

Newport Transportation Study – Monitoring Committee Meeting #3

March 7, 2023

Welcome



Agenda

- ✓ Introductions
- ✓ Goals
- ✓ DelDOT Project Updates
- ✓ Truck Traffic MacArthur Drive and Lindberg Avenue
- ✓ DTC Updates
- ✓ Train Station Updates
- ✓ New Castle County Updates
- ✓ Wilmington Bicycle Loop - Delaware Greenways
- ✓ Community Feedback/Discussion
- ✓ Next Steps

Goals

Newport Transportation Study

1. Improve Newport's multi-modal capacity. Newport is striving to become a more walkable, bikeable town
2. Assess re-opening the Newport Train Station to commuter rail service

Monitoring Committee

1. Review updates in and around Newport in comparison to the Newport Transportation Study
2. Update Newport Train Station objectives and cost estimates
3. Continue coordination with community through monitoring committee and public workshops

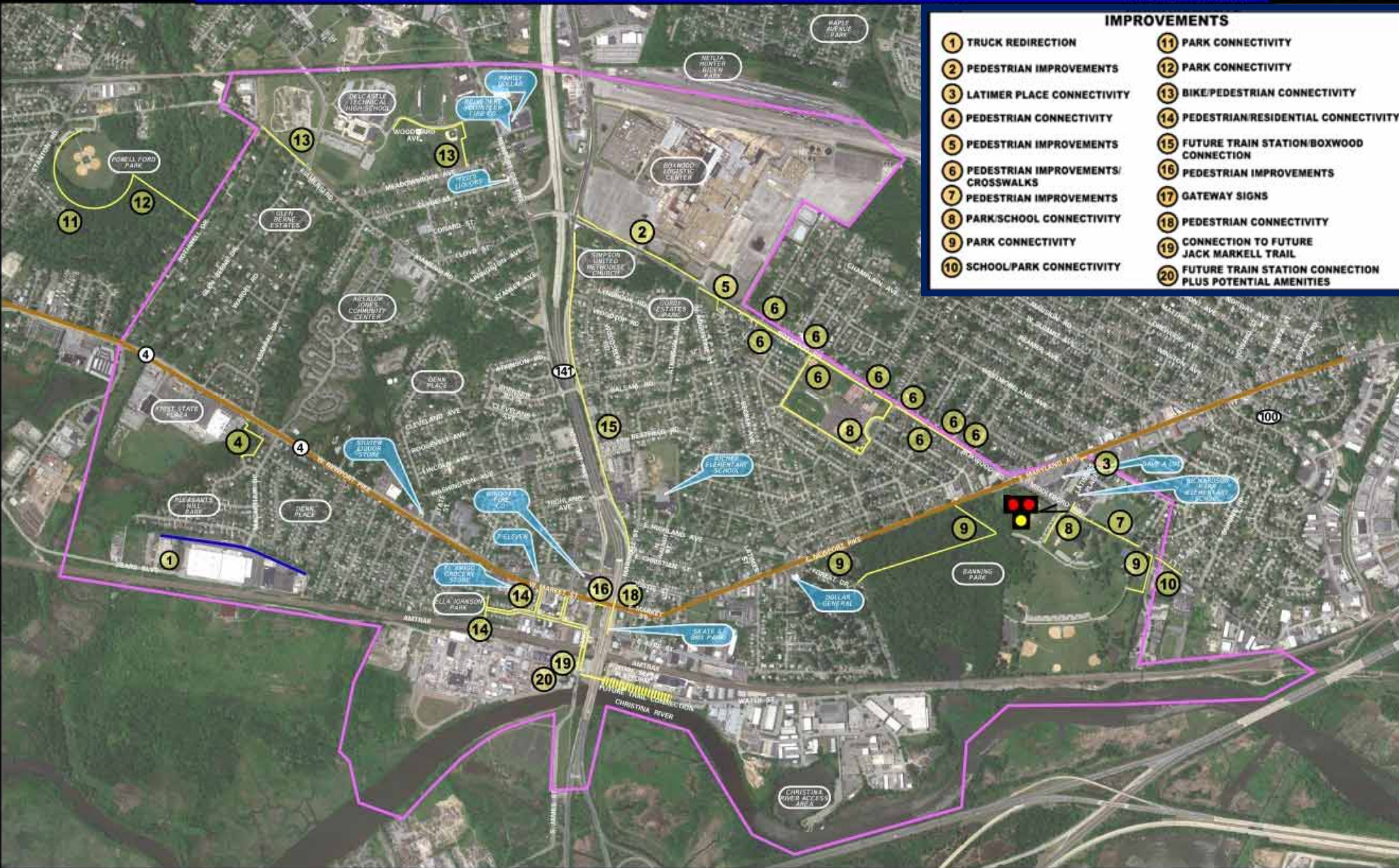
Monitoring Committee

- Land development activity
- Traffic growth
- Transit
- Pedestrian movements
- Safety
- Master plan project status and prioritization
- Major projects outside of study area

Monitoring Committee

Newport Advisory Committee	
Elected Officials:	
Name	District
Spiros Mantzavinos	Senate District 7
John Walsh	Senate District 9
John L Mitchell	House District 13
DeShanna Neal	House District 13
Kimberly Williams	House District 19
Stephanie boulden	House District 2
Franklin Cooke	House District 16
Melissa Minor-Brown	House District 17
Michelle Mac Donald	Mayor of Newport
Richard Piendak	Advanced Pavement Group
Dave Tiberi	Emergency Response Protocol
Tim Love	Sun Chemical
Patrick Oakes	APEX
J. Stevens	APEX

Newport Advisory Committee	
Elected Officials:	
Name	District
Brian Kirtley	Sun Chemical
Greg Buckley	Buckley's Auto Care
William Keller	Air Liquide
Sarang Gadre	Air Liquide
Vince Ruff	Community
Wendy King	Newport Town Manager
Chief Wohner	Newport Chief of Police
Previous Mayor	
Mike Spencer	Town Citizen
Cooper Bowers	DeIDOT
Peter Haag	DeIDOT
John Sisson	DTC
Tricia Arndt	DE Office of State Planning
Thomas Harvey	Harvey Hanna
Bill Lower	Harvey Hanna
Matt Rogers	New Castle County Land Use
Bob Chadwick	New Castle County Chamber of Commerce



IMPROVEMENTS

- | | |
|--------------------------------------|---|
| 1 TRUCK REDIRECTION | 11 PARK CONNECTIVITY |
| 2 PEDESTRIAN IMPROVEMENTS | 12 PARK CONNECTIVITY |
| 3 LATIMER PLACE CONNECTIVITY | 13 BIKE/PEDESTRIAN CONNECTIVITY |
| 4 PEDESTRIAN CONNECTIVITY | 14 PEDESTRIAN/RESIDENTIAL CONNECTIVITY |
| 5 PEDESTRIAN IMPROVEMENTS | 15 FUTURE TRAIN STATION/BOXWOOD CONNECTION |
| 6 PEDESTRIAN IMPROVEMENTS/CROSSWALKS | 16 PEDESTRIAN IMPROVEMENTS |
| 7 PEDESTRIAN IMPROVEMENTS | 17 GATEWAY SIGNS |
| 8 PARK/SCHOOL CONNECTIVITY | 18 PEDESTRIAN CONNECTIVITY |
| 9 PARK CONNECTIVITY | 19 CONNECTION TO FUTURE JACK MARKELL TRAIL |
| 10 SCHOOL/PARK CONNECTIVITY | 20 FUTURE TRAIN STATION CONNECTION PLUS POTENTIAL AMENITIES |

DelDOT Updates



Bridge 1- 159, James St Bridge over Christina River



*Raj Sinha, DeIDOT Area Engineer
(302.304.1110, rajiv.sinha@delaware.gov)
Chris Rubino, KCI Project Supervisor
(302.670.8329, christopher.rubino@kci.com)*

✓ 65% Complete



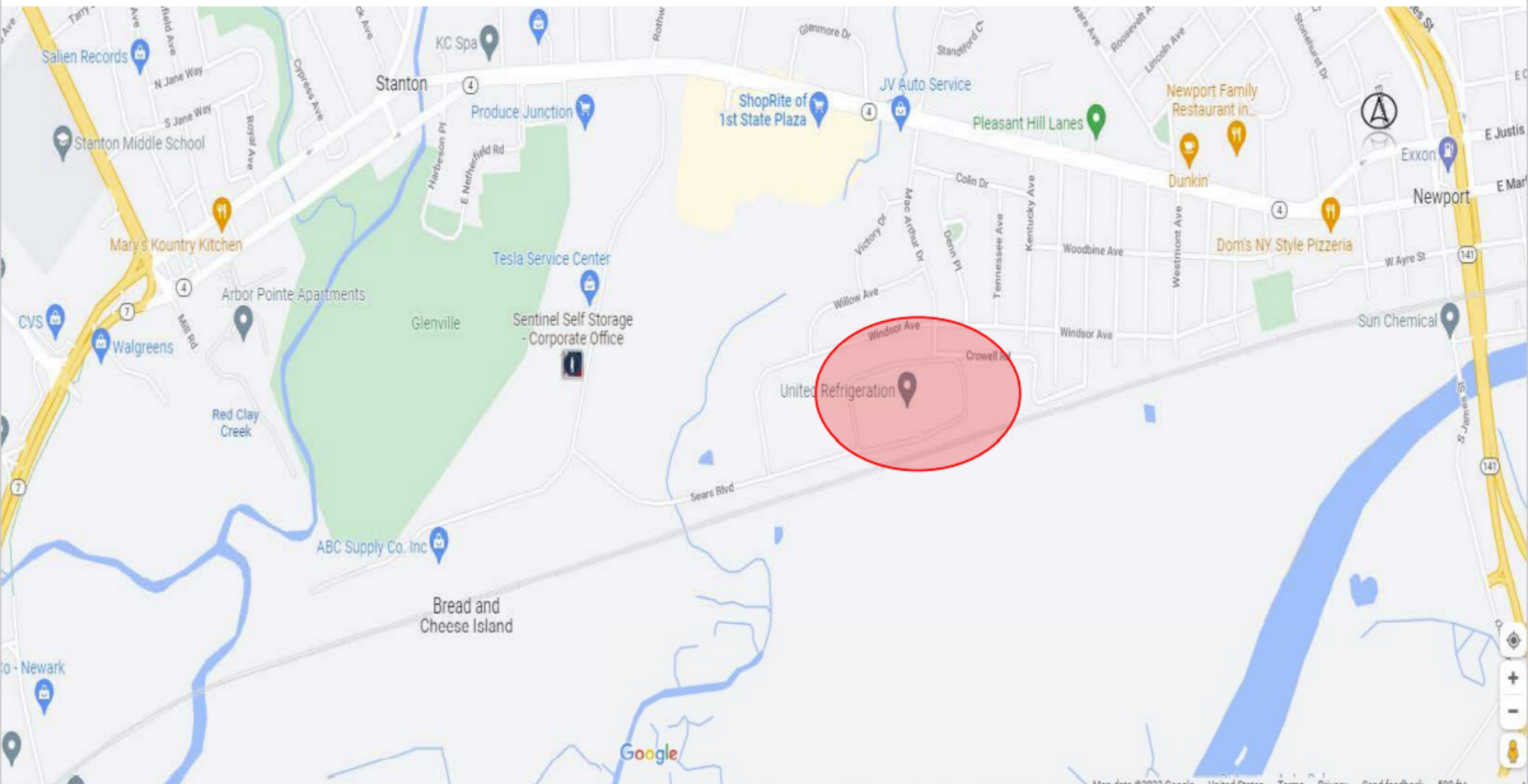
- ✓ Construction continues on south side of Christina River (substructure)
- ✓ Decking continues on north side



Sears Boulevard Extension



Project Location



Purpose and Need

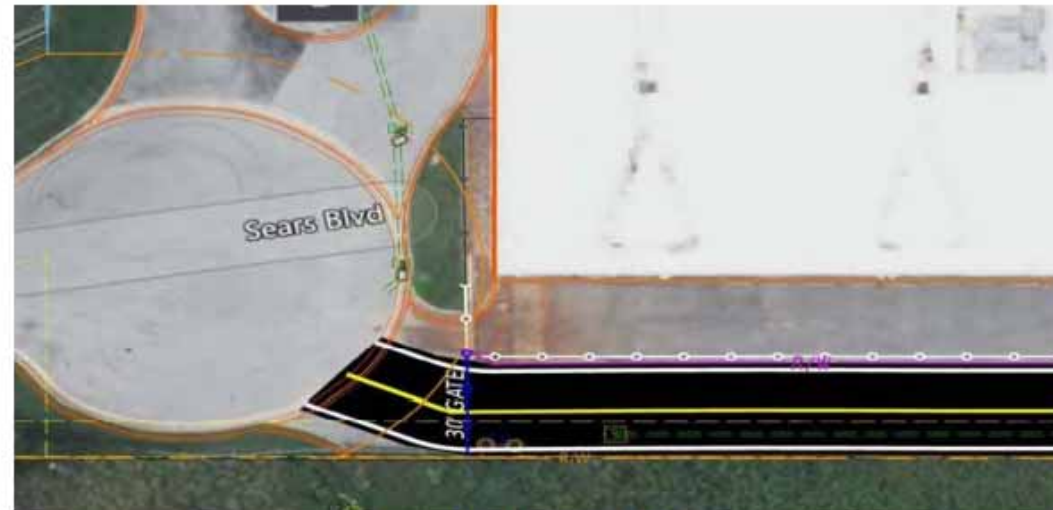
Existing Conditions – Access to United Refrigeration is from Sears Boulevard and access to Highline Warren (Crowell Associates LLC) is through Pleasant Hills Estates and Silview Communities

Purpose – Significantly reduce truck traffic traveling through the Pleasant Hills Estates and Silview Communities, who access Highline Warren by providing an alternative connection to Sears Boulevard





- Two 11' Travel lanes.
- 2' Shoulders on each side.
- Provides access from Highline Warren (Crowell Associates LLC) to Sears Boulevard only. No connection to Crowell Road.
- Additional space along turns to allow over runs by trucks.
- Proposed fence installed to separate new access road from existing property.
- Two access control gates are proposed at the current cul-de-sac and the new access point with Highline (Crowell Associates LLC).



Southwest end



Northeast end

Project Schedule

- Project initiation: Spring 2022 ✓
- Field Surveys: Spring – Summer 2022 ✓
- In-person Workshop – 10/19/2022 ✓
- Complete design: Spring 2023 ✓
- Right-of-Way Appraisals and Acquisition: Spring 2023 – Spring 2024
- Construction: Summer 2024



DeIDOT Projects Portal

Project: **Sears Boulevard Extension**



☰ PROJECT INFO

📺 STAY INFORMED

🚗 TRAFFIC & TRAVEL

For more information contact:

Jerry Lovell

Jerry.Lovell@delaware.gov

Old Capitol Trail, Newport Road to Stanton Road



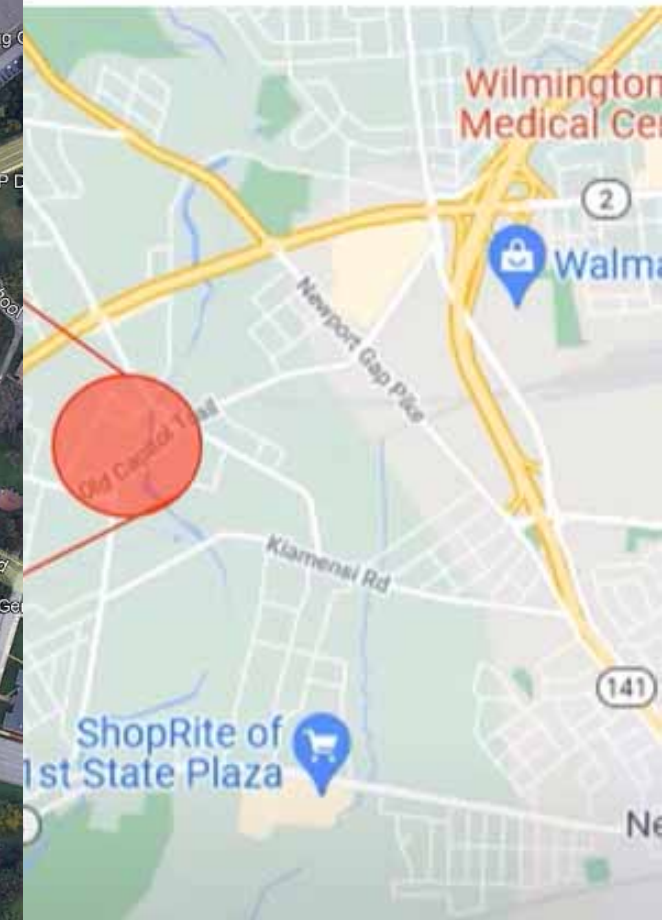
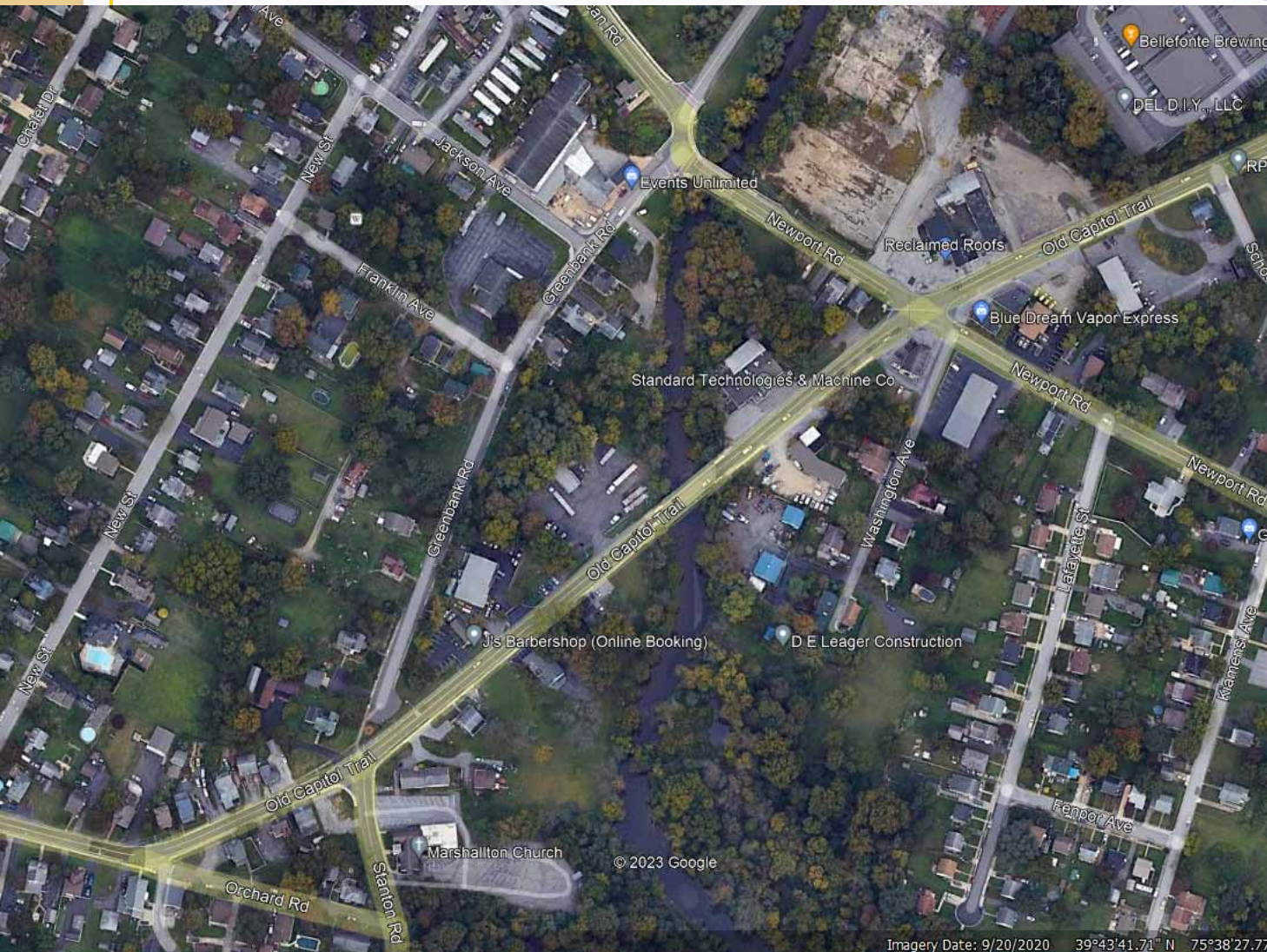
Project Description:

- Roundabouts at the Old Capitol Trail intersections with Newport Road and Stanton Road
- Includes accommodations for bicycles and pedestrians
- Bridge 1-168 Culvert Replacement
- Bridge 1-193 Deck Repairs
- Bridge 1-155 Scout Repairs

Project Justification:

- Result of the Marshallton Circulation Study WILMAPCO in 2014
- Address concerns with high volume cut through traffic
- Restore a more walkable connected community

Project Location





Newport Road and
Old Capital Trail

Stanton Road and
Old Capital Trail



DelDOT Marshallton Roundabout Project

Stanton Road



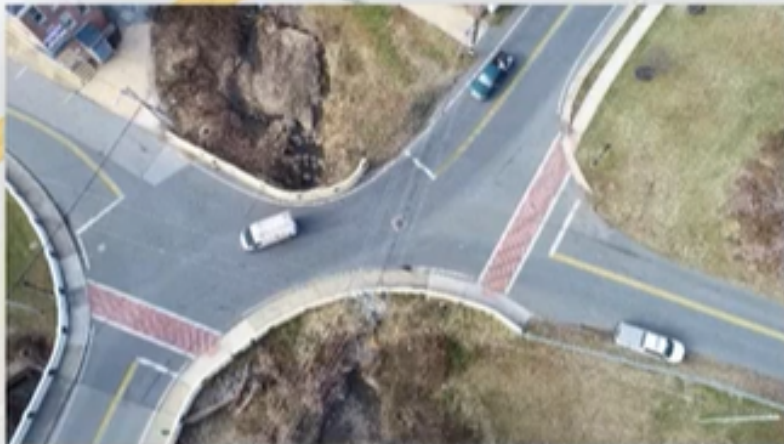
DelDOT Marshallton Roundabout Project

Newport Road



Bridge No. 1-168:

Greenbank Rd over Red Clay Creek
culvert replacement



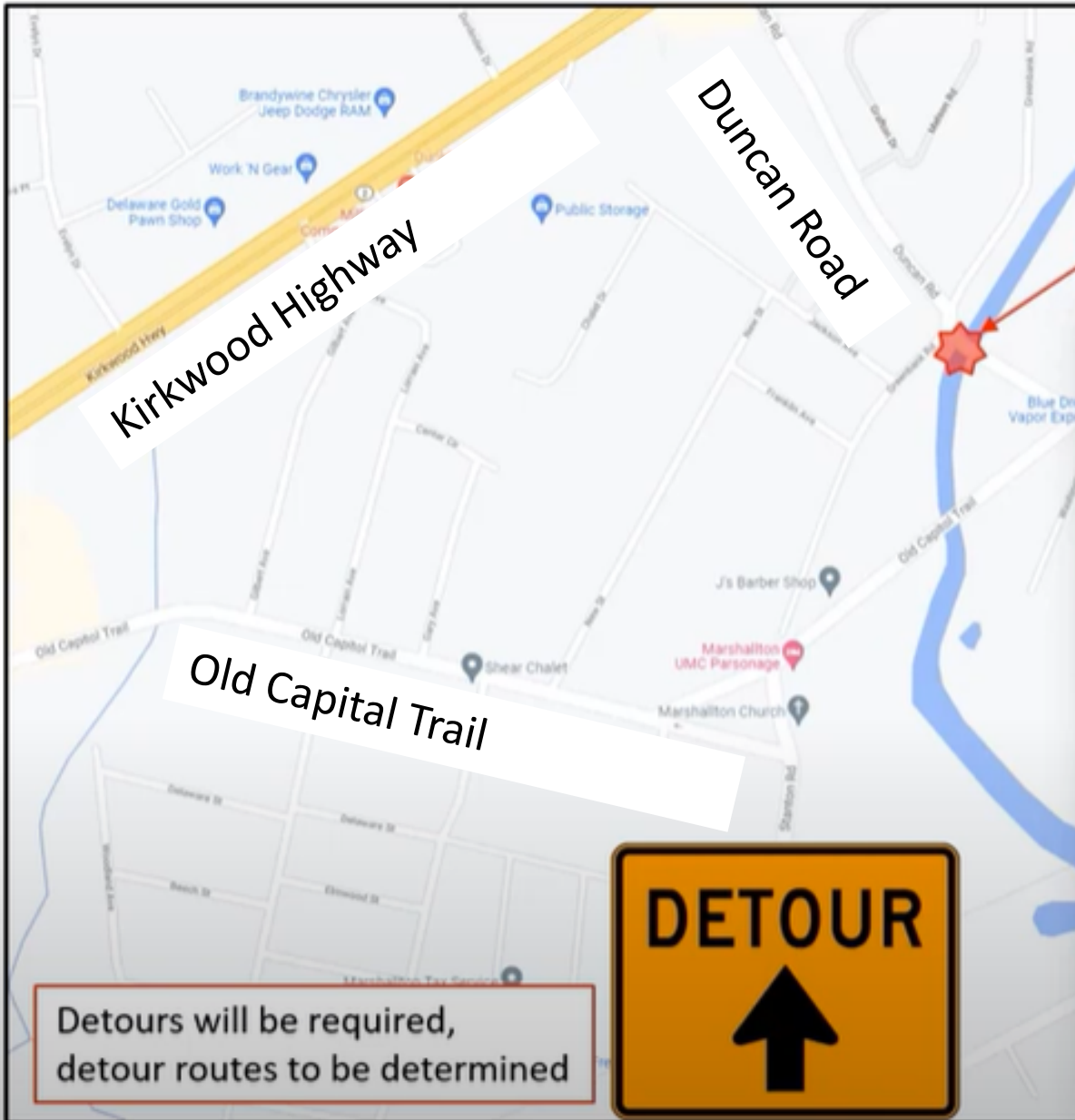
Old Capital Trail

Newport Road

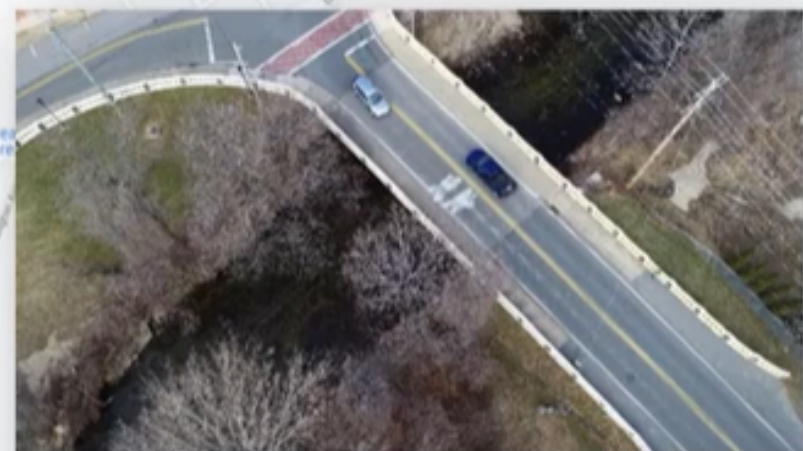
DETOUR



Detours will be required,
detour routes to be determined



Bridge No. 1-193:
Newport Road over Red Clay Creek
deck/substructure concrete repairs and
new thin epoxy overlay.



Bridge No. 1-155:

Old Capitol Trail over Red Clay Creek
scour remediation



Old Capitol Trail

Newport Road

Project Schedule

- Field Surveys – **Completed** Winter 2020/2021
- Concepts – **Completed** Fall 2021
- Live Public Workshop: April 19th, 4:00 PM to 7:00 PM
@ DelCastle Technical High School
 - **Submit all questions/comments before May 19, 2022**
- Begin Right-of-Way acquisition: Spring 2023
- Complete design: Spring 2024
- Begin Construction: Fall 2024
- Construction Completion: Fall 2026

Pave and Rehab, Concrete Patching



DelDOT Maintenance Concrete Patching

SR 4

- Pavement and minimal curb improvements
- Limestone Road to Glenside Avenue (concrete)
- Glenside Avenue to SR 141 (Mill and overlay)
- August to end of 2022



Mike Beulah

Pavement Management

Department of Transportation

Email: mike.beulah@delaware.gov



Pave and Rehab, SR 4 – W. Newport Pike, 2023



W. Newport Pike - Limestone Road through Center of Newport to split at Maryland Avenue



- Curb ramps at intersections
- Sidewalk gaps
- Pavement patching
- Guardrail improvements

DelDOT / Delmarva Power Street Lighting Analysis



Boxwood Road

- 34 new LED luminaires and retrofit of 18 existing fixtures to LED along Boxwood Rd between Centerville Rd and SR 4 (Maryland Ave)



Peter Haag, P.E., PTOE
Chief of Traffic Engineering
Delaware Department of Transportation
Peter.haag@delaware.gov

HEP NCC, SR4
at SR 62 /
Boxwood
Road /
Middleboro
Road



DelDOT Projects Portal

Project: HEP NCC, SR4 at SR62/Boxwood Road/Middleboro Road

Project Description

- Improve safety and traffic flow by adding protected turn lanes
- Maintain two lanes for through traffic

Project Justification

- High crash location with inefficient traffic flow
- Identified in 2008 HEP report

Public workshop – Planned for late spring/early summer 2023
Construction anticipated 2025

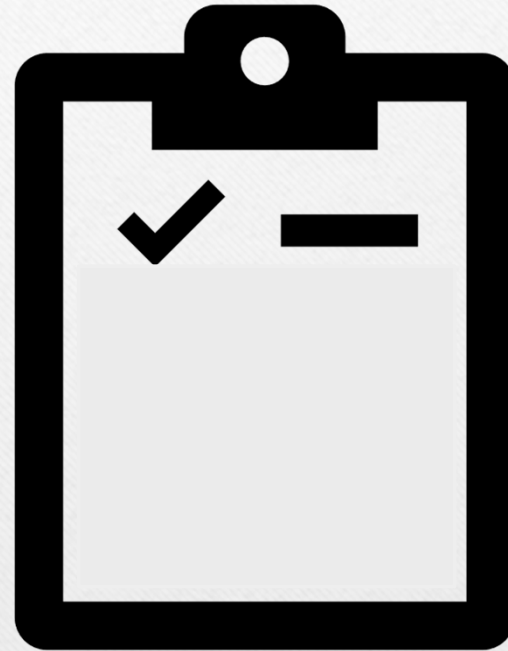
For more information contact:

Jerry Lovell

Jerry.Lovell@delaware.gov



Community news...





Kiamensi Civic

Your Community, Your News!

Stanton Road Crosswalk

August 19, 2022

Posted in [Community Update](#), [Uncategorized](#)

[Leave a comment](#)

DelDot has confirmed that the project design phase has been completed for the crosswalk being installed on Stanton Rd at the Diamond Street entrance.

Construction is expected to begin in late-August and will be completed by late-September to early-October. This enhancement will allow residents to cross the road more safely to Powell Ford Park.

Thanks again to everyone who showed their support for the crosswalk during the DelDot ballot process.

Powell Farm Park

- Entrance was repaved November 2022



New Castle County Comp Plan Update 2050





2022 Update to the NCC Comprehensive Plan and The Newport Area

- Adopted by County Council – July 26th
- Signed by the County Executive – August 4th
- Certified by Governor Carney



NCC2050.newcastlede.gov



DTC



DART: Service Updates

Fixed Route Bus Ridership 80% pre-pandemic levels

Newport Monitoring Committee area served by

Route 5: 20 minutes weekday; 30 minutes Saturday; 60 minutes Sunday

Route 9: 60 minutes weekday; 90 minutes Saturday; no service on Sunday

Total ridership within the area 303 boards and 337 offs per weekday

Route 9 jumped from ranking 10th to 2nd



DART: Service Updates

- (43) Stops within the Newport Monitoring Committee area
- (2) Stops meet the ridership standard for a shelter
 - Boxwood at Augustine – 75 boards
 - SR 4 @ Glenmore– 40 boards
- Amenities
 - (3) Stops with a shelter: SR 4 at Boxwood, SR 4 at Glenmore, and Boxwood at Augustine
 - (2) Stops with just benches: SR 4 at Marshall St, and SR 4 at Hershey Run



DART: Service Updates

- Route 5 – Small scheduling tweaks
- Route 9 – Revised weekday and Saturday schedules to better accommodate Amazon shifts
- Continue to monitor DeIDOT and developer projects for opportunities to improve bus stops



DART REIMAGINED

The logo for 'DART REIMAGINED' features the word 'DART' in a large, bold, white sans-serif font. A thick, curved arrow, colored green and blue, starts behind the 'D' and points to the right, passing behind the word 'REIMAGINED'. The word 'REIMAGINED' is in a smaller, bold, white sans-serif font. The entire logo is set against a solid orange background.

Project Overview



DART Reimagined

Year-long study focused on improving transportation services across the state and will examine:



How riders are currently using the system



Where they need access now



Where they want to go in the future

APPROACH:

- Ongoing input opportunities with customers, stakeholders, committees
- Assess the current system through comprehensive service and system performance review
- Identify recommendations for improvements and opportunities

GOAL:

- Deliver recommendations for an improved transit system and service plan for the State of Delaware



DART Reimagined

Current Project Status:

- Evaluating the current system through comprehensive service and system performance review
- Gathering and assembling background data for market analysis and service gaps
- Assembled an Executive Advisory Committee (EAC) in January and conducted 2 mtgs. to date
- In progress, assembling four Technical Advisory Committees (TAC) by geographical areas (Wilmington, New Castle, Kent & Sussex Counties) to start meeting in March 2023
- Extensive Community Outreach, Public Workshops and Engagement during the Summer 2023



Questions please contact:

Catherine Smith, Planning Manager

Cathy.Smith@delaware.gov

Jared Kauffman, Planner

Jared.Kauffman@delaware.gov



Newport River Trail Design



Newport River Trail Design

Newport River Trail Concept Design



Newport River Trail Design

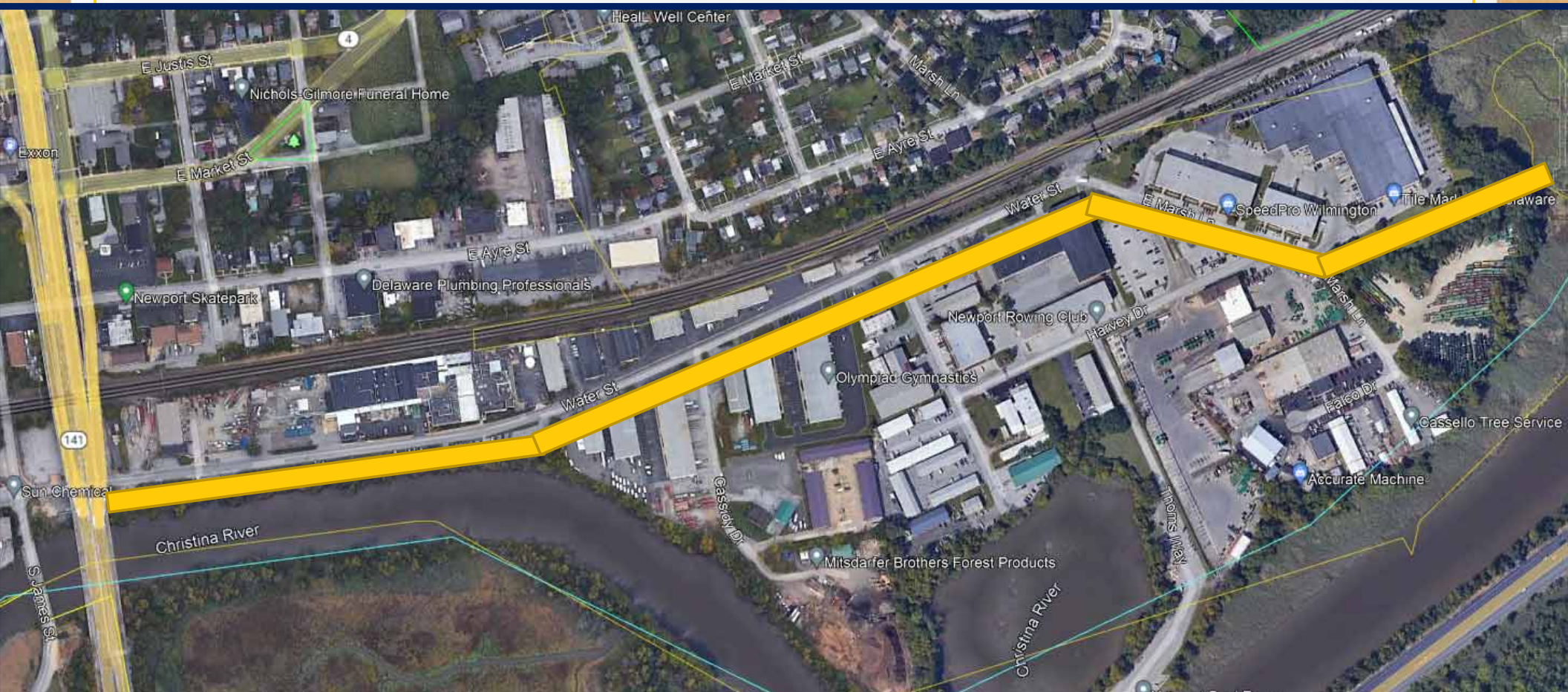


- Completed cultural resource and archaeology investigations
- Progressing soil borings
- 50% design submittal February
- Winter/spring stakeholder meeting

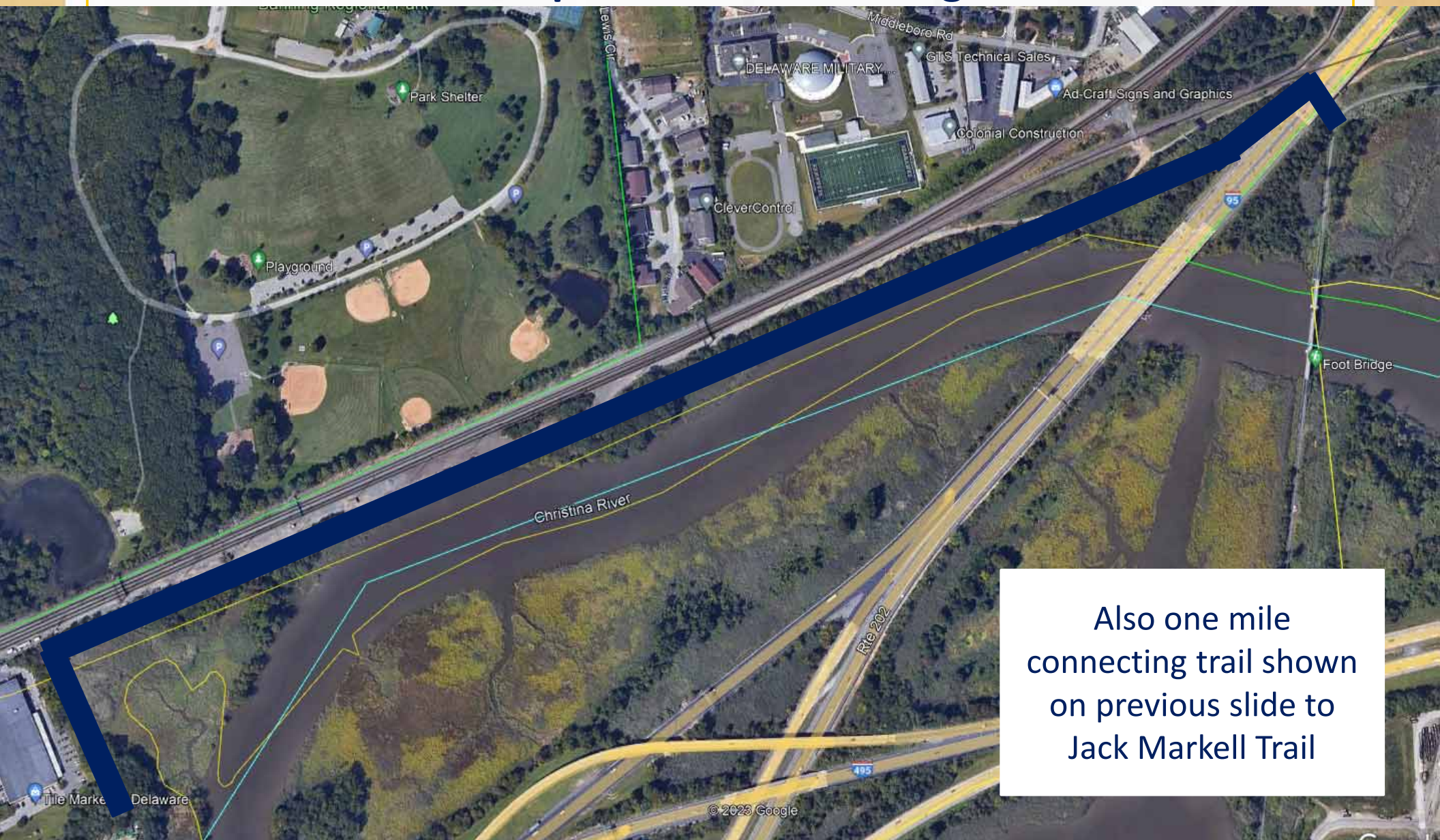
Newport River Trail Design

Yellow Alignment – one mile trail separated from traffic

- Potential for on-road facility for project phasing



Newport River Trail Design



Also one mile
connecting trail shown
on previous slide to
Jack Markell Trail

Regional Transportation Plan (RTP) 2050



The Regional Transportation Plan (RTP)



- Our principal plan
 - Strategic Policy: goals, objectives, actions
 - Major transportation projects: constrained and aspirational
- Updated every four years (since 1996)
- Update due March 9, 2023



Schedule – Key Tasks



- Review of Progress Report & Public Opinion Survey
- Develop draft goals, objectives, actions
- Agency/Civic/Municipal outreach
- Develop project lists
- Air quality conformity
- Public Outreach
- Document refinement
- Adoption

← **We Are Here**

June

January - March

March

RTP: STRATEGIC POLICY



GOAL: IMPROVE QUALITY OF LIFE

- Safer transportation
- Promote social equity
- Fund transportation choices
- Protect environment
- Support disaster *& national defense preparedness*

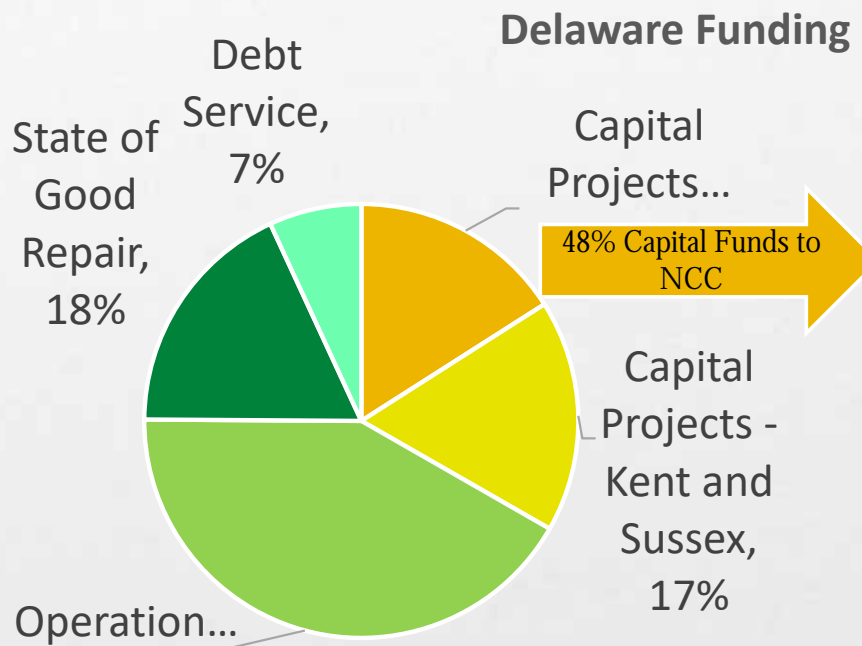
GOAL: SUPPORT SUSTAINABLE ECONOMIC DEVELOPMENT & GOODS MOVEMENT

- Use prioritization process
- Create/support local plans
- Manage traffic congestion
- Streamline freight
- ***Ensure public accessibility of unique data***
- Support a greener transportation system
(new PM: VMT target)

GOAL: EFFICIENTLY TRANSPORT PEOPLE

- Improve bus performance
- Plan for autonomous and connected vehicles
- Fund preservation first ***(new PM: preservation target spending)***
- Robust public participation

RTP: Financial Outlook



\$s x 1000 – Year of expenditure

New Castle Co Funding Est.	Available Funds (2019)	Available Funds (2023)
	ST: 2019-2024 MT: 2025-2035 LT: 2036-2050	ST: 2023-2028 MT: 2029-2039 LT: 2040-2050
Short term	\$1.0 billion	\$1.4 billion
Medium term	\$1.6 billion	\$1.6 billion
Long term	\$1.2 billion	\$1.7 billion

RTP: Financial Outlook



(\$ in 000s)		2023 - 2028	2029-2039	2040 - 2050	TOTAL
Funding	State Funds	3,780,966	7,728,677	8,869,294	20,378,937
	Cash / Carry-over	734,955	452,706	520,000	1,707,661
	Federal Funds	1,845,000	2,420,000	2,420,000	6,685,000
	Bond Proceeds	275,000	300,000	225,000	800,000
	TOTAL	6,635,921	10,901,383	12,034,294	29,571,598
Expenses	GARVEE Payback	109,951	145,732	-	255,683
	Debt Service	500,157	692,449	585,991	1,778,598
	Operations	1,924,003	4,516,868	5,926,522	12,367,394
	State of Good Repair	1,243,433	2,175,402	1,909,673	5,328,508
	TOTAL	3,777,545	7,530,451	8,422,187	19,730,183
Available for Capital Projects (DE)		2,858,376	3,370,932	3,612,107	9,841,415
New Castle County - 48%		1,372,021	1,618,047	1,733,811	4,723,879

NOTE: Over \$6 billion in total projects in Draft RTP project list!

RTP: Projects



- Constrained Project List – uses available funding
- Grants Project List – supplemental grant funding anticipated
- Aspirations Project List – funding not yet identified
- Year of expenditure assumes 5% inflation rate in short term and 3% in medium/long term
- New projects identified through WILMAPCO Plans and in consultation with DeIDOT and MDOT

Thank You!

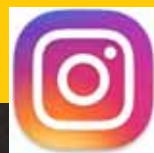


WWW.WILMAPCO.ORG/RTP

Phone: 302-737-6205

Email: wilmapco@wilmapco.org

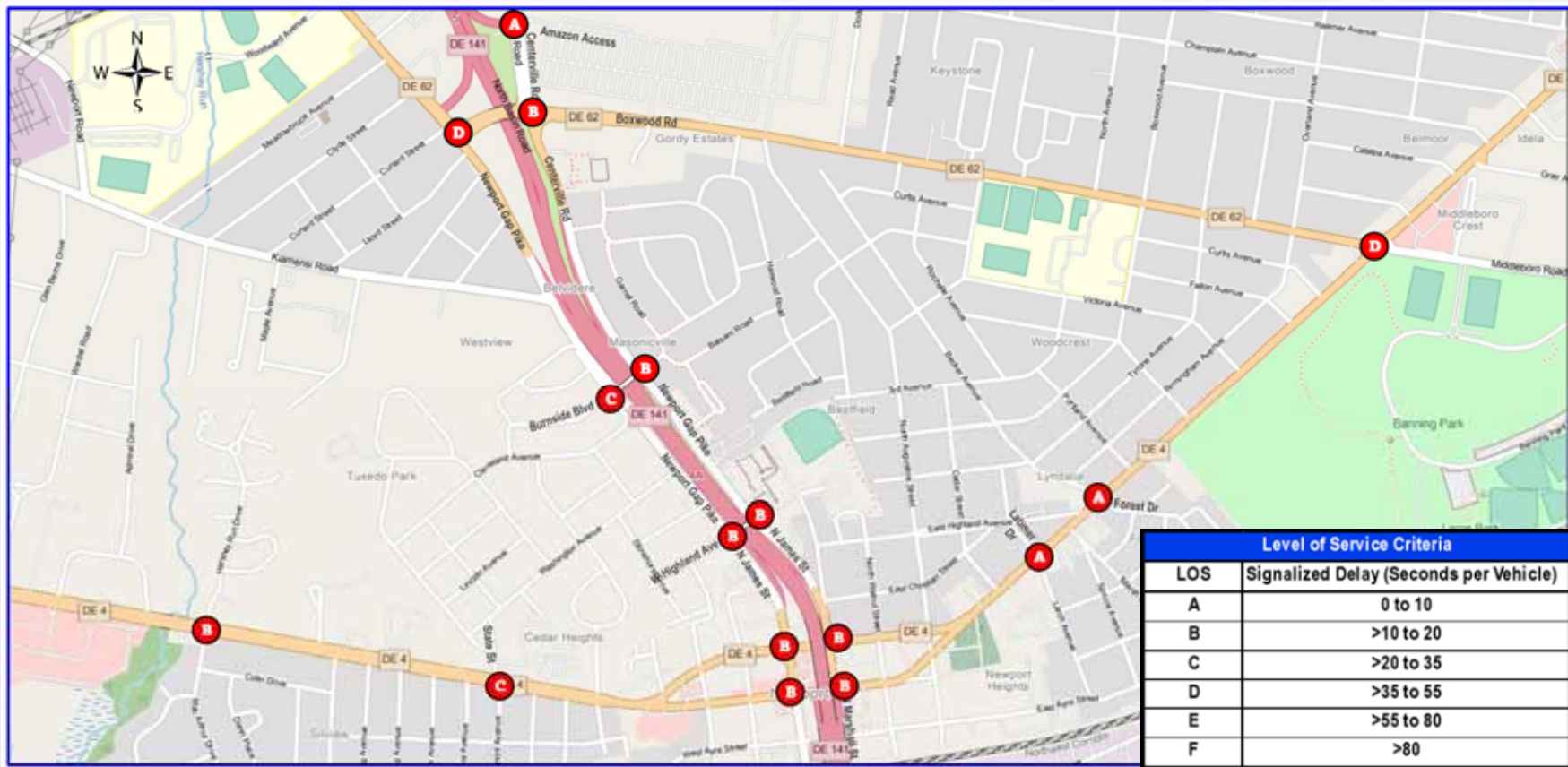
#2050RTP @WILMAPCO



Community Discussion

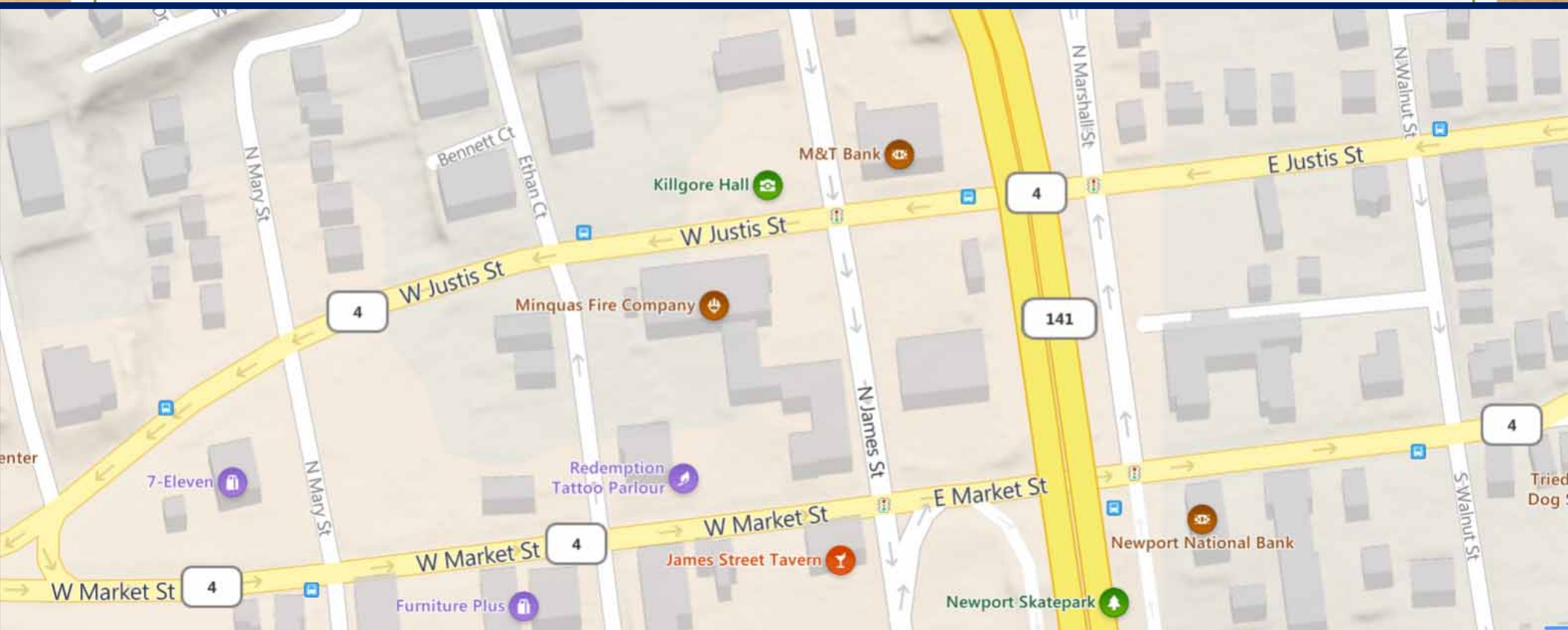


Traffic Congestion – PM Peak Hour



Community Feedback/Discussion

- Don't Block The Box



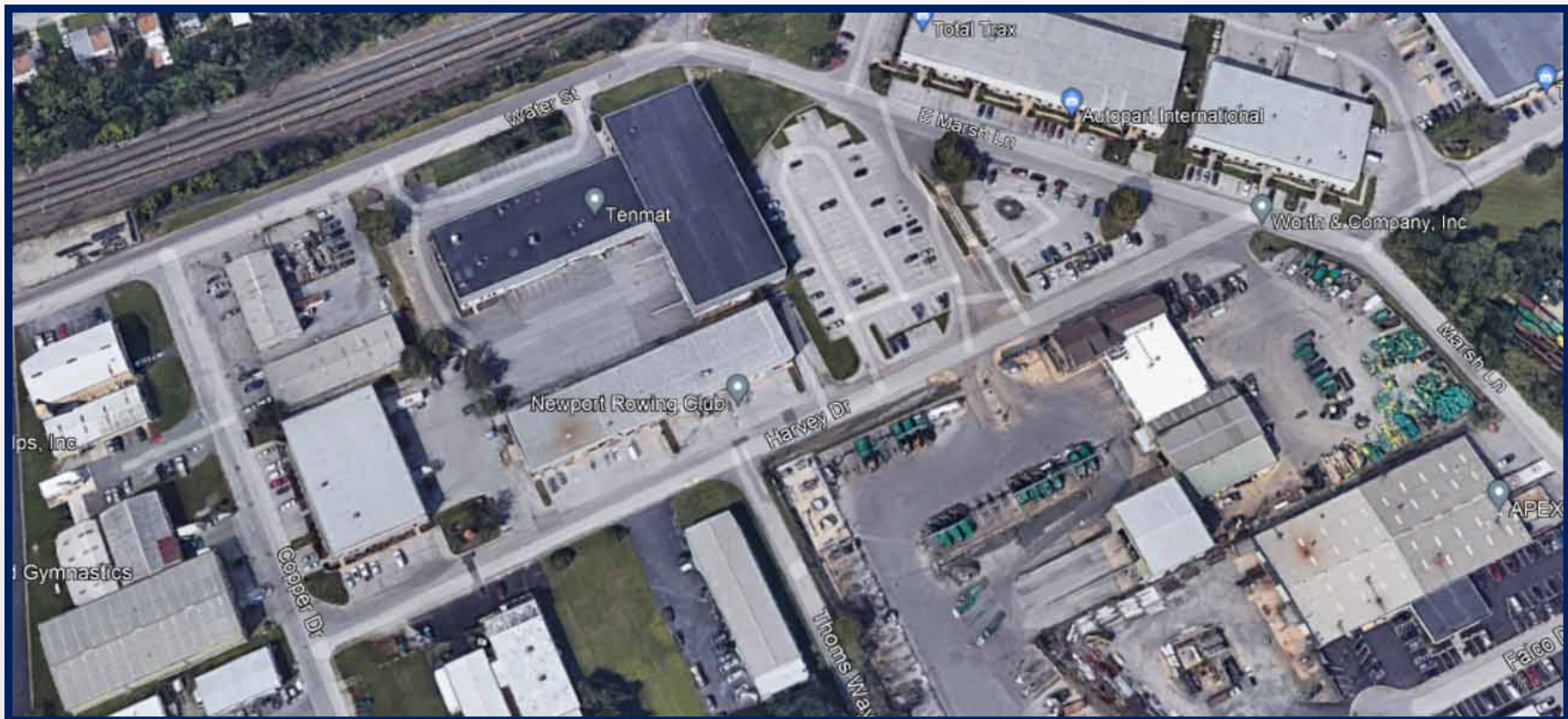
Community Feedback/Discussion

- Ayre Street between James St and Walnut St
- Disrepair



Community Feedback/Discussion

- Striping Water Street and Marsh Lane





Community Feedback/Discussion

- New Discussions
-

Next Steps

- Newport Train Station update April 2023
- Tentative public workshop spring 2023

THANK YOU