Project Team

**PMC**
- WILMAPCO
- DelDOT
- DTC
- Town of Newport

**AC**
- Elected Officials
- DNREC
- Delaware Office of State Planning Coordination
- New Castle County Land Use
- New Castle County Chamber of Commerce
- Harvey, Hanna & Associates
- Businesses
- Land Owners
- Civic Entities
- Bike Delaware

**Century**
- Local Engineering Consulting Firm
- 30+ Years of Delaware Experience
- Industry Leader in Transportation Planning
- Newark Office – 4 Miles from Project

**Public**
Newport Transportation Study Area

- Boxwood Logistic Center
- Banning Park
- Downtown
Newport Transportation Study Purpose

- Analyze Growth and Development
- Improve Multi-Modal Capacity
- Pedestrian/Bicycle Connections
- Impact of Freight
- Assess Re-opening Newport Train Station
- Bus Transit
- Parking

1,055 Population (2010 Census)

- 2,200 New Jobs Expected

- 400,000 SF Mixed-Use Development
- Residential, Dining and Retail

New Growth & Development

- 400,000 SF Mixed-Use Development
- Residential, Dining and Retail
Project Work Plan

- Identify Issues, Opportunities, and Constraints
- Community Visioning
- Develop Proposed Alternatives (Includes Existing/Future Analysis)
- Assess Feasibility
- Select Alternatives Moving Forward/Final Report
- Public Outreach (Continuous Throughout)
- ONE YEAR to Completion

We are here
Newport: A Unique Town
Data Gathering

- Development/Smart Growth
- Walking/Biking Infrastructure
- Multimodal Connections Between Newport and Surrounding New Castle County Areas
- Freight/Development Impacts
- SEPTA Train Station
- Parking
Data Gathering – Reported Incidents
Data Gathering – Level of Service (LOS)

What is Level of Service (LOS)?

LOS measures how well traffic moves along a roadway or through a signalized intersection for all movements. LOS is based on vehicle delay and speed, which reflects the relative ease of traffic flow on a scale from A to F. Level D is the design standard minimum acceptable LOS for peak hour traffic volumes in the Design Year.

<table>
<thead>
<tr>
<th>Level</th>
<th>Traffic Condition</th>
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<tbody>
<tr>
<td>A</td>
<td>Free Flow Condition</td>
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<tr>
<td>B</td>
<td>Reasonably Free Flow</td>
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<tr>
<td>C</td>
<td>Stable Flow</td>
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<tr>
<td>D</td>
<td>Approaching Unstable Flow</td>
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<tr>
<td>E</td>
<td>Restricted Flow</td>
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<tr>
<td>F</td>
<td>Highly Congested</td>
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</tbody>
</table>
Data Gathering – LOS AM
Data Gathering – LOS PM
Stakeholder Discussions

We Want to Hear From You
Newport Transportation Study Area
Development & Smart Growth

- Connection to Future Planned Development
  - Regional Logistics Center - Boxwood
  - 400,000 SF Downtown Development
  - SR141 Park & Ride & Parking Lot
- Connections to Underdeveloped/Underserved Areas
  - North Portion of Study Area
  - Banning Park
- Support for Ancillary Ecotourism Opportunities
  - Kayak rentals
  - Birdwatching tours
  - Cycle rentals
- Support Downtown Redevelopment
Multi-Modal Infrastructure

- Bicycle Infrastructure – Bike Lanes, Cycle Tracks, Proper Signage
- Pedestrian Infrastructure – Intersections, Sidewalks, Trails/Walking Paths
- Define Critical Intersections and Mid-block Crossings
- Connections: NCC Trail Network, Train Station, Employment Centers, Retail, Restaurants, Residential
- Newport is 10 Minute Bike Ride to Wilmington Riverfront
- Grade Separated Pedestrian Connections at Train Station
Pedestrian & Bicycle Infrastructure

NEWPORT TRANSPORTATION STUDY

[Map with landmarks and streets labeled]
Pedestrian & Bicycle Infrastructure

NEWPORT TRANSPORTATION STUDY

BICYCLE LEVEL OF STRESS

LEGEND

- PROJECT STUDY AREA
- NEWPORT TOWN LIMITS
- WASHINGTON ROCHAMBEAU NATIONAL HISTORIC TRAIL
- LTS1 - MOST CHILDREN CAN FEEL SAFE RIDING ON THESE STREETS.
- LTS2 - THE MAINSTREAM “INTERESTED BUT CONCERNED” ADULT POPULATION WILL FEEL SAFE RIDING ON THESE STREETS.
- LTS3 - STREETS THAT ARE ACCEPTABLE TO “ENTHUSED AND CONFIDENT” RIDERS WHO STILL PREFER HAVING THEIR OWN DEDICATED SPACE.
- LTS4 - HIGH-STRESS STREETS WITH HIGH SPEED LIMITS, MULTIPLE TRAVEL LANES, LIMITED OR NON-DISTANT BIKEWAYS, AND LONG INTERSECTION CROSSING DISTANCES.
SEPTA Train Station

- Update 2013 Station Feasibility Study
- Develop Required Improvements
- Identify Service Needs for Boxwood Logistics Center
- Update Ridership Volumes
- Prepare Alternatives in Coordination with DTC
Freight

- Evaluate Existing Truck Prohibitions
- Evaluate Established Truck Routes
- Determine Local Service Truck Traffic Generators
- Determine Future Truck Capacity and Geometric Needs
- Holistic Approach Serving Entire Study Area
Parking

- Train Station Parking (250 Riders 2013)
- Public Parking for Town Growth/Development
- Park and Ride Lot