



Bourne Scenic Highway

Design Public Hearing

June 8th, 2023 | 7 p.m. to 8 p.m.

Project No. 606082

MassDOTProjectManagement@dot.state.ma.us

Zoom Hearing Controls



- Ask a question and share comments



- Raise your hand - *9 for users dialing in and Alt + Y to raise your hand



- If you are unable to access the internet or are having technical problems, please call into the meeting at +1 646 876-9923, Webinar ID: 827 9154 8108



Live Transcript

- Closed captioning automatically generated by Zoom



View

- Use the View button in the upper right-hand corner to adjust the meeting view settings to your preference



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Audio Settings ^



Raise Hand



Q&A



Live Transcript

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Public Hearing Notes and Procedures

Public record

- While this virtual public hearing is not being recorded, MassDOT may choose to retain and distribute the images, audio, and the Q&A transcript from this hearing.
- All parts of this hearing are considered public record.
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Important notes

- Your microphone and webcam are automatically disabled upon entering the hearing.
- This hearing will be open to questions and answers at the end of the presentation.
- Please take time to respond to our survey at the end of the presentation. Your feedback is important.

Notice of MassDOT's policy on diversity and civil rights

- All MassDOT activities, including public hearings, are free of discrimination.
- MassDOT complies with all federal and state civil rights requirements preventing discrimination based on sex, race, color, ancestry, national origin (limited English proficiency), religion, creed, gender, sexual orientation, gender identity or expression, or veteran's status.
- We welcome the diversity from across our entire service area. If you have any questions or concerns, please visit <https://www.mass.gov/nondiscrimination-in-transportation-program> to reach the Office of Diversity and Civil Rights.

Thank you for joining our meeting. We appreciate your participation!

Presentation Participants

- **MassDOT**

- Project Manager: Muazzez G. Reardon
- District 5: Shaun Handy
- Facilitator: Joseph Yoo
- Facilitator: Adetoyin Olaoye
- Right of Way: Theresa Kanuse

- **HNTB**


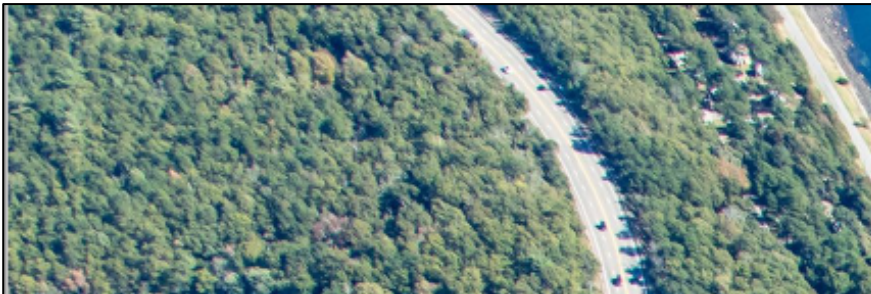
- Project Manager: Jonathan Kapust
- Deputy Project Manager: Brett Fiocchi
- Public Involvement Lead: Patrick Marvin

Stenographer

- Julianne Ryan

Advertisements

- Cape Cod Times
 - May 26, 2023
 - June 2, 2023
- Bourne Enterprise
 - May 26, 2023
 - June 2, 2023
- MassDOT Website
 - Notice and Flyer posted on April 25, 2023
- MassDOT Social Media
 - MassDOT Facebook
 - MassDOT Twitter



Virtual Design Public Hearing

Route 6 (Scenic Highway) Corridor Improvements

Bourne, MA

What is happening?

A Live Virtual Design Public Hearing will be hosted on the MassDOT website below to present the design for the Route 6 Corridor Improvement project in Bourne, MA.

How will this affect you?


The proposed project consists of the widening of Route 6 (Scenic Highway) between Edgehill Road and Nightingale Road. The widened roadway will include the addition of a raised center median between eastbound and westbound traffic, improvements to lane and shoulders widths and cross slope improvements on curves on the roadway. Drainage improvements for treatment and catchment include a new swale along the westbound shoulder and new underground drainage. The project will incorporate a 10 foot wide shared use path between both intersections that will be physically separated from roadway traffic.


When

Thursday, June 8, 2023
7:00PM to 8:00 PM

Attend

www.mass.gov/orgs/highway-division/events





To ensure its meetings are accessible, MassDOT reasonably provides: translation, interpretation, modifications, accommodations, alternative formats, and auxiliary aids and services. To request such services, please contact MassDOT's Chief Diversity and Civil Rights Officer at 857-368-8580 or MassDOT.CivilRights@dot.state.ma.us. For adequate time to process such request, please make them as early as possible, ideally 10-15 days prior to the event.

Project inquiries may also be emailed to MassDOTProjectManagement@dot.state.ma.us. Please submit any written statements regarding the proposed undertaking to: Carrie A. Lavallee, P.E., Chief Engineer, MassDOT, 10 Park Plaza, Boston, MA 02116, Attention: PROJECT MANAGEMENT, PROJECT FILE NO. 606082.

THE COMMONWEALTH OF MASSACHUSETTS
MASSACHUSETTS DEPARTMENT OF TRANSPORTATION – HIGHWAY DIVISION
NOTICE OF A DESIGN PUBLIC HEARING
Project File No.606082

A Live Virtual Design Public Hearing will be hosted on the MassDOT website below to present the design for the proposed Route 6 Corridor Improvements project in Bourne, MA.

WHEN: 7:00PM, Thursday, June 8, 2023

PURPOSE: The purpose of this hearing is to provide the public with the opportunity to become fully acquainted with the proposed Route 6 Corridor Improvements project. All views and comments submitted in response to the hearing will be reviewed and considered to the maximum extent possible.

PROPOSAL: The proposed project consists of Route 6 (Scenic Highway) between Edgehill Road and Nightingale Road. The widened roadway will include the addition of a raised center median between eastbound and westbound traffic, improvements to lane and shoulders widths and cross slope improvements on curves on the roadway. Drainage improvements for treatment and catchment include a new swale along the westbound shoulder and new underground drainage. The project will incorporate a 10 foot wide shared use path between both intersections that will be physically separated from roadway traffic.

A secure right-of-way is necessary for this project. Acquisitions in fee and permanent or temporary easements may be required. The Commonwealth of Massachusetts is responsible for acquiring all needed rights in private or public lands. MassDOT's policy concerning land acquisitions will be presented in the hearing.

Project inquiries, written statements and other exhibits regarding the proposed undertaking may be submitted to Carrie E. Lavallee, P.E., Chief Engineer, via e-mail to MassDOTProjectManagement@dot.state.ma.us or via US Mail to Suite 7550, 10 Park Plaza, Boston, MA 02116, Attention: Project Management, Project File No. 606082. Statements and exhibits intended for inclusion in the hearing transcript must be emailed or postmarked no later than ten (10) business days (14 calendar days) after the hearing is hosted.

This hearing is accessible to people with disabilities. MassDOT provides reasonable accommodations and/or language assistance free of charge upon request (e.g interpreters in American Sign Language and languages other than English, live captioning, videos, assistive listening devices and alternate material formats), as available. For accommodation or language assistance, please contact MassDOT's Chief Diversity and Civil Rights Officer by phone (857-368-8580), TTD/TTY at (857) 266-0603, fax (857) 368-0602 or by email (MassDOT.CivilRights@dot.state.ma.us). Requests should be made as soon as possible and prior to the hearing, and for more difficult to arrange services including sign-language, CART or language translation or interpretation, requests should be made at least ten business days before the hearing.

This hearing will be hosted, or a cancellation announcement posted, on the internet at <https://www.mass.gov/orgs/highway-division/events>.

JONATHAN GULLIVER
HIGHWAY ADMINISTRATOR

CARRIE E. LAVALLEE, P.E.
CHIEF ENGINEER

Project Handout

<https://www.mass.gov/event/bourne-route-6-corridor-improvements-2023-06-08t190000-0400-2023-06-08t203000-0400>



Funding

- Total estimated cost is \$26M
- Cost does not include any Right-Of-Way acquisition costs
- Project programmed in the Statewide Transportation Improvement Program (STIP) in the appropriate Federal Fiscal Year
- Funding Sources:
 - Federal Aid (80%)
 - State Funds (20%)



Project Overview

- 01 Project Area
- 02 Project History
- 03 Existing Conditions
- 04 Project Goals
- 05 Design Alternatives
- 06 Preferred Alternative
- 07 Design Progression
- 08 Right-Of-Way
- 09 Environmental Impacts
- 10 Construction/Traffic Impacts
- 11 Next Steps
- 12 Contact Information
- 13 Questions



Project Location

- Approximately 1.5 miles of Route 6
- Nightingale Road intersection
- Edgehill Road intersection



How did we get here?





**Why was this
project
initiated?**

Existing Issues

Safety Concerns:

- Significant number of crashes
 - Vehicles cross centerline
- Road Safety Audit in 2014 found:
 - High Speeds
 - Lack of Shoulders
 - Hydroplaning
 - Drainage Issues



Existing Issues (cont'd)

Safety Concerns:

- Lack of adequate drainage is a contributor to crashes.
- Drainage and Cross Slope/Superelevation improvements needed.





**What do we
want to
accomplish?**

Project Purpose

To improve safety within the corridor by:

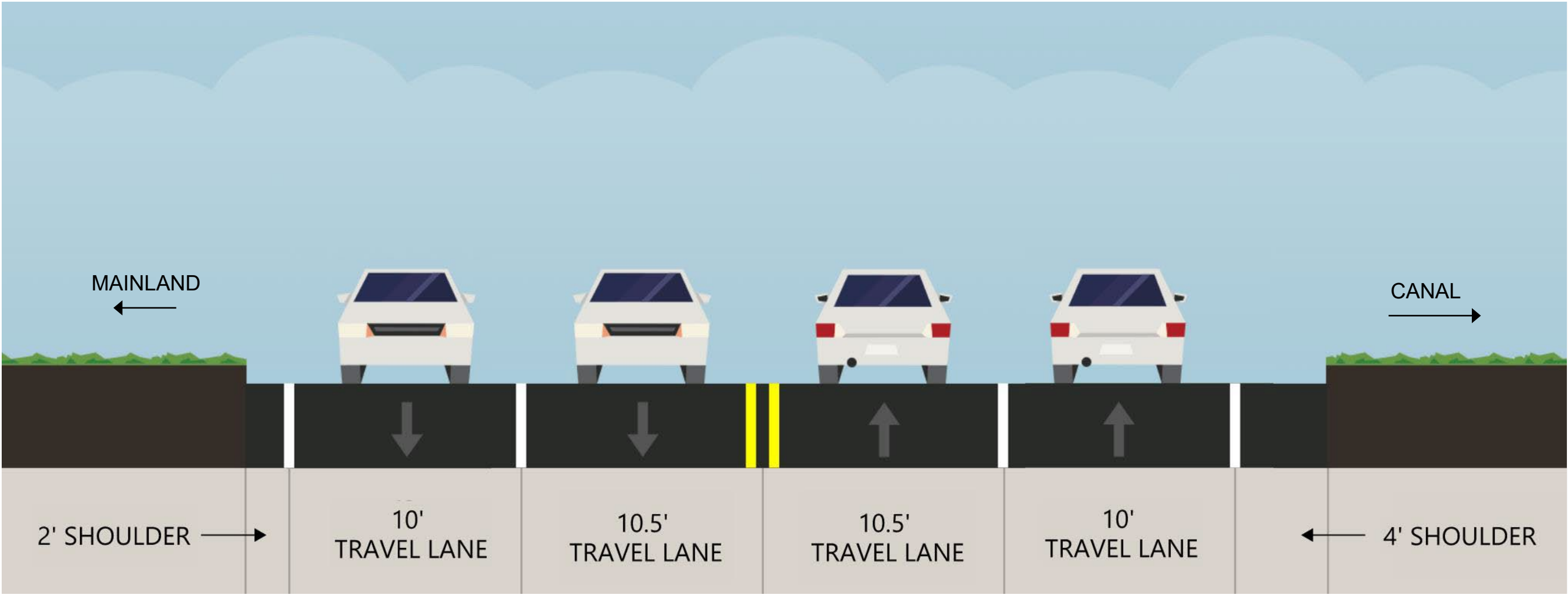
- Lane and Shoulder Widening
 - Improve substandard widths
- Center Raised Median
 - Address crossover crashes
- Cross Slope Improvements
 - Update the cross slope in curves to improve vehicular control
 - Improve stormwater catchment to minimize flow across lanes
 - Address icing in winter storm road events

Project Purpose (cont'd)

To improve safety within the corridor:

- Westbound Swale/ Upgraded Drainage System
 - Reduce ponding in roadway and probability of hydroplaning
 - Address icing in winter storm road events
- Install a Shared Use Path
 - Response to municipality request
 - Provides a safe, healthy alternative mode of travel
- Coordinate design with future improvements for canal crossings

Existing Roadway

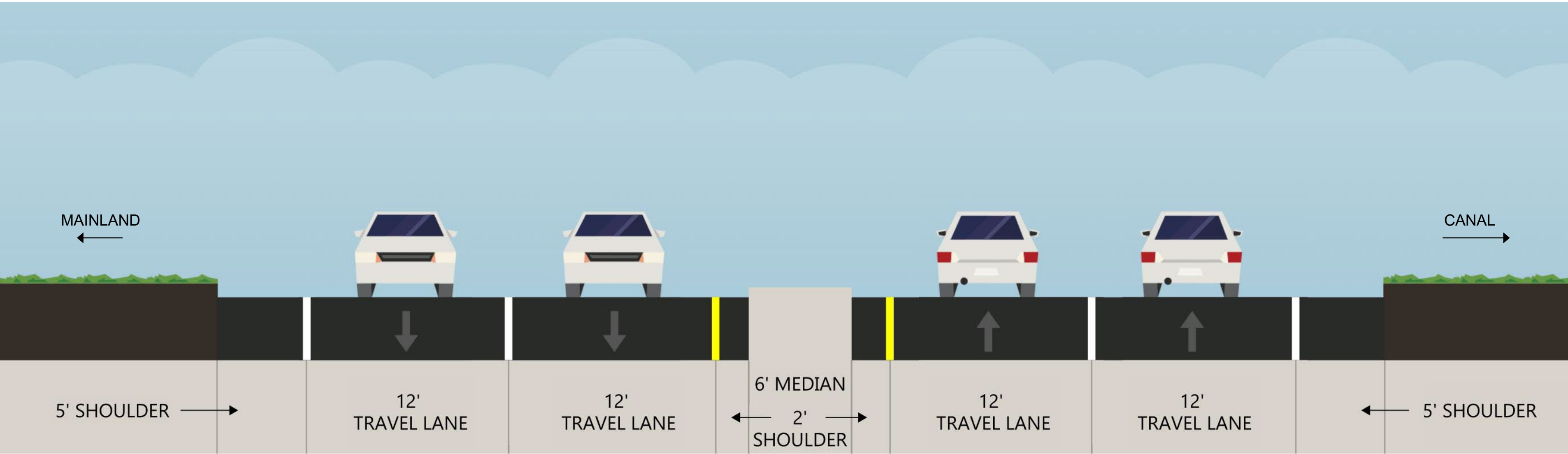




**What
alternatives
were
considered?**

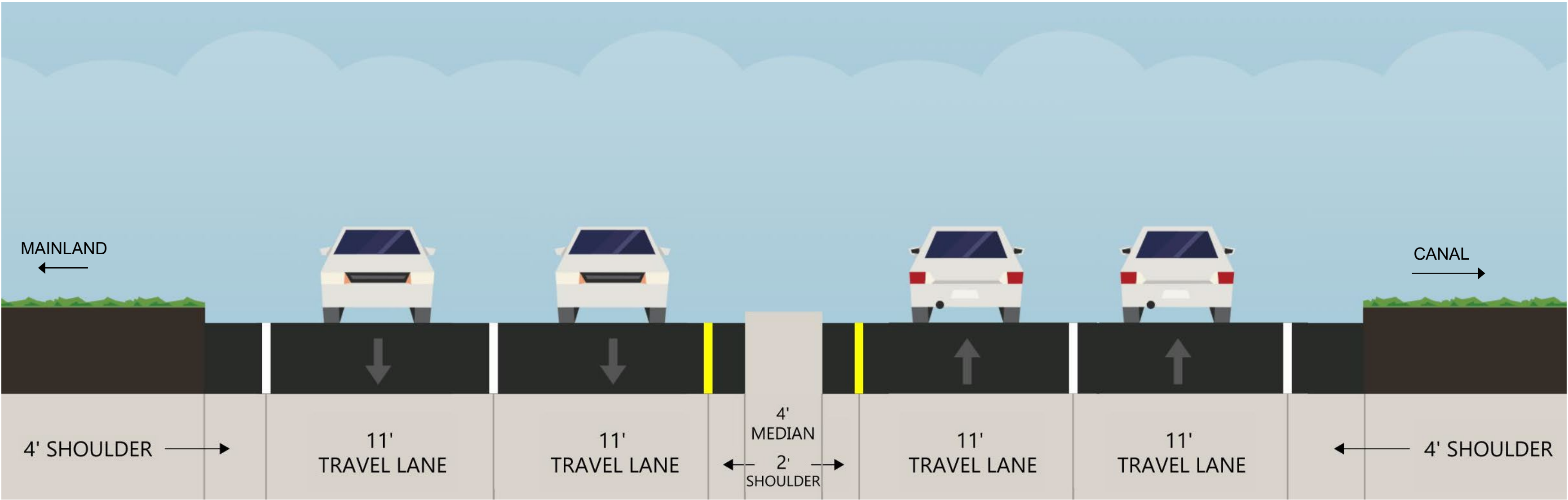
Alternative 1:
Wide Median Concept

Shared Use Path Width: Not included
Lanes Maintained in TTCP: 2 WB, 1 EB (all stages)



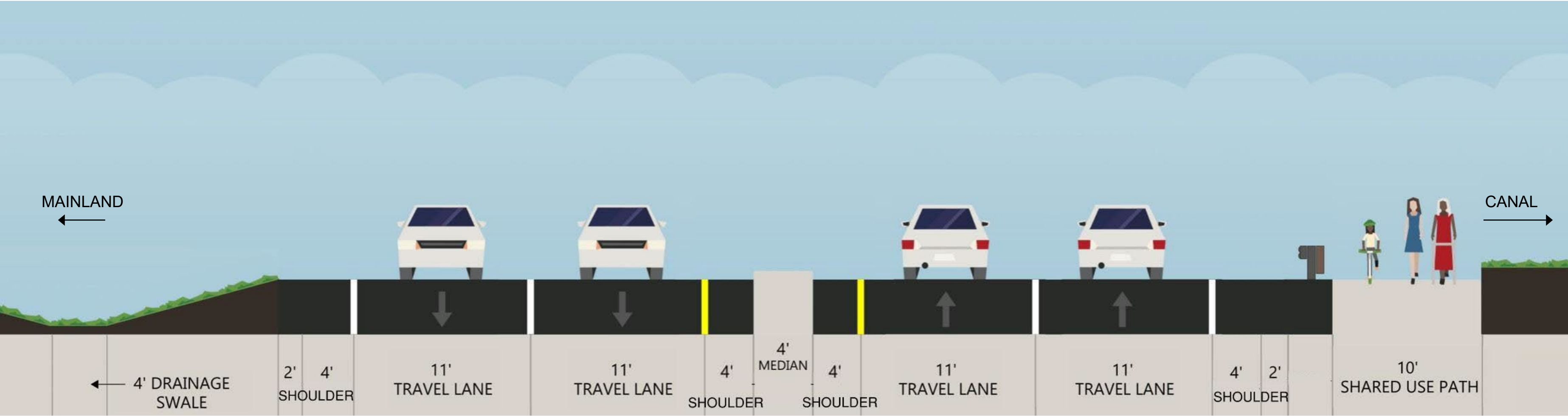
Alternative 2:
Narrowed Cross Section

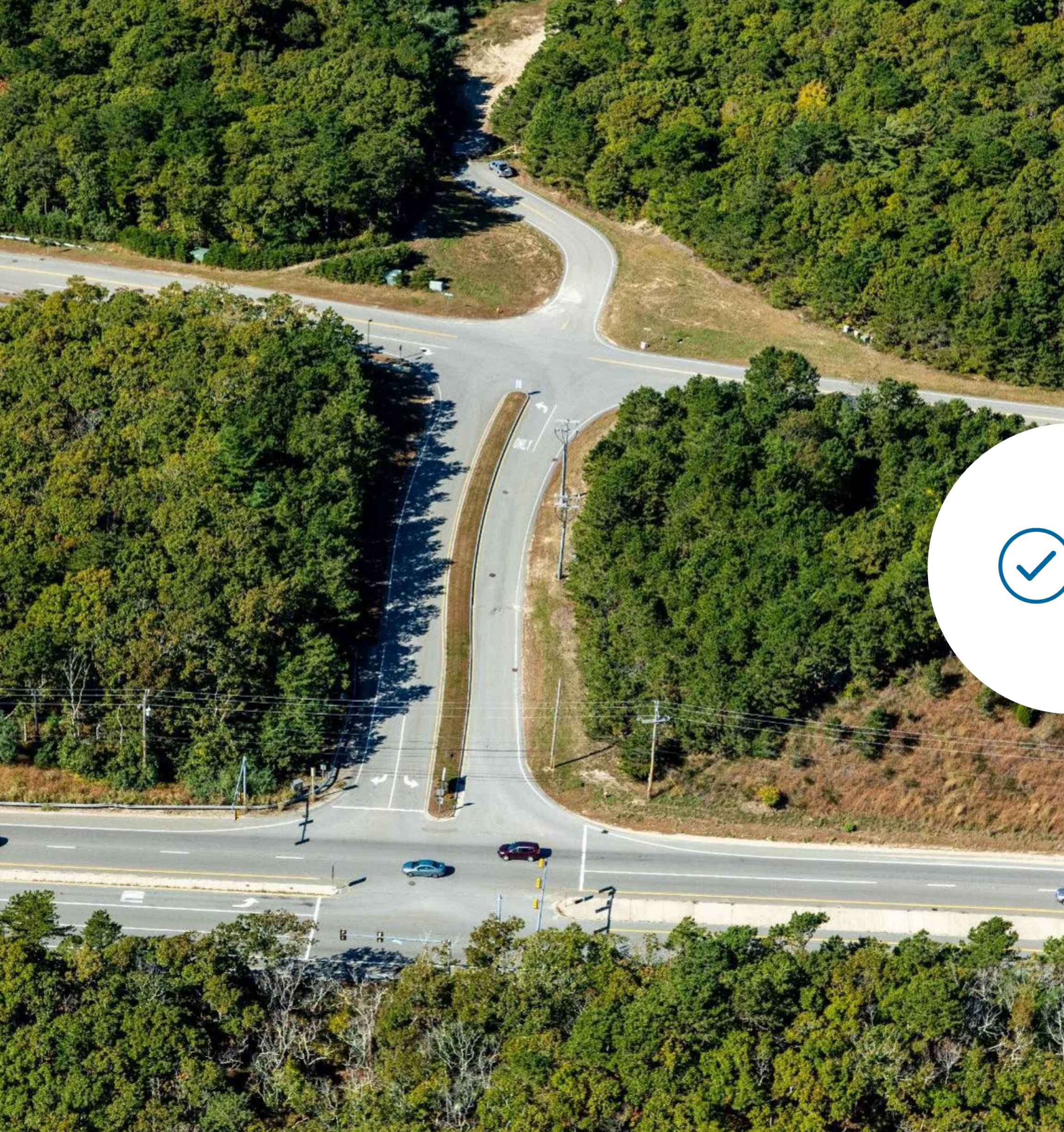
Shared Use Path Width: Not included
Lanes Maintained in TTCF: 2 WB, 1 EB (all stages)



Alternative No. 3:
Shared Use Path EB Side

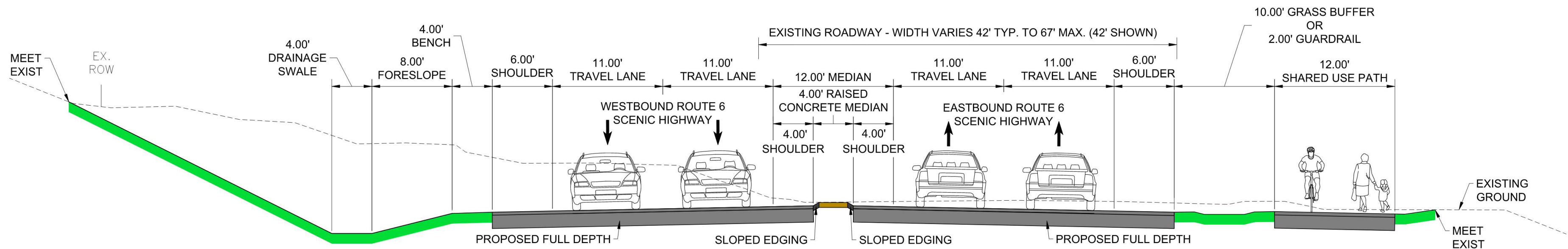
Shared Use Path Width: 10 feet
Lanes Maintained in TTCF: 4 (Stages 2 - 4)





**What is the
preferred
alternative?**

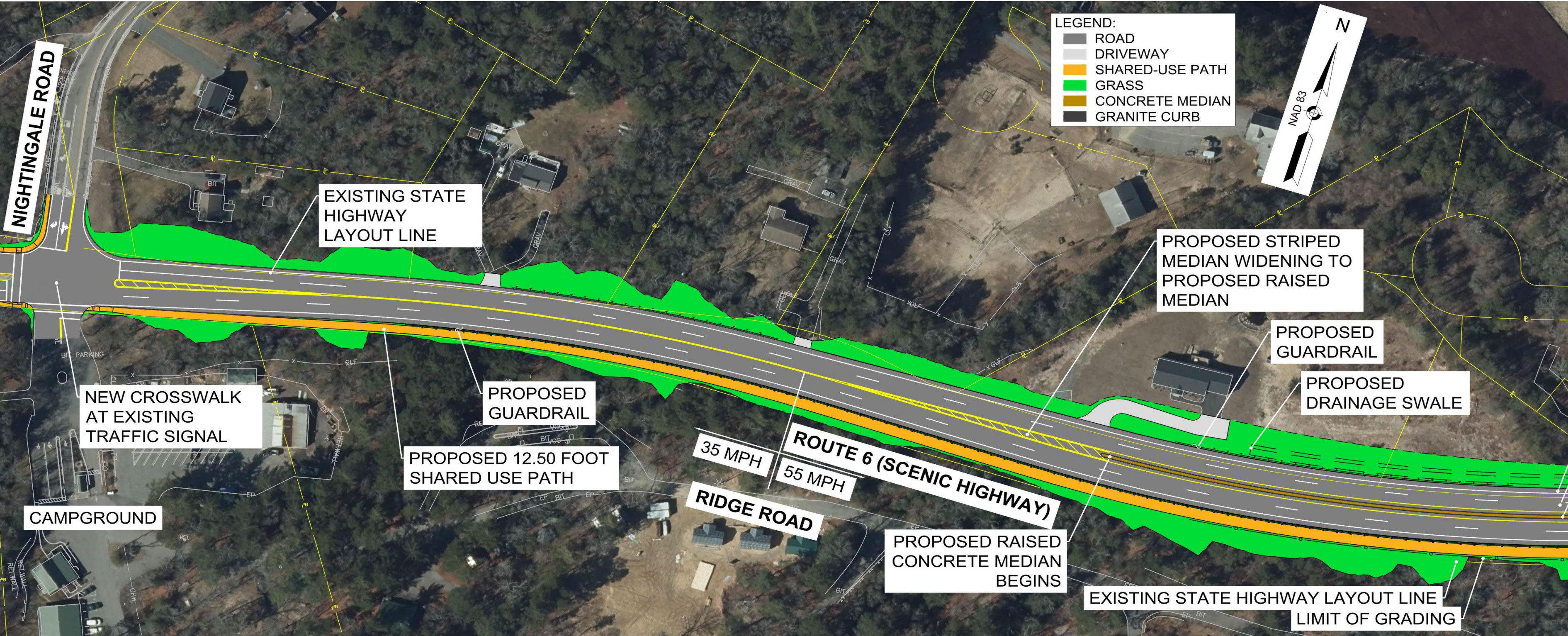
Preferred Alternative At-A-Glance Alternative No. 3



- 10' minimum width shared use path along Route 6 Eastbound
- Swale along Route 6 westbound
- Additional width for lanes and shoulders
- 4' wide raised median – no barrier
- Majority of widening into westbound hillside

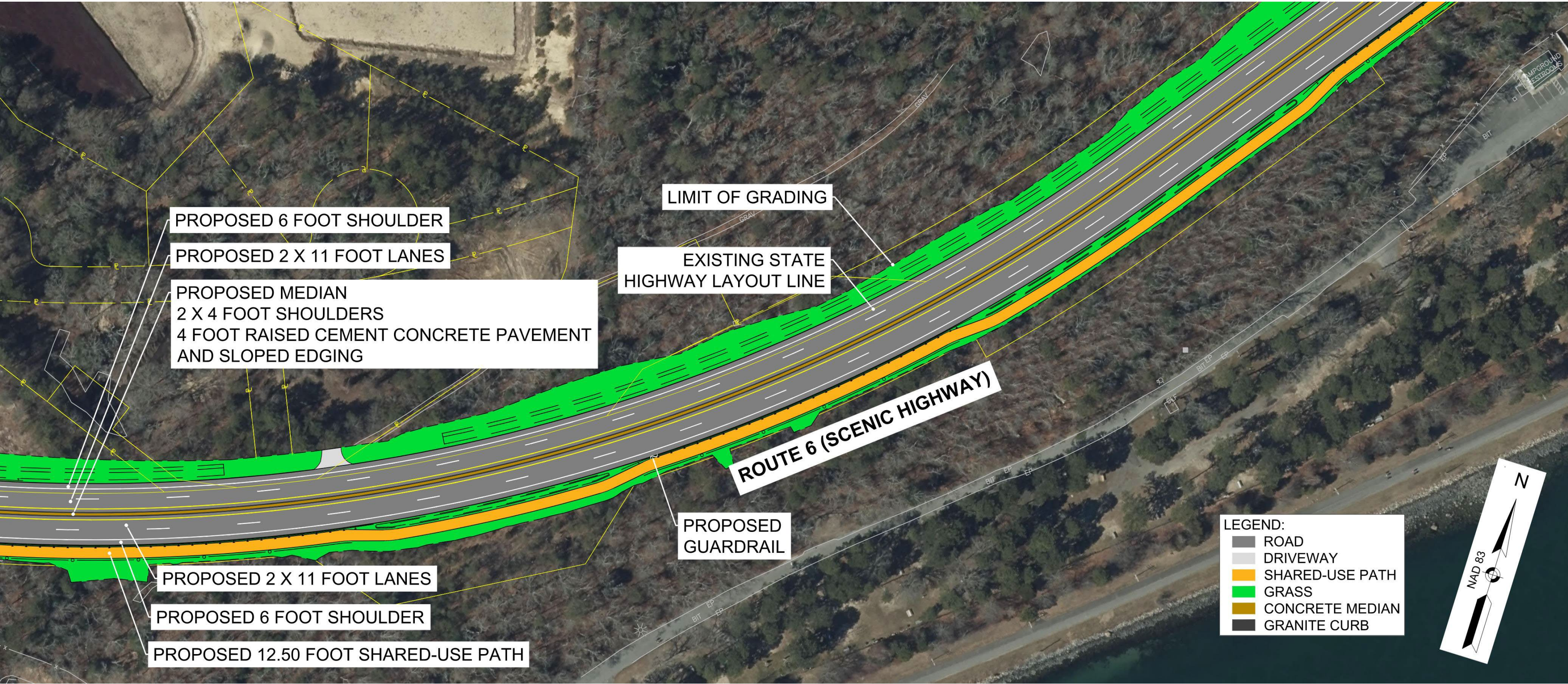
Preferred Alternative

Sheet 1 of 5



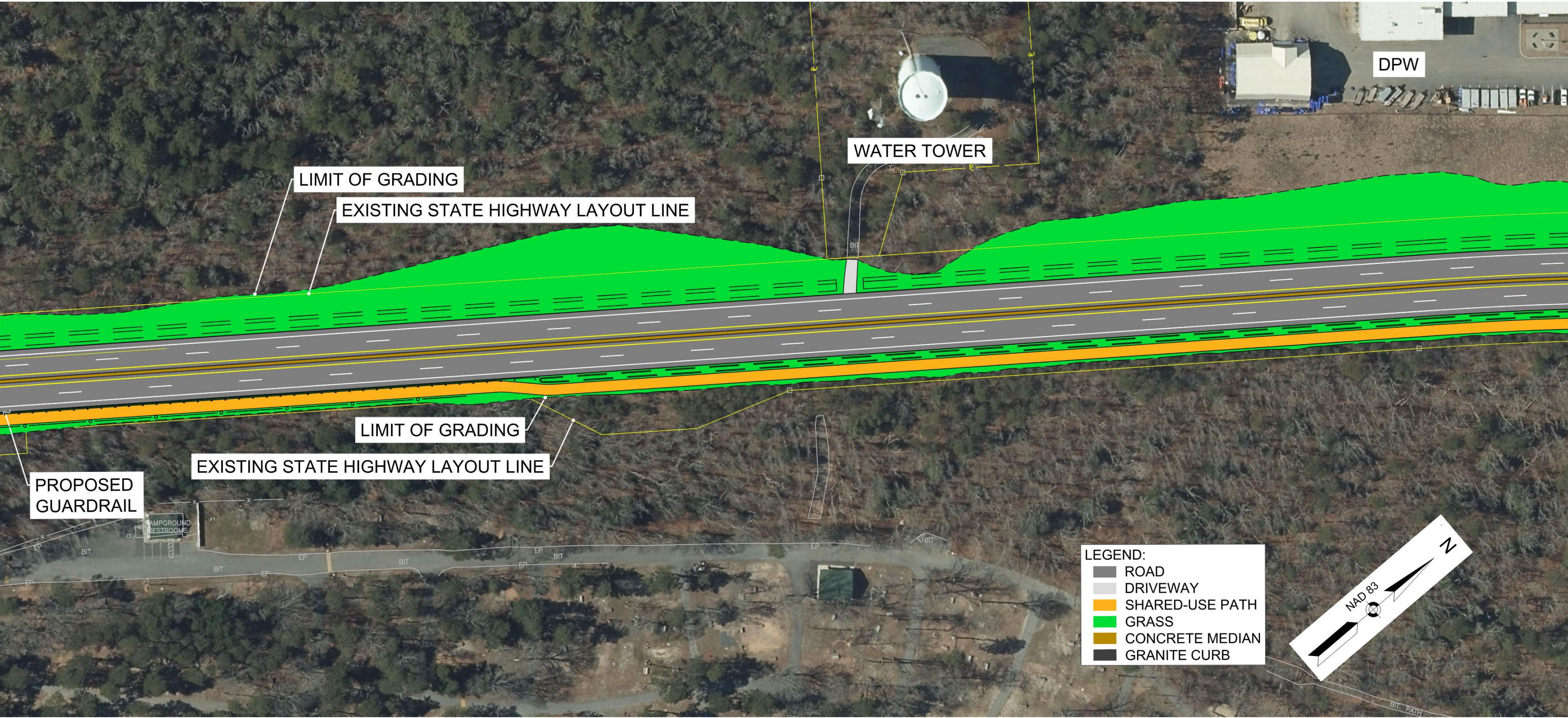
Preferred Alternative

Sheet 2 of 5



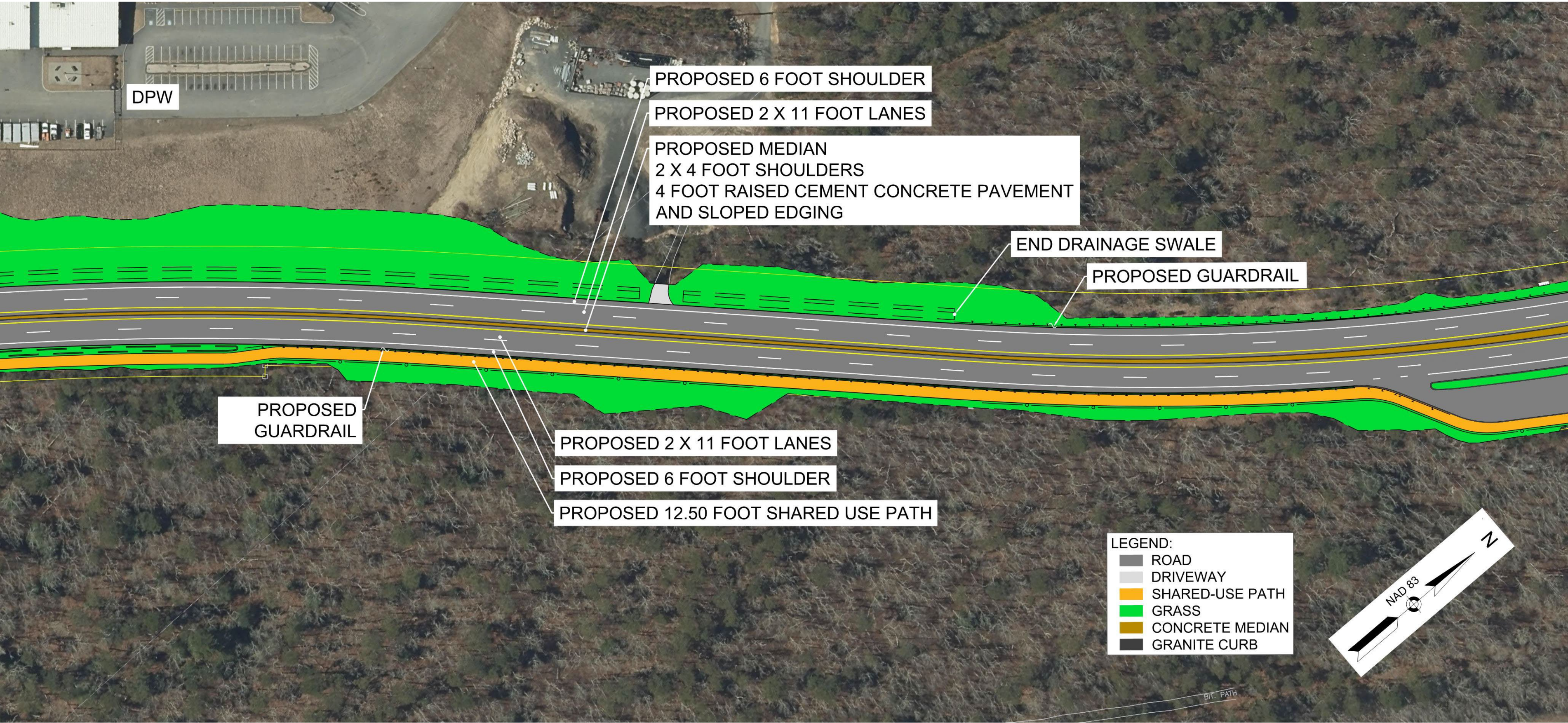
Preferred Alternative

Sheet 3 of 5



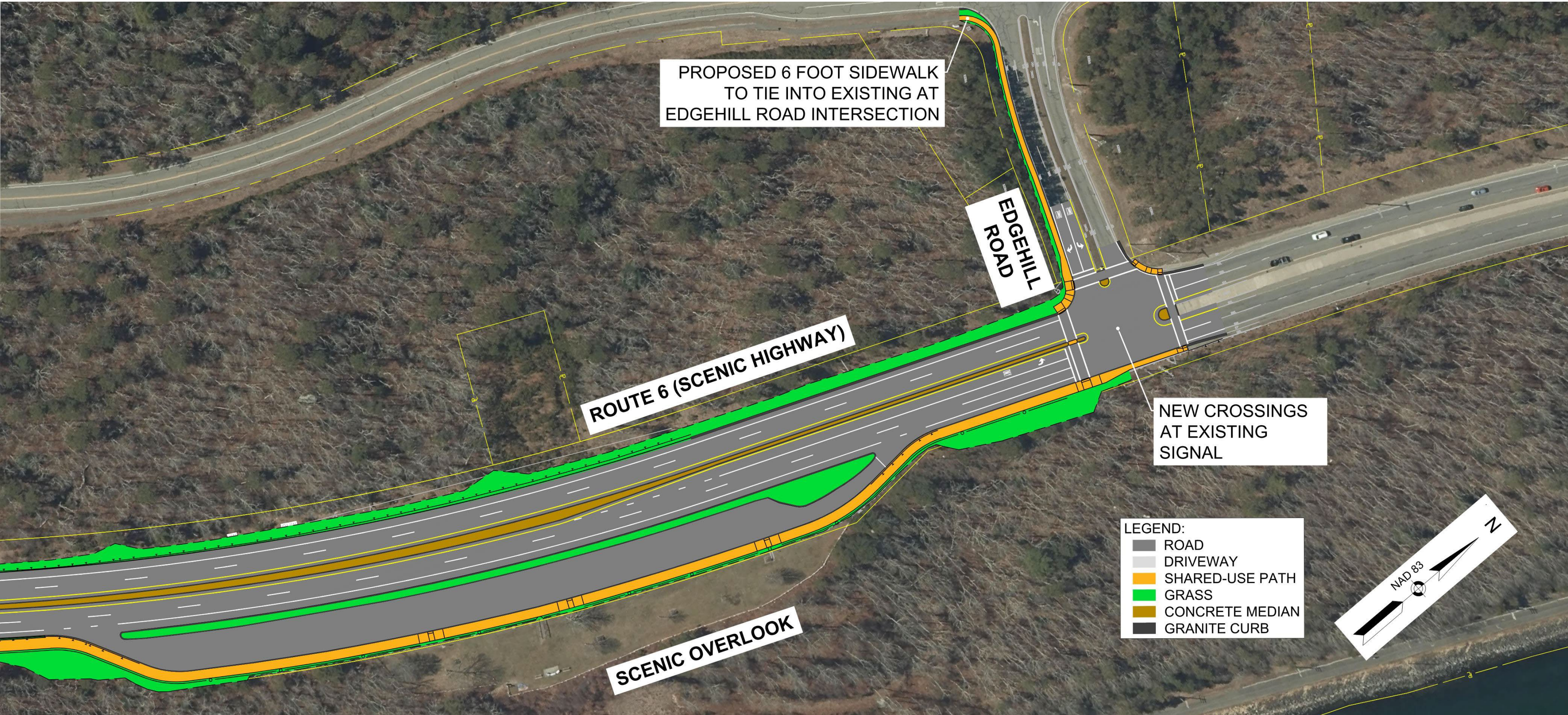
Preferred Alternative

Sheet 4 of 5



Preferred Alternative

Sheet 5 of 5





How has our
design
progressed?

Design Progression

- Project limits extended to Edgehill Road
 - Mill & Overlay
 - Shared-Use Path through Scenic Overlook
- Edgehill Road Intersection Upgrades
 - Crosswalks across all three legs
 - New traffic signal
- Waterline improvements
- Retaining walls along Eastbound to reduce slope impacts



**How will your
property be
impacted?**

Preliminary Right of Way (ROW) discussion

25% Design Public Hearing

- The Right of Way Bureau is responsible for acquiring all necessary rights in public land for design, construction, and implementation of this project.
- Affected property owners will be contacted by personnel from the Right of Way Bureau or consultants representing the Massachusetts Department of Transportation Highway Division.
- The procedures used must comply with state and federal regulations governing the acquisition process.
- The current design plan indicates that fee takings and permanent easements may/will be required. Other areas will require temporary construction easements.
- Affected property owners rights are protected under our Massachusetts General Laws, primarily Chapter 79. If a project is receiving federal funds, the property owners' rights are further defined under Title III of the Real Property Acts of 1970, as amended.

At this stage of design, the Right of Way process has not been finalized. This meeting is an opportunity for the public to comment on any impacts to properties.



**How will
bicyclists and
pedestrians
be impacted?**

Bicycle and Pedestrian Connections

- 10' Shared Use Path
 - Protected
 - Connection to Scenic Overlook
 - New crossing at Edgehill Road



- Path connections are coordinated with future canal area improvement projects



**What are the
environmental,
cultural
resource, and
community
impacts?**

Environmental Impact Evaluation

- **Wetlands and Biological Resources**
 - No impacts to regulated wetlands
- **Recreational and Cultural Resource Areas**
 - No impacts to Inventoried Property
 - No impacts to protected open space
- **Community Representation**
 - Expanded analysis of project impacts on all populations including impacts on low-income, minority, and limited English proficient populations
 - Coordination with Environmental Justice focused organizations and groups
 - Advanced project notice and opportunity for meaningful public engagement



**What is the
construction
approach?**

Construction Approach

- Stage 1 - Initial earthwork on Westbound slope will occur offline
- Stage 2 traffic will remain in existing lanes
- Stage 3 traffic will be shifted to the north
- Stage 4 WB traffic remains the same as Stage 3, EB traffic is shifted to the south
- How will the road user be impacted?
 - All traffic lanes are being maintained
 - No lane restrictions or impacts
 - No detours anticipated
 - Maintains existing bicycle and pedestrian accommodations at Nightingale Road



Our anticipated next steps



75% Design
Submission
Fall 2023



100% Design
Submission
Winter 2023



Final Design
Submission
Spring 2024



Project Advertisement
Anticipated 2025



Begin Construction
Anticipated Spring
2025



**How will we
keep you
informed?**

How to reach us

- Submit email comments to: MassDOTProjectManagement@dot.state.ma.us
- For project information visit the MassDOT Upcoming Events for Highway Division web site at
<http://www.mass.gov/orgs/highway-division/events> or used the QR Code:
- Submit written comments to:
Carrie Lavalley, P.E., Chief Engineer
MassDOT
10 Park Plaza
Boston, MA 02116
Attention: Highway Design, PROJECT FILE NO. 606082



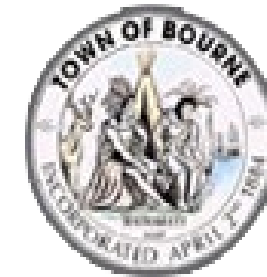
Thank You for Your Support

Municipal Partners:

- Town of Bourne
- Bourne Council on Aging
- Bourne Disability Commission

Community Organizations:

- Cape Cod Planning Commission
- Cape Cod Chamber of Commerce
- Cape Cod Young Professionals
- Hyannis Youth and Community Center
- Registry of Motor Vehicles
- Steamship Authority



Town of
BOURNE *Massachusetts*



CAPE COD
COMMISSION



CONVENTION & VISITORS BUREAU



REGISTRY OF MOTOR VEHICLES





**Questions and
answers**

Questions and Answers



- “Raise your hand” to be unmuted for verbal questions (Alt + Y)



- Submit your questions and comments using the Q&A button (Alt + H)



- Please state your name before your question



- Please share only 1 question or comment at a time, limited to 2 minutes, to allow others to participate



- To ask a question via phone, dial *9 and the moderator will call out the last 4-digits of your phone number and unmute your audio when it is your turn



- Please take a few minutes to complete the survey after the meeting to let us know how your experience was with this virtual meeting

All questions and comments are subject to disclosure for public records. Please use these functions for project related business only.



Thank You

Bourne Scenic Highway

June 8th, 2023

Project No. 606082

MassDOTProjectManagement@dot.state.ma.us

Existing Environmental Resources and Demographics

