

Nashua-Merrimack-Bedford 13761 F.E. Everett Turnpike (FEET) Widening

Public Informational Meeting
Spring 2018



McFarland Johnson

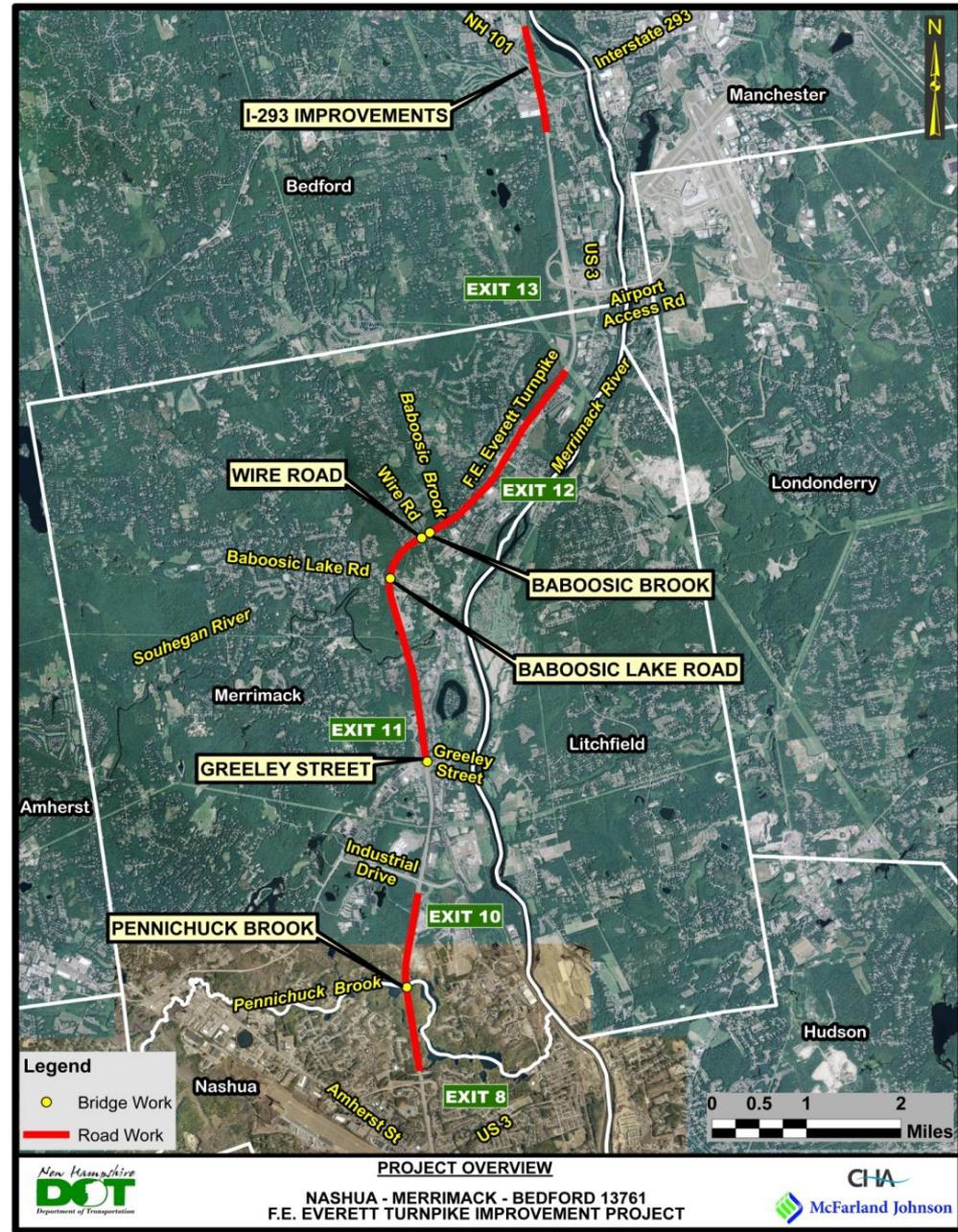


Presentation Topics

- Overview
- Need
- Project segments
- Environmental Study
- Key public outreach efforts
- Cost
- Process and schedule
- Questions and comments

Overview

- Widening to three lanes each direction
- Three segments
- Five bridges evaluated
- No modifications to tolls or interchanges
- Environmental study



Need

- Improve mobility
- Congestion relief
- Improve safety
- Improve bridges and structures



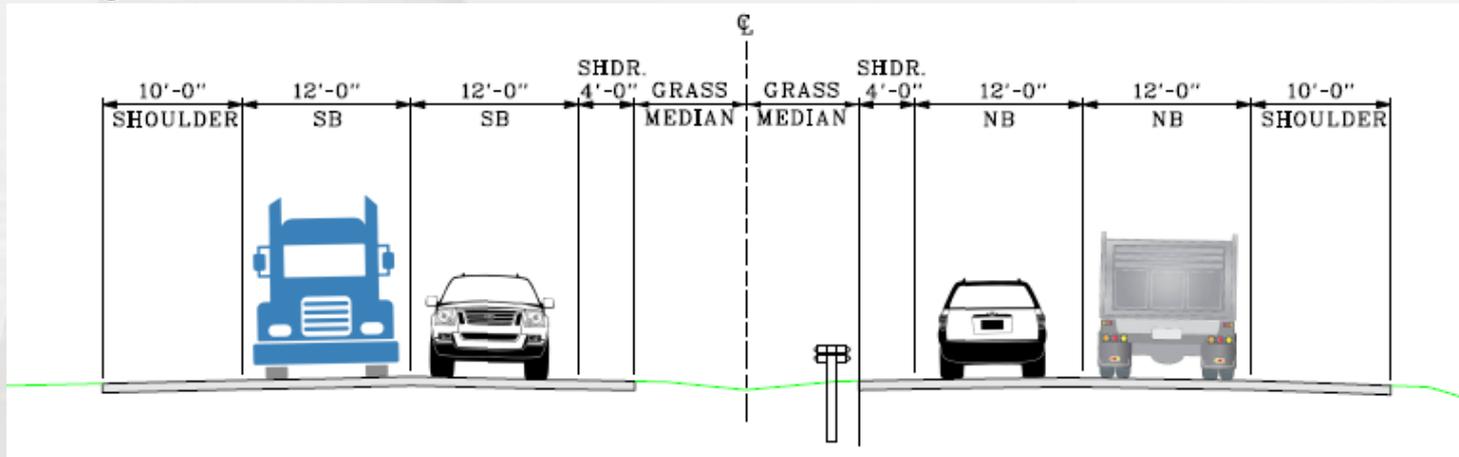
Level of Service (LOS) D:
Unstable flow on FEET



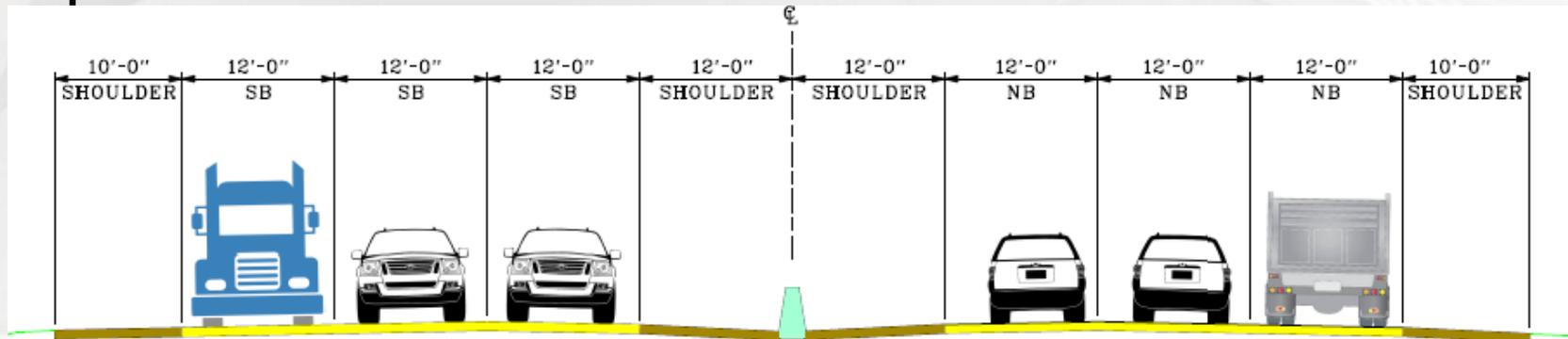
Level of Service (LOS) D:
FEET at or near capacity

Increased Capacity

Existing Condition



Proposed Condition



Southern Segment Nashua and Merrimack

- Exit 8 in Nashua to Exit 10 in Merrimack
- Approximately 1.7 miles
- Pennichuck Brook Bridges



Southern Segment



Bridges (two) over Pennichuck Brook
(Drinking water supply for Nashua)

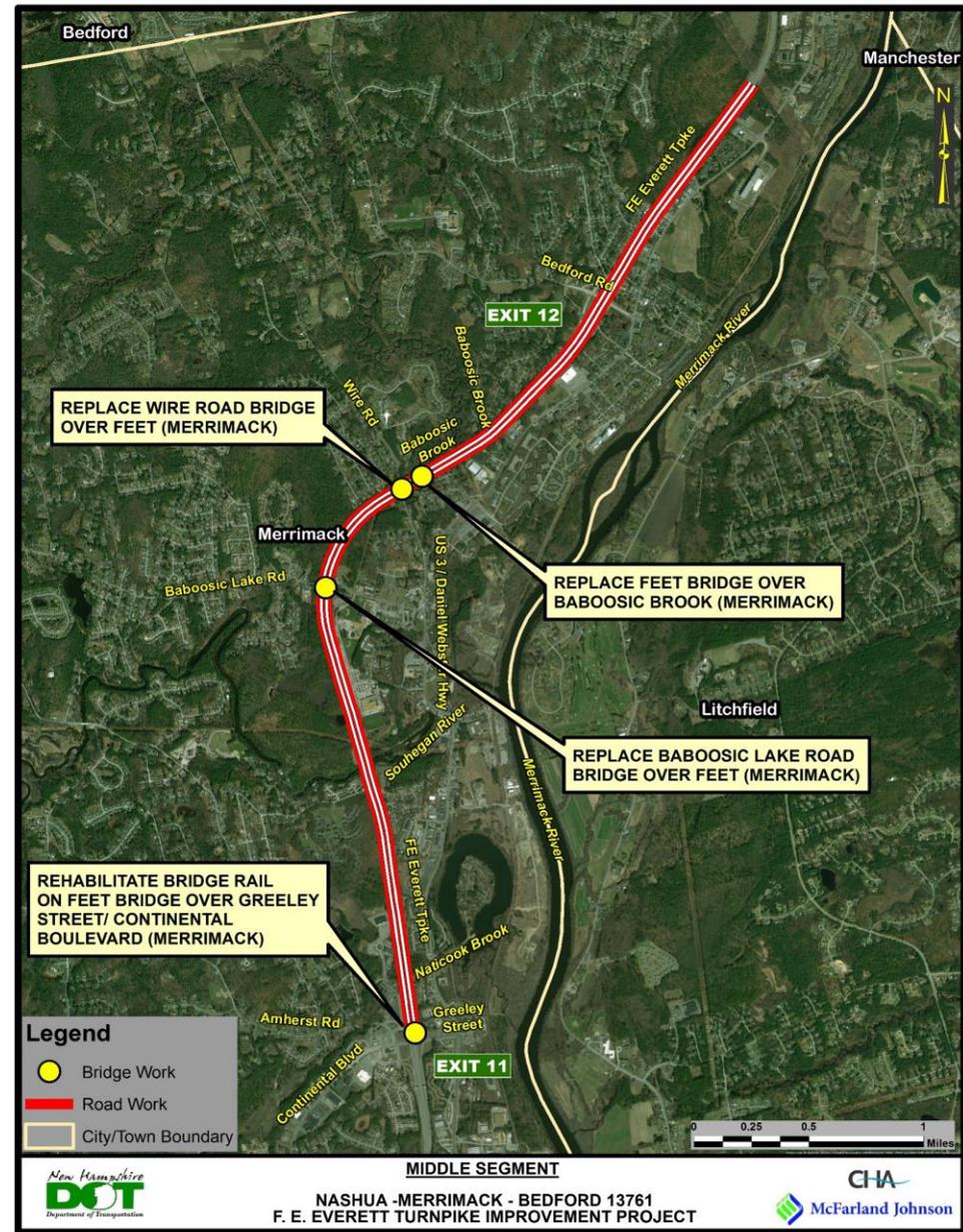
Southern Segment



Replace Pennichuck
Bridges with one bridge

Middle Segment Merrimack

- Exit 11 to southerly limits of Exit 13 (Bedford toll) Interchange
- Approximately 5.1 miles
- Wire & Baboosic Lake Road Overpass Bridges
- Baboosic Brook Bridge



Middle Segment Merrimack



Exit 11 Merrimack / Greeley Street Bridge

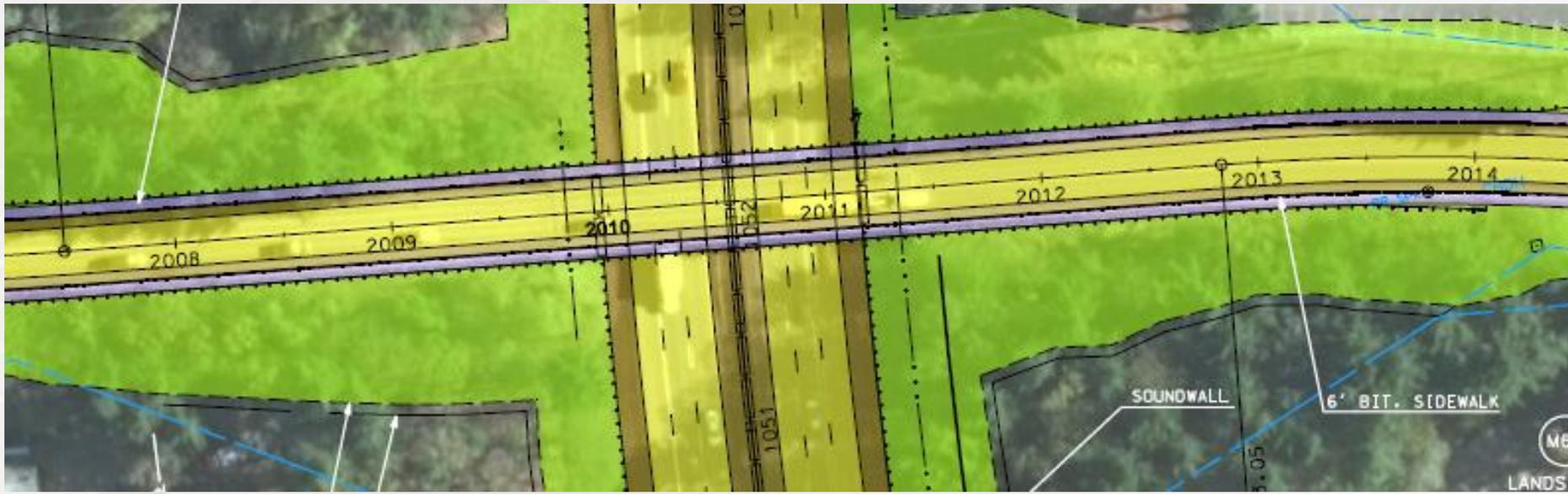
Middle Segment Merrimack

Replace Baboosic Lake
Road Bridge over FEET
("Red List" Bridge)



Baboosic Lake Road Bridge

Baboosic Lake Road over FEET



Baboosic Lake Road: Replace bridge on existing alignment while maintaining two lanes of traffic utilizing a temporary bridge.

Middle Segment Merrimack

Replace Wire Road
Bridge over FEET



Wire Road Bridge

Wire Road over F.E. Everett



Wire Road: New bridge to be built to the north, while maintaining one way alternating traffic on existing bridge.

Middle Segment Merrimack

Replace FEET over
Baboosic Brook
Bridge



FEET over Baboosic Brook

Middle Segment Merrimack

FEET over Souhegan
River

(Merrill's Marauders Bridge)

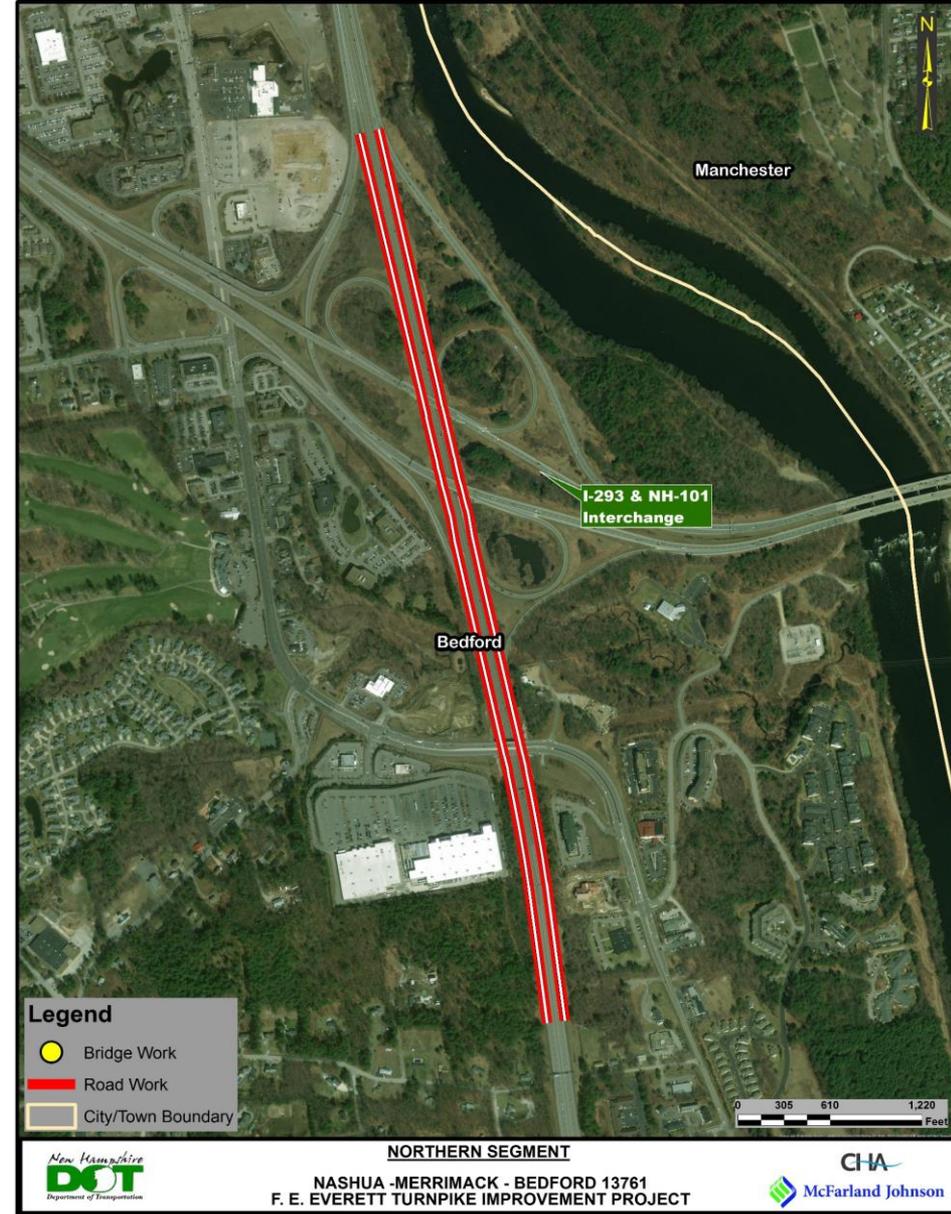
- Already built to accommodate a third lane



Merrill's Marauders Bridge

Northern Segment Bedford

- Northerly limits of Exit 13 (Bedford toll) Interchange through the I-293 Interchange in Bedford
- Approximately 1.3 miles



Northern Segment Bedford



Route 3 over FEET



I-293 Interchange

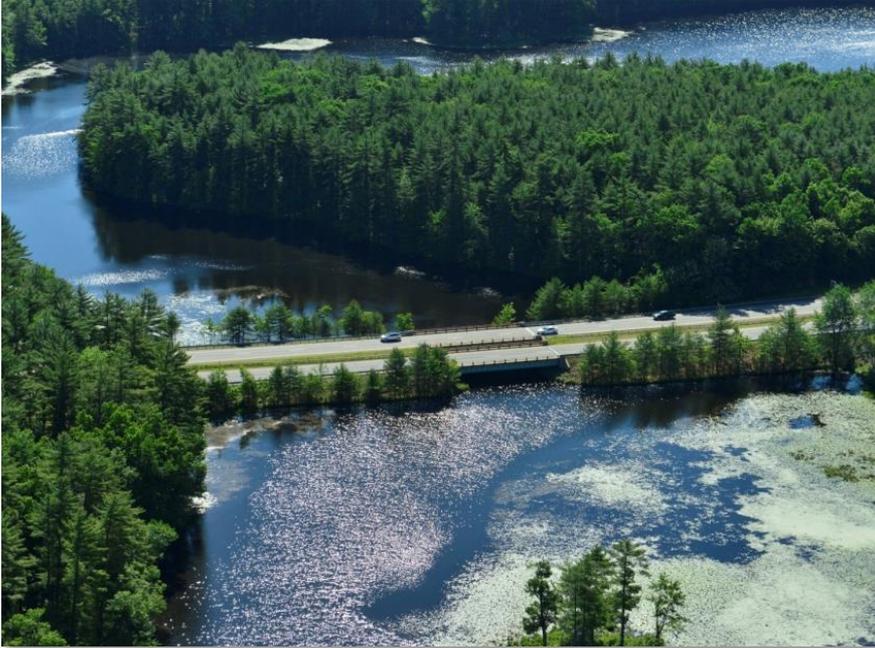
Environmental Study - Process

1. Agency and public consultation
 - Regulatory agencies
 - City / Town / Regional planning
 - Public input (public meetings and website)
2. Inventory of resources and socio-economic conditions
3. Determination of impacts (beneficial and adverse)
4. Environmental Study published (Summer 2018)
5. Public review and comment period
6. Public Hearing

Environmental Study - Resources

- Wetlands and Waters
- Water Quality
- Groundwater
- Floodplains
- Wildlife and Rare Species
- Conservation Lands
- Historic Structures
- Archaeological Resources
- Contaminated Sites
- Noise
- Air Quality
- Land Use, Zoning, Public Policy
- Visual Resources
- Socio-Economic Resources
- Secondary Impacts
- Cumulative Impacts

Wetlands and Waterways



Pennichuck Brook



Vernal Pool

Total impact estimated at less than 2.0 acres

Water Quality



Water quality treatment swale

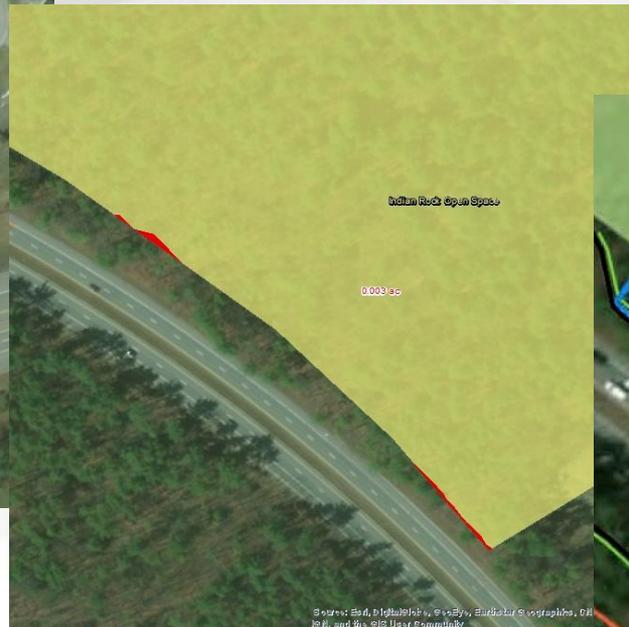


Water quality treatment structure

Corridor to be upgraded to meet current standards and pollutant removal criteria

Conservation Lands

- Birches Open Space (0.09 acres)
- Indian Rock Open Space (<0.01 acres)
- Dumpling Brook Wildlife Management Area (0.59 acres)
- Mini Cooper Lot (TBD)



Noise Evaluation

- Noise – evaluated entire corridor from Exit 8 in Nashua to the I-293 Interchange in Bedford
- Used Federal Traffic Noise Model
- Noise impacts identified
- Noise barriers modeled
- Six noise barriers are feasible and reasonable



Historic Resources

- Project may affect resources on or eligible for the National Register of Historic Places
- Opportunity for individuals and organizations to become Consulting Parties
- Let us know after meeting if you wish to become a Consulting Party

Key Public Outreach Efforts



- Public officials meetings
- Consultation with stakeholders
- Public informational meetings
- Newsletter
- Project website
- Agency consultation meetings
- Public comment period on the Environmental Study
- Public Hearing

Cost (in 2018 dollars)

Engineering	\$13,000,000
Right-of-Way	\$6,800,000
<u>Construction</u>	<u>\$114,000,000</u>
Total	\$133,800,000

Process and Schedule

- Environmental Study published 2018 (summer)
- Public Hearing in 2018
 - Finding of Necessity
- Final Design to occur 2018 to 2020
 - Public meetings
 - Work with municipalities (utilities, agreements, etc.)
 - Right-of-Way process
 - Agency permitting (State and Federal approvals)
 - Project(s) are bid and awarded
- Construction to start 2022

Thank you!

Questions and Comments

Visit

www.EverettTurnpikeWidening.com

for more information on the project