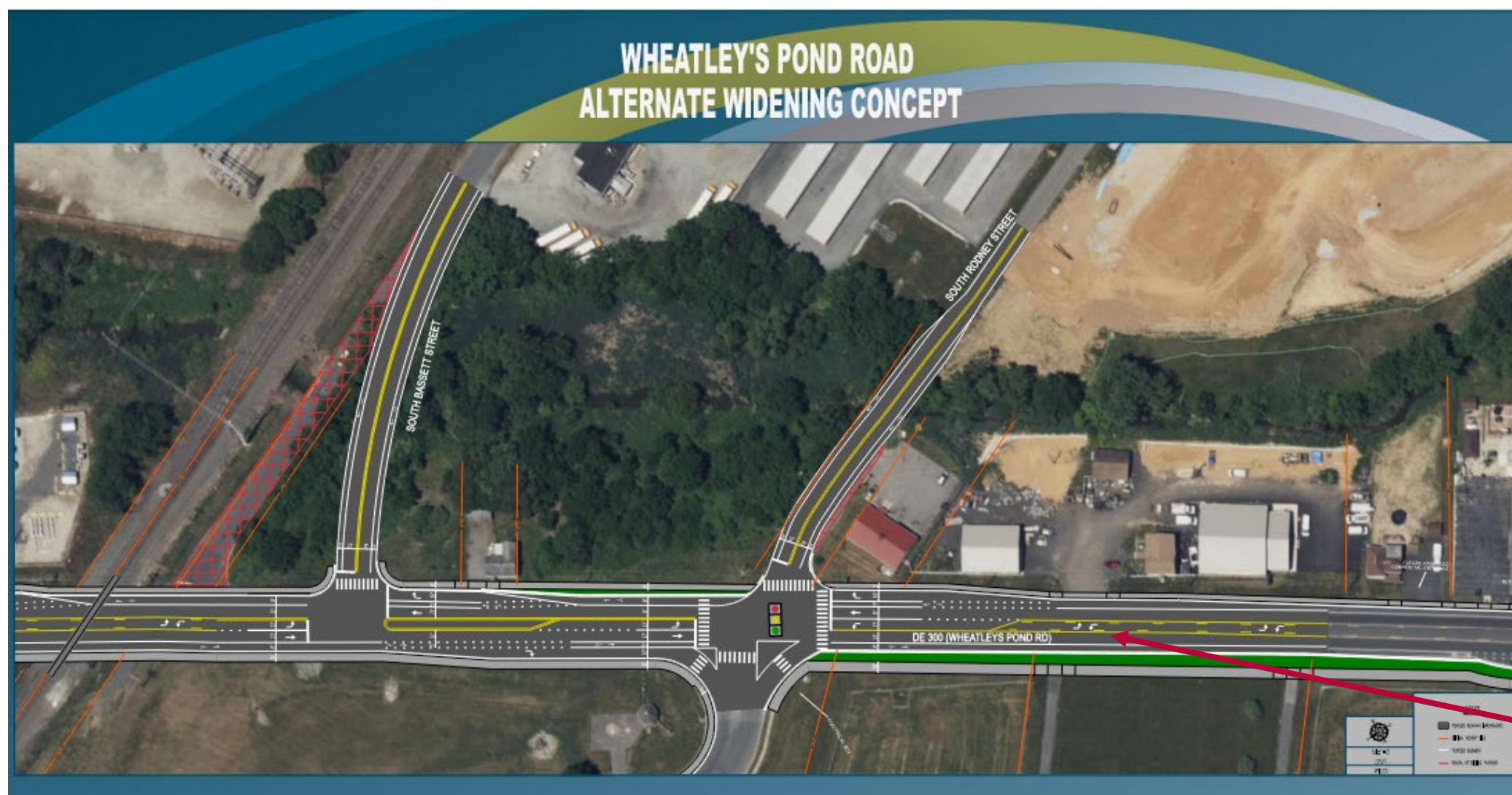
EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION



# Wheatley's Pond Rd Proposed Roadway Alternate Widening

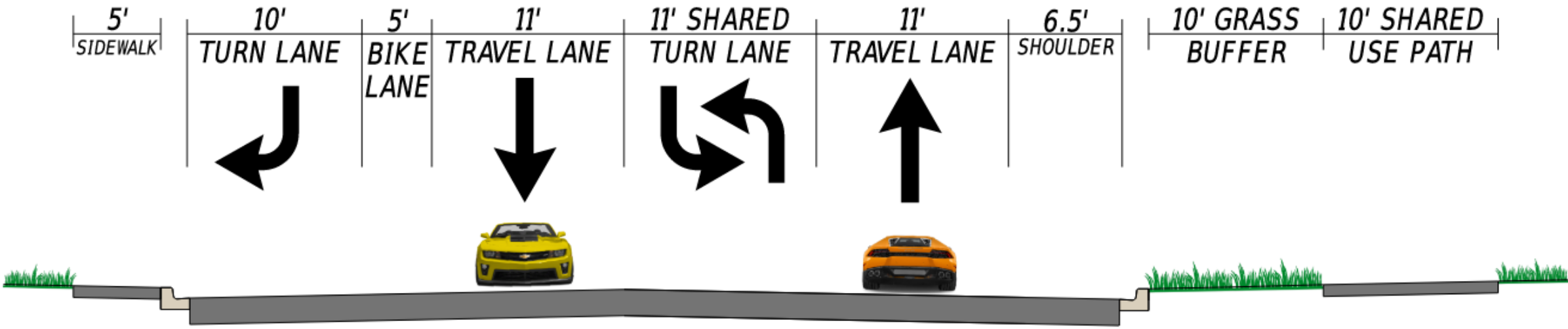


Location of typical section  
shown on next slide

- Showing extended shared turn lane in front of businesses to ease entrance



# Wheatley's Pond Rd Alternate Typical Section



ALTERNATE PROPOSED TYPICAL SECTION



# Wheatley's Pond Road Widening & Alternate Widening

## Conceptual Costs

Design	\$960,000
ROW	\$1,000,000
Construction	\$8,025,000
<b>*Total</b>	<b>\$9,985,000</b>

\*All costs are based on concept designs and are rounded, and include the Shared Use Path and Sidewalk Concepts.

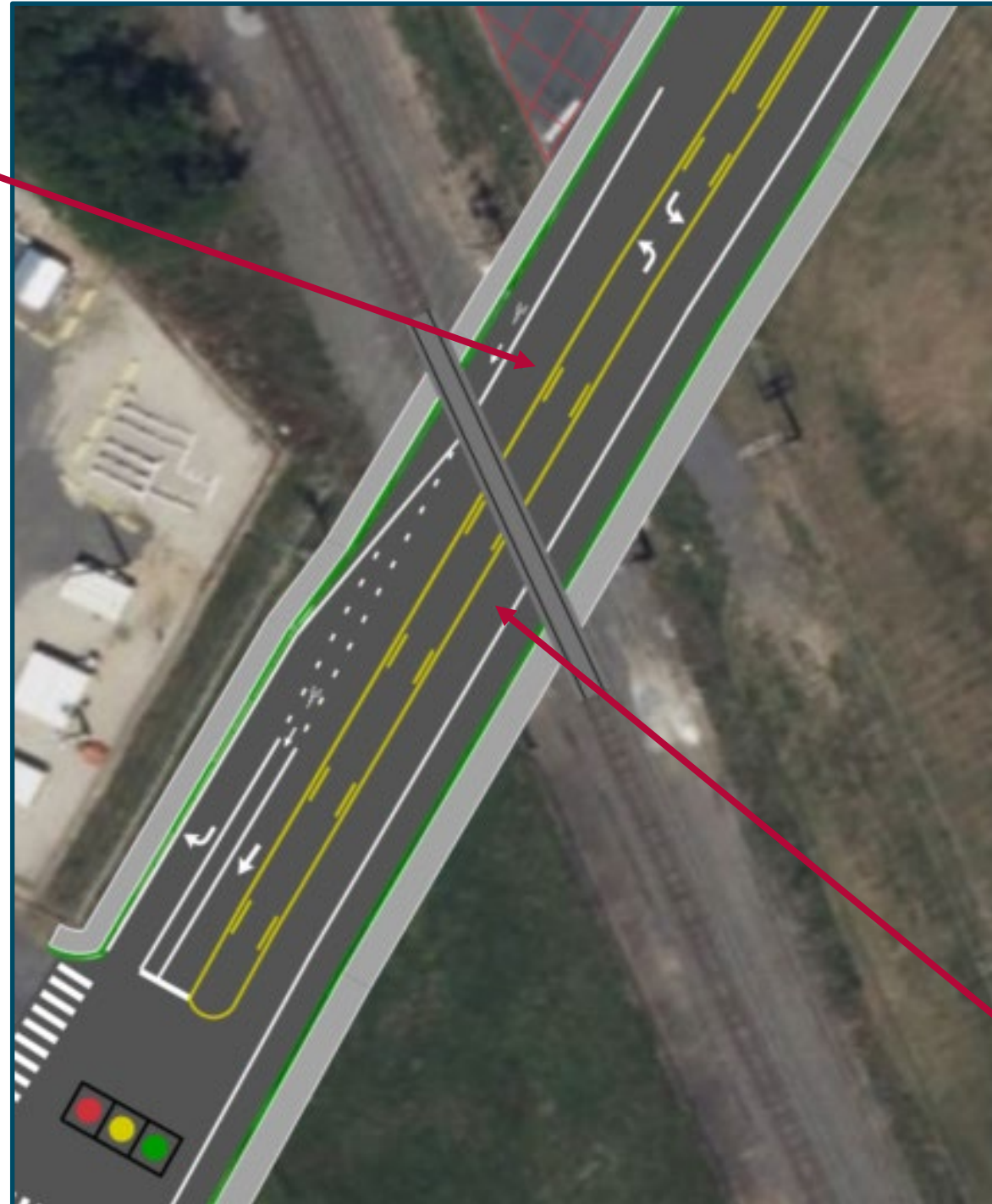


# Wheatley's Pond Rd Rail Crossing Improvement



- Widened and Improved Existing RR Crossing at Wheatley's Pond Rd

\*Costs will be developed for the Rail Crossing Improvement Concept as a stand-alone improvement or will be incorporated into the overall Wheatley's Pond Road Widening Improvement Concept.



- Widening to Accommodate Left Turn Lane and Bike/Pedestrian Facilities

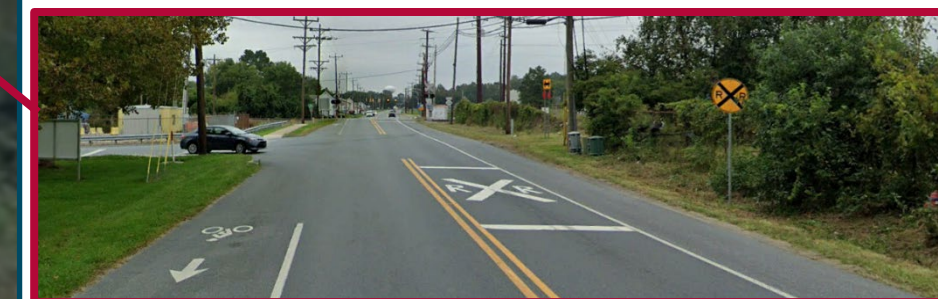




# School Ln at Wheatley's Pond Rd



- New Right Turn Lane from Wheatley's Pond Rd to School Ln
- New Left Turn Ln from Wheatley's Pond Rd to School Ln

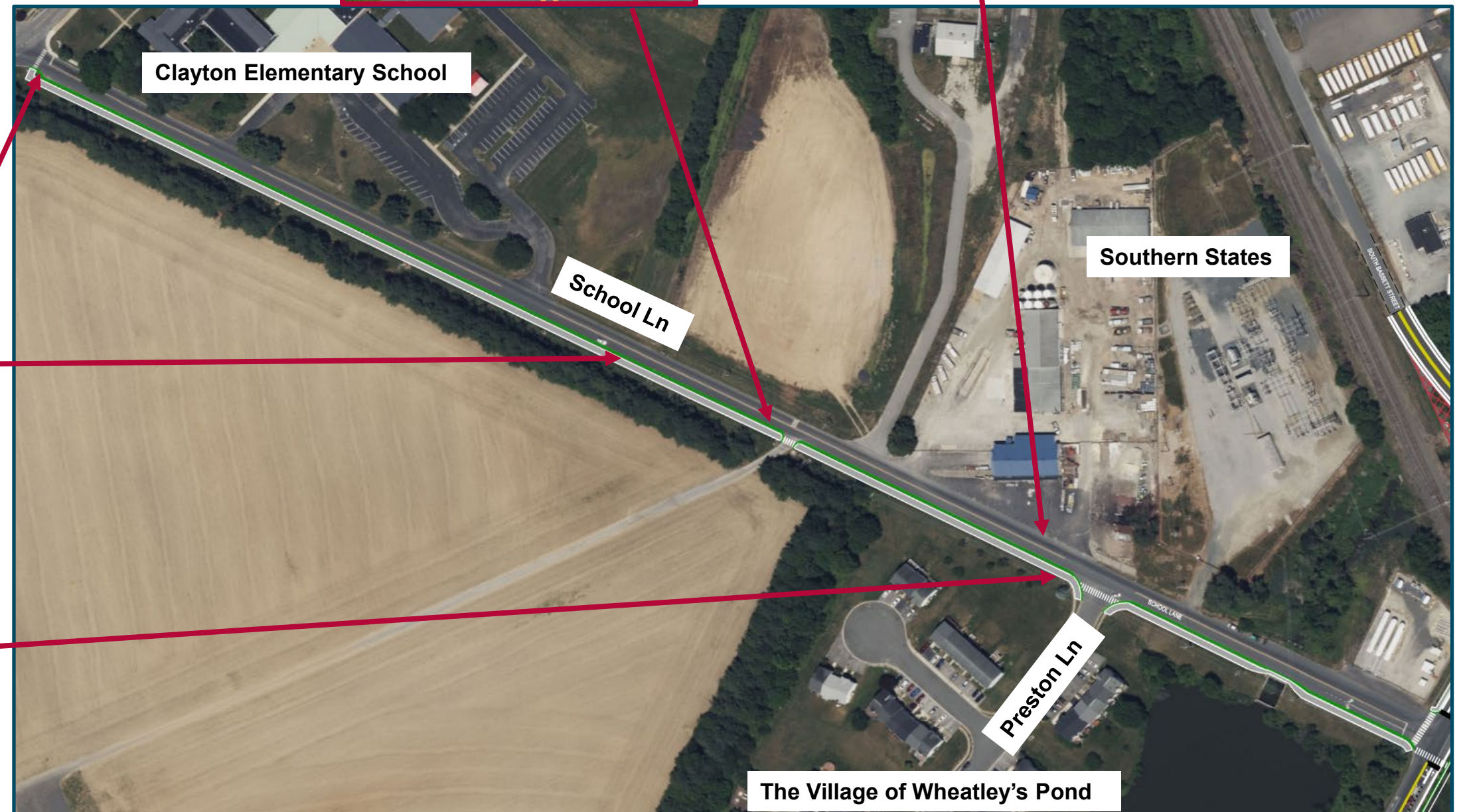
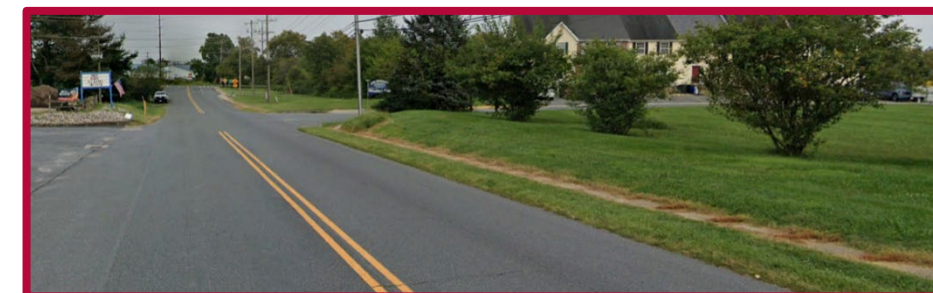
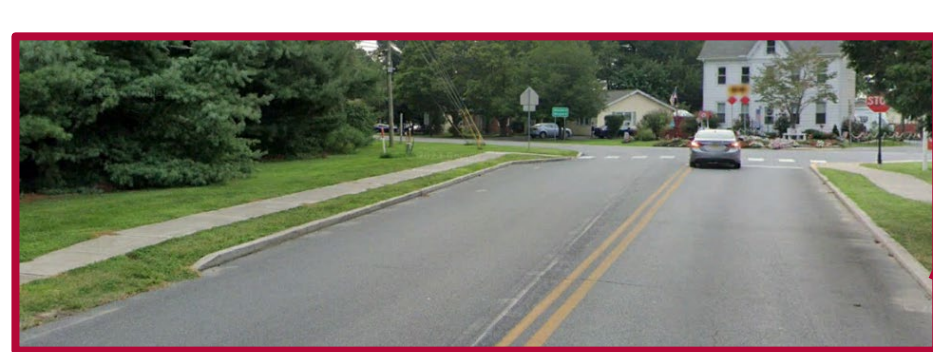
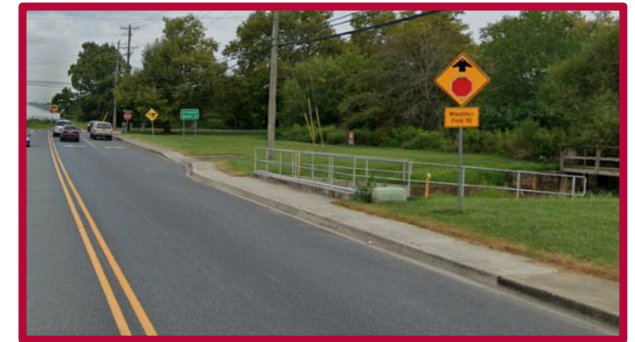


- New Traffic Signal at School Ln and Wheatley's Pond Rd (including Protected Left Turn Phase from Wheatley's Pond Rd to School Ln & Pedestrian Signals)
- New Pedestrian Crosswalks at School Ln and Wheatley's Pond Rd



# School Lane Pedestrian Improvements

- Replace Existing 6' Sidewalk with 10' Shared Use Path on South Side of School Ln from Main St to Wheatley's Pond Rd (sidewalk to remain 5' at spillway)





# School Lane Pedestrian Improvements

## Conceptual Costs

Design	\$284,000
ROW	\$50,000
Construction	\$1,285,000
<b>*Total</b>	<b>\$1,619,000</b>

\*All costs are based on concept designs and are rounded.



# S Bassett St at Wheatley's Pond Rd



- New Right Turn Lane from Wheatley's Pond Rd to S Bassett St
- New Left Turn Ln from Wheatley's Pond Rd to S Bassett St

- Relocation of Approximately 370 feet of S. Bassett St. North, including Replacement of Structurally Deficient Culvert, to Create New Intersection with Wheatley's Pond Rd
- New Pedestrian Crosswalk at S Bassett St & Wheatley's Pond Rd Intersection





# S. Bassett St. Relocation at Wheatley's Pond Road

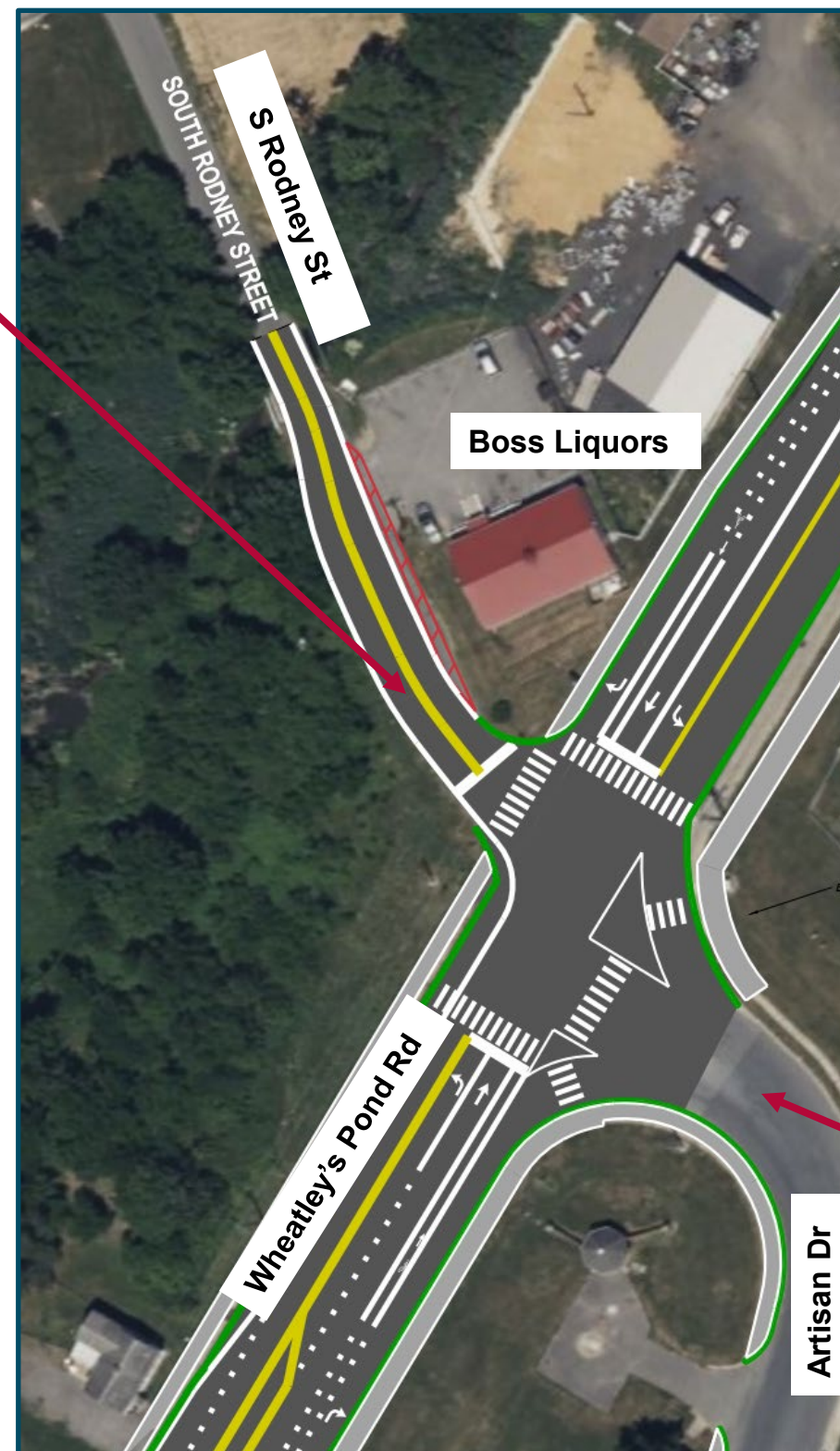
## Conceptual Costs

Design	\$525,000
ROW	\$750,000
Construction	\$2,348,000
<b>*Total</b>	<b>\$3,623,000</b>

\*All costs are based on concept designs and are rounded.



# S Rodney St & Artisan Dr at Wheatley's Pond Rd



- New Right Turn Lane from Wheatley's Pond Rd to S Rodney St & Artisan Dr
- Maintain Left Turn Ln from Wheatley's Pond Rd to S Rodney St & Artisan Dr
- New Pedestrian Crosswalks at Wheatley's Pond Rd, S Rodney St and Artisan Dr

- Slight Realignment of S Rodney St to Provide Improved Turning Radius with Wheatley's Pond Rd
- Widen Existing Bridge to Accommodate Two Travel Lanes & Shoulders
- Existing Signal to include Protected Left Turn Phase from Wheatley's Pond Rd to S Rodney St & Artisan Dr and Pedestrian Signals





# S. Rodney St. Realignment at Wheatley's Pond Road

## Conceptual Costs

Design	\$121,000
ROW	\$450,000
Construction	\$740,000
<b>*Total</b>	<b>\$1,215,000</b>

\*All costs are based on concept designs and are rounded.



# Public Engagement

## Workshop 1

- November 6, 2024
- 27 Signed-In
- No Formal Questionnaire but Overall Support for Improvements

### Wheatley's Pond Rd Corridor & Intersections



#### Clayton Public Workshop



**PLEASE JOIN US FOR A PUBLIC WORKSHOP**

**Date:** November 6, 2024  
**Time:** 6:30 pm  
**Location:** Clayton Fire Hall  
300 East Street  
Clayton, DE 19938

The Town of Clayton will be soliciting input on their Comprehensive Plan at this meeting. In addition, the Town together with the Dover/Kent County MPO and their planning partner Century Engineering, A Kleinfelder Company will present their recommendations to improve Wheatley's Pond Rd and the School Ln, S. Bassett St, and S. Rodney St intersections to provide safe vehicle and pedestrian movement in those areas.





# Public Engagement

# Workshop 2

- March 25, 2025
- 32 Signed-In


## Responses to Questionnaire:

- 11 Completed at Workshop
- Yes to All Improvements
  - 1 No to School Ln (Question 3)
  - 1 Unsure to S Bassett St / Wheatley's Pond Rd (Question 6)
  - 1 Unsure to S Rodney St & Artisan Dr /Wheatley's Pond Rd (Question 7)


### 3 Received via Mail

- Yes to All Improvements
- 1 No to S Rodney St & Artisan Dr /Wheatley's Pond Rd (Question 7)


\* Comment period open through April 25, 2025




DOVER/KENT COUNTY MPO  
METROPOLITAN PLANNING ORGANIZATION



CENTURY  
ENGINEERING  
A Kleinfelder Company



DELAWARE DEPARTMENT OF TRANSPORTATION



TOWN OF CLAYTON  
ESTABLISHED IN 1961

6. Do you support the proposed improvements at the **S Bassett St / Wheatley's Pond Rd Intersection**?
  - Relocation of S Bassett St, including replacement of culvert, to create a new intersection with Wheatley's Pond Rd.
  - New right and left turn lanes from Wheatley's Pond Rd to S Bassett St.
  - New pedestrian crosswalk at S Bassett St and Wheatley's Pond Rd Intersection.

A. Yes  
B. No  
C. Unsure
  
7. Do you support the proposed improvements at the **S Rodney St & Artisan Dr / Wheatley's Pond Rd Intersection**?
  - Slight realignment of S Rodney St to improve turning radius with Wheatley's Pond Rd.
  - New right turn lane from Wheatley's Pond Rd to S Rodney St & Artisan Dr.
  - Maintain left turn lane from Wheatley's Pond Rd to S Rodney St & Artisan Dr
  - New pedestrian crosswalks at Wheatley's Pond Rd, S Rodney St, and Artisan Dr.

A. Yes  
B. No  
C. Unsure

Overall Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Please provide your contact information to stay informed about this project:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

\_\_\_\_\_

Please hand your questionnaires in at the workshop or mail/email by April 25, 2025 to:

Dover/Kent County MPO  
1783 Friends Way  
Camden, DE 19934

Or via email to  
Michael.PetitdeMange@doverkentmpo.org

Project Website: <https://doverkentmpo.delaware.gov/wheatleys-pond-intersections-town-of-clayton/>

*Your comments and opinions are very important. All information provided on this form will be carefully reviewed by the Project Team. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project.*



# Milestones Schedule

Data Gathering  
Concepts Development  
Council Presentation 1  
Public Workshop 1  
Revisions to Concepts  
Public Workshop 2  
Council Presentation 2  
Final Revisions to Concepts  
PAC Meeting  
TAC Meeting

Summer / Fall 2024  
September 2024  
October 29, 2024  
November 6, 2024  
December 2024 / January 2025  
March 25, 2025  
April 14, 2025  
April 2025  
June 12, 2025  
June 17, 2025

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MPO Council Presentation

July 2, 2025

Final Recommendations Report

July 2025

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# Thank You

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