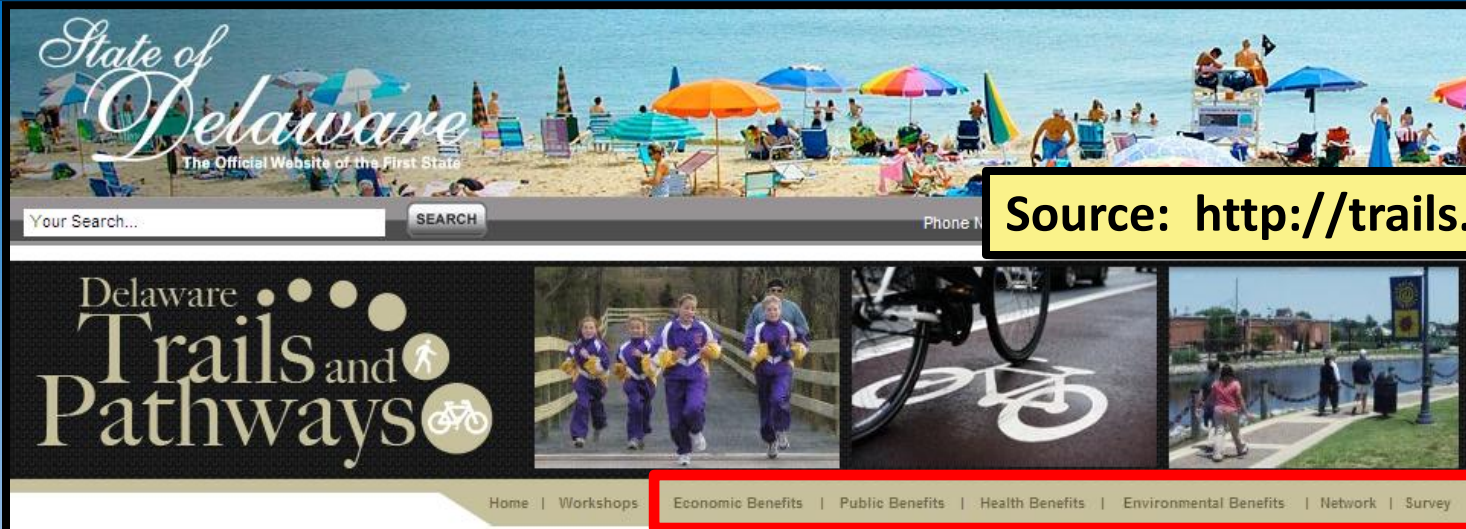


Delaware Trails and Pathways



**WILMAPCO TIP Amendment
Air Quality Subcommittee (AQS)
June 14, 2012**

Source: <http://trails.delaware.gov>

Information

A Bold Challenge:

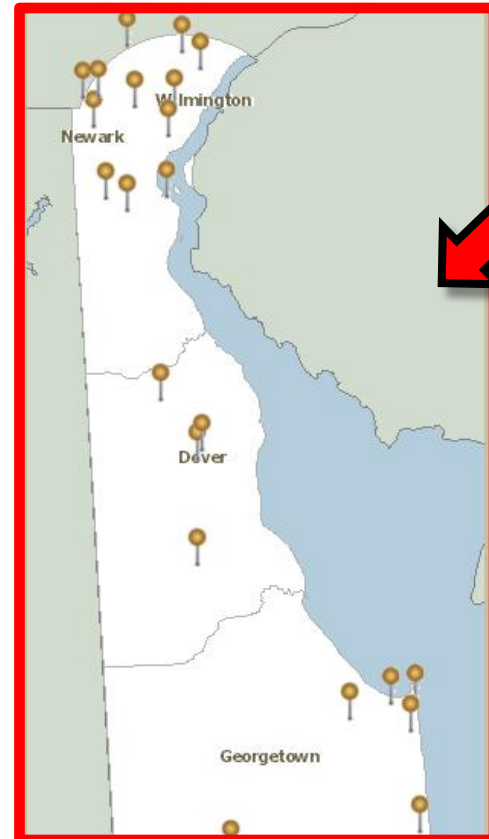
Create a world-class statewide network of pathways and trails for Delaware's citizens and visitors, to promote biking, hiking, walking and active living.

Delaware **Governor Markell** has challenged a team of state agencies to create an interconnected network of shared-use trails and pathways that will support non-motorized travel and recreation opportunities for Delawareans and visitors.

The focus is on bicycling and walking and providing safe and convenient ways to reach local work, shops, schools, recreational sites and transit.

Initiative Goals:

- With the new First State Trails and Pathways Initiative, we seek to establish Delaware as one of the top ten Bicycle Friendly States. The League of American Bicyclists ranks states, communities, universities and businesses annually based on their level of bike-friendliness. In 2011, Delaware was ranked 18th nationally.
- The Initiative will support the creation of jobs resulting in investments for bicycling and walking. It will also support construction and trail maintenance jobs. Investing in trails and pathways will create tourism opportunities, support tourism-related jobs, and support recreationally-related goods and services.



Interactive Map

Home

- About Us
- Contact Us
- DNREC Newsroom
- Employment
- Mission Statement
- Site Map

Information

- 1st State in Trails
- Assawoman Canal Trail Concept Plan
- Auburn Valley Master Plan
- Delaware Outdoor Recreation Resources
- Fort Dupont Redevelopment
- Gordons Pond Trail Plan
- Index of Park Information
- Park Alerts and Announcements
- SCORP Technical Advisory Committee
- Thompson Island
- Trail Improvements - Proposed
- White Clay Creek Trail Plan

Services

- Contracts
- FOIA Request -
- Division of Parks and Recreation
- Grants

Division of Parks and Recreation

Division of Parks and Recreation

First State in Trails











The State of Delaware recognizes the benefits of an integrated non-motorized pathway and recreational trail network to provide opportunities for pedestrians and bicyclists to travel safely and efficiently and to expand outdoor recreation opportunities. It also recognizes the benefits of an interconnected trail and pathway network in improving the economic and environmental sustainability of communities, thereby improving the quality of life for all citizens.

 [Proposed First State Trails and Pathways Plan \(Draft\)](#)

Draft for public review and comment as announced at the Delaware Bike Summit on October 14, 2011



First State Trail Plan

View and Download Maps



-  [Northern Delaware Greenway Trail](#)
-  [Newark to Wilmington Pathway](#)
-  [White Clay Creek State Park](#)
-  [Auburn Heights](#)
-  [New Castle Industrial Track Trail - East Coast Greenway Trail](#)
-  [Lums Pond State Park](#)
-  [Chesapeake & Delaware Canal Trail](#)
-  [Dover to Clayton Rail Pathway](#)
-  [Capital Bikeway - St. Jones River Trail](#)
-  [Killens Pond State Park](#)
-  [Georgetown-Lewes-Cape Henlopen State Park Trail](#)
-  [Junction & Breakwater Trail - Gordons Pond Trail \(Cape Henlopen State Park\)](#)
-  [Assawoman Canal Trail - Fred Hudson Road](#)
-  [Trap Pond State Park](#)

Individual Trail Maps



New Castle County - Shared-Use Pathways and Recreational Trails: Short Term Projects

-  [JPG](#) (222K)
-  [PDF](#) (3.5Mb)

Kent County - Shared-Use Pathways and Recreational Trails: Short Term Projects

-  [JPG](#) (273K)
-  [PDF](#) (3.7Mb)

Sussex County - Shared-Use Pathways and Recreational Trails: Short Term Projects

-  [JPG](#) (428K)
-  [PDF](#) (5 Mb)

Countywide Trail Maps

[Submit comments](#) for the proposed First State Trails and Pathways Plan initiative

Source: <http://www.dnrec.delaware.gov/parks/Information/Pages/1st-State-Trails.aspx>

DelDOT Rails-to-Trails / Rails-with-Trails Master Plan:

http://www.deldot.gov/information/projects/rails_to_trails/pages/master_plan_toc.shtml

Delaware Bicycle Facility Master Plan:

http://www.deldot.gov/information/projects/bike_and_ped/bike_facilities/

Delaware Pedestrian Action Plan:

http://www.deldot.gov/information/projects/bike_and_ped/delaware_ped/

C & D Canal, Branch Canal Section**Legend****Existing Trails & Pathways**

- Shared Use Trail
- Improvement Proposed
- Other Trails

Proposed Trails & Pathways

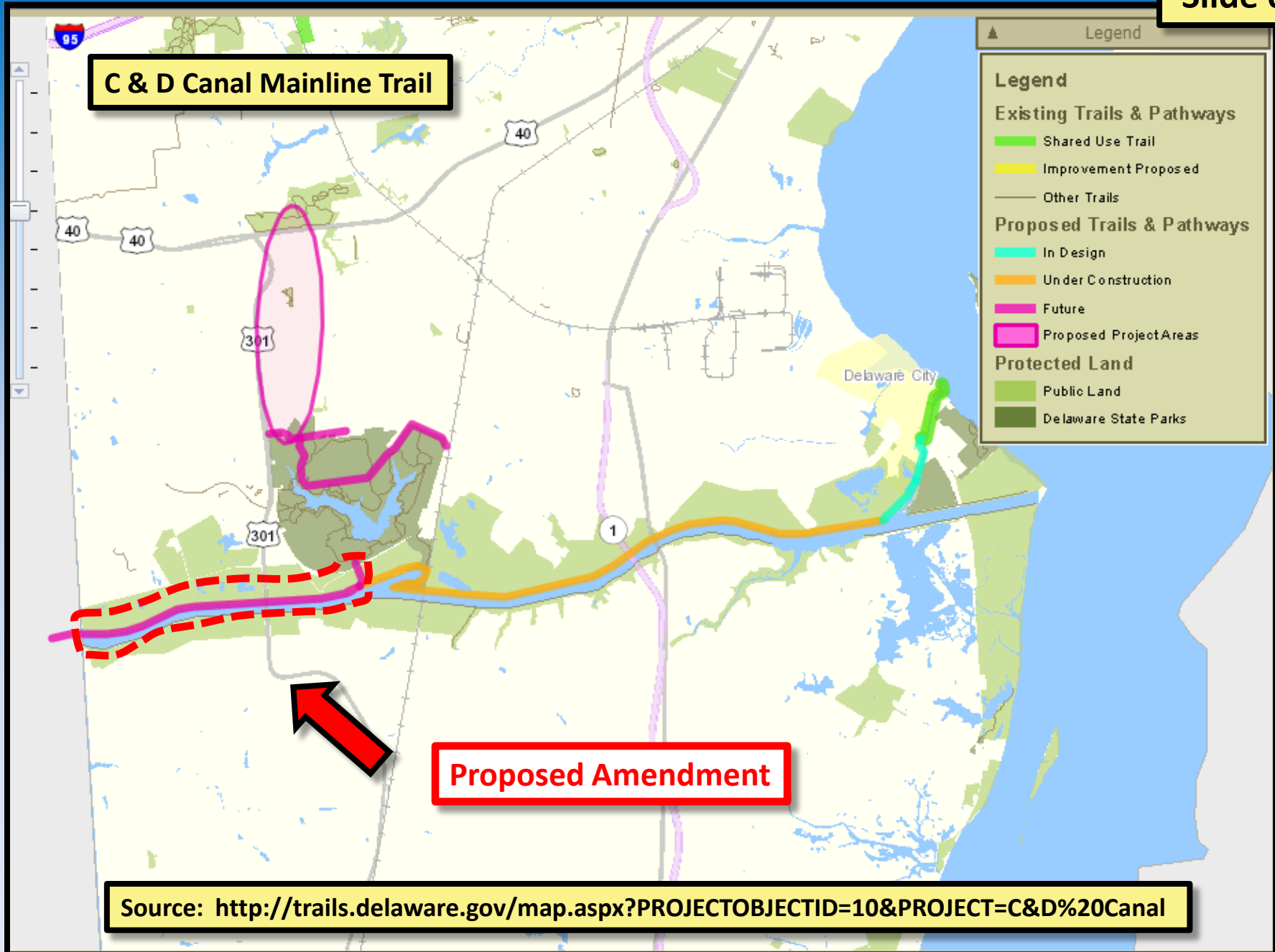
- In Design
- Under Construction
- Future
- Proposed Project Areas

Protected Land

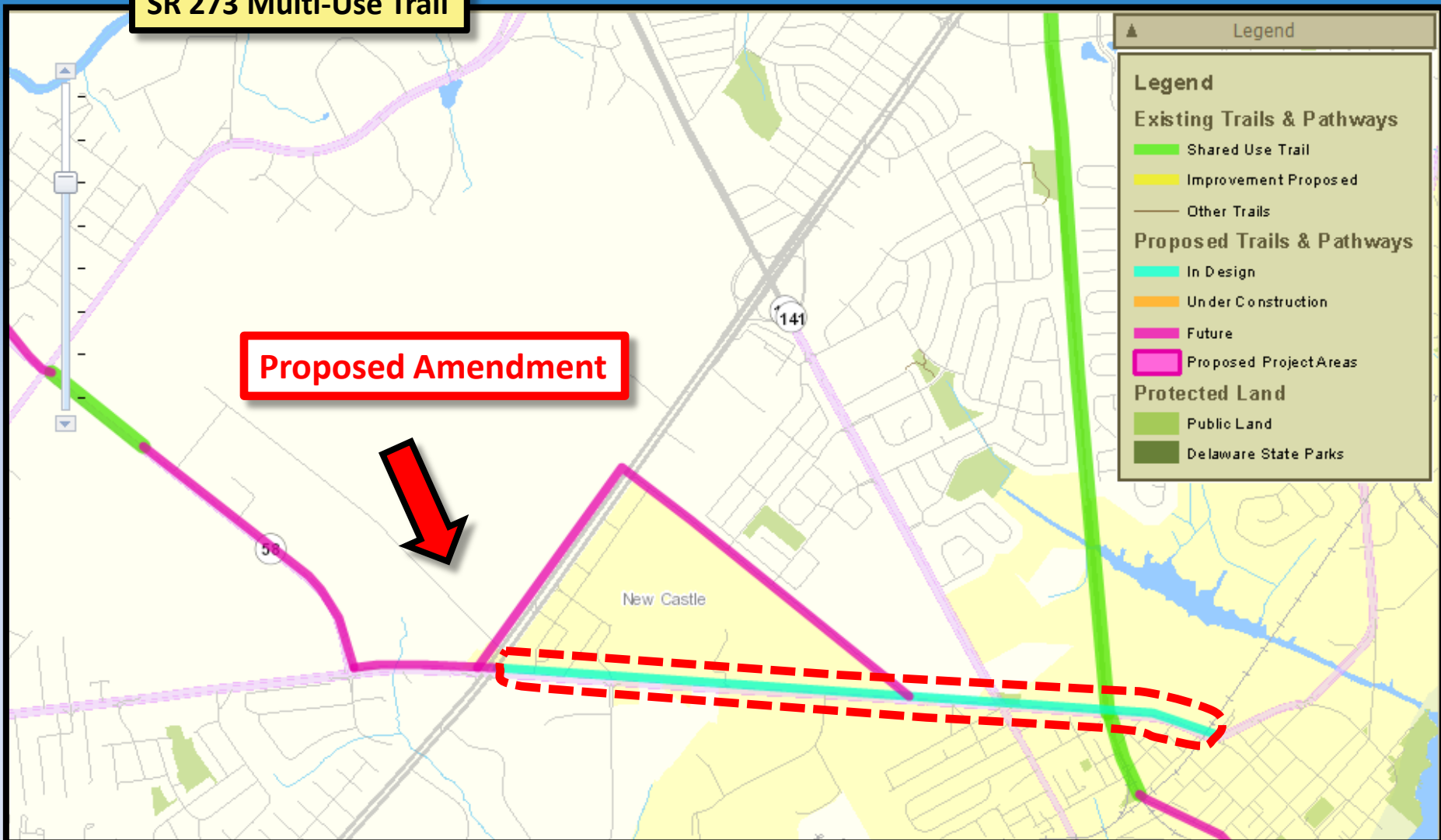
- Public Land
- Delaware State Parks

Proposed Amendment

Source: <http://trails.delaware.gov/map.aspx?PROJECTOBJECTID=11&PROJECT=Branch%20Canal%20to%20Delaware%20City>

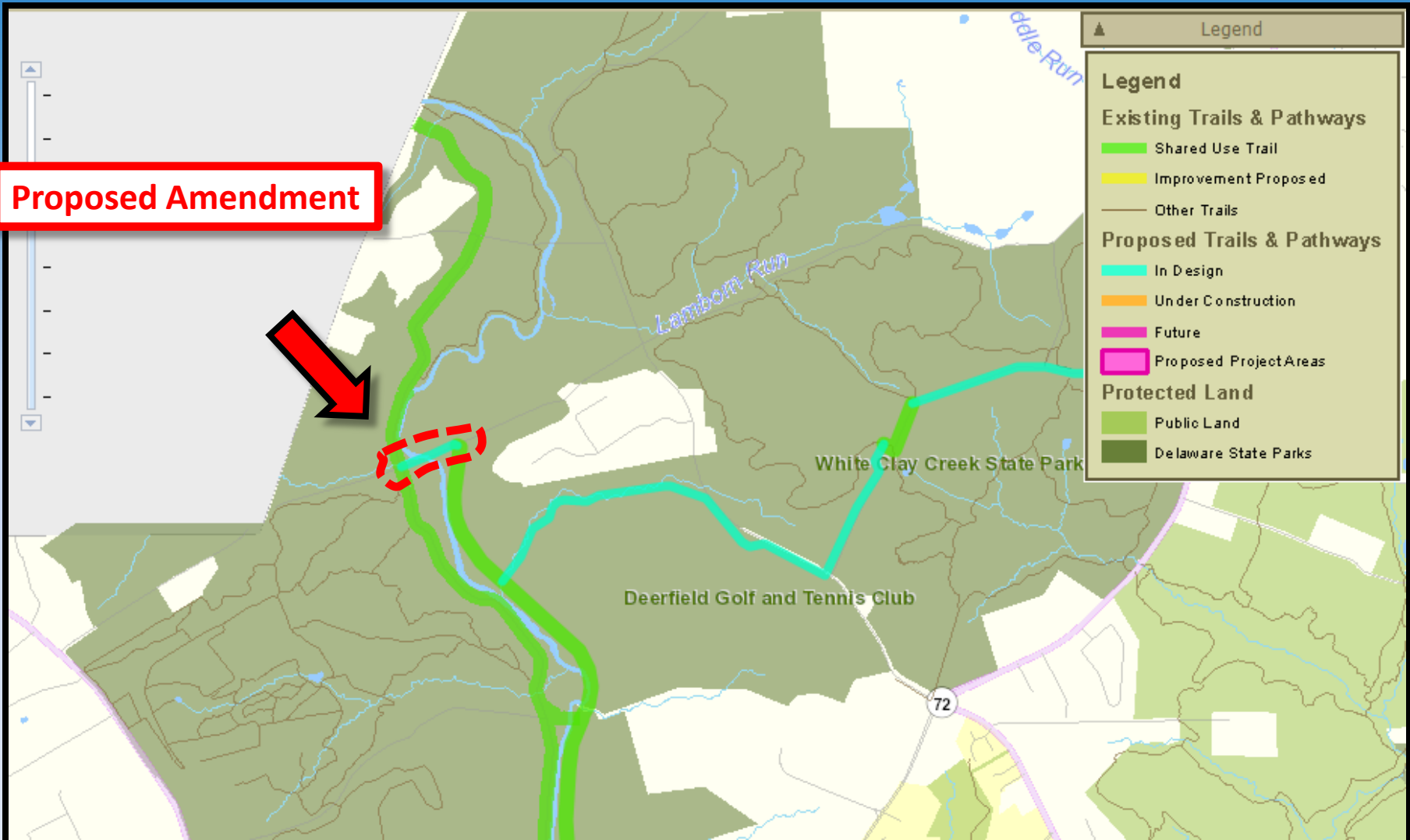


SR 273 Multi-Use Trail

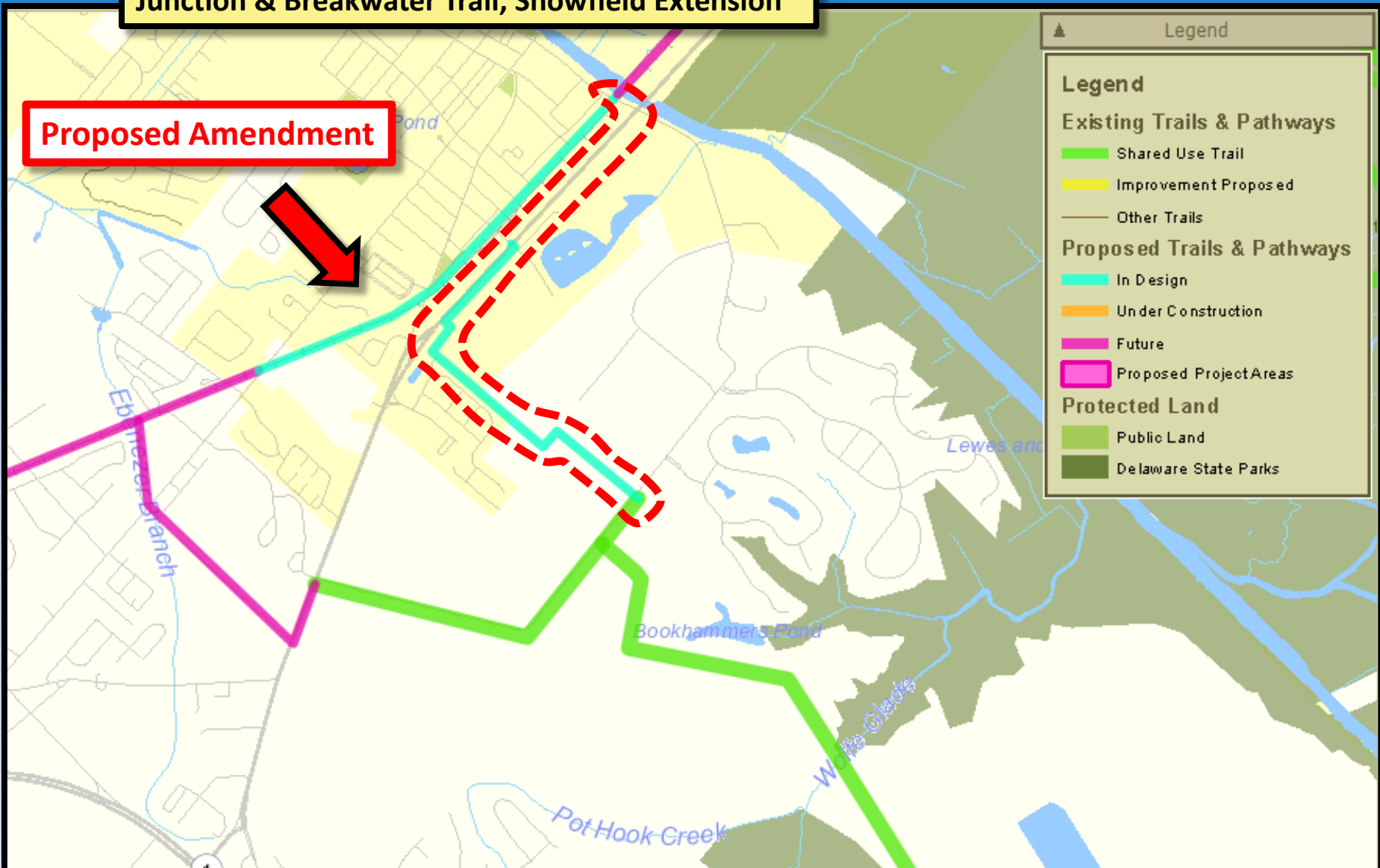
Proposed Amendment

Source: <http://trails.delaware.gov/map.aspx?PROJECTOBJECTID=12&PROJECT=Newark%20to%20Wilmington>

Hopkins Bridge Road Pedestrian Improvements

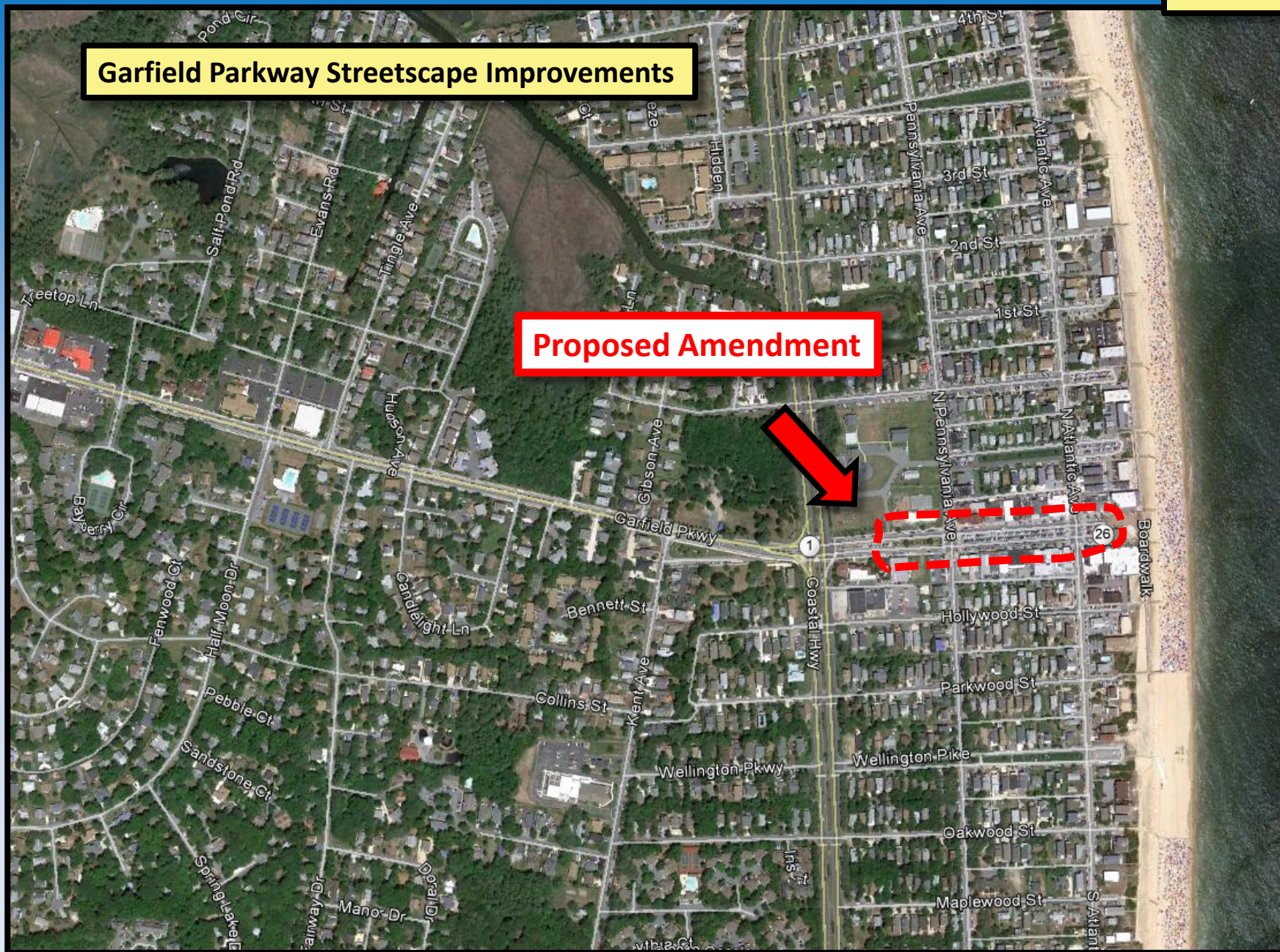


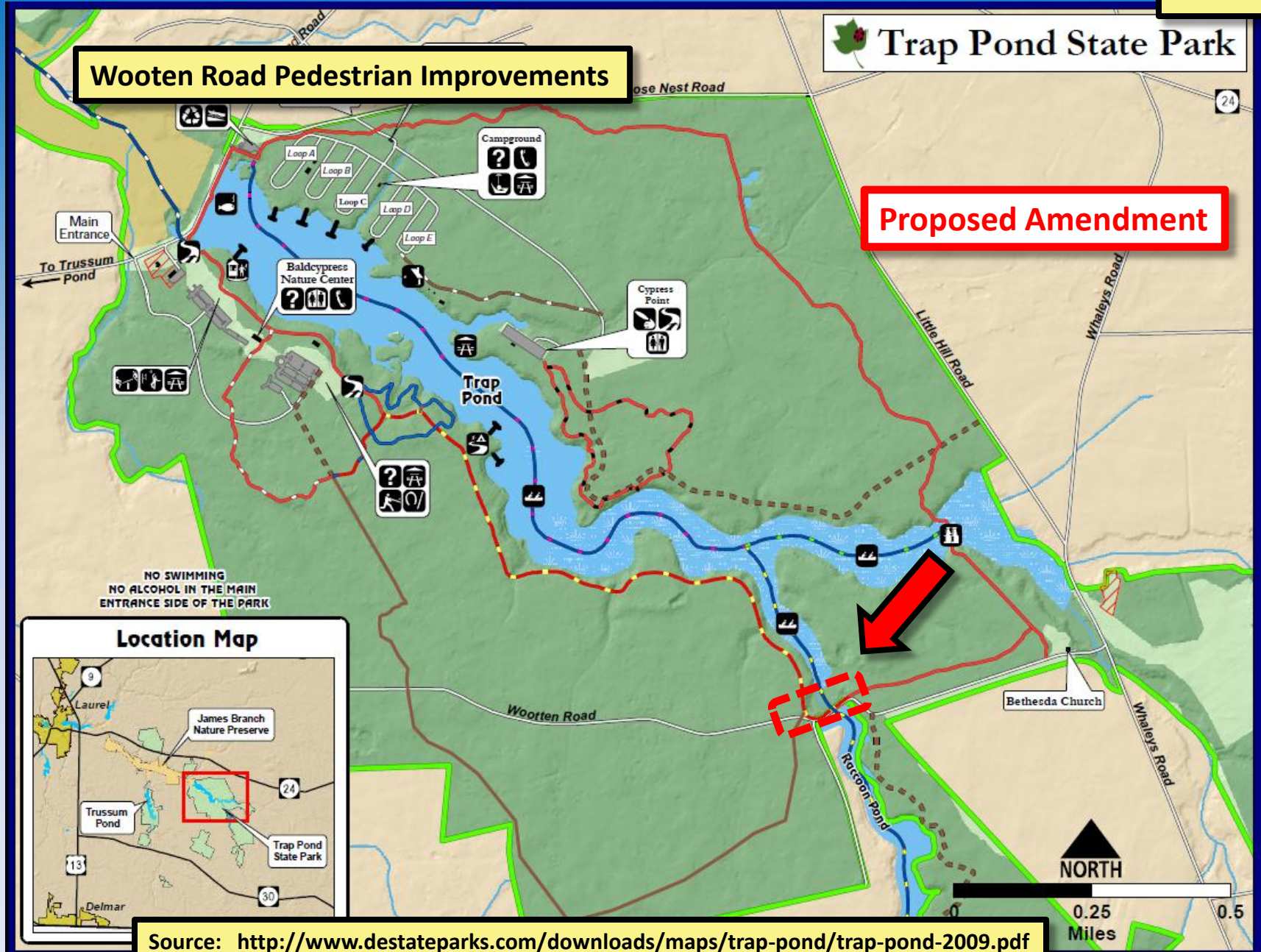
Junction & Breakwater Trail, Showfield Extension

Proposed AmendmentSource: <http://trails.delaware.gov/map.aspx?PROJECTOBJECTID=18&PROJECT=Junction%20&%20Breakwater%20Trail>

Garfield Parkway Streetscape Improvements

Proposed Amendment





Sample Emission Reduction Estimates:

Note: All Methods Essentially Estimate VMT Reduction Due to Mode Shift

Method #1: Share of Parallel Roadway AADT

Emission Reduced = ((AADT * Bike Shift Factor) * Bike Trip Length) * Emission Factor

Emission Reduced = ((AADT * Ped Shift Factor) * Ped Trip Length) * Emission Factor

Method #2: Share of Trips by Bike & Ped Modes

Emission Reduced = ((Bike Trip Generation Rate) * Bike Trip Length) * Emission Factor

Emission Reduced = ((Ped Trip Generation Rate) * Ped Trip Length) * Emission Factor

Method Better Accounts for Activity Centers, Schools, Shopping, & Other
Land Uses Affecting Overall Travel Patterns in Areas NOT Along
Parallel Roadways.

Source: “Methodologies for Evaluating CMAQ Improvement Projects”,
Maricopa Association of Governments, August 15, 2005

Thank You !!!