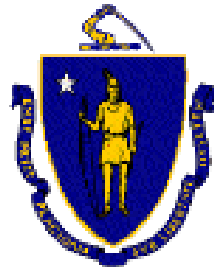


# Cape Cod Rail Trail Wellfleet Extension Project Update



**Monday, October 22, 2018 - 6:30 p.m. – 8:00 p.m.**  
**Wellfleet Senior Center**  
**715 Old Kings Highway, Wellfleet, MA**



# Commonwealth of Massachusetts

Governor

**Charles D. Baker**

Lieutenant Governor

**Karyn E. Polito**

Energy and Environmental Secretary

**Matthew A. Beaton**

Department of Conservation and Recreation Commissioner

**Leo P. Roy**



## **DCR Mission Statement**

*To protect, promote and enhance our  
common wealth of natural, cultural  
and recreational resources  
for the well-being of all.*



# Purpose of Meeting

- To present the design for a two-mile extension of the Cape Cod Rail Trail along the former rail corridor running from Lecount Hollow Road trailhead to Route 6 near Wellfleet Center
- Provide an opportunity for public comment and feedback.

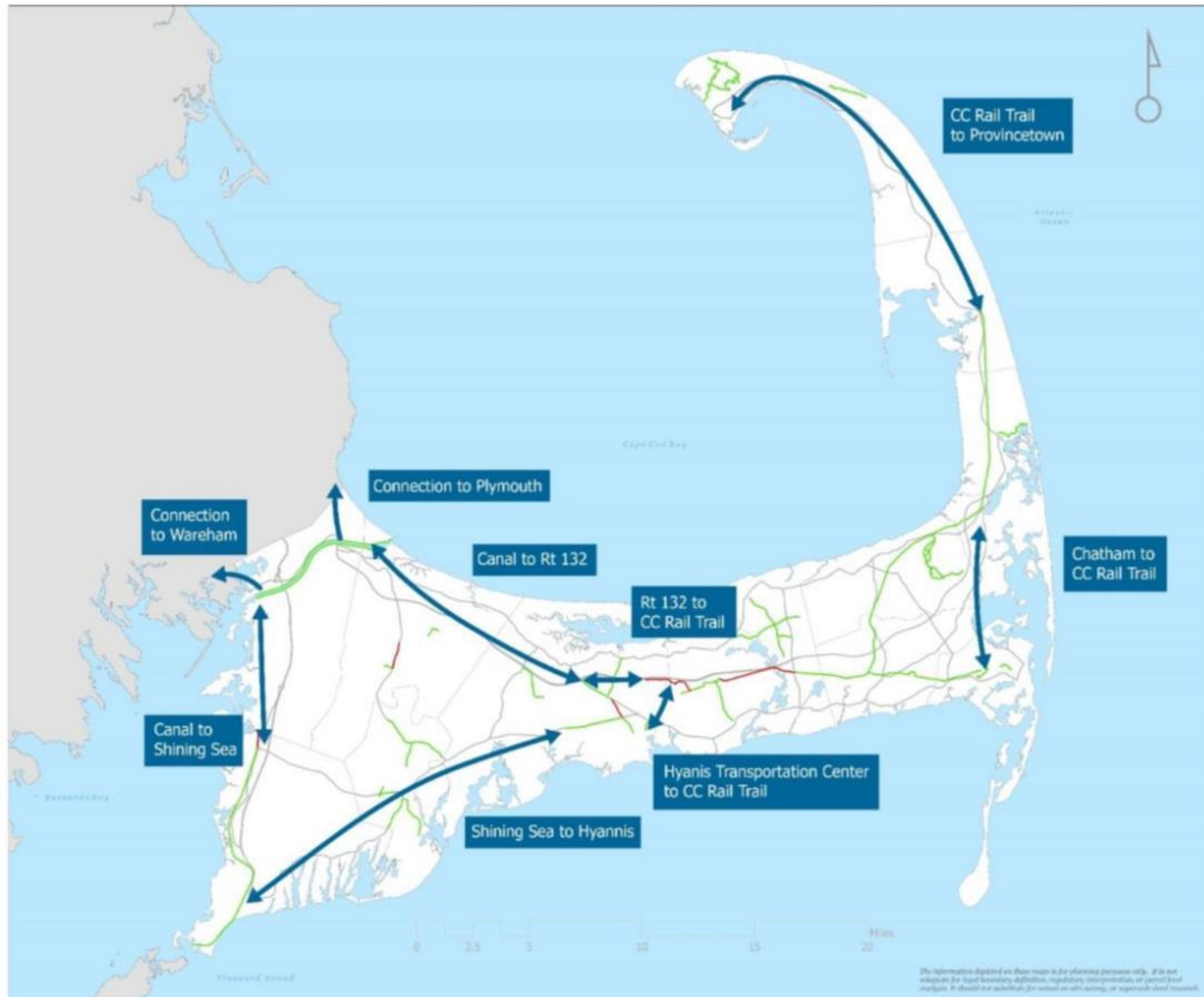
# The Vision



## Shared Use Path Vision Map

### Shared Use Paths

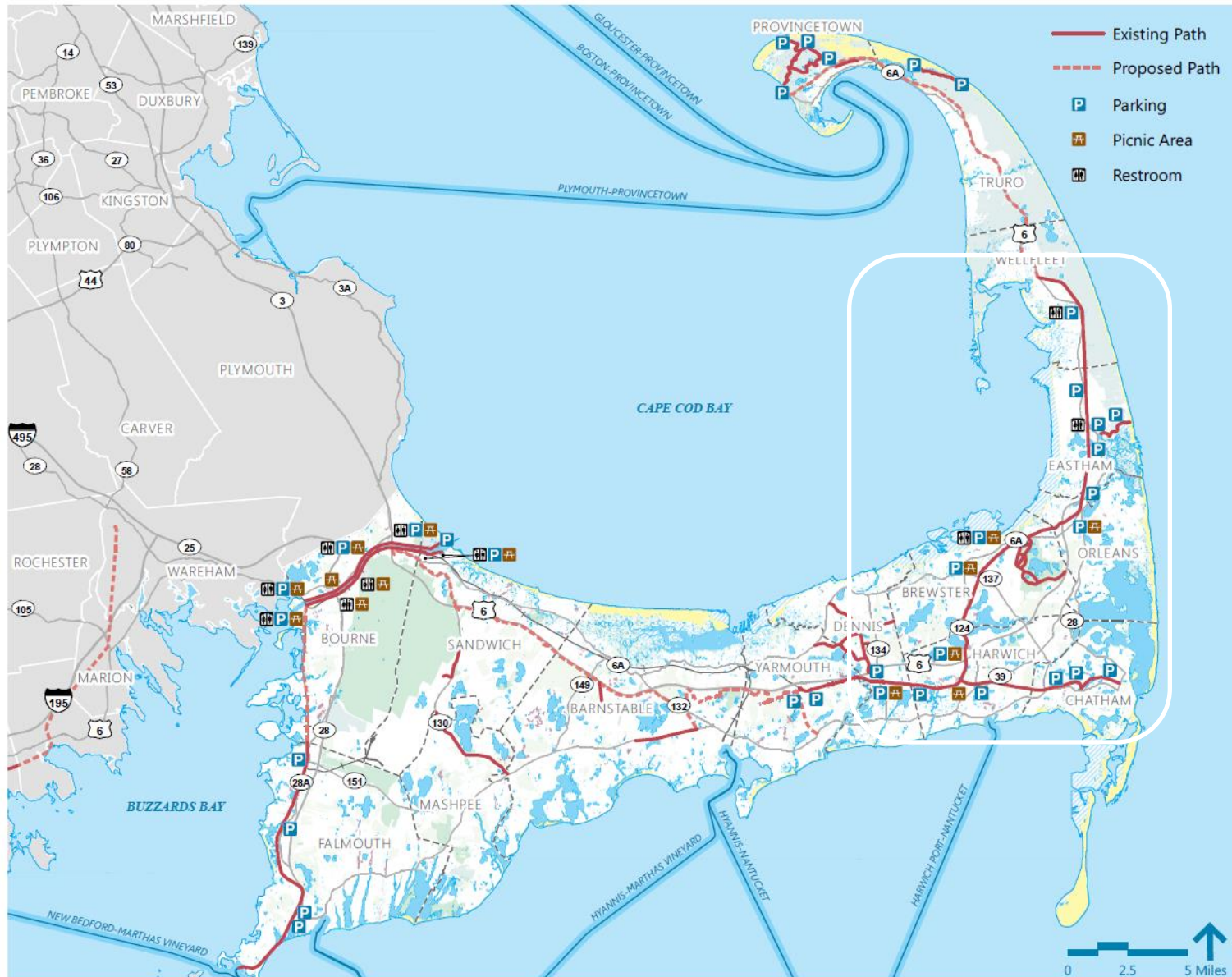
- Existing Shared Use Paths
- Programmed Shared Use Paths
- Proposed Shared Use Path Connections



CAPE COD  
COMMISSION

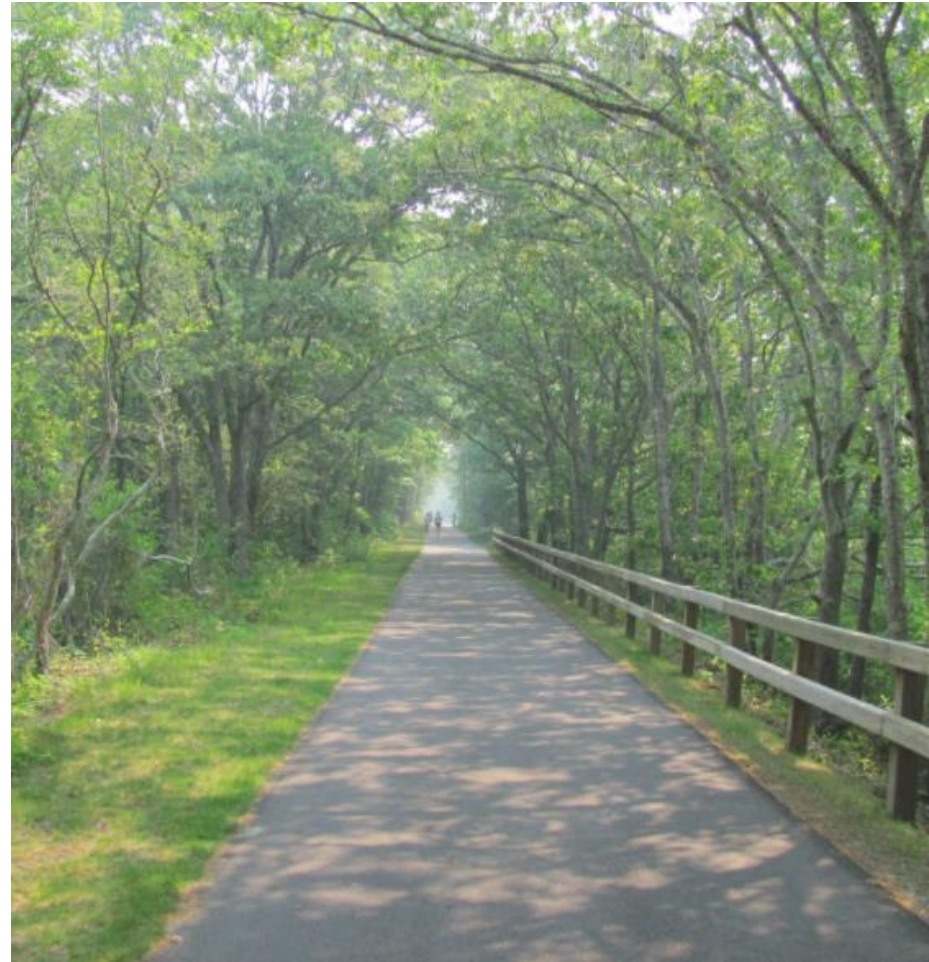


# History of the Cape Cod Rail Trail



# History of the Cape Cod Rail Trail

- Wellfleet to Dennis – 22 miles
  - Managed by DCR
  - First constructed in 1980
- Regional significance & connections
  - Abutter access & connectivity



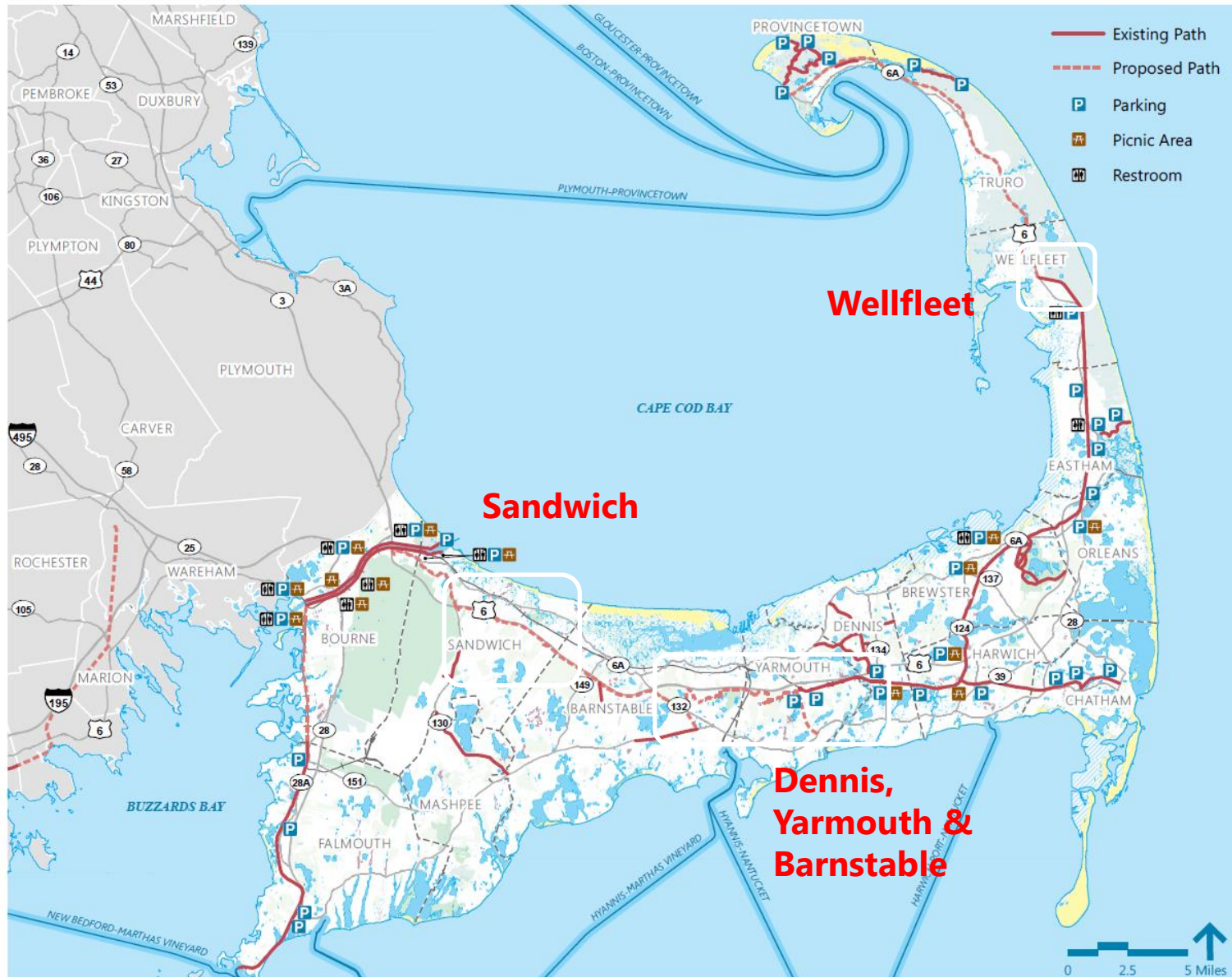
# History of the Cape Cod Rail Trail

- Popularity drove rehabilitation of trail in 2008
- Success drove expansion
  - West: Dennis, Yarmouth, Barnstable, Sandwich
  - East: South Wellfleet
- Phased expansion



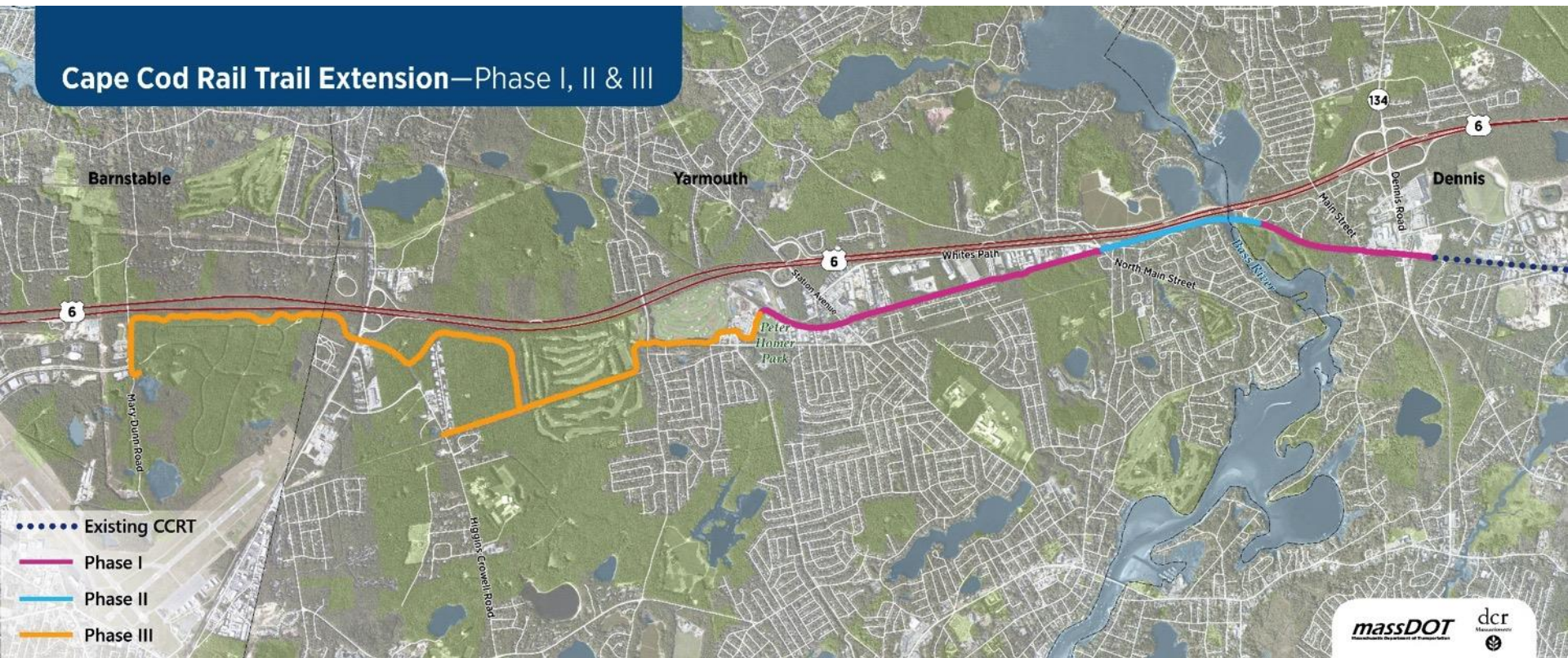


# Western & Eastern Extension



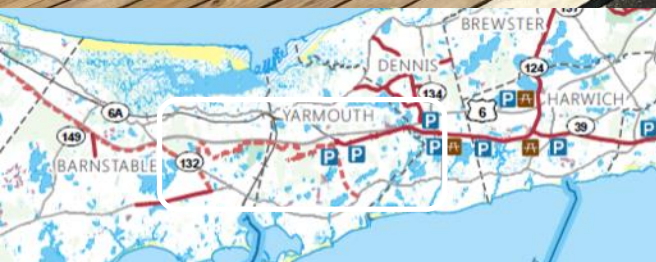


# Western Extension – Dennis, Yarmouth, & Barnstable



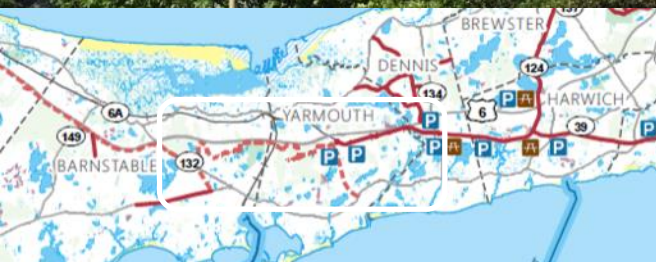


# Western Extension – Dennis, Yarmouth, & Barnstable





# Western Extension – Dennis, Yarmouth, & Barnstable





# Western Extension – Dennis, Yarmouth, & Barnstable





# Western Extension – Sandwich & Barnstable

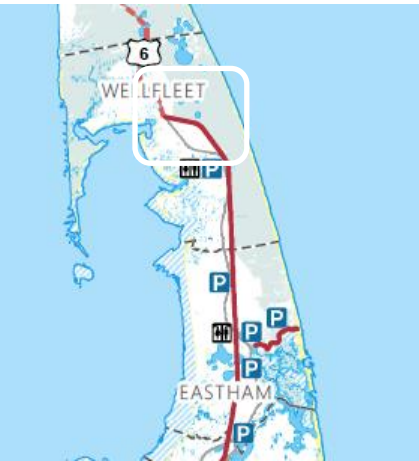




# Western Extension – Sandwich



# Eastern Extension – Wellfleet







# Project Goals

- To continue to design, permit and construct the shared-use path northward from Lecount Hollow Trailhead to Route 6 near Wellfleet Center.
- Work to minimize and improve environmental impacts through the project design.
- Vision: 70-mile Shared-Use Path network



# Funding

## Design and Permitting

- \$200,000 (committed)
  - Combination of Recreational Trails Grants and DCR Capital funds

## Construction

- Anticipated completion, Summer 2020

# Consultant



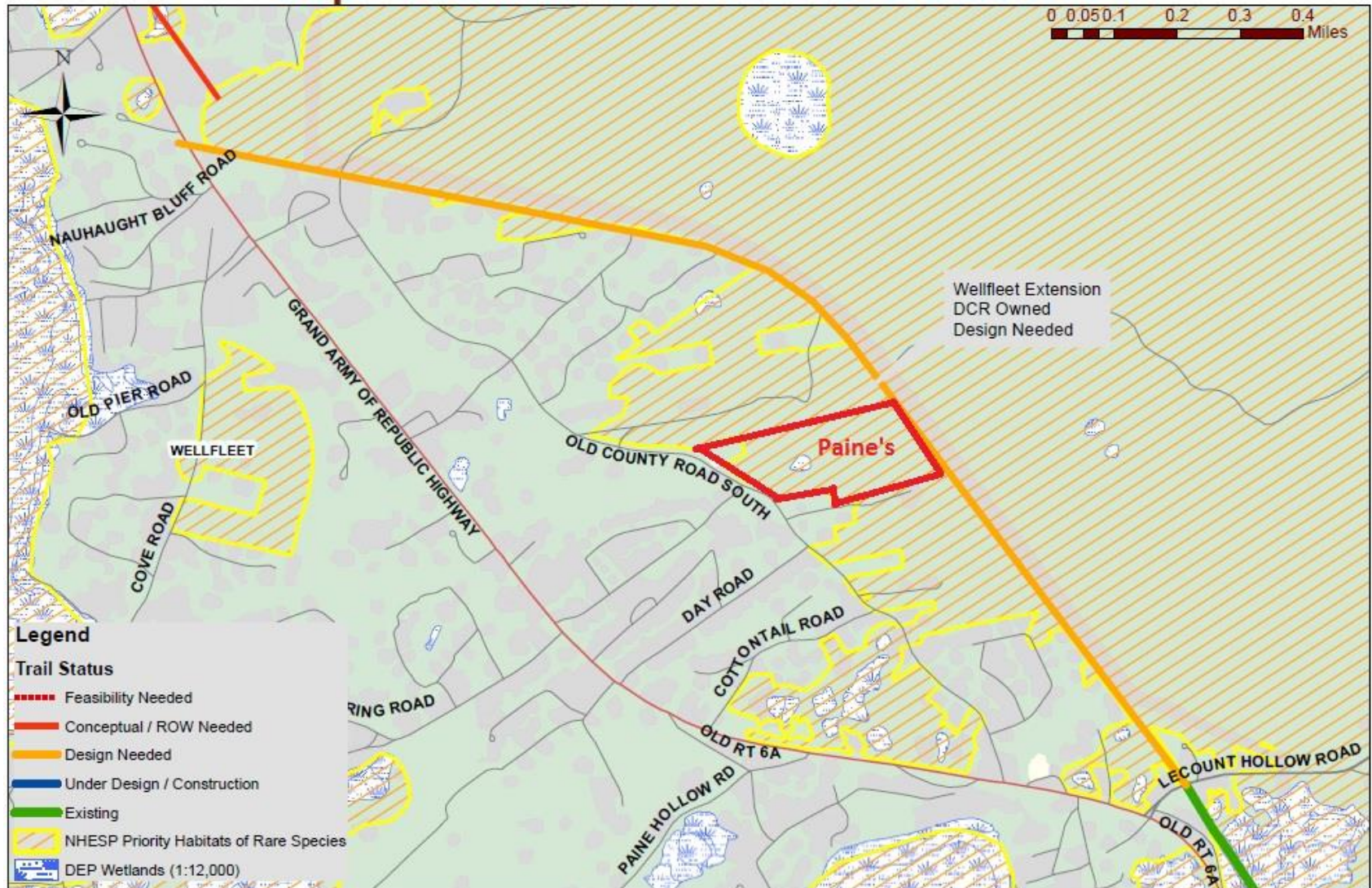
- Full-service, multidisciplinary design firm
- Recognized regional leader in trail projects
  - Over 500 miles of shared-use paths in planning, design or already constructed
- Design Team:
  - Stantec – Shared-use path design
  - SMC – Survey & basemapping preparation
  - LEC Environmental Consultants, Inc.– Resource flagging and permitting





# Project Overview

## Cape Cod Rail Trail - Wellfleet Extension







# Guiding Principles for Design

- 10-foot wide, multi-use, fully accessible pathway, 2 foot shoulders
- Maximum grades of 5% to ensure accessibility
- Safe Connections
- Avoid, minimize and mitigate rare species impacts
- Avoid impacts to wetland and cultural resources



# Existing Conditions

# Proposed Condition





## Lecount Hollow Road Parking Lot Existing Conditions





## **Lecount Hollow Road Parking Lot Existing Conditions**

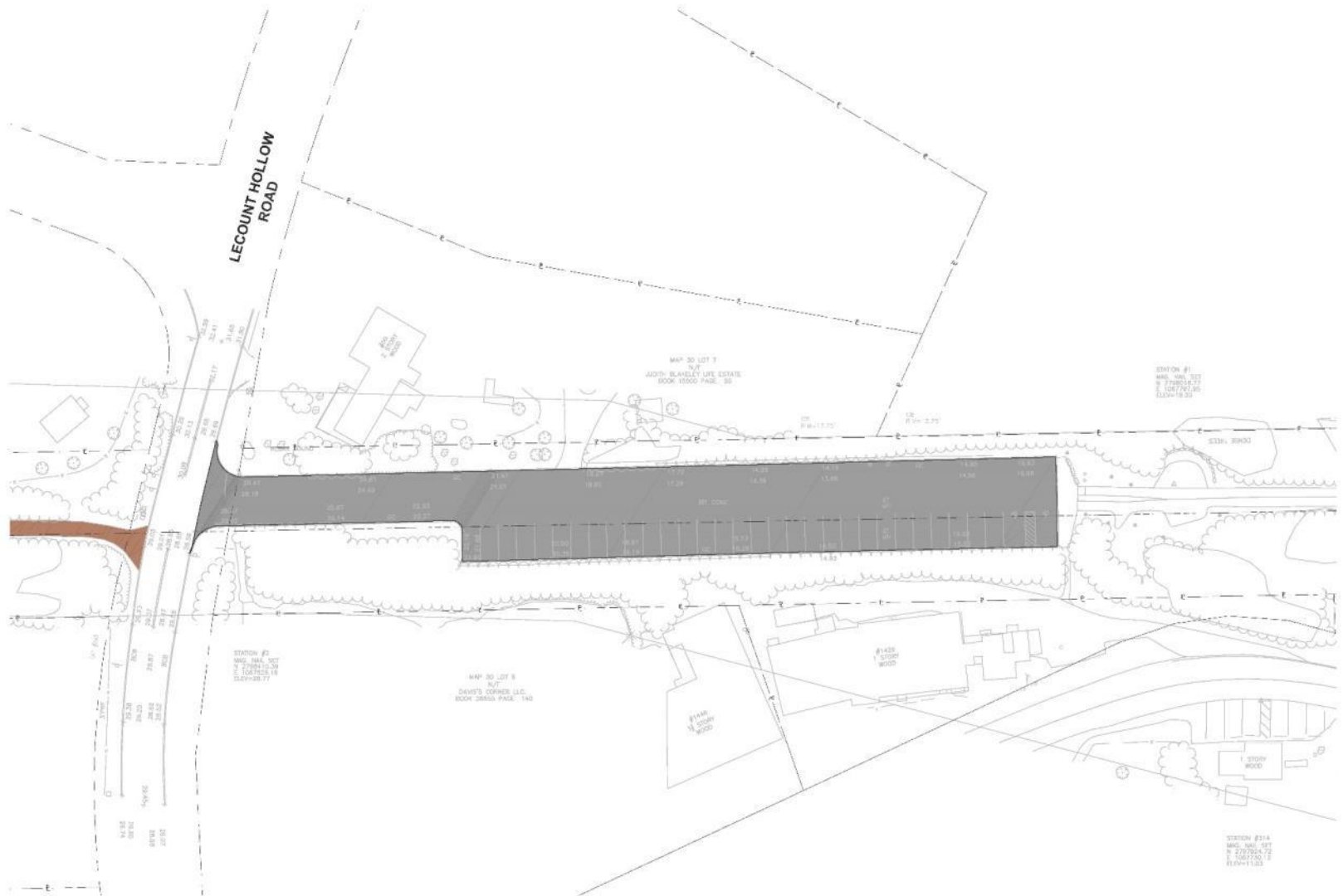


## **Lecount Hollow Road Parking Lot Existing Conditions**

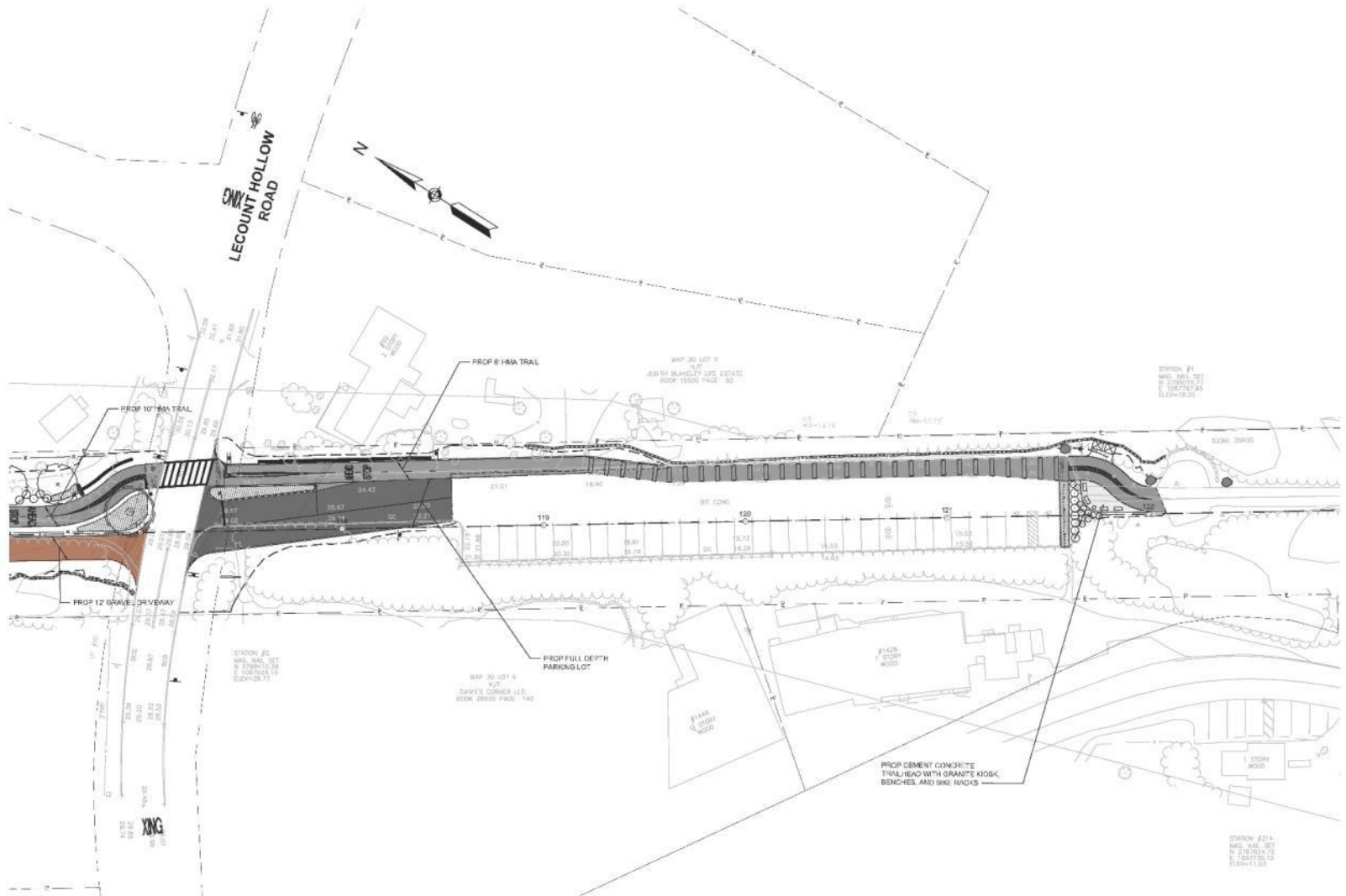




# Lecount Hollow Road Parking Lot Existing Conditions



# Lecount Hollow Road Parking Lot Proposed Conditions





# **Lecount Hollow Road Intersection Existing Conditions**



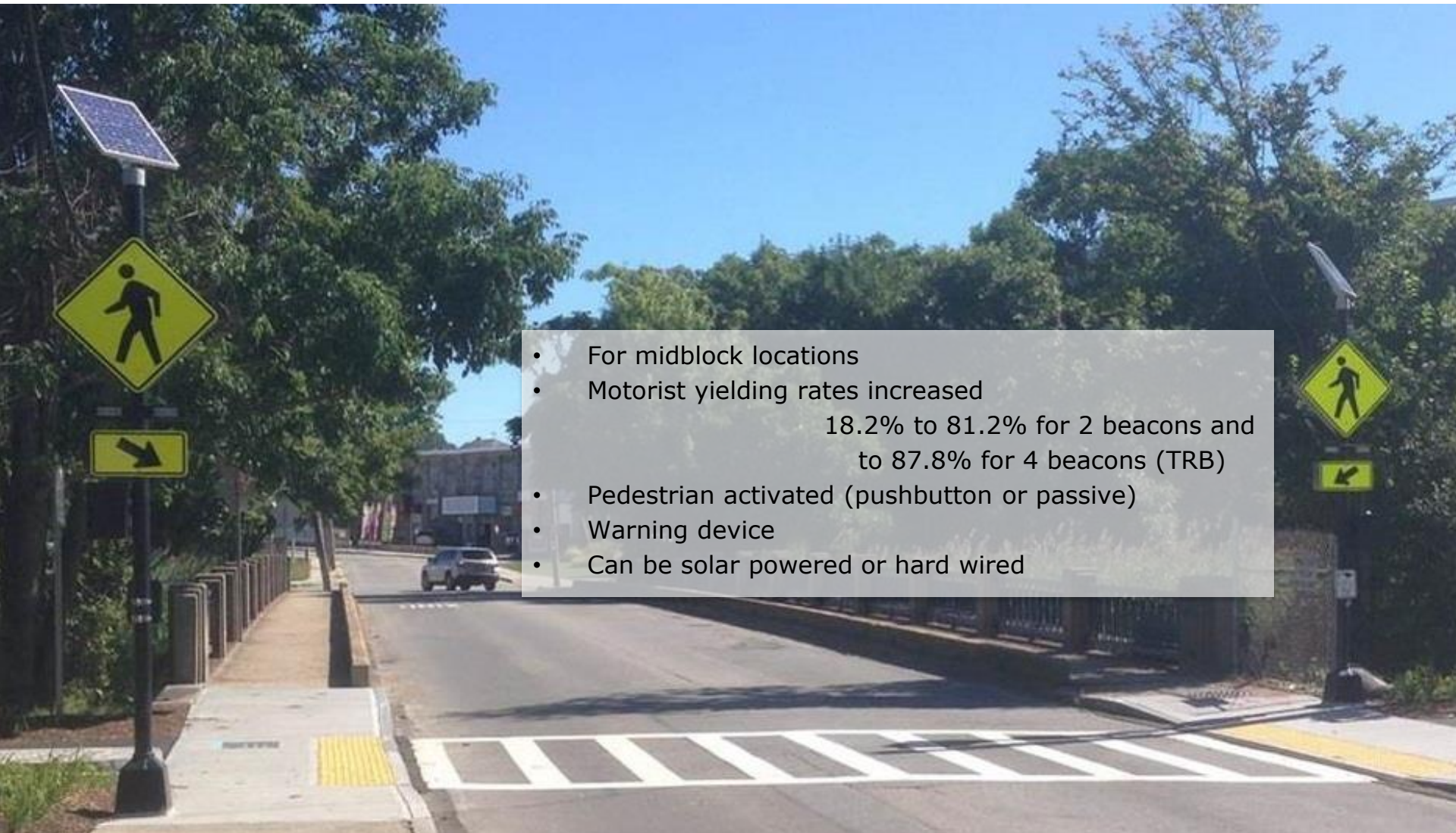


# **Lecount Hollow Road Intersection Existing Conditions**





# Lecount Hollow Road Intersection Rapid Rectangular Flashing Beacon



- For midblock locations
- Motorist yielding rates increased  
18.2% to 81.2% for 2 beacons and  
to 87.8% for 4 beacons (TRB)
- Pedestrian activated (pushbutton or passive)
- Warning device
- Can be solar powered or hard wired



# **Private Driveway Existing Conditions**

**At Lecount Hollow Road**



**At Driveway Entrance**

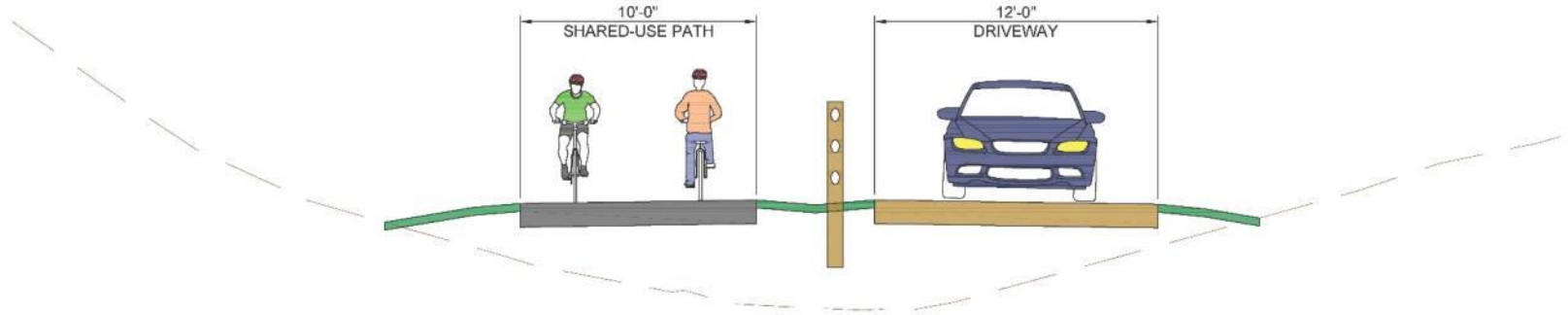




## **Private Driveway Existing Conditions**



# Private Driveway Proposed Conditions





# Trail Design Issues

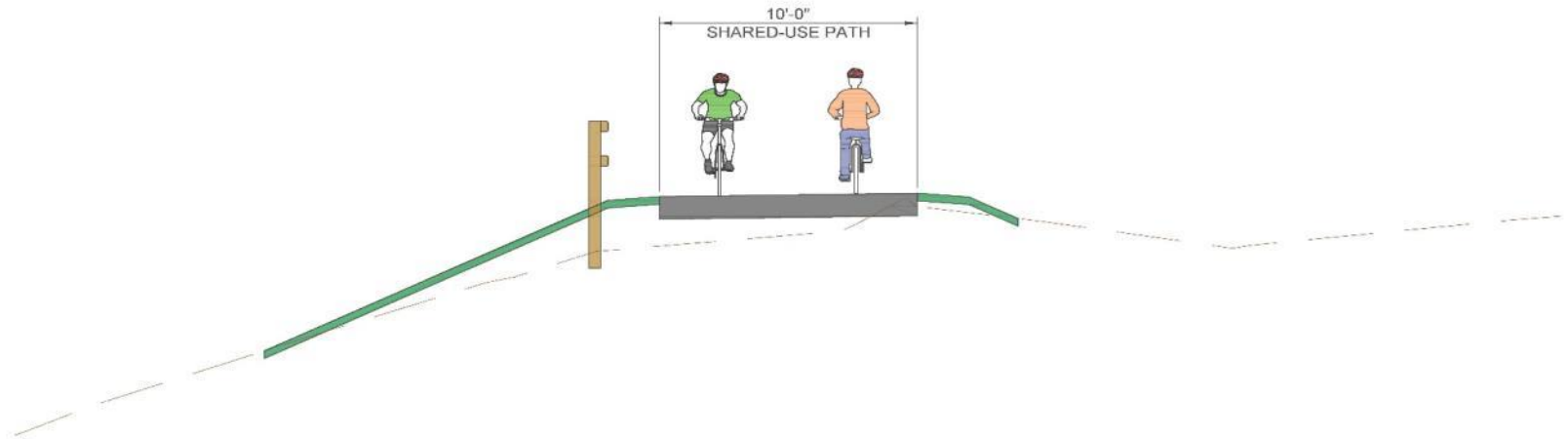
## Trail Washout



## Trail Access to Power Lines



# Trail Design Issues - Proposed Conditions





## **Trail Design Issues**

### **Shoulder and Side Slope Treatment**

#### **Shoulder** Grass Mix – “Natural Perfection”

A fescue-based, low maintenance, low-mow seed mix, mowed twice a year.

#### **Side Slope** Grass Mix – New England Conservation/Wildlife Mix

This mix is comprised of native species and good for erosion control. This mix has a number of wildflowers mixed in and is aesthetically interesting.

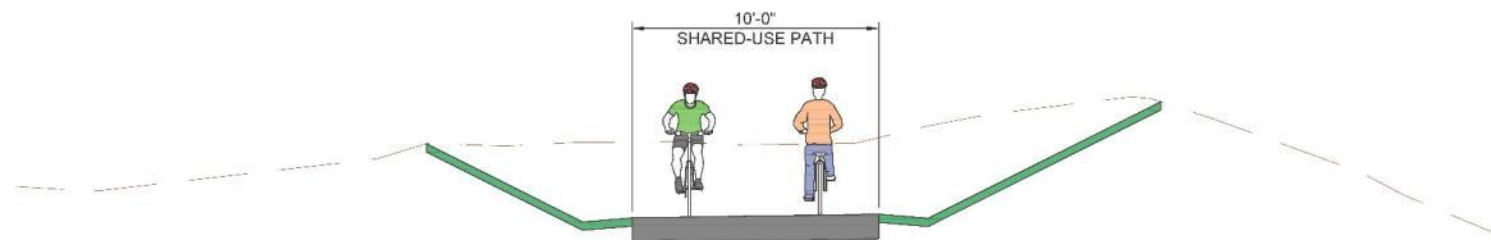
## **Old Kings Highway Existing Conditions**

**Reduce grade to meet ADA  
Accessibility.**





# Old Kings Highway Proposed Conditions - Section

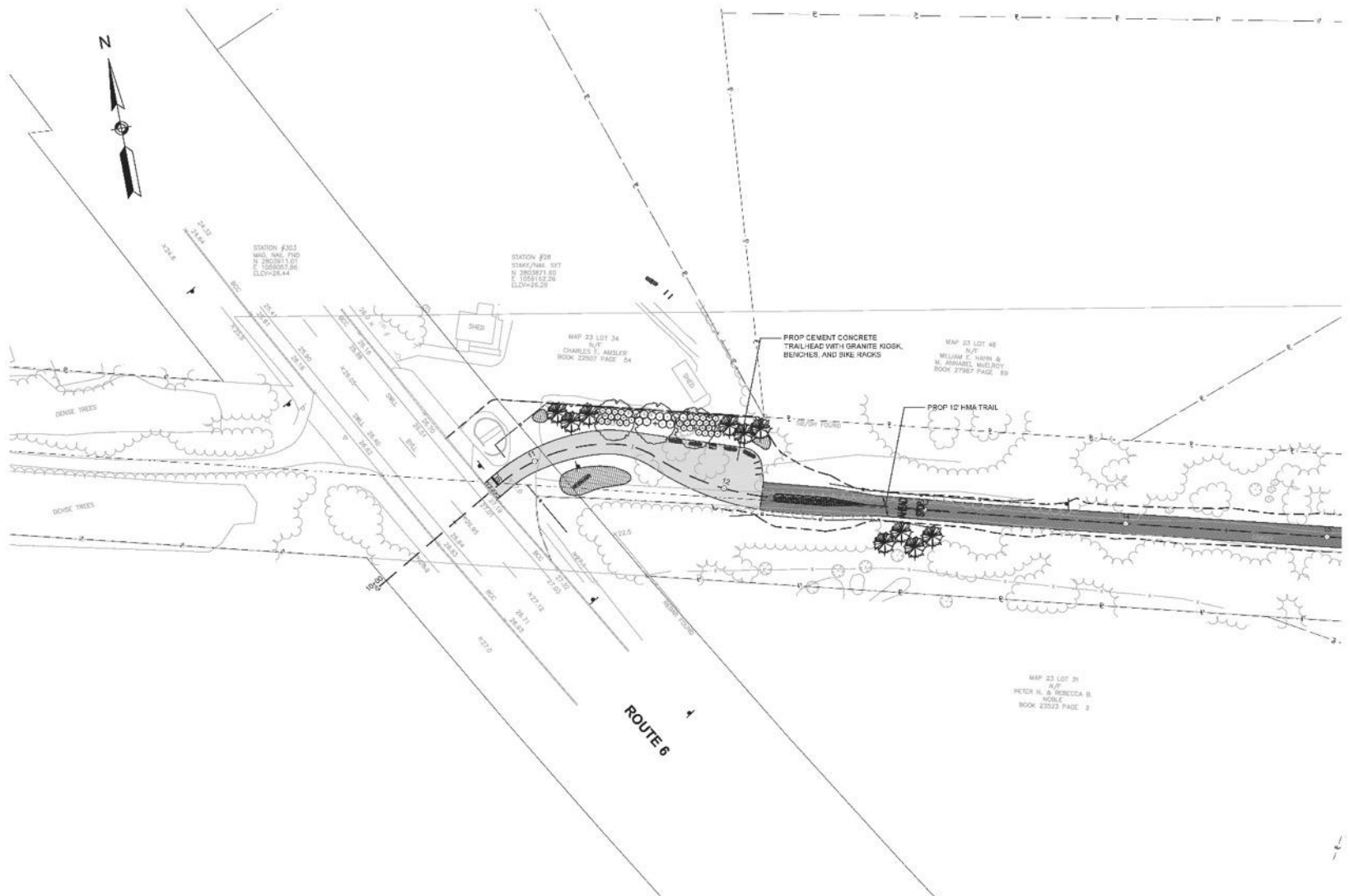


## **Route 6 Trail Terminus Existing Conditions**

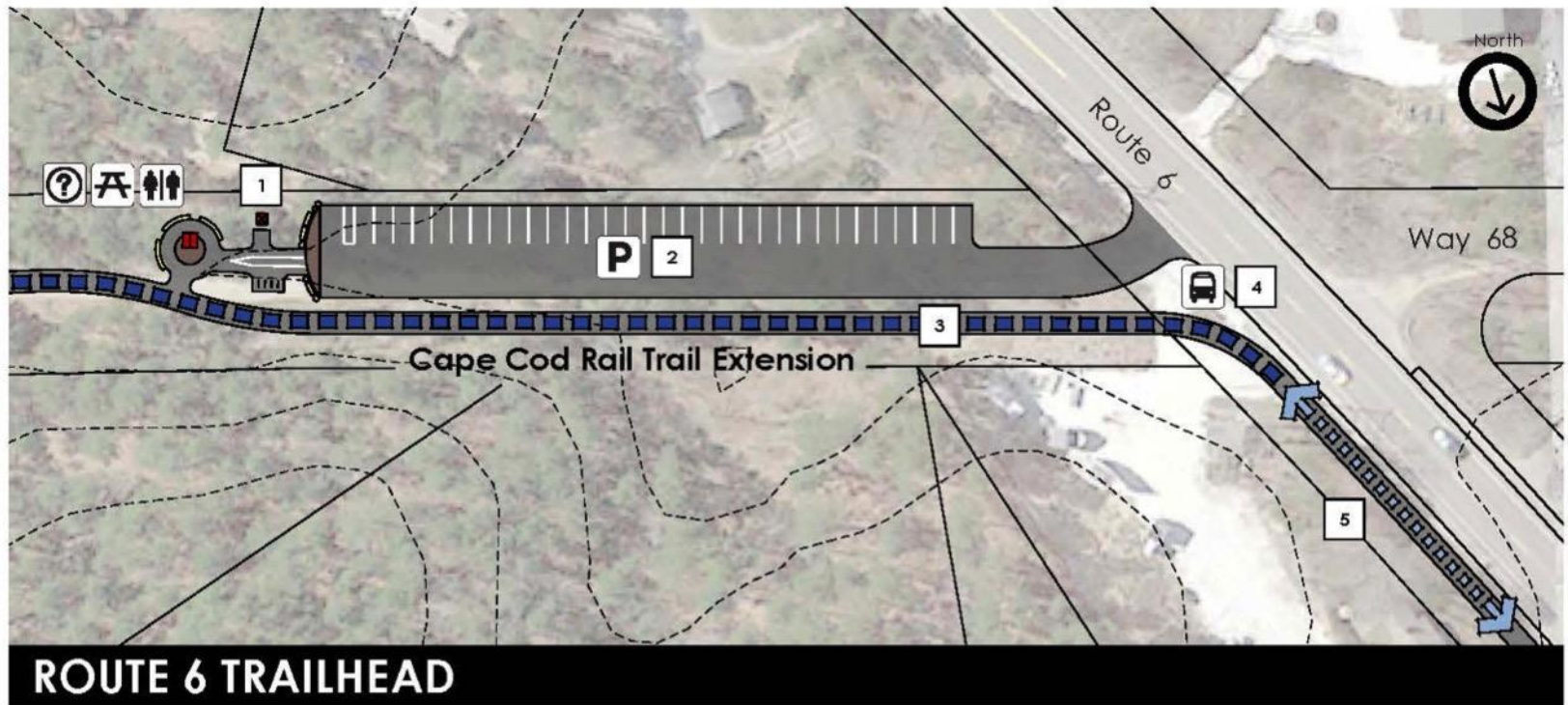




# Route 6 Trail Terminus Proposed Conditions



# Route 6 Trail Terminus Proposed Conditions



## ROUTE 6 TRAILHEAD

1 Potential Rest Area with Kiosk, Porta-Potty, Bike Racks, & Seating

2 Potential Layout for Parking Lot (Similar to LeCount Hollow Rd)

3 Provide Separated Path Connection to Route 6

4 Potential to Relocate Bus Stop

5 Potential "Off-Road" Bike Path

← → MassDOT Project #607397

— Cape Cod Rail Trail

■ ■ ■ CCRT Extension





# Next Steps

- Coordination with MassDOT:
  - MassDot has committed to designing a safe bike / pedestrian connection from the rail trail extension to the intersection at Main Street along Route 6.
- Permitting:
  - Conservation Commission
  - Filing Project Notification Form with Mass Historic Commission
  - Filing and Conservation Management Permit with Natural Heritage and Endangered Species Program (NHESP)
  - Filing of an Environmental Notification Form with MEPA
- Construction (FY20): Pending final permits

# Q&A







## Additional Information

### **For more information:**

[www.mass.gov/dcr/past-public-meetings](http://www.mass.gov/dcr/past-public-meetings)

[www.mass.gov/dcr-projects](http://www.mass.gov/dcr-projects)

### **If you have comments or suggestions on this project:**

*Submit online:* [www.mass.gov/dcr/public-comment](http://www.mass.gov/dcr/public-comment)

*Write:* Department of Conservation and Recreation  
Office of Public Outreach  
251 Causeway Street, Suite 600  
Boston, MA 02114

*Deadline:* Thursday, November 8, 2018.

*Note: Public comments submitted to DCR may be posted on the DCR website in their entirety, and no information, including contact information, will be redacted.*

**If you wish to subscribe to a DCR general information or project-related listserv:** contact DCR's Office of Community Relations at 617-626-4973 or [Mass.Parks@state.ma.us](mailto:Mass.Parks@state.ma.us).