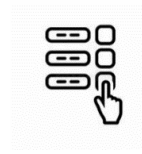


City of New Castle Transportation Plan Update Public Workshop 2 September 13, 2021



Agenda

- Introductions
- Workshop Format
- Study Area
- Goals & Objectives
- Public Comments
- Study Approach
- Improvement Options Developed
- Next Steps



Live Presentation Begins at 7:00

6:45 PM - 7:00 PM Instructions for Tonight's Workshop

7:00 PM Live Presentation followed by Question-and-Answer Session



Tonight's Workshop and Q&A Session will be Recorded

How to Participate

How Can I Participate in this Workshop?

- You Can Listen Using Your Computer Speakers or by Calling in on your Phone
- To Listen to the Audio Using Your Phone, Please Call:
 - Phone Number: 346-248-7799
 - Webinar ID: 889 4893 8633
 - Passcode: 310297
- All Attendees, Whether on the Phone or Using Computer Speakers, Will Be Joining This Session in Listen-Only Mode



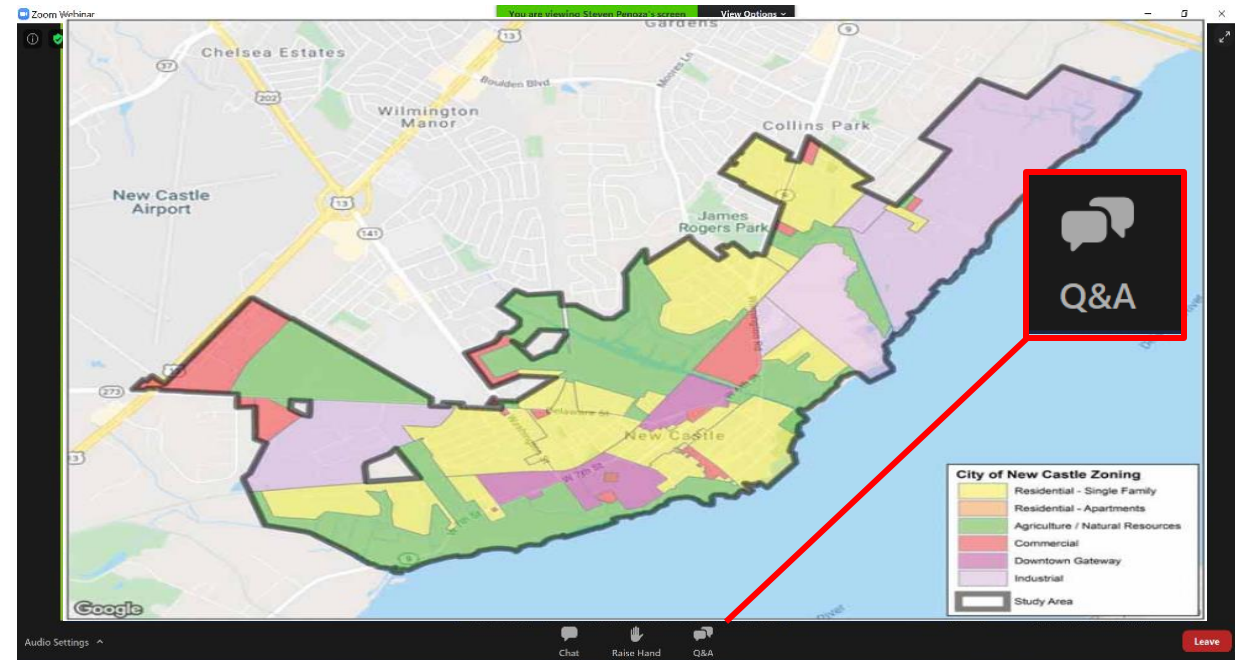
- * 9 – Raise Hand
- * 6 – Unmute/Mute



To Ask a Question

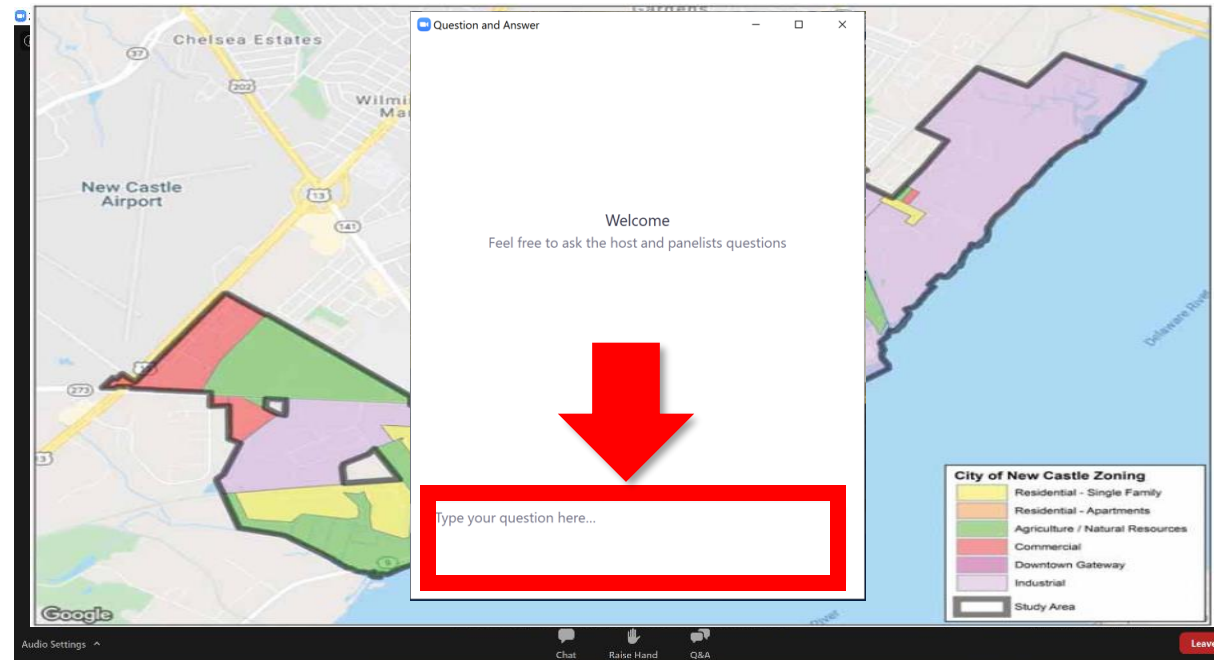
During the Session, Please Type All Questions and Comments into the Q&A Box Which is on the Button Bar at the Bottom of Your Screen.

Move Your Mouse to the Bottom of the Screen and the Bar will Appear (See Below).



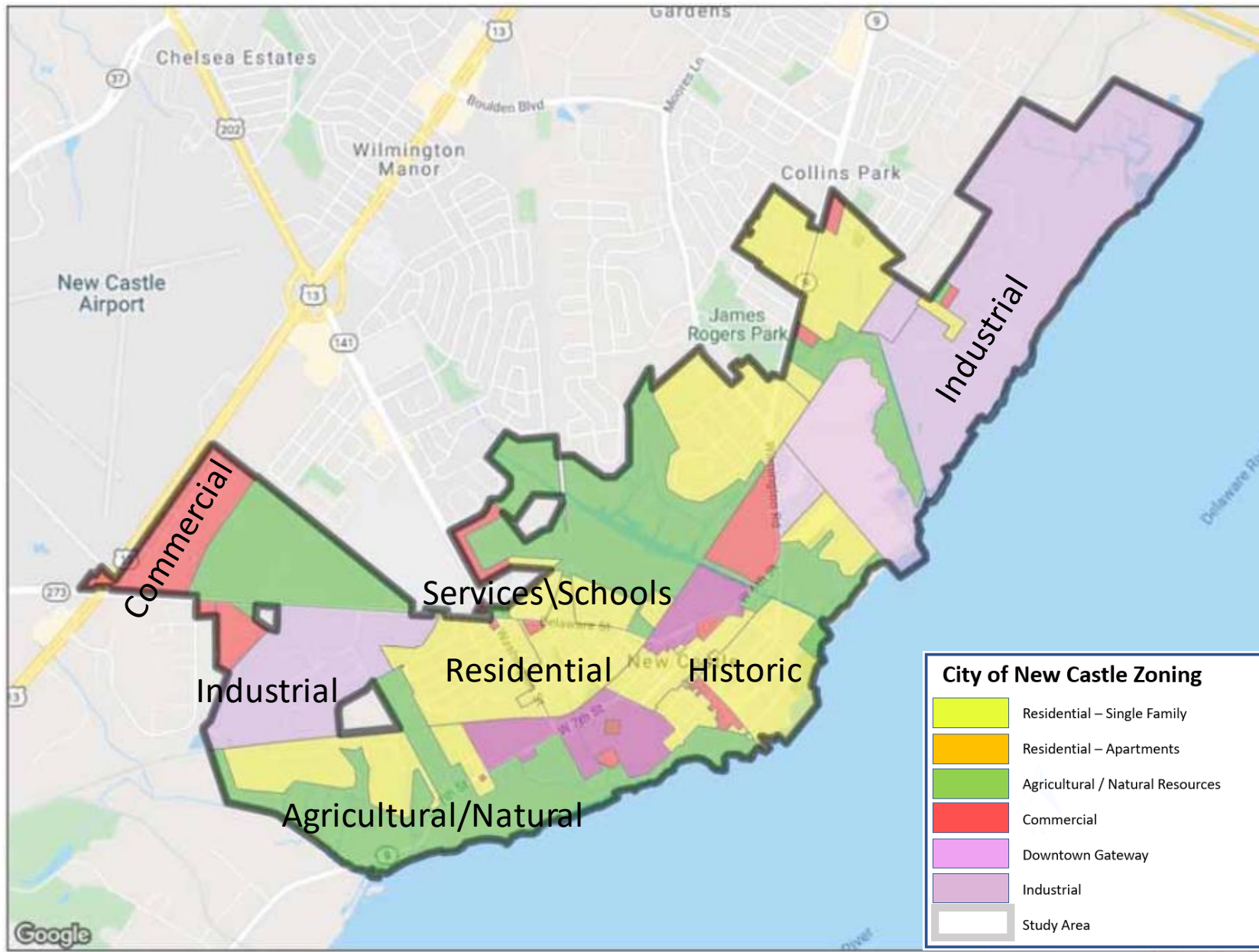
To Ask a Question

Simply Type Your Question or Comment into the Q&A Dialog Box (See Below)



To Ask a Question

- If You Cannot Use the Q&A Function, Please Email Questions Directly to rnovakoff@wilmapco.org at Any Time During the Workshop Session.
- Each Question will be Reviewed by the Moderator, and Panelists will Respond Verbally to the Questions that are Chosen.
- Specific Questions May be Answered Directly within the Q&A Session.



Goals & Objectives

New Castle Transportation Plan

- Improve Multimodal Transportation Network by Improving Connectivity to Communities and Trails
- Reduce Illegal Truck Traffic
- Improve Safety
- Improve Gateways
- Develop Shared Parking Analysis

New Castle Comprehensive Plan

- Enhance Bicycle and Pedestrian Connections
- Clarify Regional and local Traffic Patterns
- Reduce Speeding and Cut-Through Traffic by Redesigning Streets and Intersections
- Formalize and Optimize Existing Parking Supply

Public Comments

Public Workshop February 10, 2021

Bicycle/Pedestrian

- Ferry Cut Off Street / Chestnut Street
- Ferry Cut Off Street / Delaware Street
- 7th Street to Delaware Street (SR 9)
- Delaware Street Between Carrie Downy Elementary and New Castle Jr HS
- Better Connection to William Penn HS
- SR 273 Road Diet
- Extend Battery Park Trail North
- 7th Street to 6th St Crossing at South Street
- SR 9 / W 6th Street
- JAM Crossing SR 273 and South Street
- JAM to Battery Park Trail
- SR 9 / W 6th Street

Transit

- Extend #15 Bus to Serve US 13 & NC Airport
- Extend #13 Bus to Wilmington Train Station
- More Limited Stop Buses Between New Castle and Wilmington

Public Comments

Public Workshop February 10, 2021

Traffic

- Keep Through Traffic on Ferry Cut Off Street
- Cut Through Traffic at 6th St / Ferry Cut Off Street
- Market St Traffic Flow Direction
- Jog at 3rd Street and Delaware St is Dangerous
- 3rd Street Major Cut Through Especially when US 13 Backed Up
- Enforcement of One-Way Condition on Harmony St Between 3rd – 5th Streets
- Enforcement of One-Way Condition on Cherry St near 6th Street

Freight

- Large Trucks on 2nd Street
- Trucks from Carroll Drive/Printpack Industrial Cut Through Dobbinsville to Washington Street
- Re-Route Trucks Using SR 9 to Washington Street
- Truck Bypass in Basin Road Area
- Speeding on Residential Streets, Especially Small Trucks
- Norfolk Southern Trains Cause Noise/Vibration Problems

Parking

- New Parking Lot Behind Delaware Street Close to Battery Park
- Competition for Parking Between Places of Interest and Residences
- Cherry Street Between 6th Street and Ferry Cut Off Street Needs Parking
- Parking Lots on 3rd and 5th Streets Trimmed from 100 to 32 Spaces – Need More

Public Comments

Public Workshop February 10, 2021

Environment & Flooding

- Preserve Historic Layout of City
- Flooding on SR 9 South of Dobbinsville
- Flooding on SR 9 Near Refinery
- Army Corps Bridge Flooding
- Flooding on 7th St Going South
- SR 273/SR 9 Floods out on South Side of Intersection
- Vehicles go Around Barriers on SR 9 South of Dobbinsville and get Stuck on Flooded Rd
- More Tree Lined Streets
- Continue/Extend City Tree Program Started on Delaware St

Streetscape

- Better Signage for Parking for Historic District/Local Parking
- Existing Ferry Cut Off Street Gateway Needs to be Improved
- New Gateway Ferry Cut Off Street/6th Street
- New Gateway End of Delaware Street
- New Gateway at Frenchtown Rd (SR 273)
- Identify Funding Sources for City Wayfinding and Gateway Study

Electric Vehicles

- Electric Vehicle Charging Stations - Former ASPCA Parking Lot on South Street
- Improvements Should Focus on Electric Vehicles

Poll Question 1

Did You Attend the First Public Workshop on February 10, 2021?

A. Yes

B. No

Public Comments

Pop-Workshop Battery Park July 28, 2021

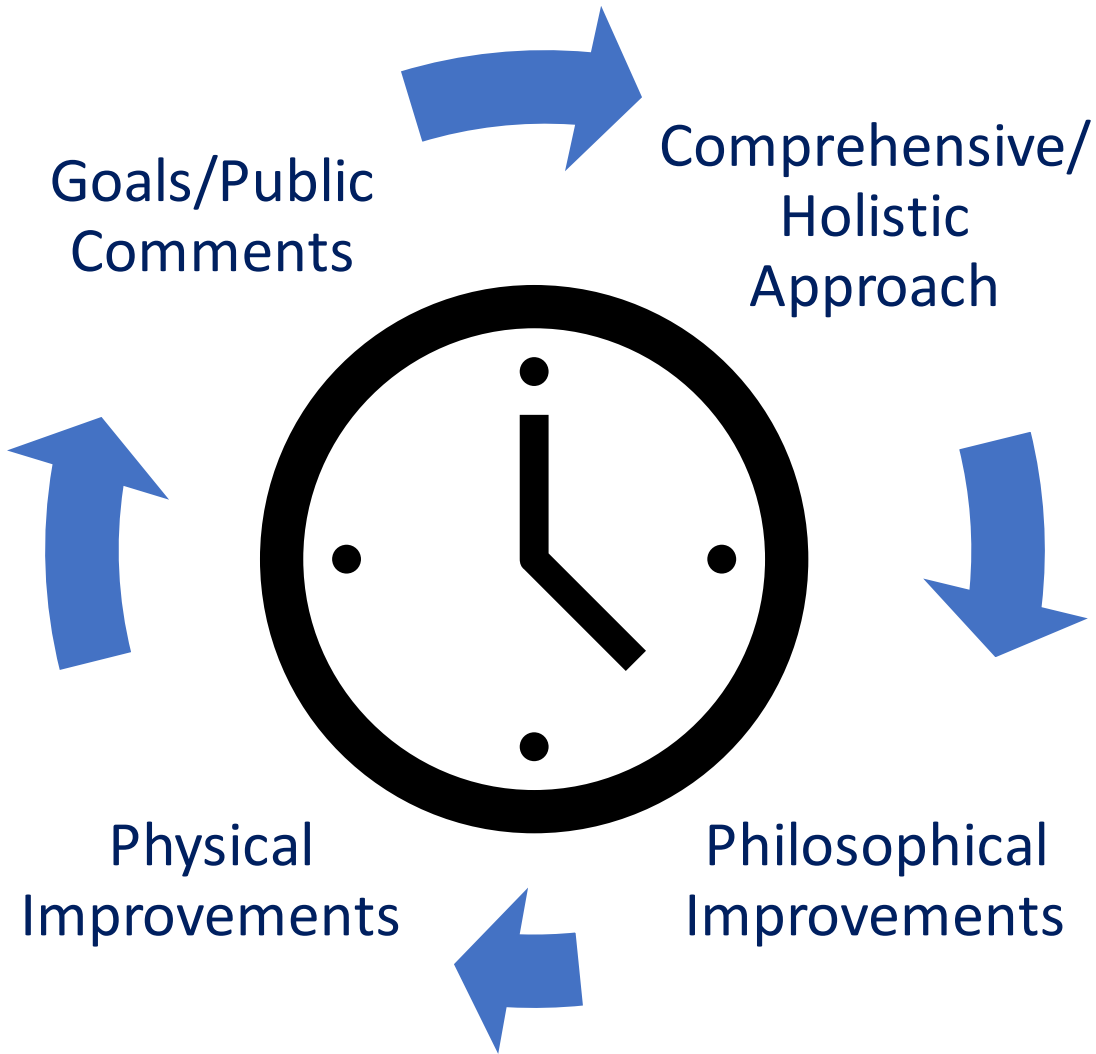
- Too Much Traffic / Truck Traffic on 6th Street – GPS Directs You This Way
- Trucks Should Use Washington Street
- Beach Traffic on 6th Street - Fridays SB, Sundays NB
- No One Stops at 6th & Harmony Streets
- Do Not Do RR Crossing Work Until I 95 Work is Finished
- SR 273 should be Four Lanes Whole Way
- In Front of Farmer's Market at SR 273 Light Make Turn Lane Longer – There is Room
- Speeding on 6th Street
- Uneven Sidewalks
- Battery Park Trail Just Ends
- JAM Trail Ends at Road
- More Parking by Delaware Street Section of SW Crossing at 3rd & Harmony Streets
- Add Street Lighting
- Truck Speeding on Washington Street
- Not Enough Signage
- Cars & Truck Speeding
- Rental Bikes & Bike Racks
- Need Parking on 4th Street

Poll Question 2

Did you attend the Pop-Up Workshop on July 28, 2021?

A. Yes

B. No



NEW CASTLE TRANSPORTATION PLAN UPDATE

- Speed Limits
- Strategic Projects
- Improvements to Make Intuitive Travel Decisions
 - Cut-Through Traffic
 - Trucks
 - Bicycle Boulevards/Focus on Bicycle Movements
 - Gateways
- Bicycle/Pedestrian Improvements
 - Focused/Improved Bicycle Network
 - Primary Bicycle Routes
 - Recreational Bicycle Routes
- Parking/Roadway Modifications for Greater Circulation

Reduced Speed Limits



Poll Question 3

Do You Support Speed Reductions Throughout the City?

A. Yes

B. No

C. Unsure

**You May Submit a Follow Up Question or Comment Using the Q&A Function*

Strategic Projects

Areas of Concern: Traffic Congestion, Cut-Through Traffic, Truck Traffic



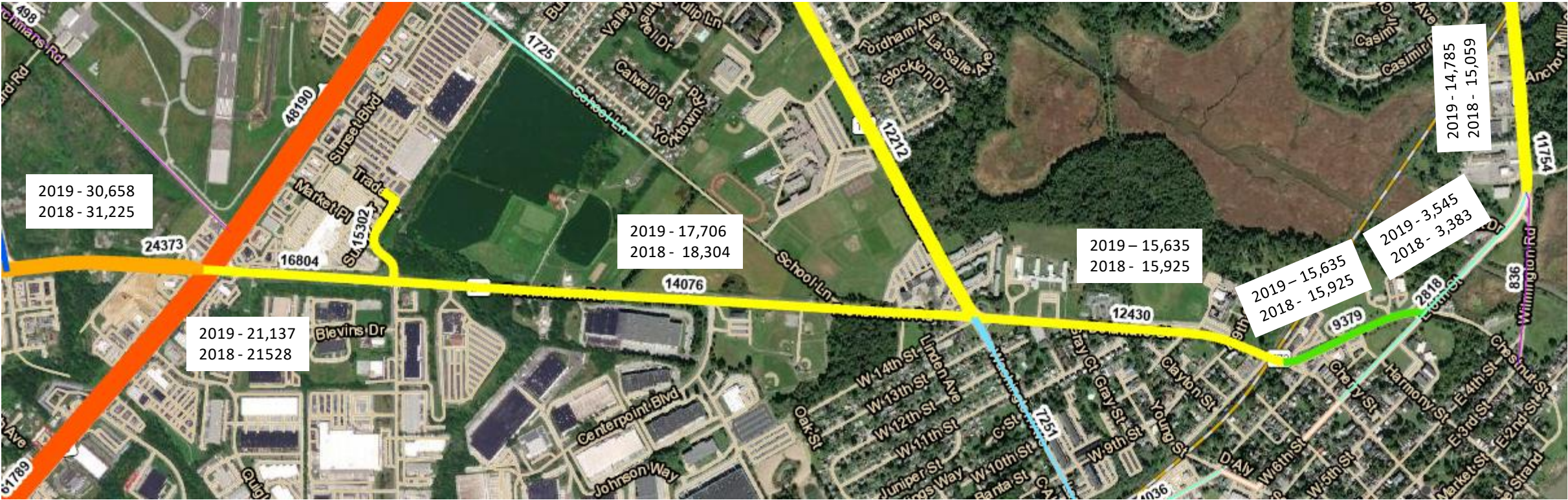
US 13/SR 273 Intersection

- Identified In DelDOT's Safety Program
- DelDOT Feasibility Study



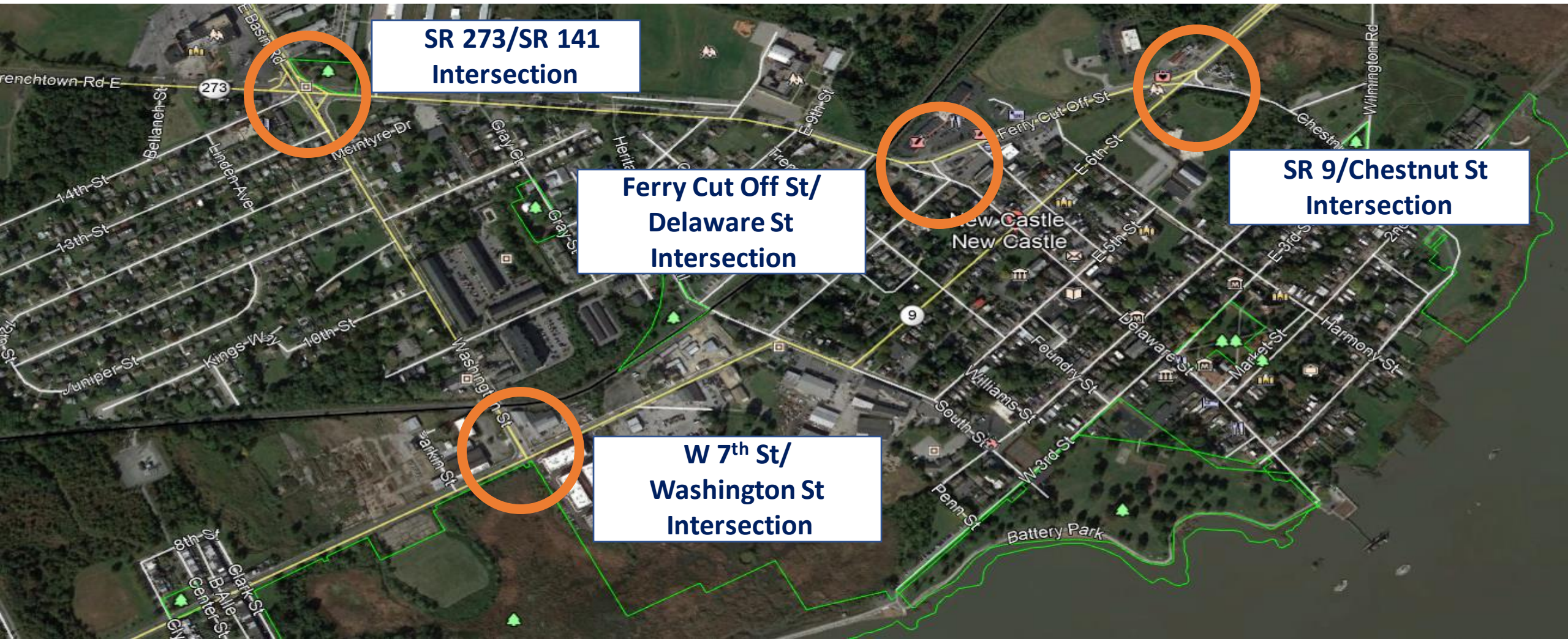
Roadway Capacities

- Frenchtown Road/Delaware Street/Ferry Cut Off Street

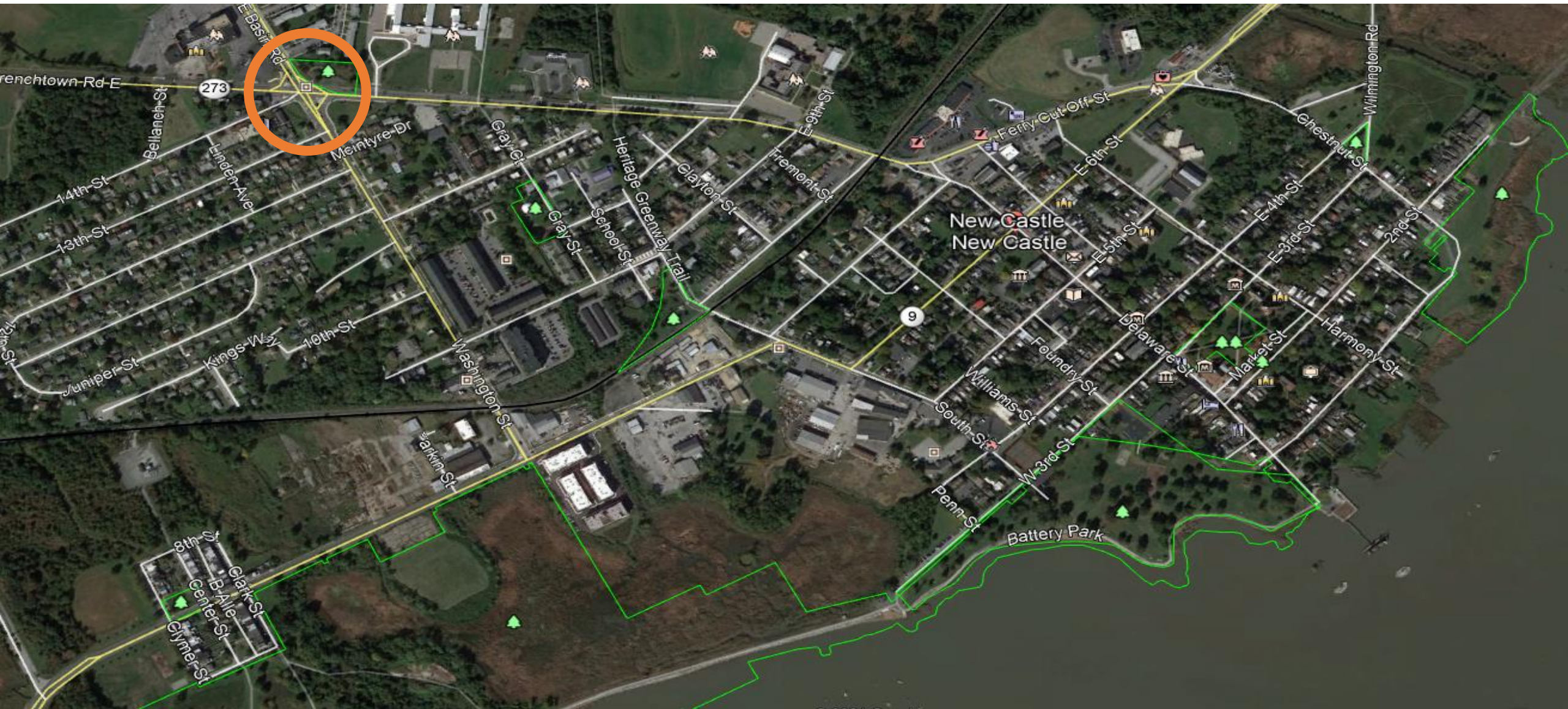


Strategic Projects -

Areas of Concern: Traffic Congestion, Cut-Through Traffic, Truck Traffic, Bicycle / Pedestrian Access



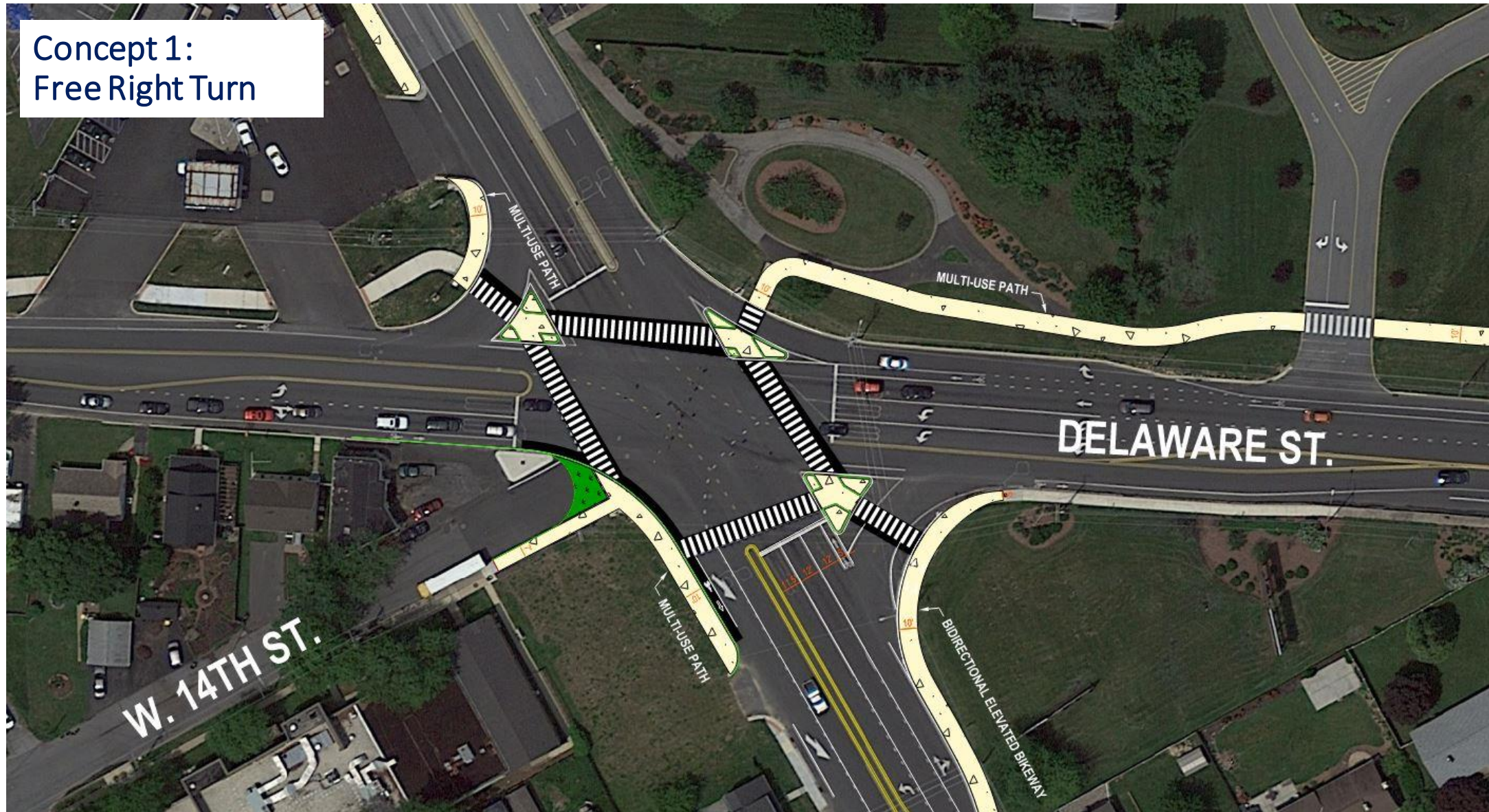
SR 273 / SR 141 Intersection



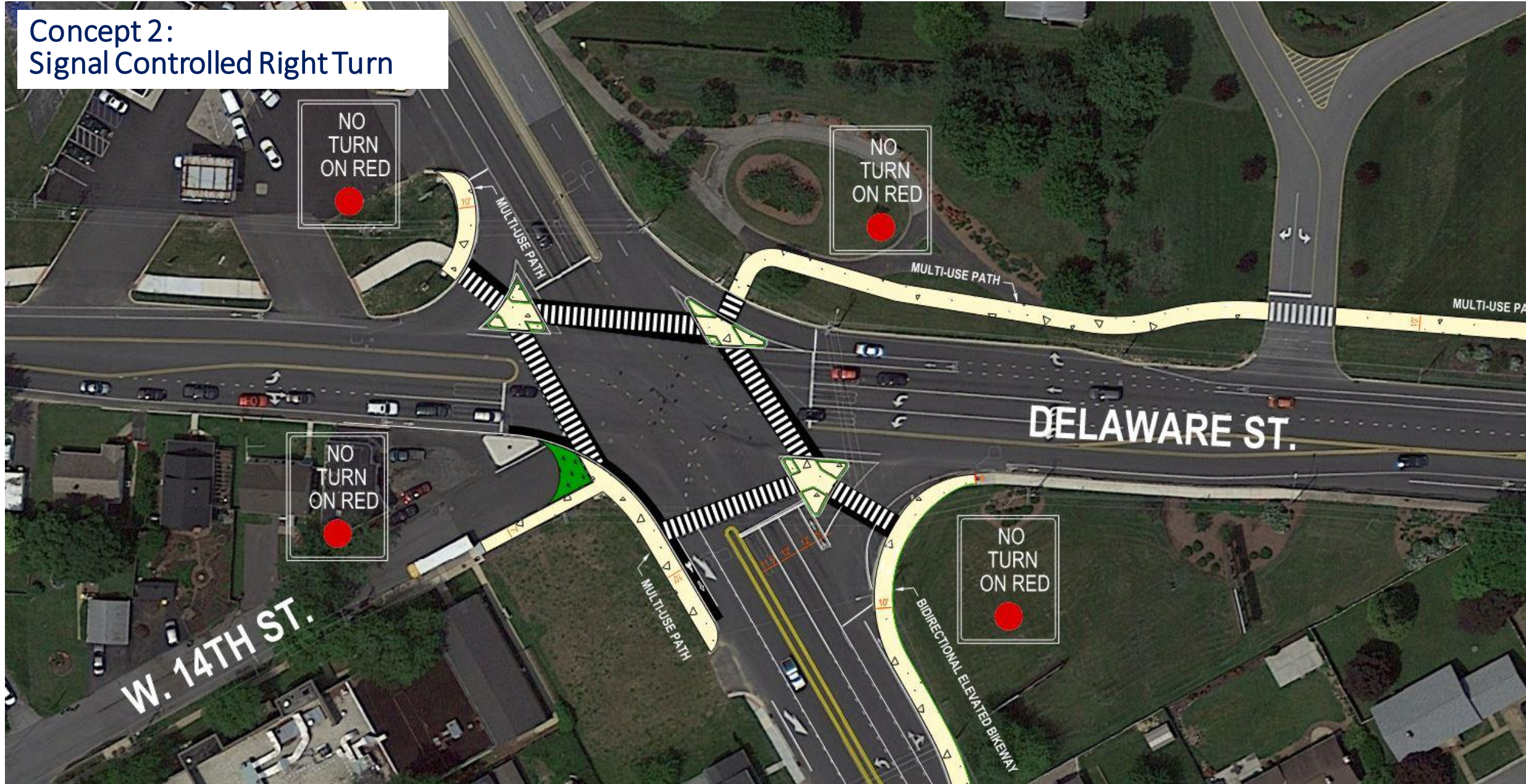
Existing SR 273 / SR 141 Intersection



Concept 1:
Free Right Turn



Concept 2: Signal Controlled Right Turn



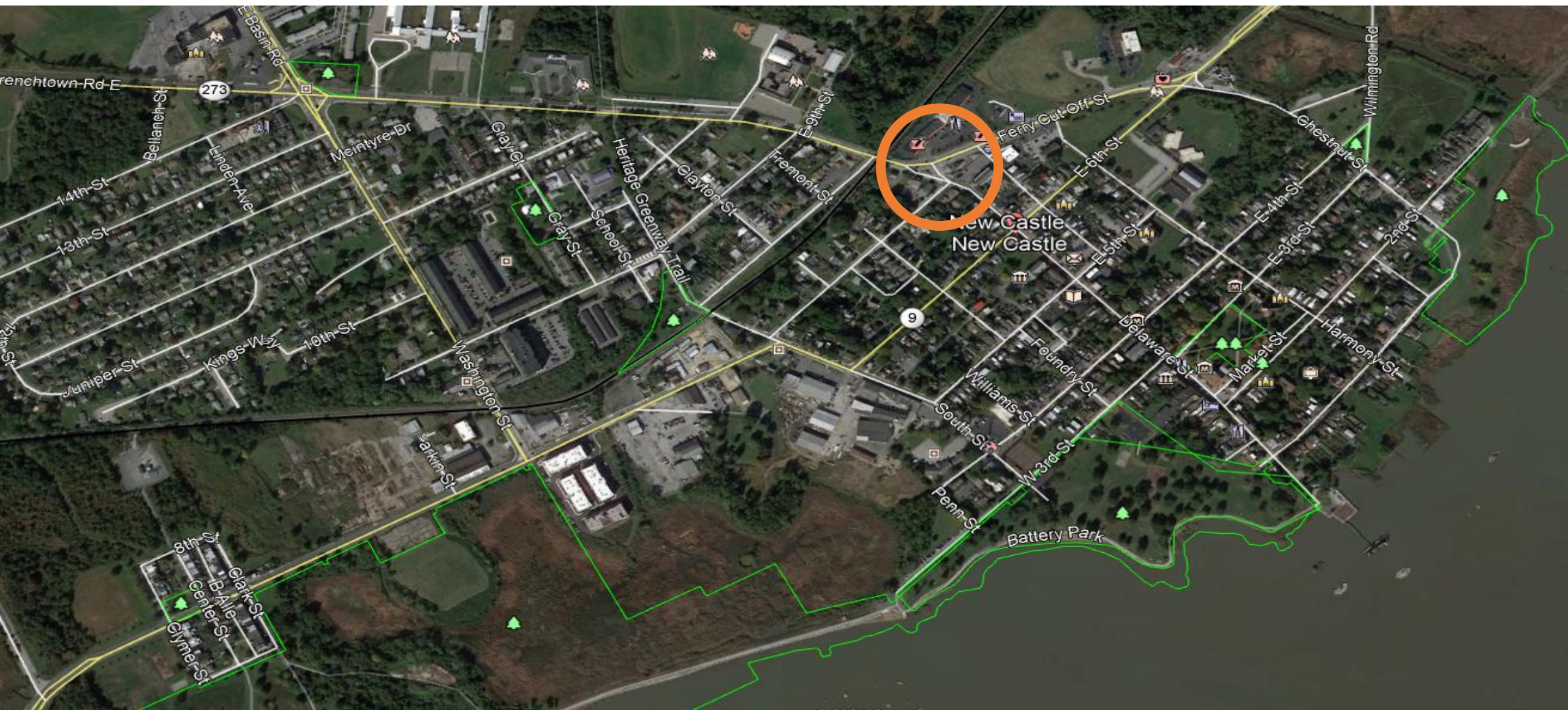
Poll Question 4

Which Concept at the SR 273/SR 141 Intersection Do You Support?

- A. Support Concept 1: Free Right Turn
- B. Support Concept 2: Signal Controlled Right Turn
- C. Support Both
- D. Support Neither
- E. Unsure

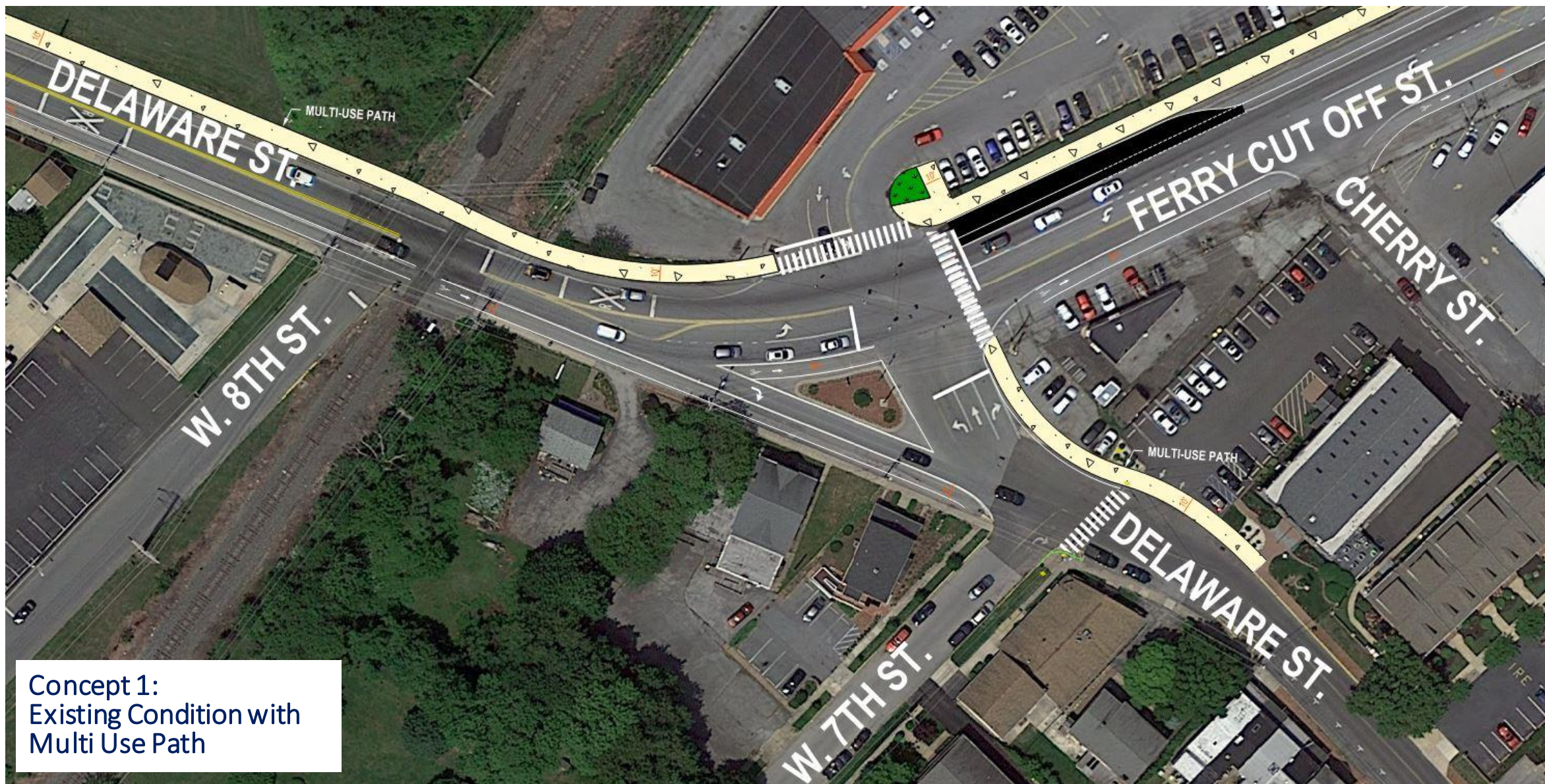
** You May Submit a Follow Up Question or Comment Using the Q&A Function*

Ferry Cut Off Street / Delaware Street Intersection



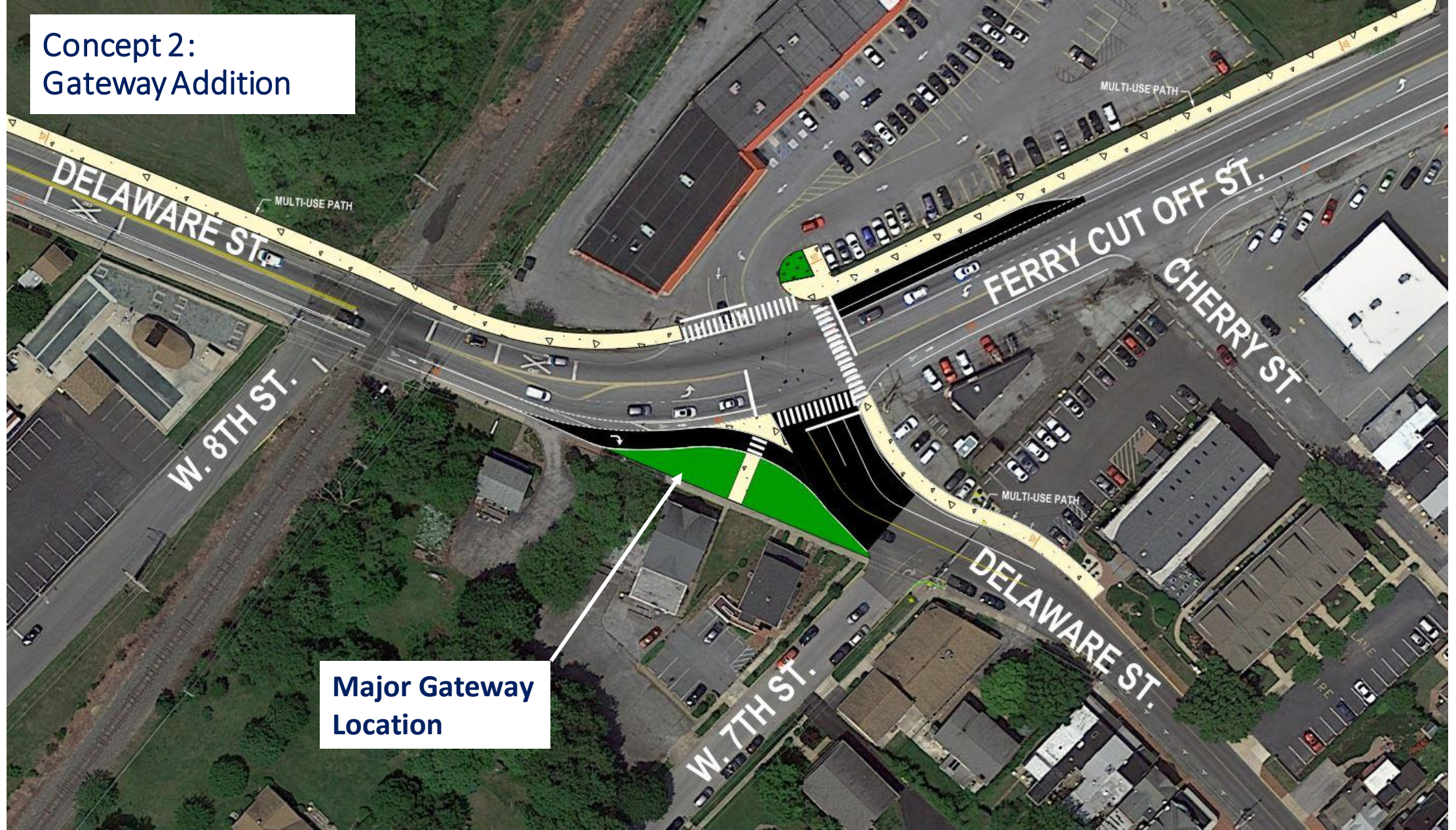
Existing Ferry Cut Off Street / Delaware Street Intersection





Concept 1:
Existing Condition with
Multi Use Path

Concept 2:
Gateway Addition



Major Gateway
Location

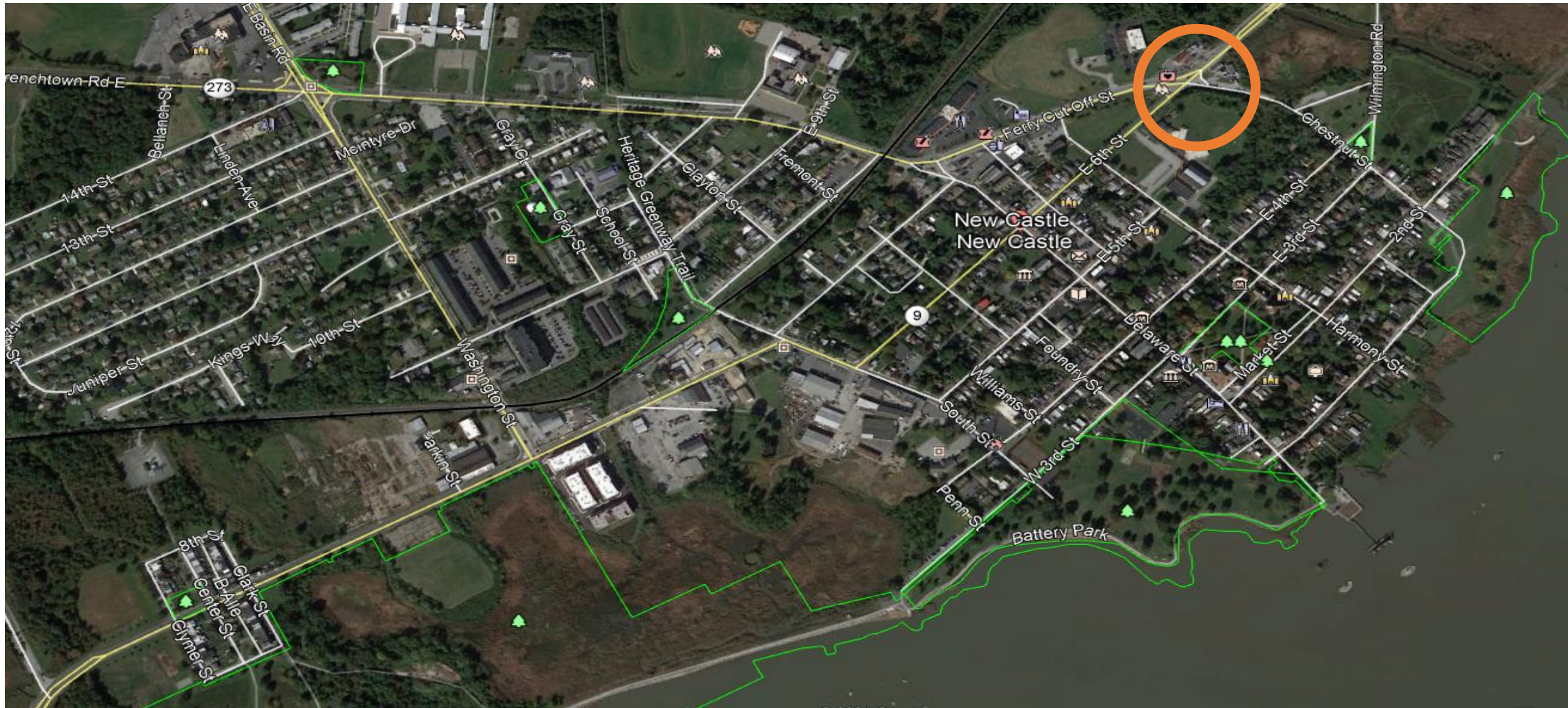
Poll Question 5

Which Concept at the Delaware St/Ferry Cut Off St Intersection Do You Support?

- A. Support Concept 1: Existing Condition with Multi Use Path
- B. Support Concept 2: Gateway Addition
- C. Support Both
- D. Support Neither
- E. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*

Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection



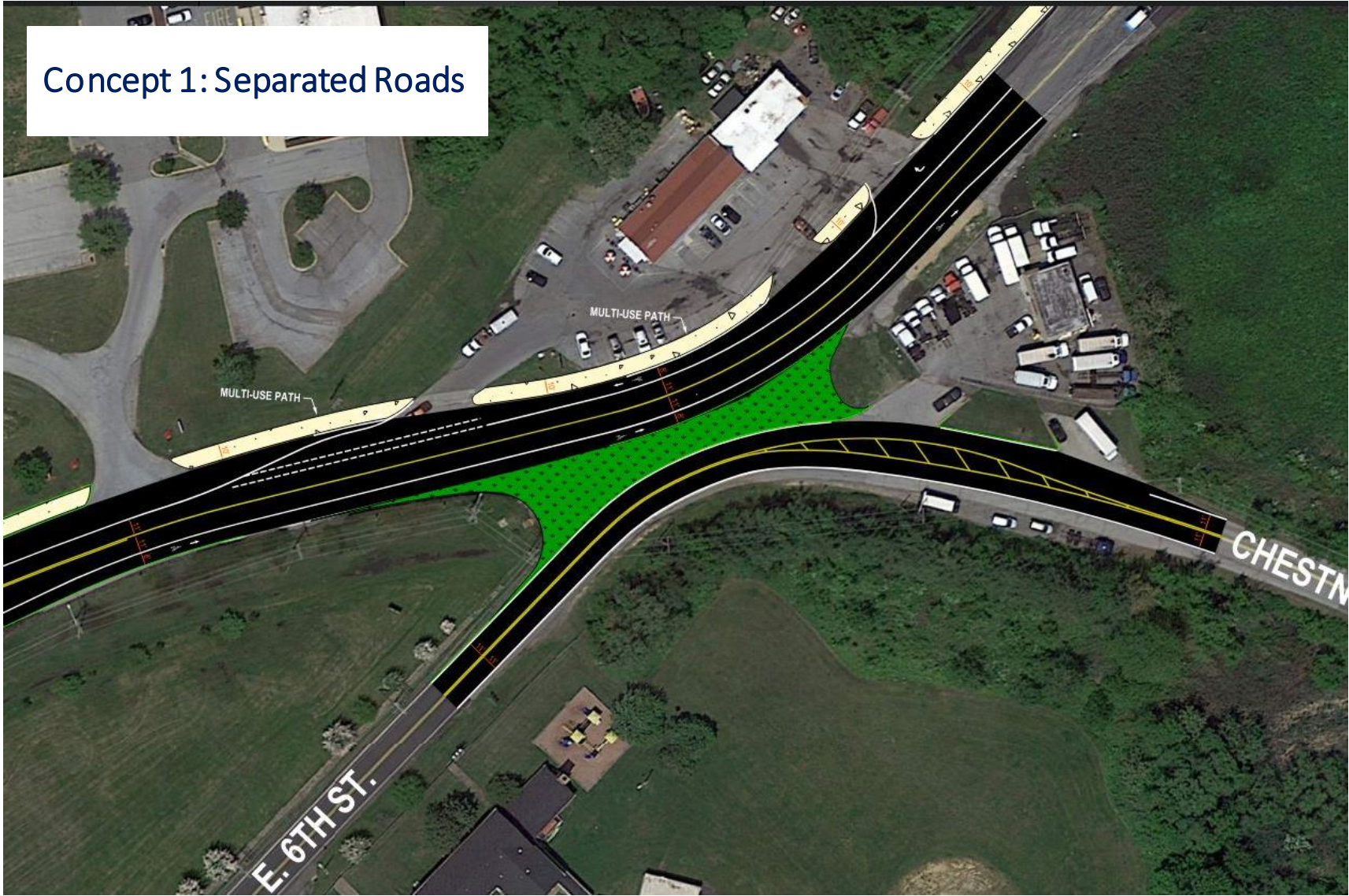
Design Conditions

- Existing Ferry Cut Off St/E 6th St/Chestnut St
- Old Road Structure Still Exists
- 6th St Functions as Through Route and Ferry Cut Off Street Functions Side Street
- Misleading Roadway Geometry
- High Speed
- Entering and Exiting is Difficult
- Crossing is Unsafe
- No Dedicated Bicycle Facilities
- Maintain Existing Access



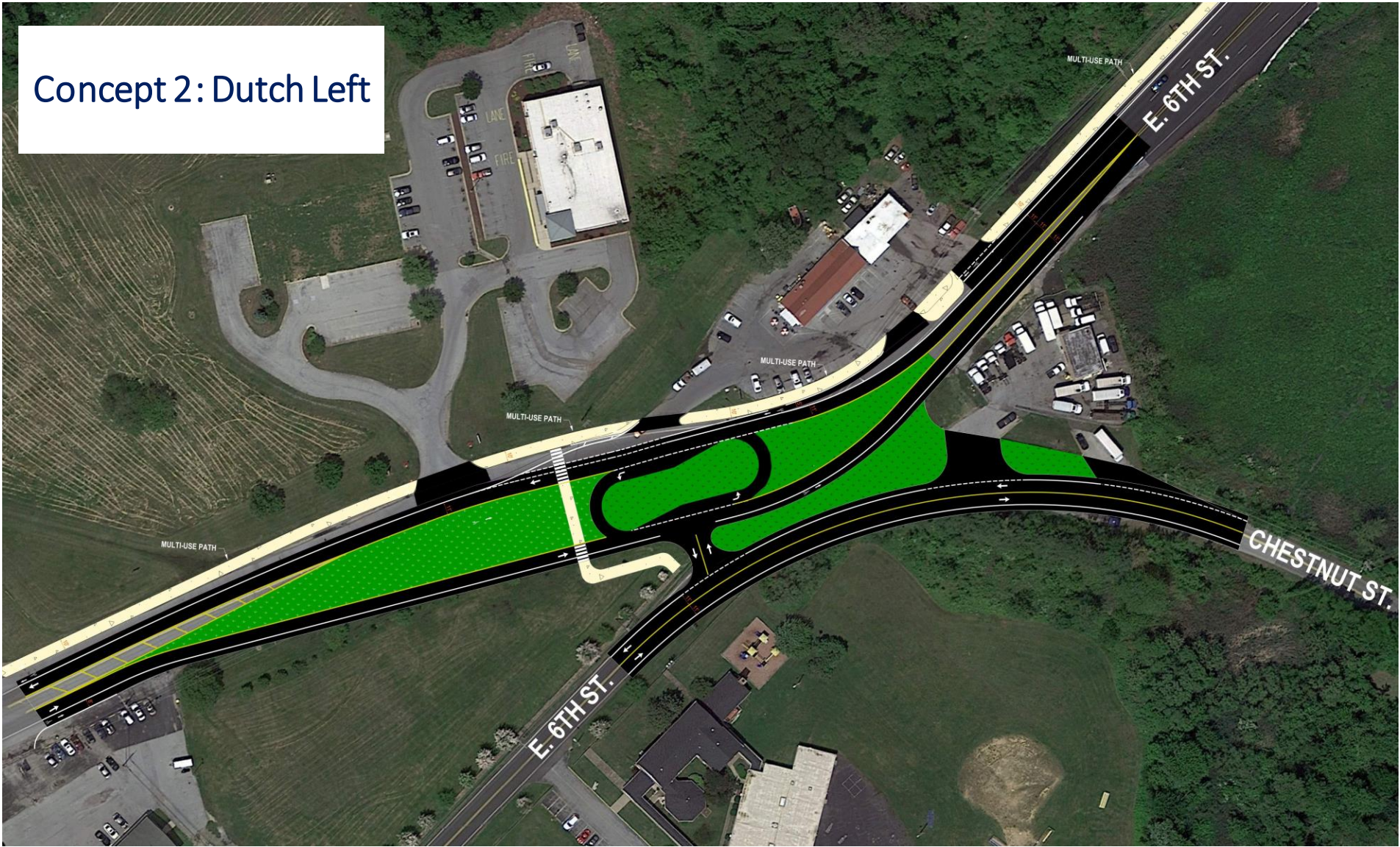
Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Concept

Concept 1: Separated Roads



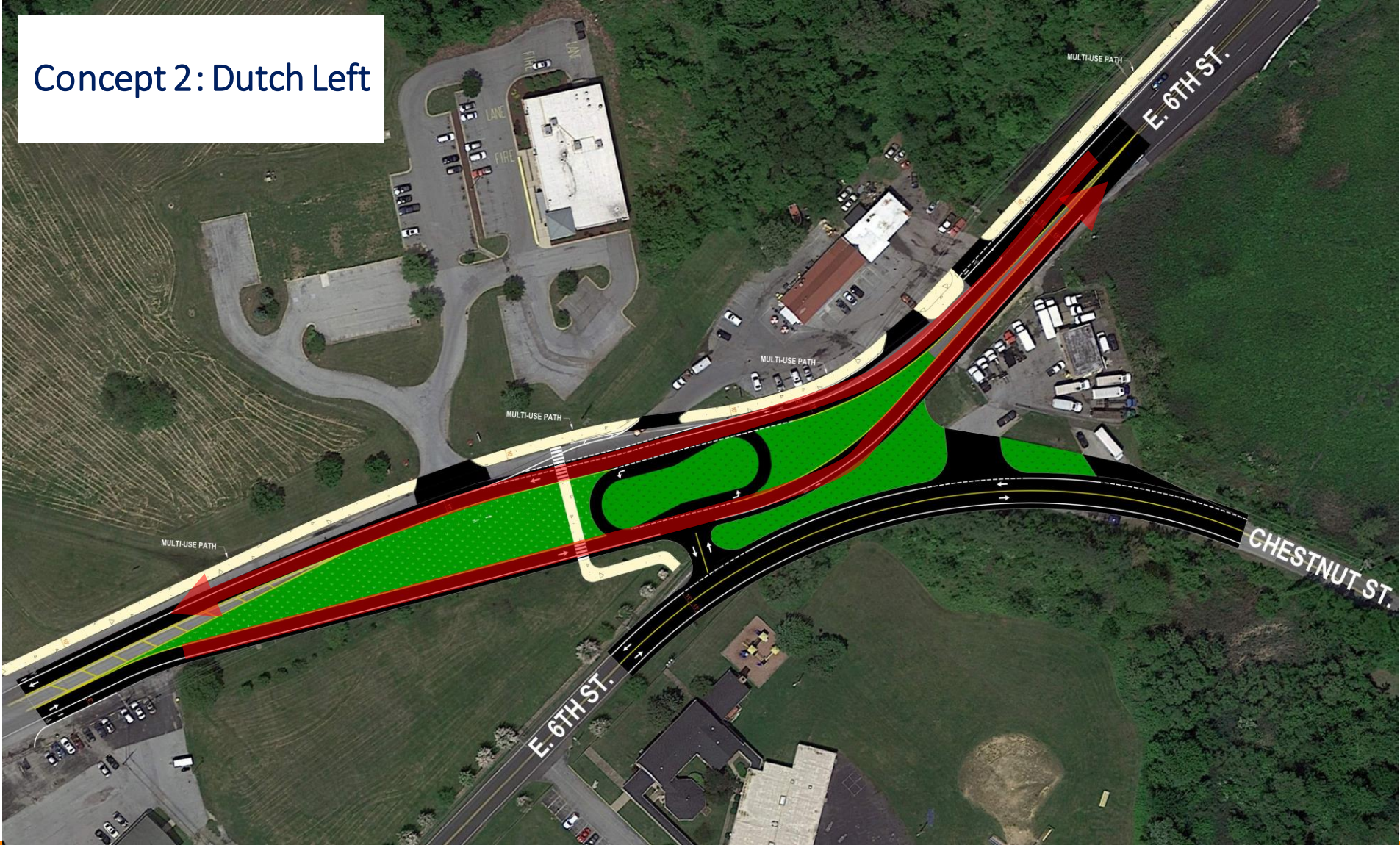
Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Concept

Concept 2: Dutch Left



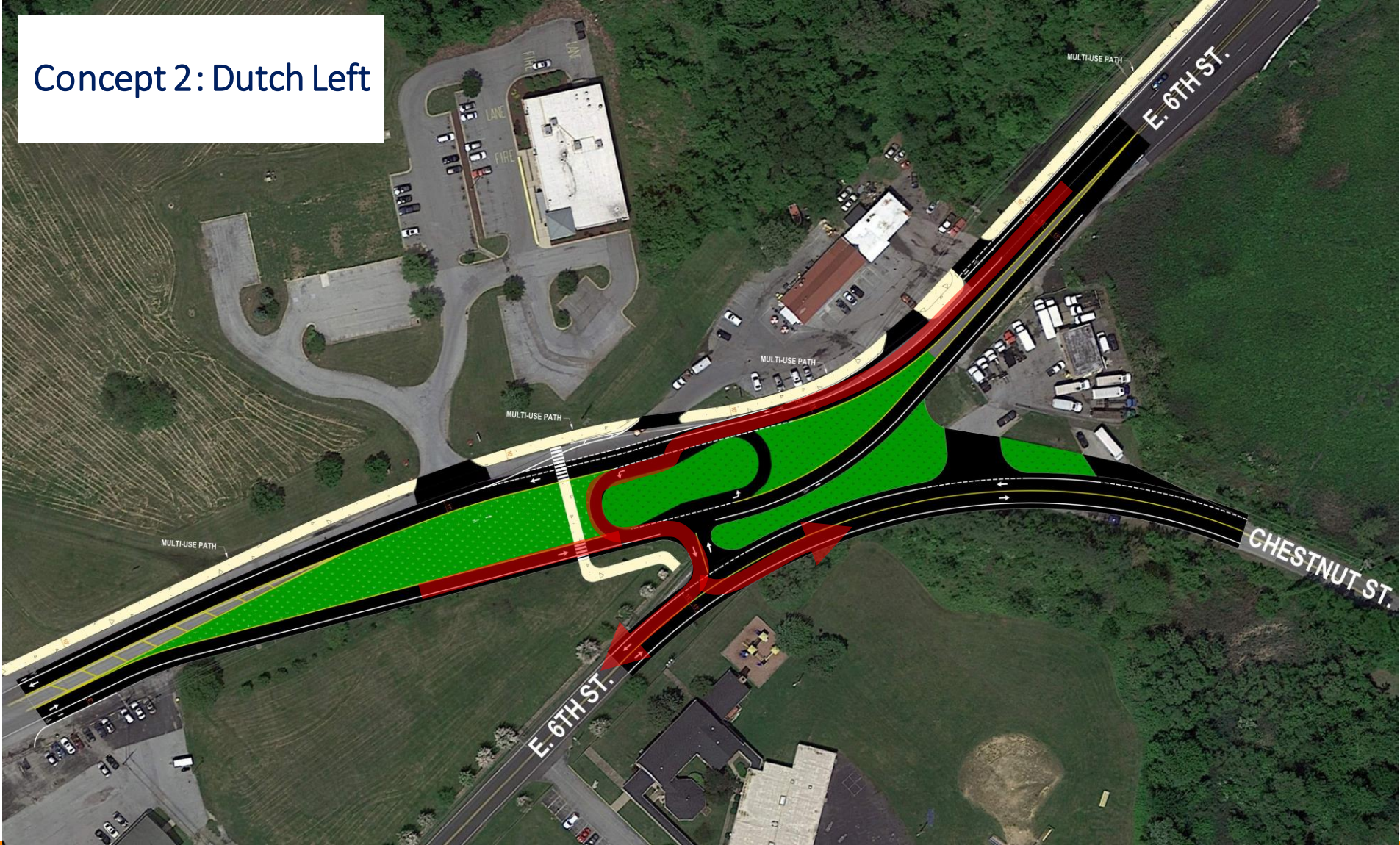
Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Concept

Concept 2: Dutch Left



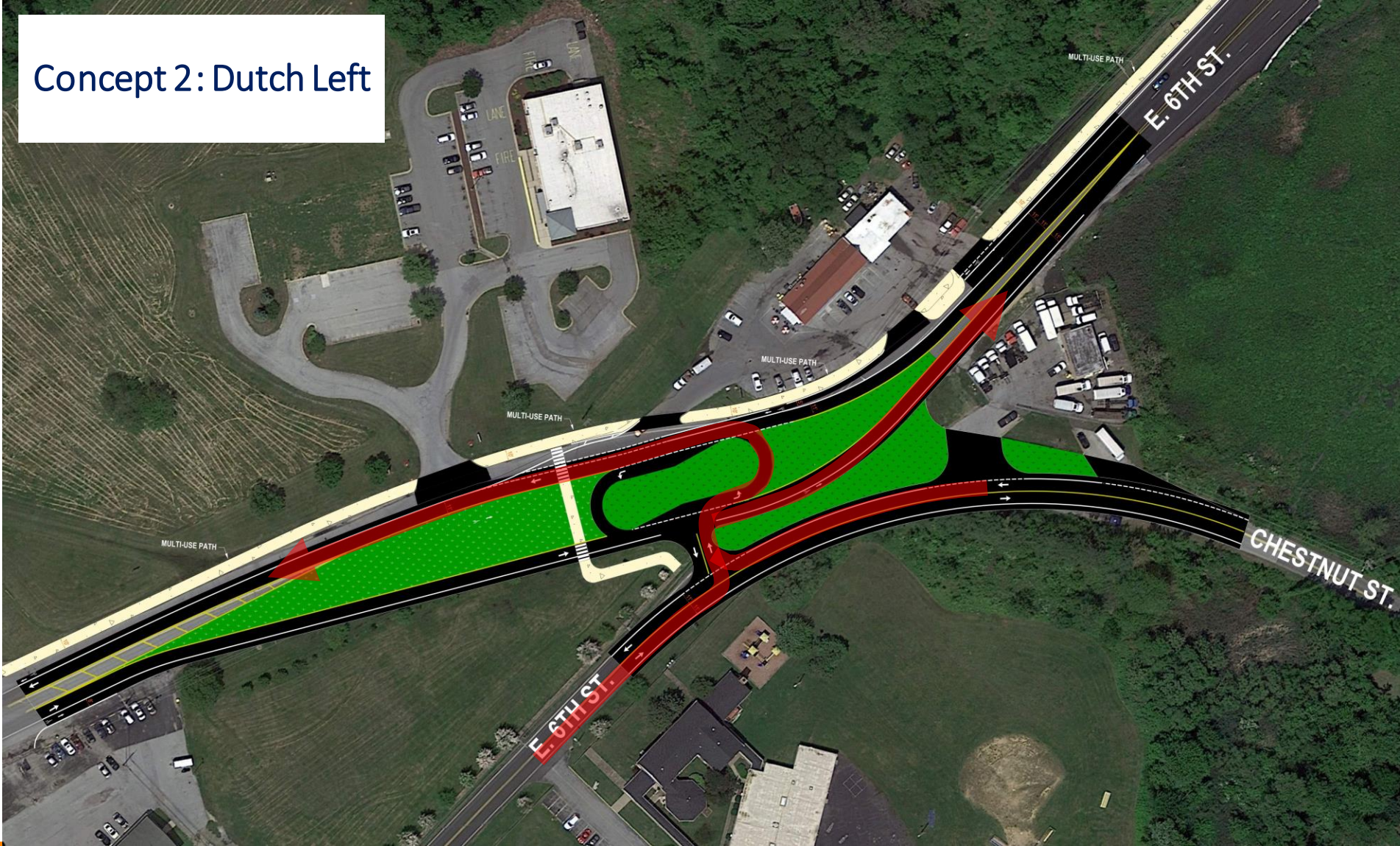
Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Concept

Concept 2: Dutch Left



Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Concept

Concept 2: Dutch Left



Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Concept

No Passing Near Intersection

- Lower Speeds
- Bigger Gaps in Traffic Flow

No Traffic Lights

- More Attention to Surroundings and Other Users
- Enhanced Driver Alertness
- Increased Safety

Less Asphalt

- Lower Maintenance Costs
- Reduced Stormwater Needs
- Enhanced Integration in Urban Setting

Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Concept

Lower Speed on Main Route

- Less Severe Crashes
- Improved Response Times
- Increased Safety

Single Lane Lower Speed Main Route

- Easier Crossings for Cyclists and Pedestrians

Fluid Continuous Traffic Flow on Main Route

- Shorter Travel Time
- Lower Emissions

Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Concept



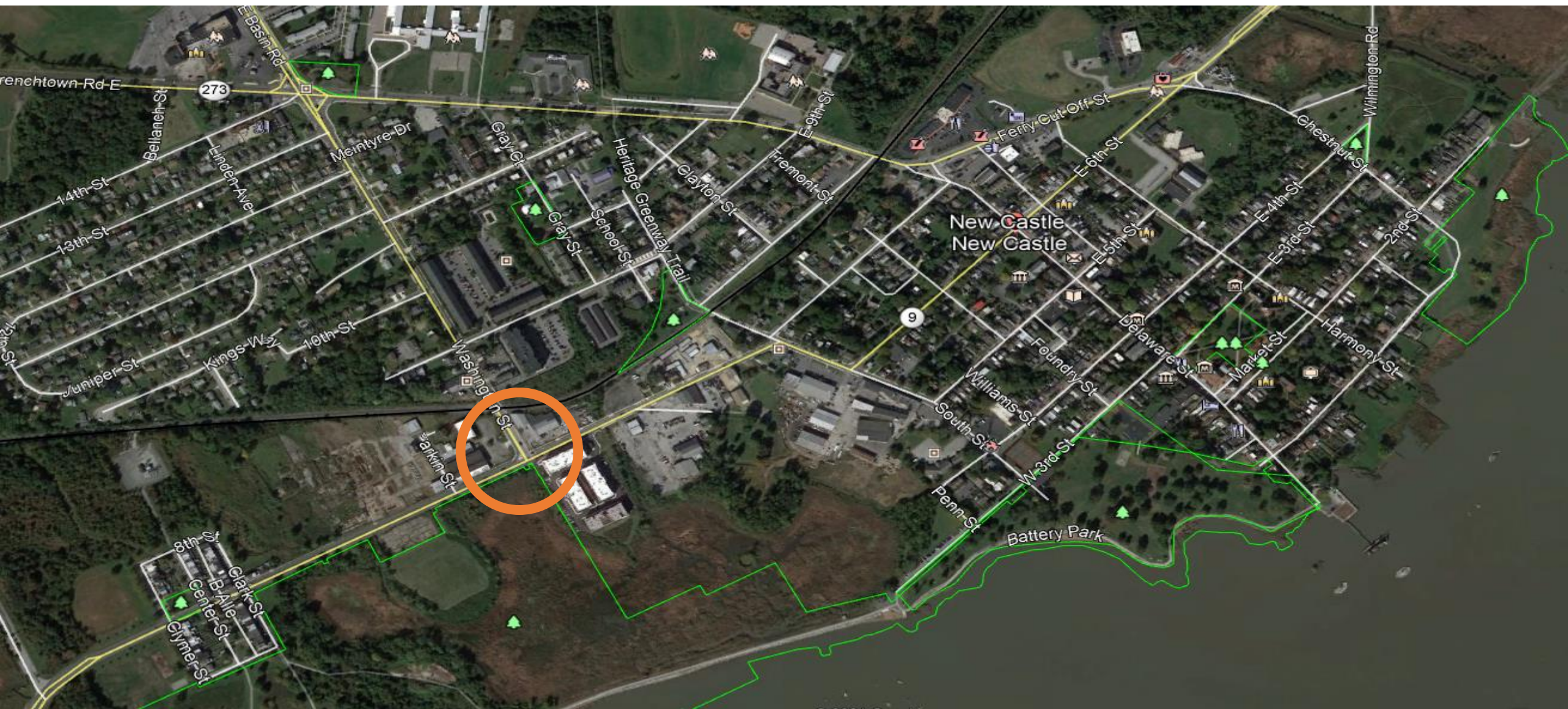
Poll Question 6

Which Concept at the Ferry Cut Off Street / E 6th Street / Chestnut Street Intersection Do You Support?

- A. Support Concept 1: Separated Roads
- B. Support Concept 2: Dutch Left
- C. Support Both
- D. Support Neither
- E. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*

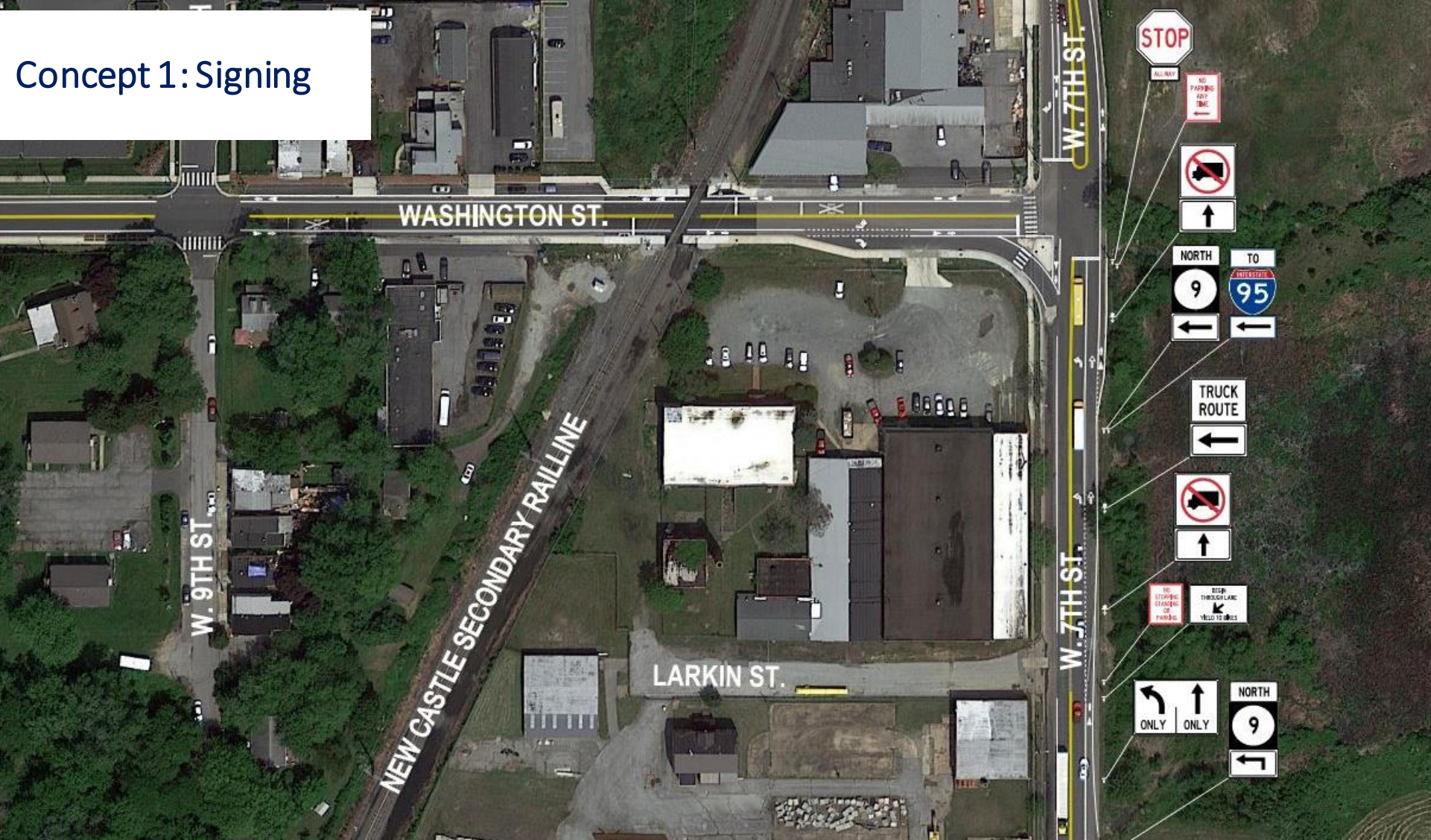
W 7th Street / Washington Street Intersection



Existing W 7th Street /
Washington Street
Intersection



W 7th St / Washington St Intersection



W 7th St / Washington St Intersection Concept 2

Concept 2: Washington
Street Sweep



Poll Question 7

Which Concept at the W. 7th Street/Washington Street Intersection Do You Support?

- A. Support Concept 1: Signing
- B. Support Concept 2: Washington Street Sweep
- C. Support Both
- D. Support Neither
- E. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*



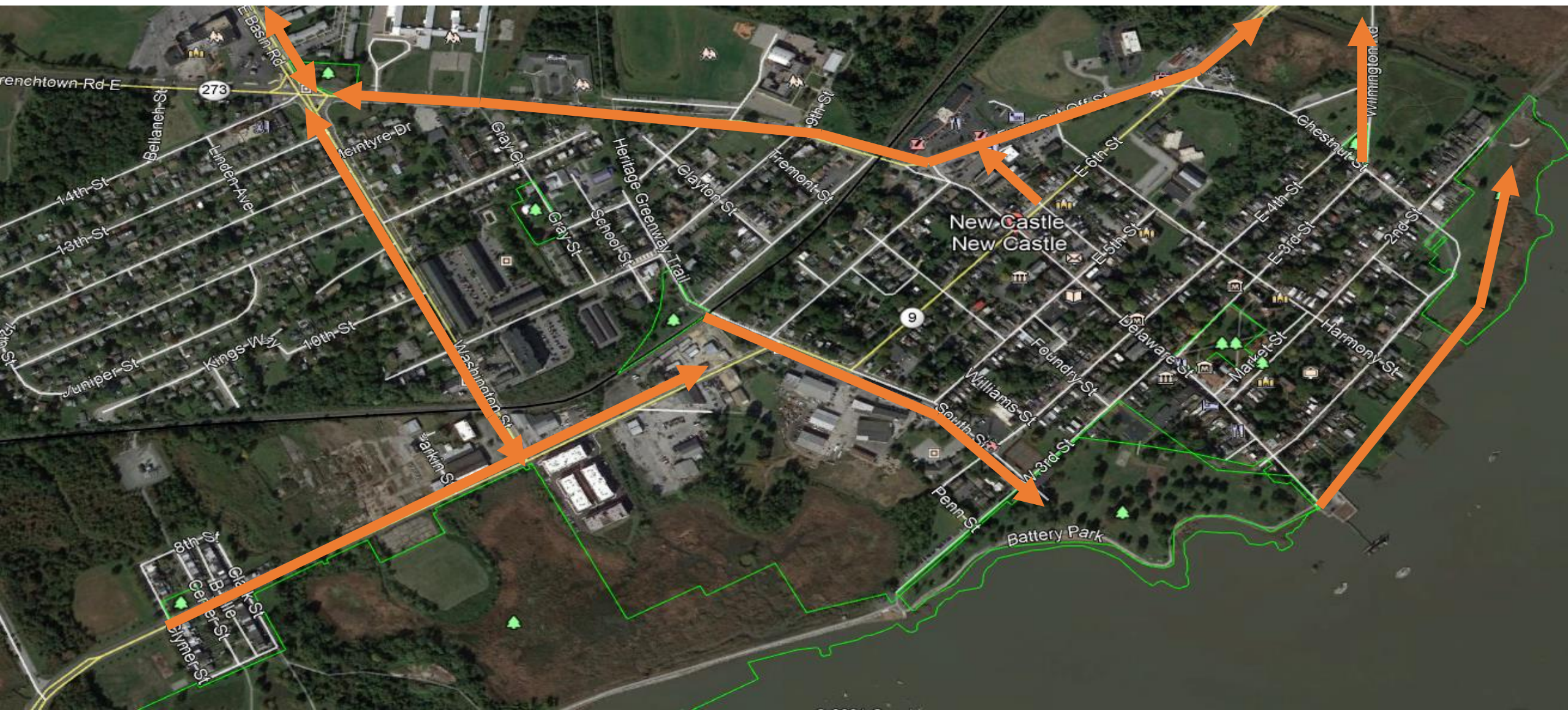
Poll Question 8

Do You Support a Revised Bicycle Network Which Identifies On-Road and Off-Road Paths?

- A. Yes
- B. No
- C. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*

Bicycle & Pedestrian Improvements



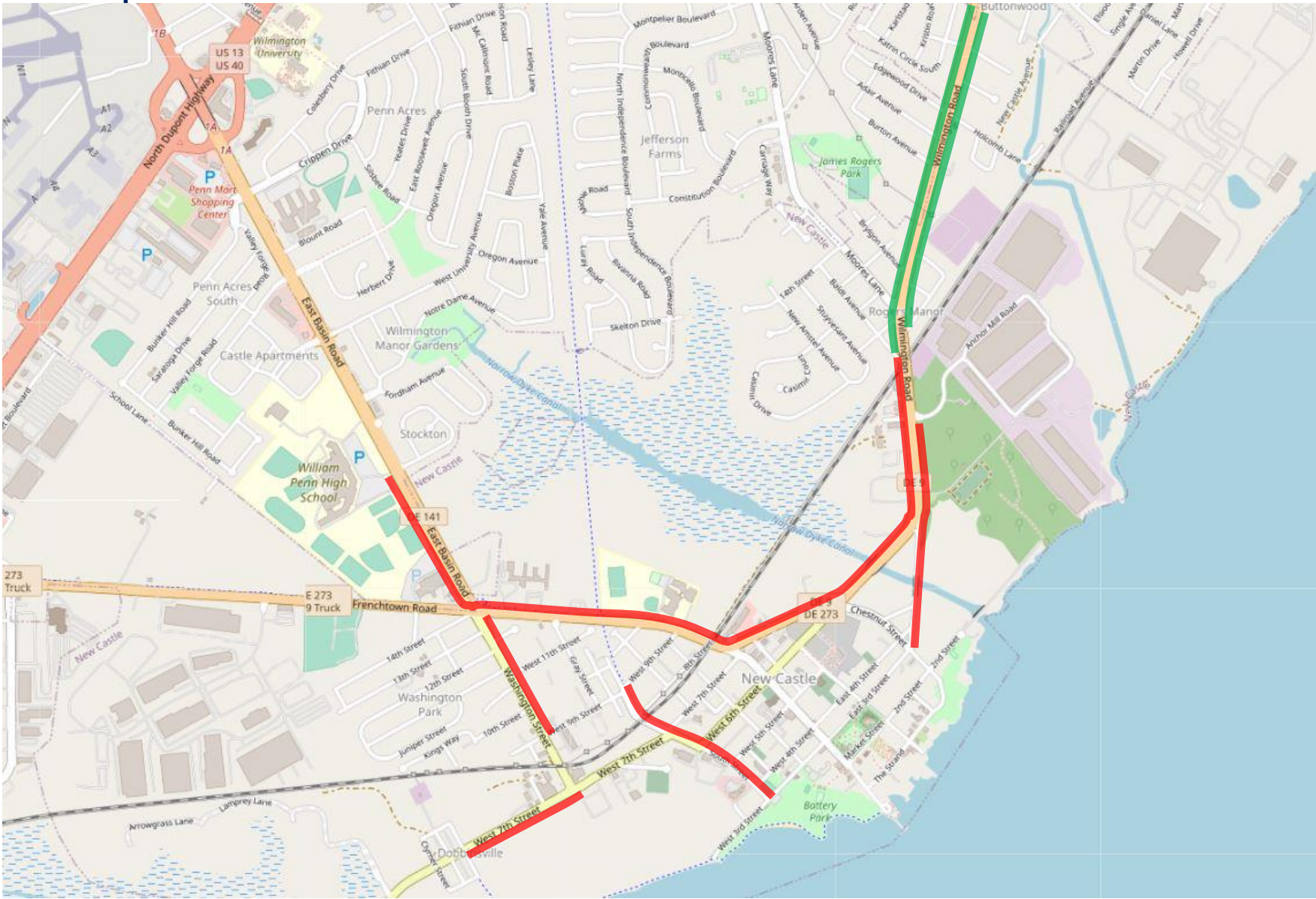
Multimodal Composite Concept

Legend

Enhanced 10'
Multi Use Path



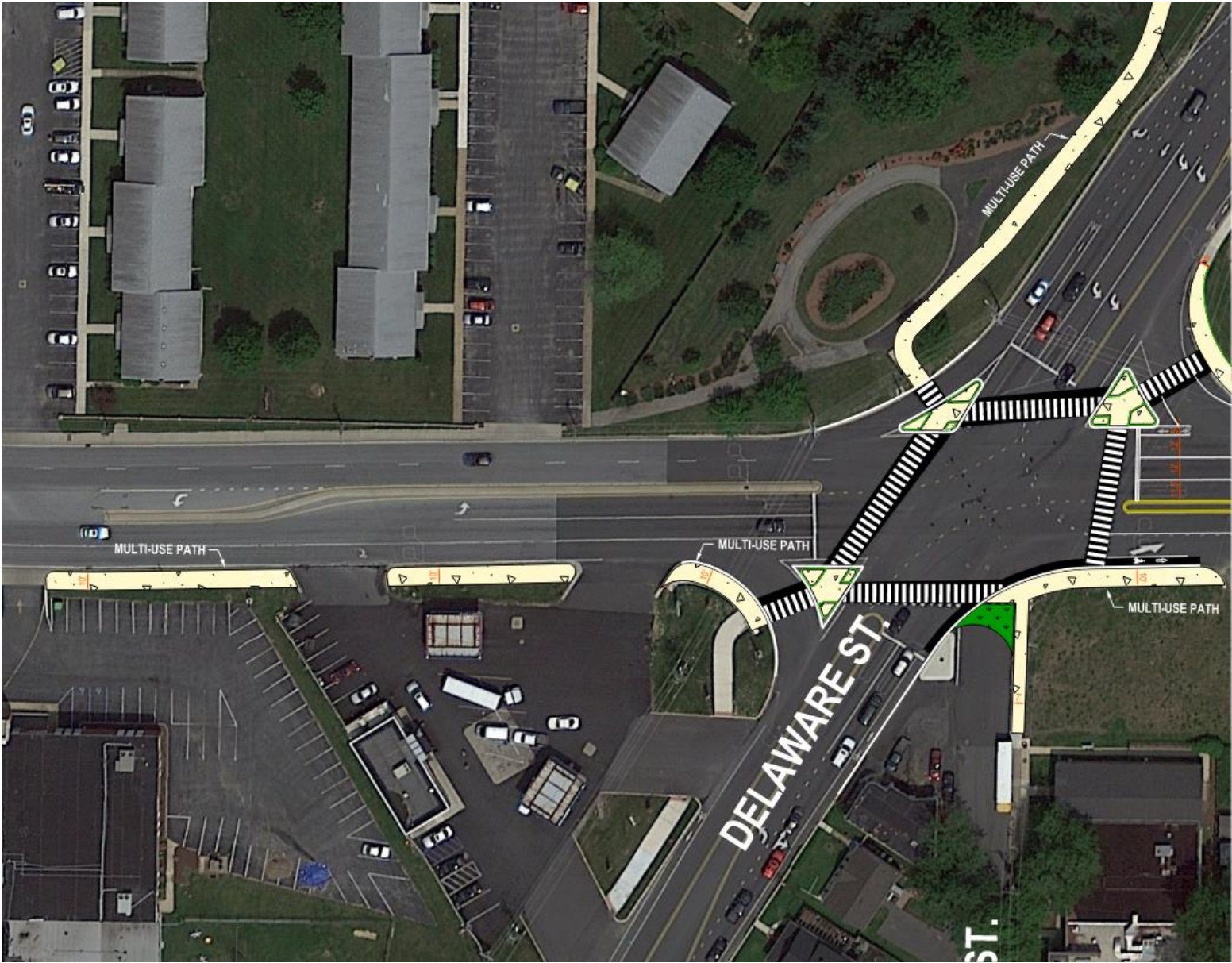
Sidewalk
Improvements
(Filling in the
Gaps)



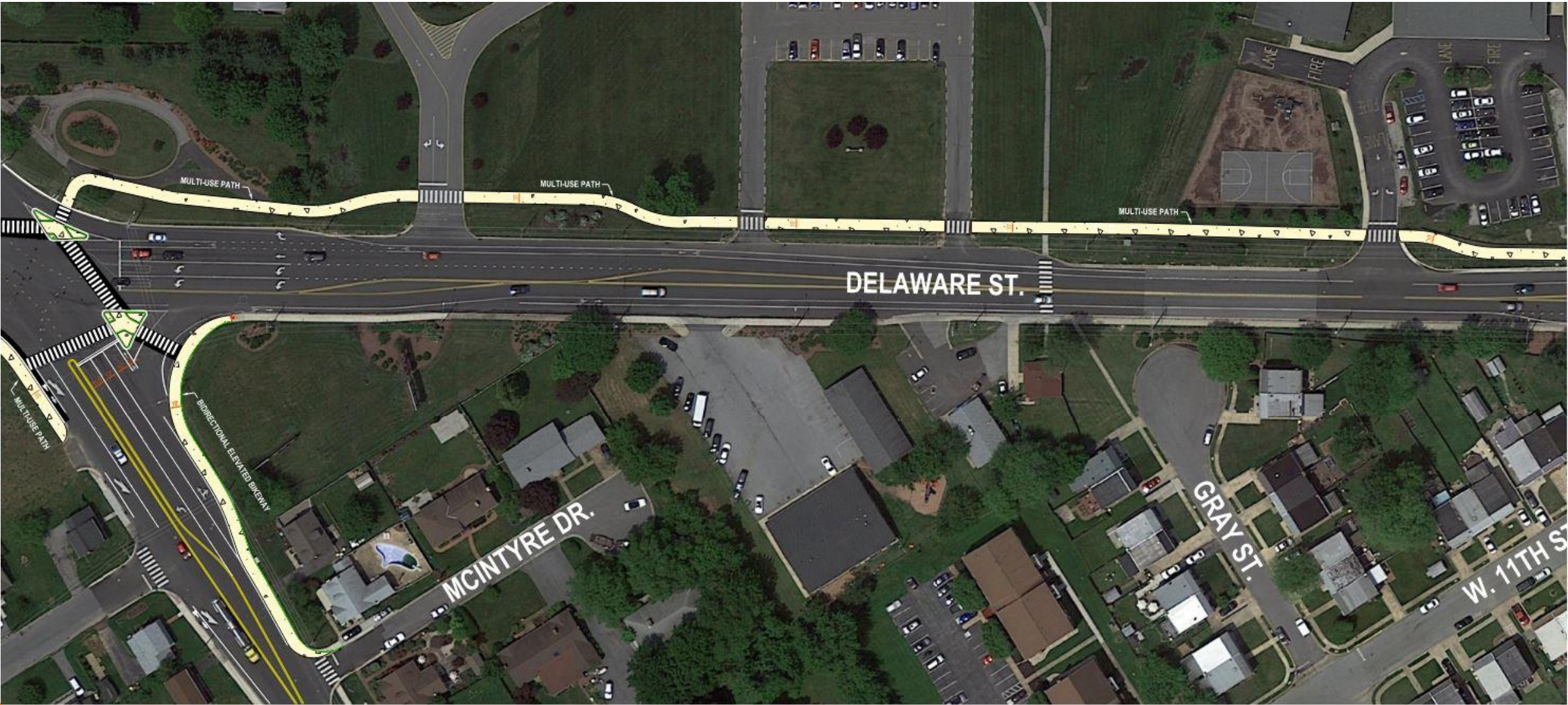
Basin Road Multimodal Concept



Basin Road Multimodal Concept



Delaware Street/Ferry Cut Off Street Concept

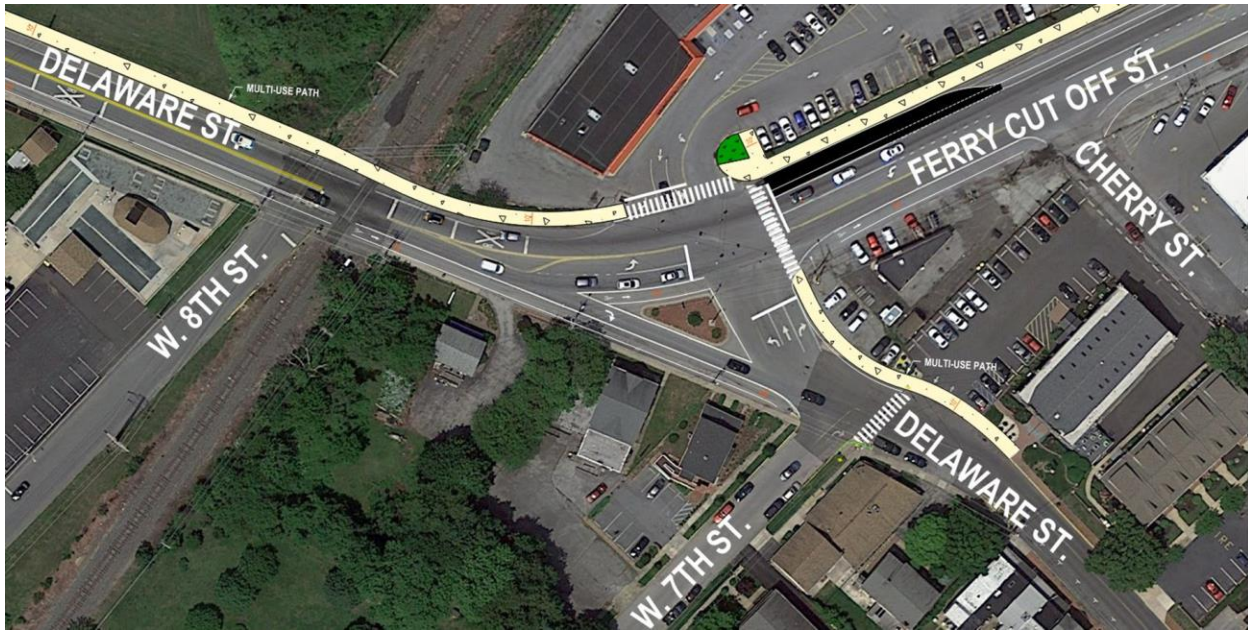


Delaware Street/Ferry Cut Off Street Concept

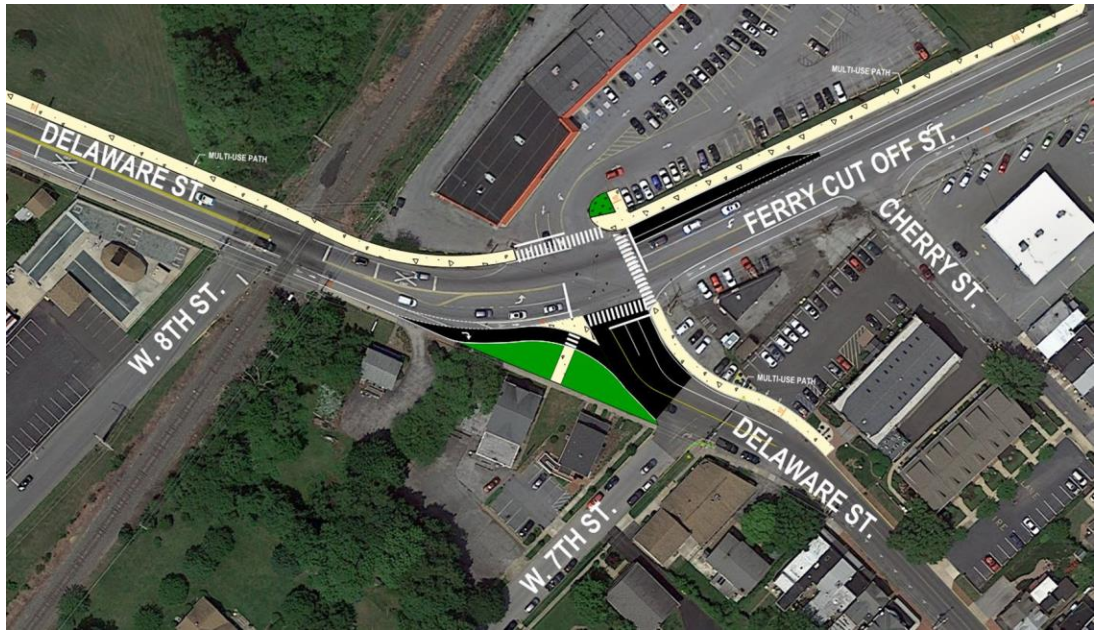


Delaware Street/Ferry Cut Off Street Concept

Alternative 1



Alternative 2

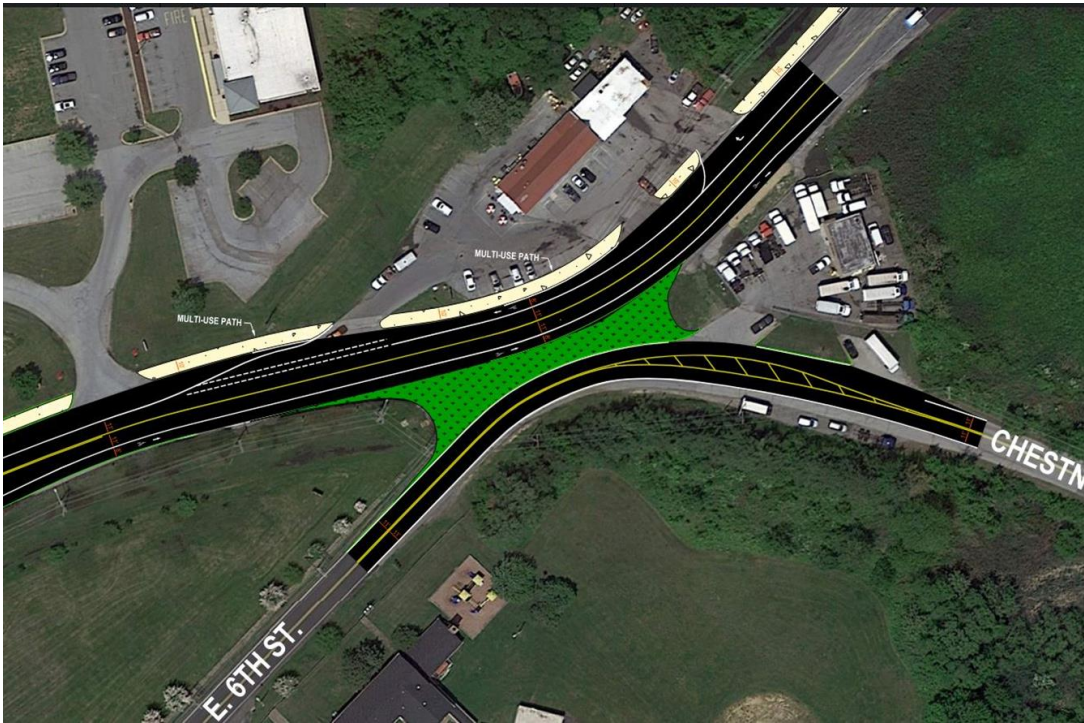


Delaware Street/Ferry Cut Off Street Concept

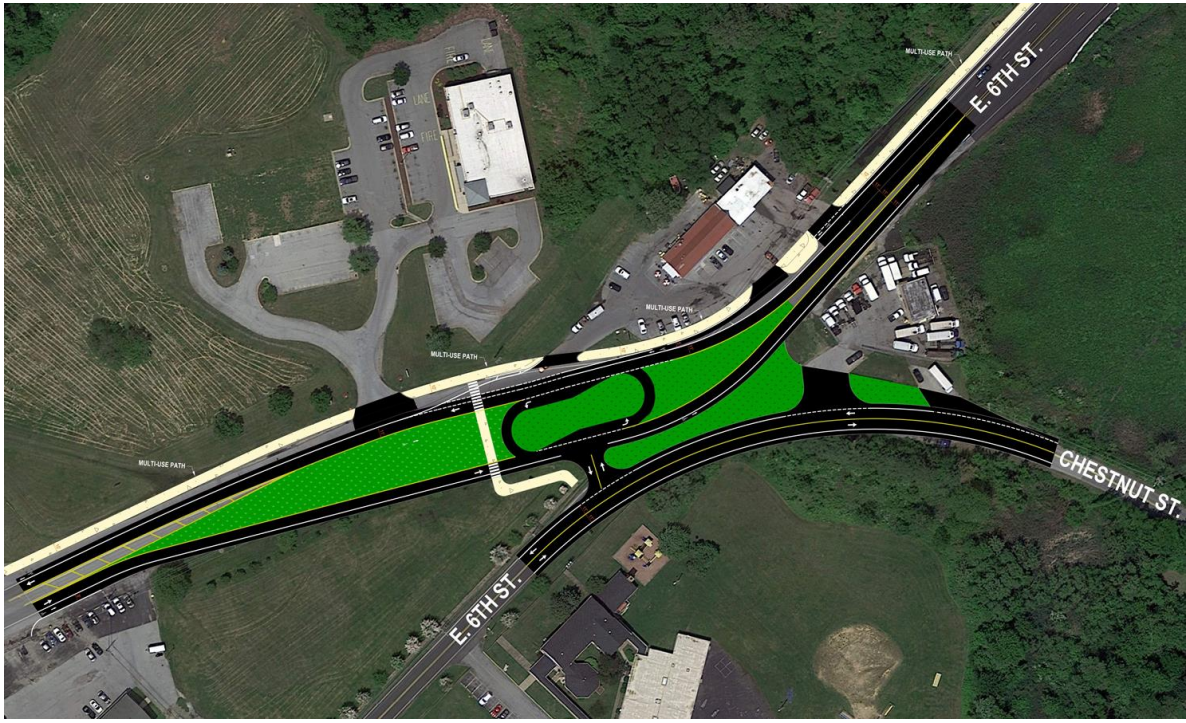


Delaware Street/Ferry Cut Off Street Concept

Alternative 1



Alternative 2



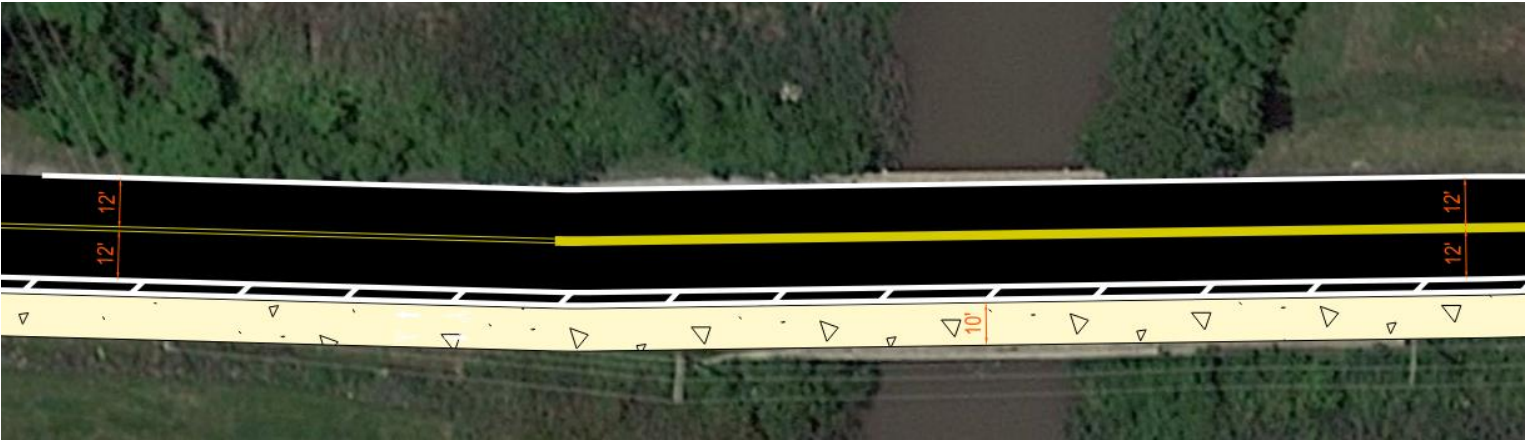
Delaware Street/Ferry Cut Off Street Concept



Wilmington Road Multimodal Concept



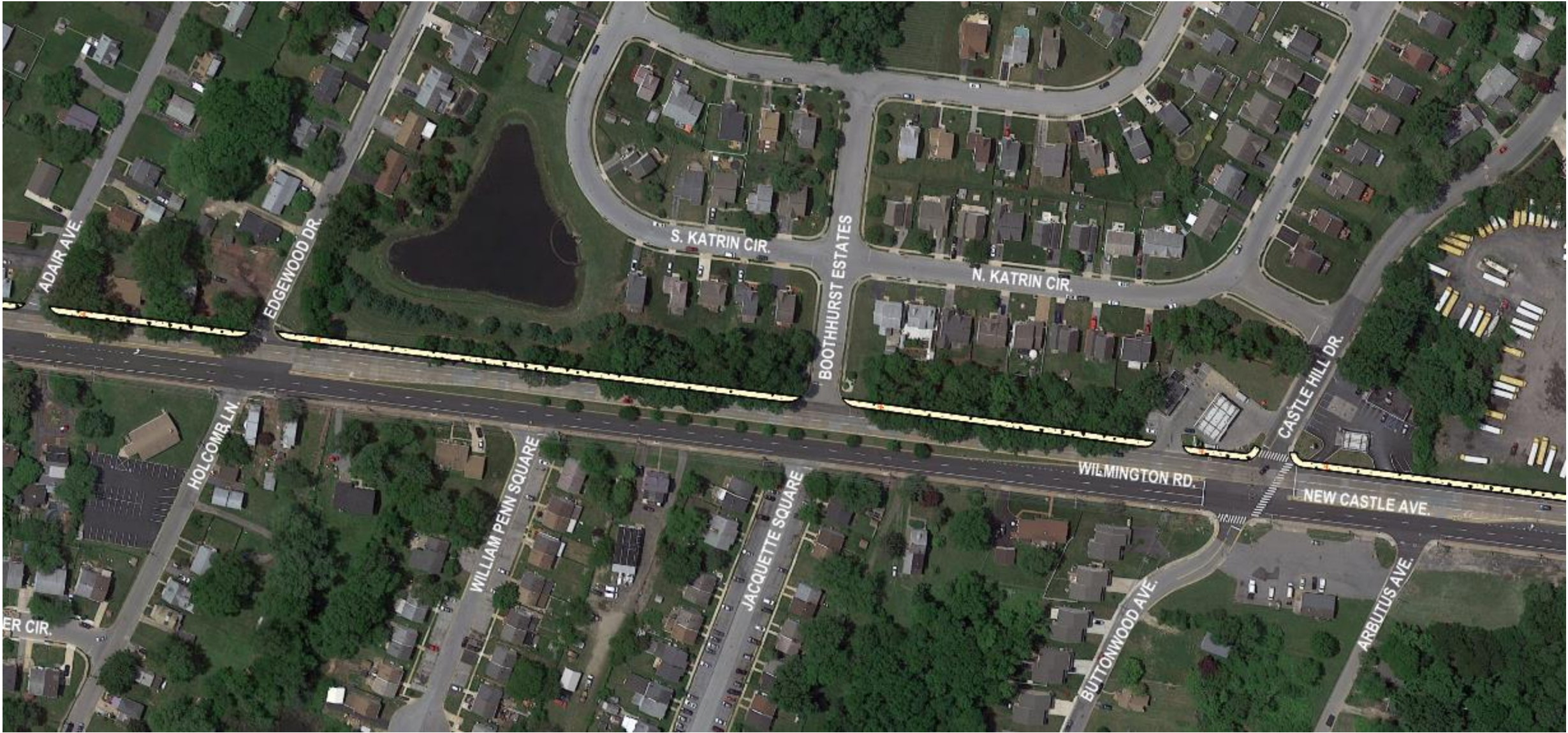
Wilmington Road Multimodal Concept



Landers Lane Multimodal Concept



Landers Lane Multimodal Concept



Landers Lane Multimodal Concept



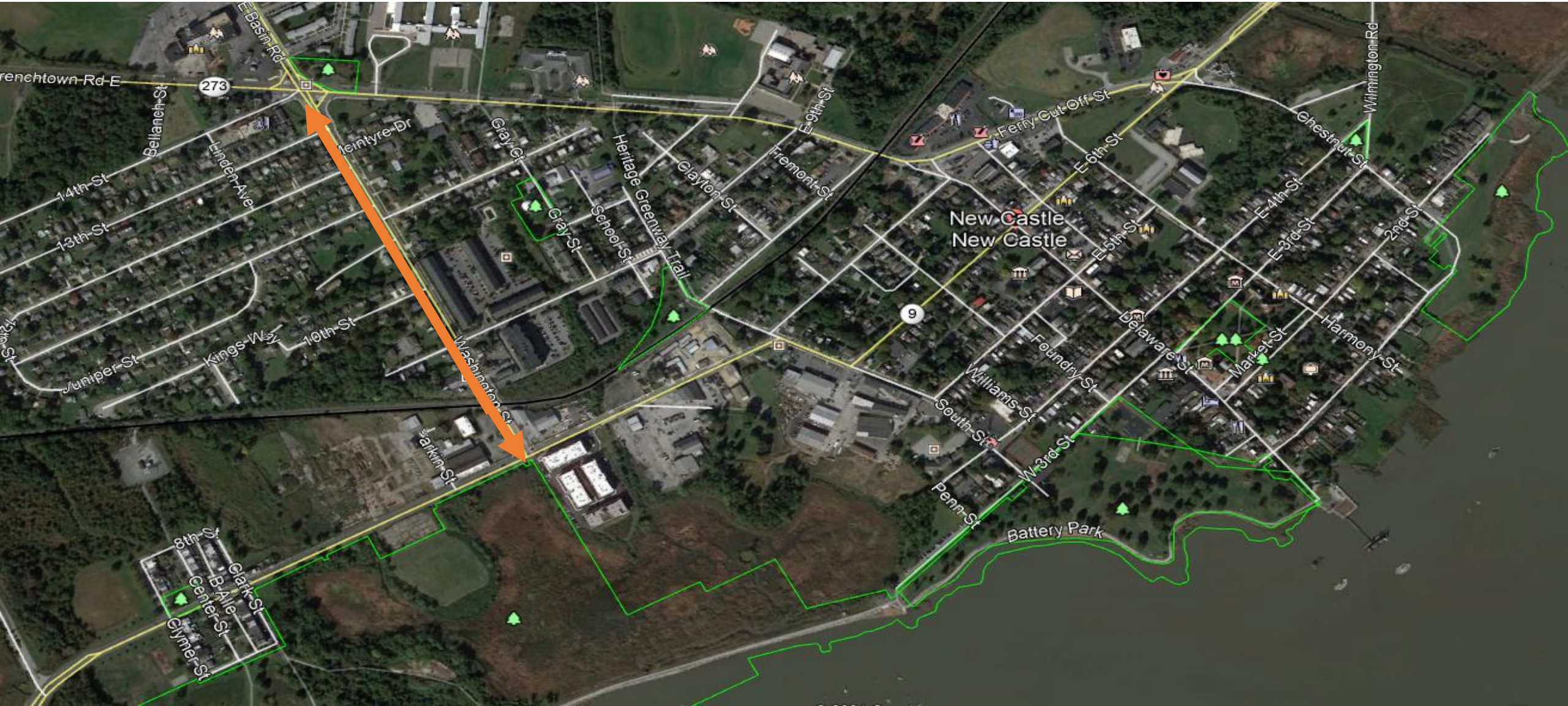
Poll Question 9

Do You Support a Continuous Multi Use Path from the SR 273/SR 141 Intersection to Landers Lane and Along Basin Road?

- A. Yes
- B. No
- C. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*

Washington Street



Washington Street Concept



Washington Street Concept



Poll Question 10

Do You Support a Separated Bicycle Path Along Washington Street?

- A. Yes
- B. No
- C. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*

Dobbinsville Multi Use Path Connector Concept



Poll Question 11

Do You Support the Dobbinsville Multi Use Path Connector?

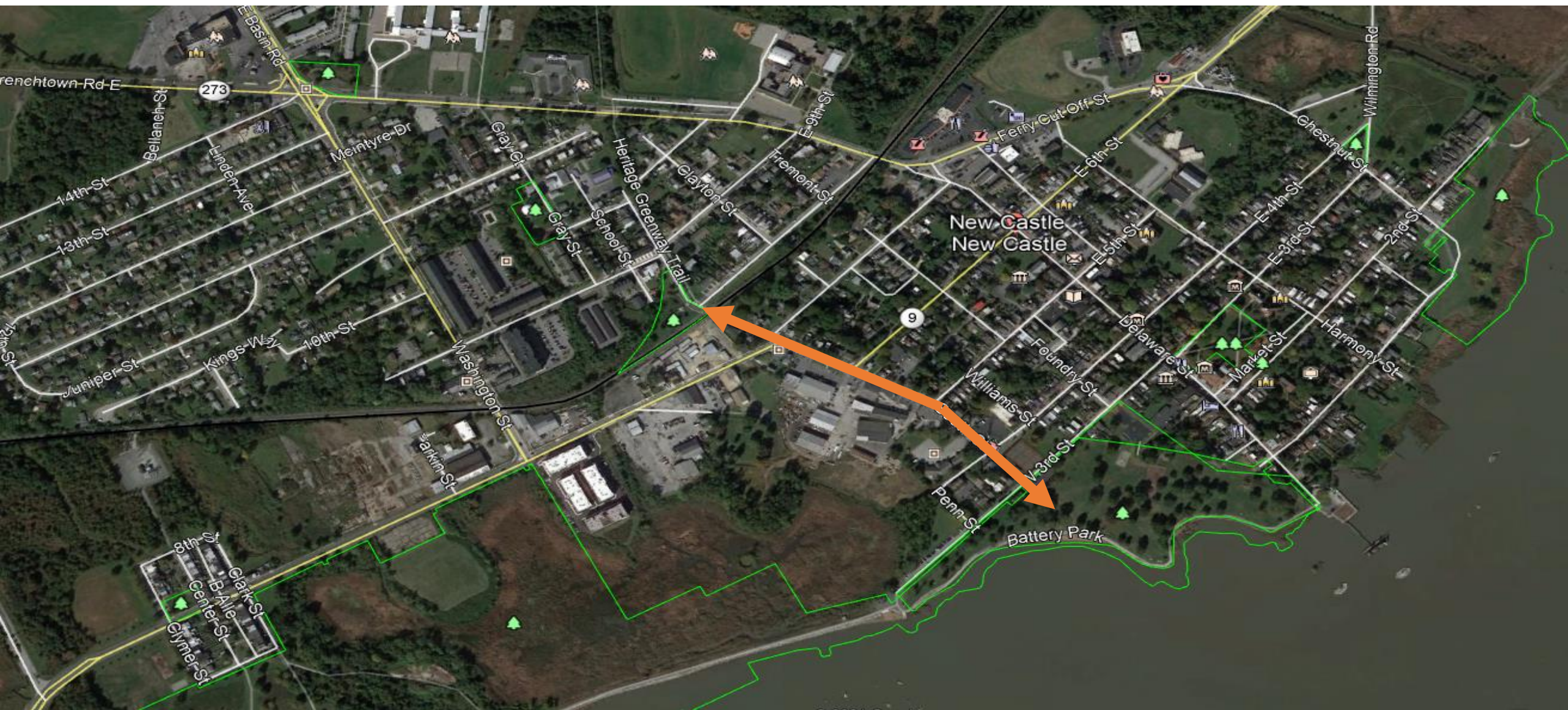
A. Yes

B. No

C. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*

South Street



Existing South Street



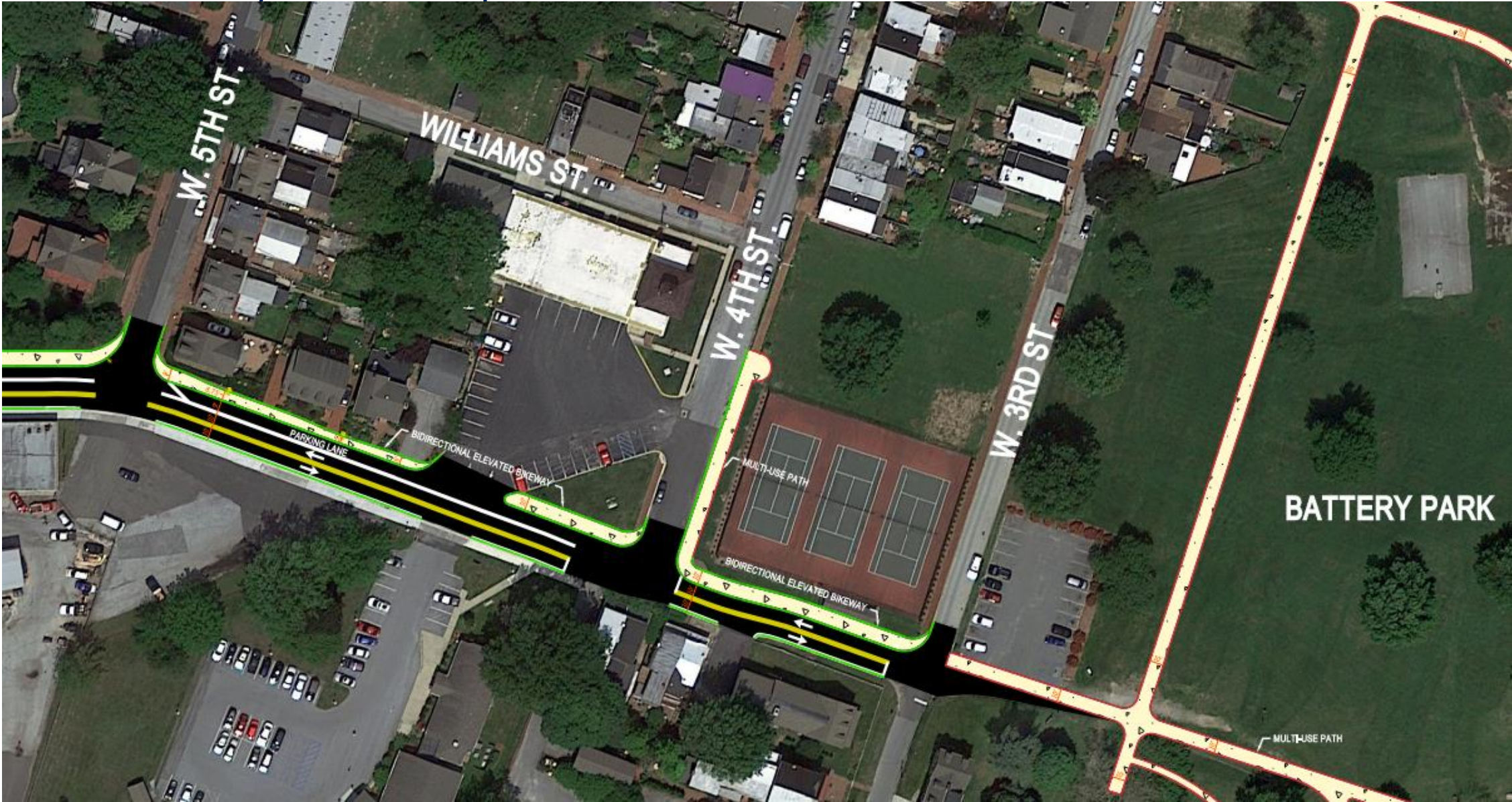
Battery Park Concepts



South Street Proposed Concept



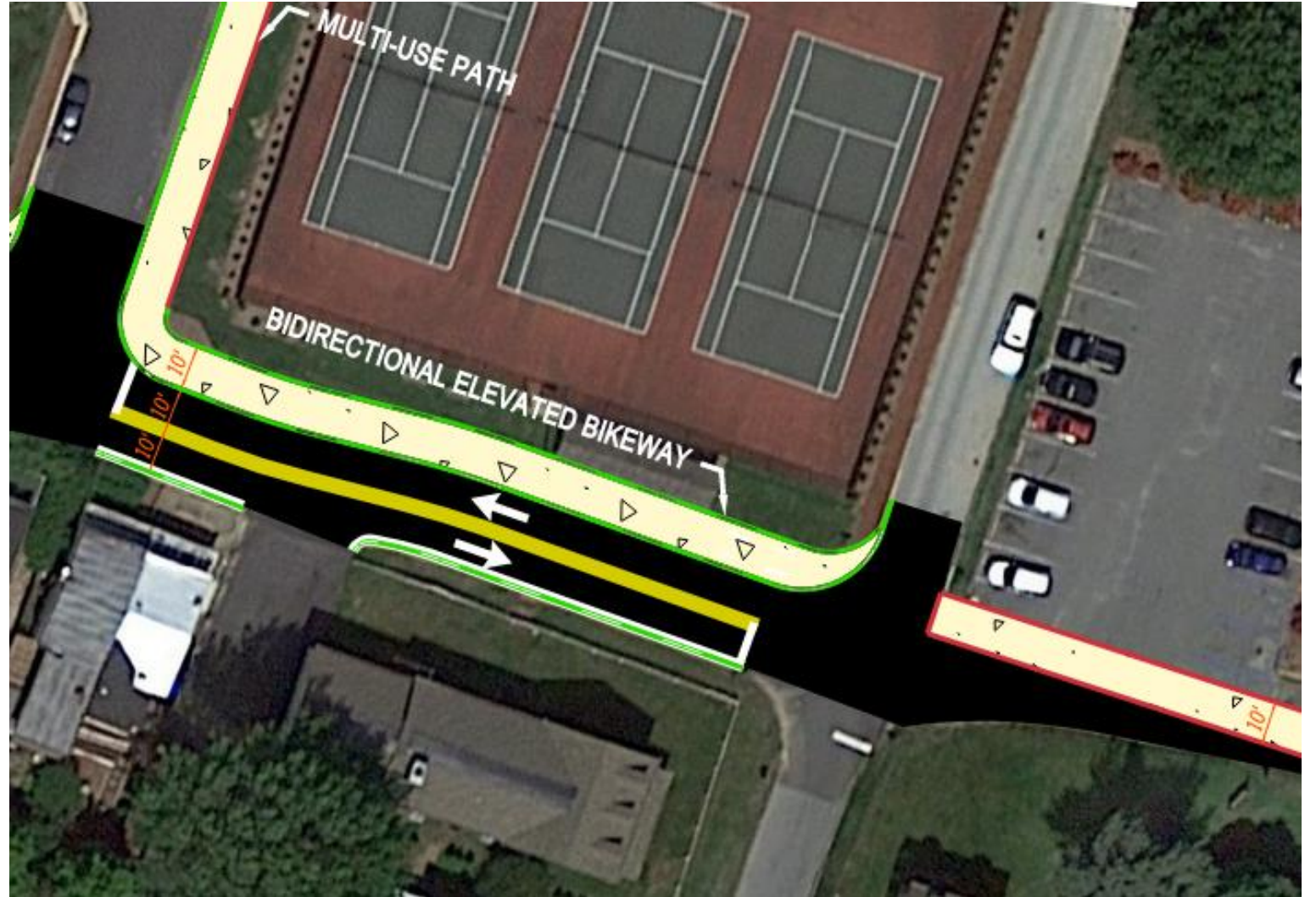
South Street Proposed Concept



South Street Proposed Concept – Between 6th and 7th Streets



South Street Proposed Concept Between 3rd and 4th Streets



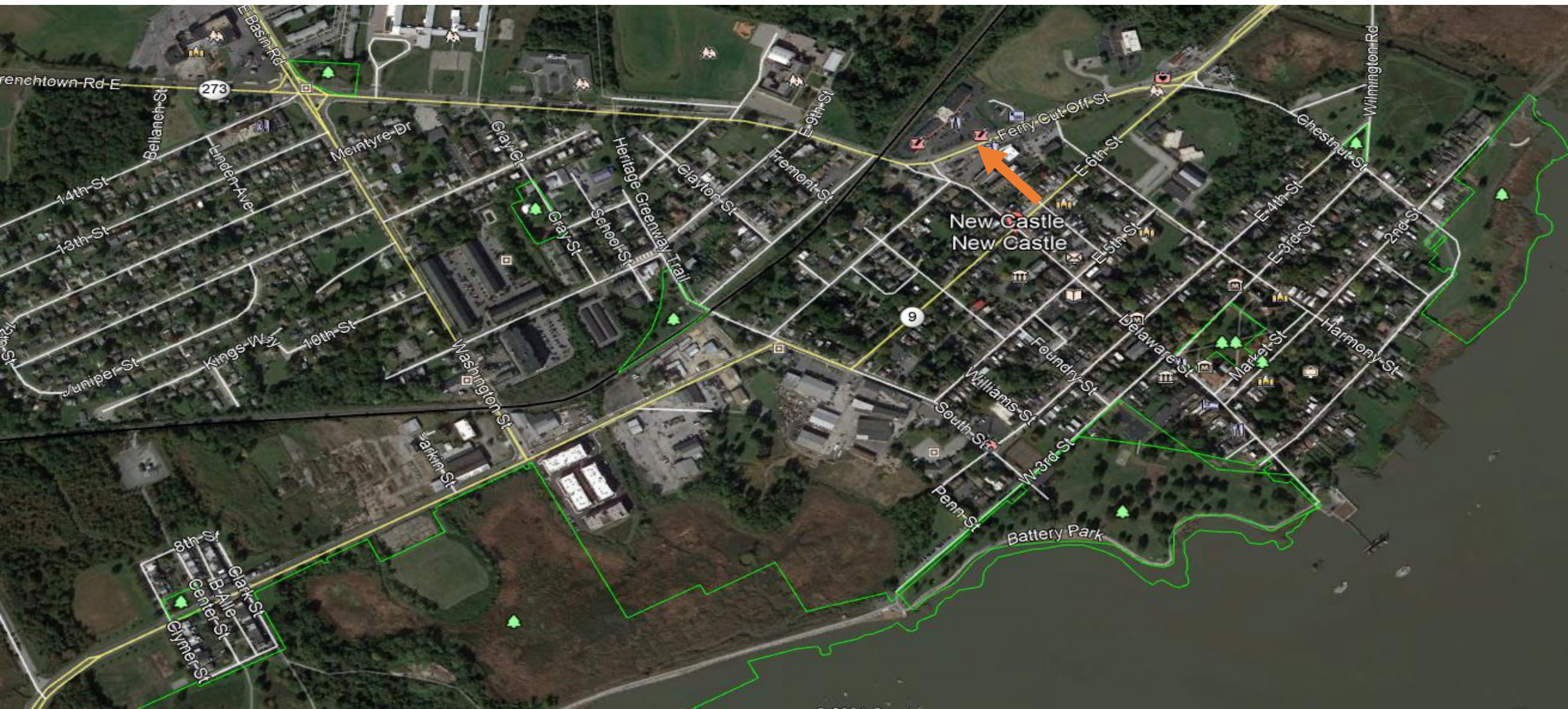
Poll Question 12

Do You Support the Proposed Improvements Along South Street?

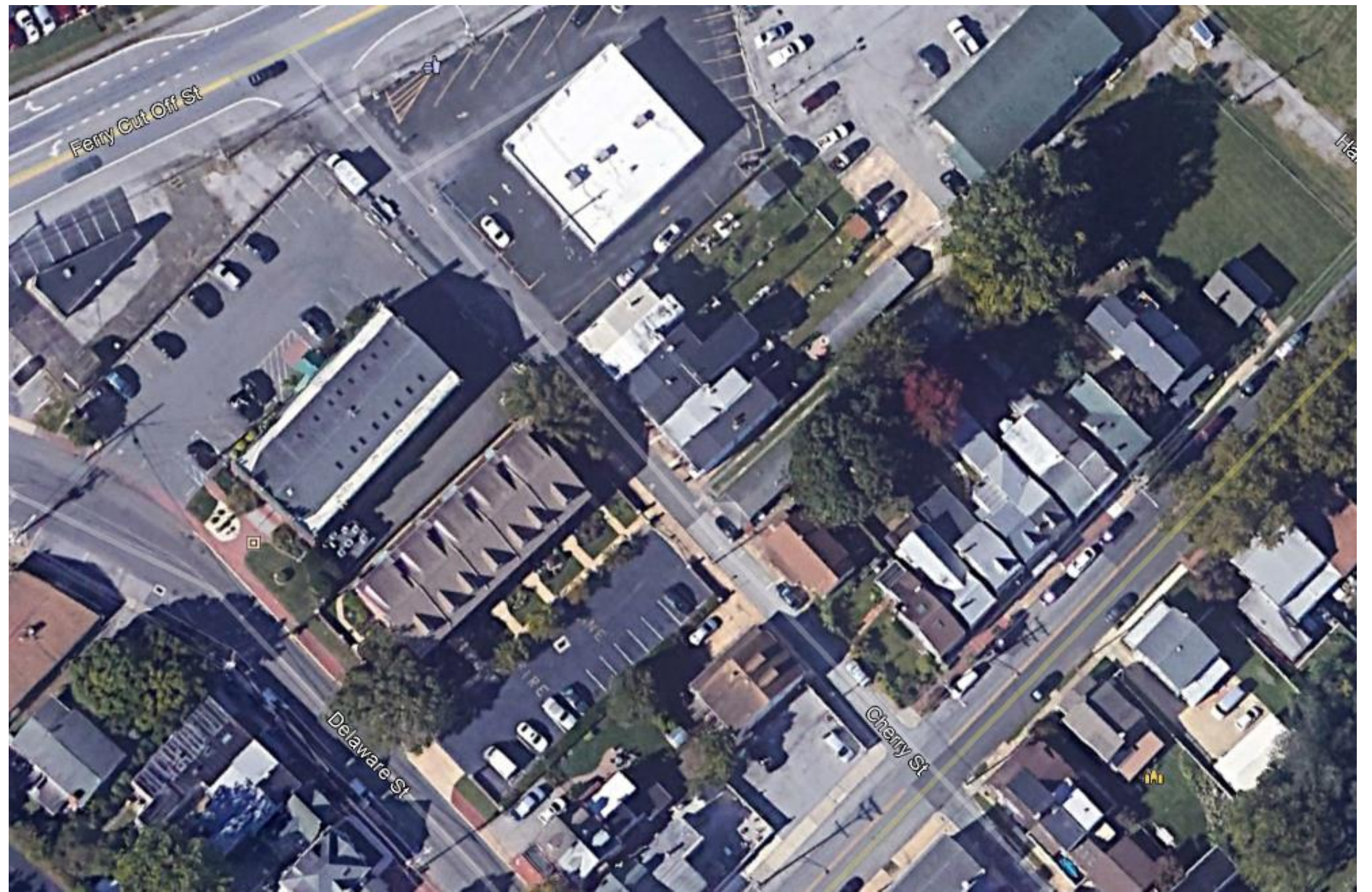
- A. Yes
- B. No
- C. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*

Cherry Street



Existing Cherry Street



Cherry Street Concept



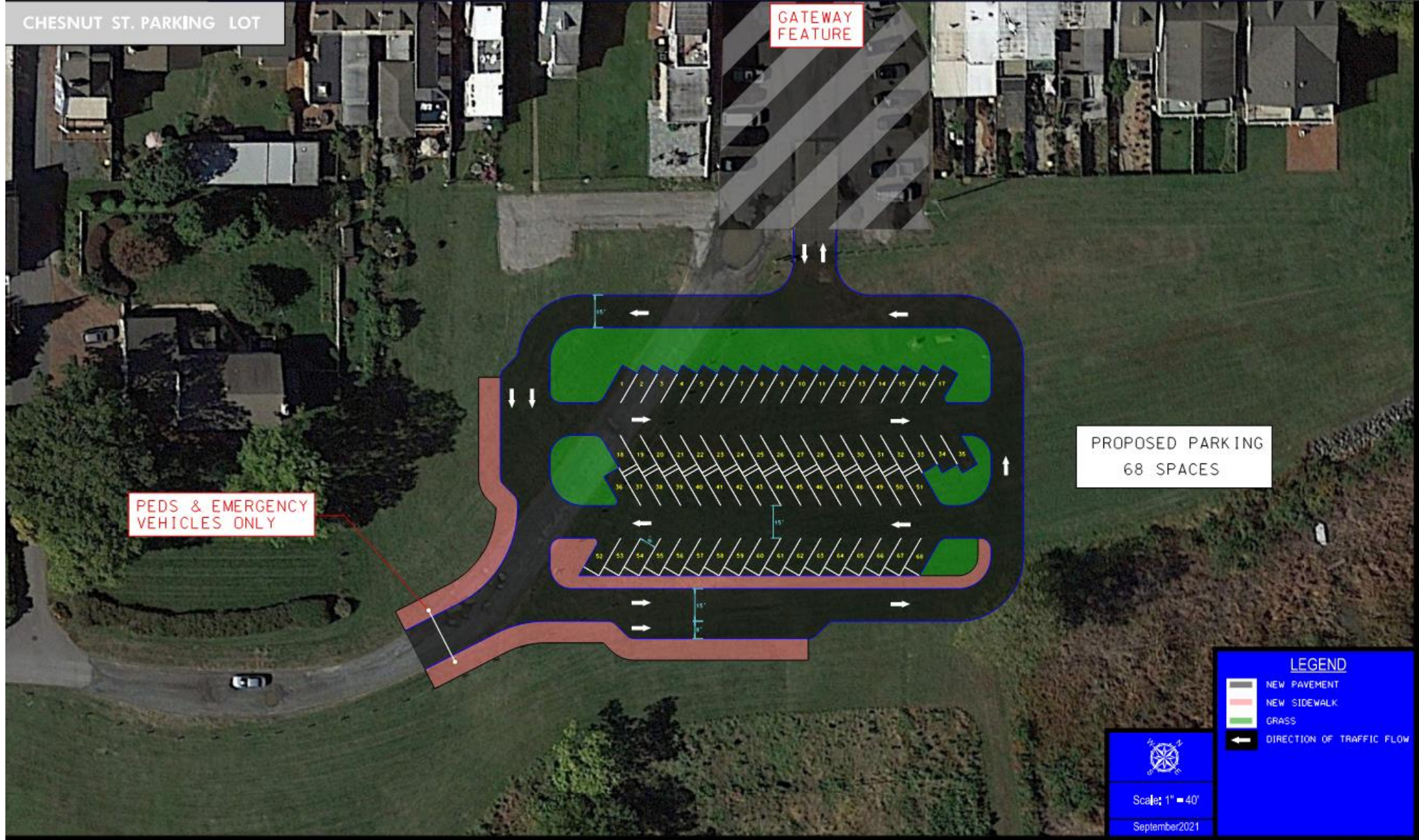
Poll Question 13

Do You Support the Proposed Improvements Along Cherry Street?

- A. Yes
- B. No
- C. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*



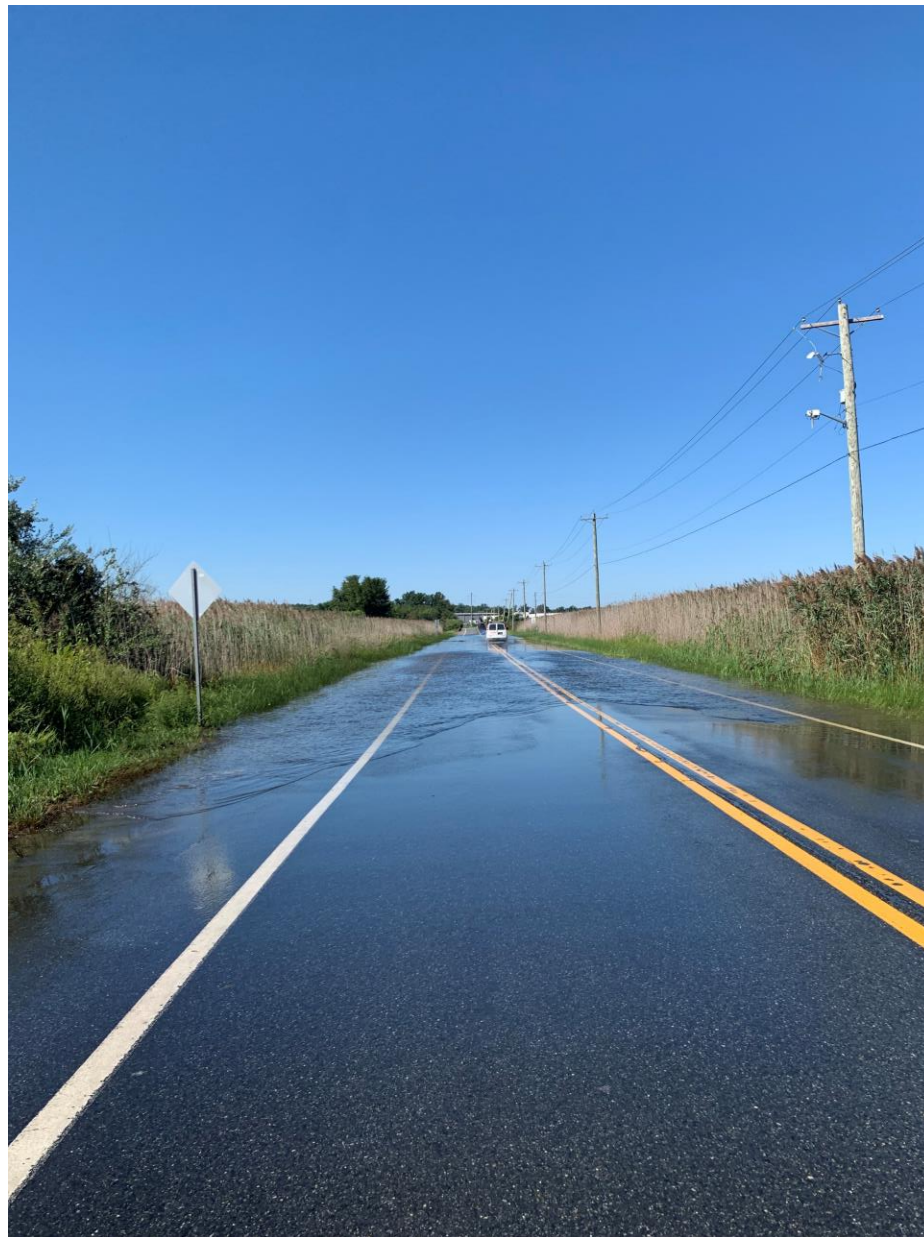


Poll Question 14

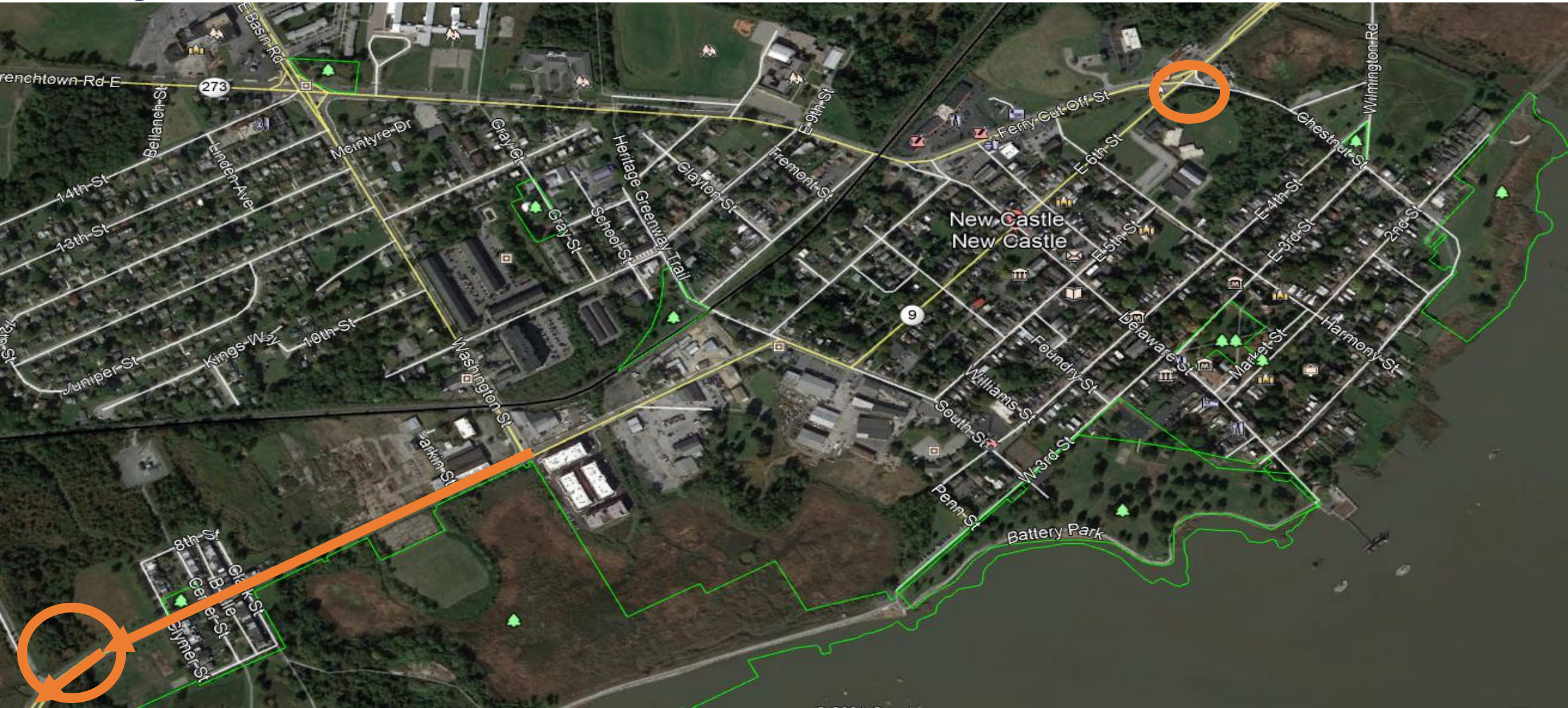
Do You Support the Proposed Expansion of the Chestnut Street Parking Lot?

- A. Yes
- B. No
- C. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*



Flooding



Flooding



SR 9, River Road Area Improvements, Flood Remediation

- Preliminary Engineering FY 2023/24
- Right of Way FY 2024/25
- Construction FY 2028

Poll Question 16

Do You Support the Proposed Flood Improvements?

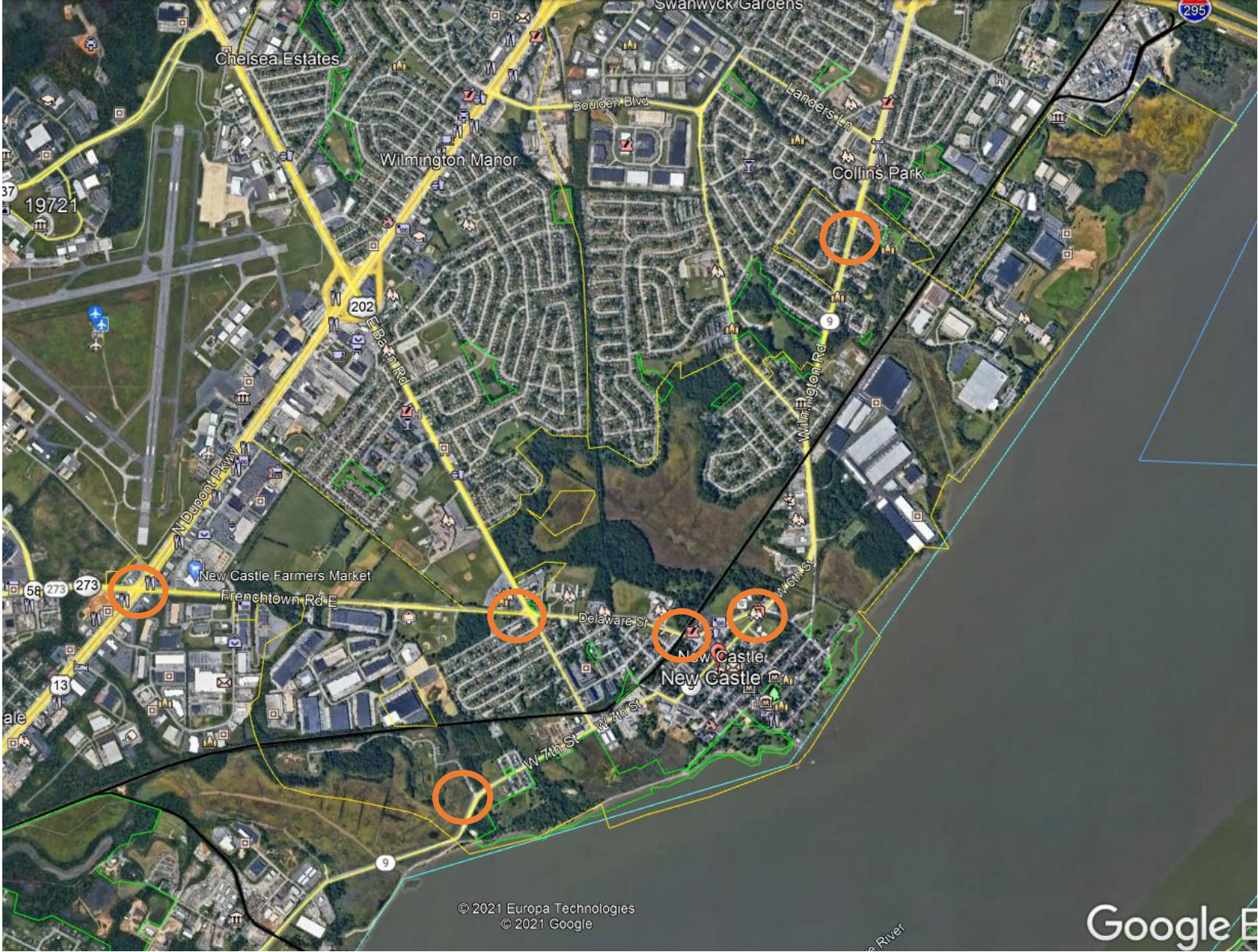
- A. Yes
- B. No
- C. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*



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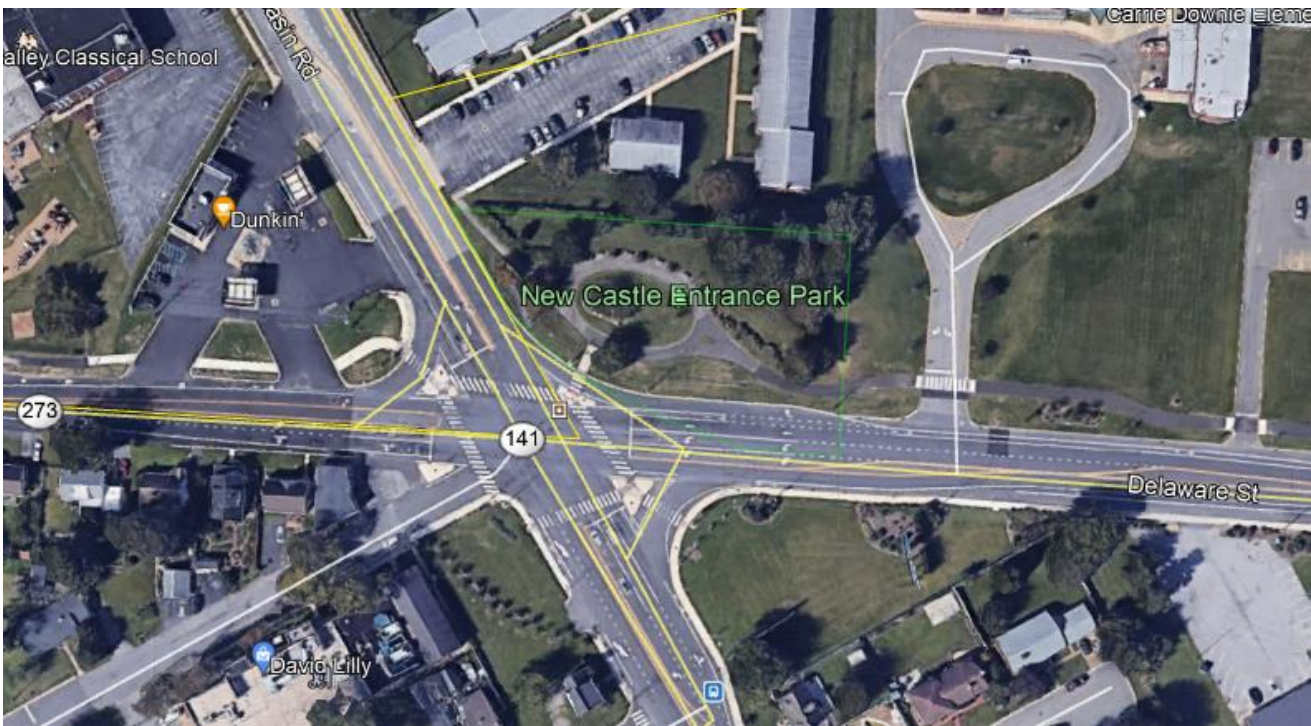
Gateway Locations



US 13/SR 273



SR 273/SR 141



Ferry Cut Off Street/Delaware Street



Ferry Cut Off Street/6th Street Chestnut Street



Wilmington Avenue/Buttonwood Avenue



W. 7th Street



Poll Question 15

Do You Support the Proposed Locations for Gateway and Other Aesthetic Enhancements?

A. Yes

B. No

C. Unsure

** You May Submit a Follow Up Question or Comment Using the Q&A Function*

	Traffic Congestion	Cut-Through Traffic	Truck Traffic	Traffic Calming	Bike/Ped	Parking	Flooding	Gateway
Speed Reductions	○	○	○	●	○			
US 13/SR 273	●	○	○					○
SR 273/SR 141	●	○		○	○			○
Ferry Cut Off St/DE St	●	●	○	○	○	○		○
Ferry Cut Off St/Chestnut St	●	●	●	●	○		○	○
W 7 th St/Washington Ave	○	●	●	○			○	

- Primary Purpose
- Secondary Purpose

	Traffic Congestion	Cut-Through Traffic	Truck Traffic	Traffic Calming	Bike/Ped	Parking	Flooding	Gateway
Basin/Delaware/Ferry Cut Off/Wilmington Multimodal				○	●			○
Washington Street Multimodal					●			
South Street				○	●			
Cherry Street				○	●	●		
Chestnut Street Lot	○			○	○	●		○
Dobbinsville Multi Use Path				○	●			

- Primary Purpose
- Secondary Purpose

Completed Existing Data Collection

Fall 2020

Visioning Workshop

February 10, 2021

Alternatives Development

Spring 2021

Public Workshop #2

Summer 2021

Refine Alternatives/Draft Report

Fall 2021

Public Workshop #3

Late Fall 2021

Final Report

Winter 2021

Next Steps

THANK YOU!

