

# Proposed Project 012-003

Improvements to Bolton Notch  
Town of Bolton



# Connecticut Department of Transportation Representatives

## Division of Highway Design

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# Agenda for Tonight's Meeting

- Discuss Proposed Shared-use Path Project
  - Present Modifications from Original Alignment
- Present Proposed Relocation of Route 6 Eastbound
- Present Proposed Relocation of Notch Road at Route 6/44
- Summary of Proposed Project
- Questions/Comments



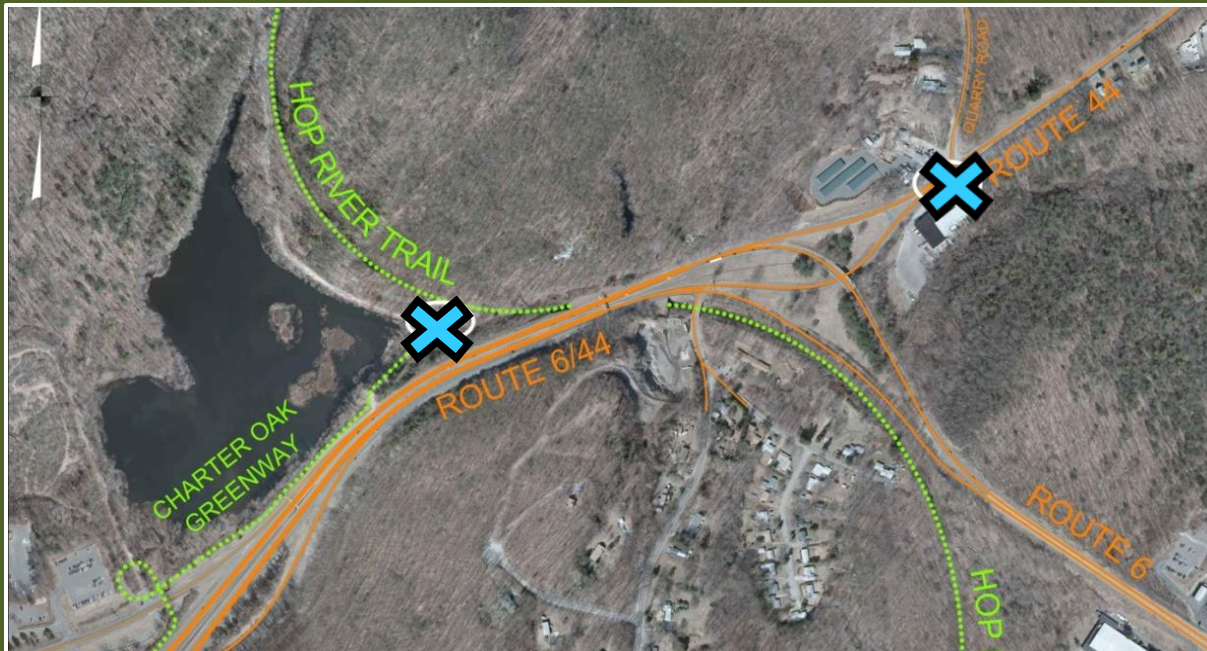




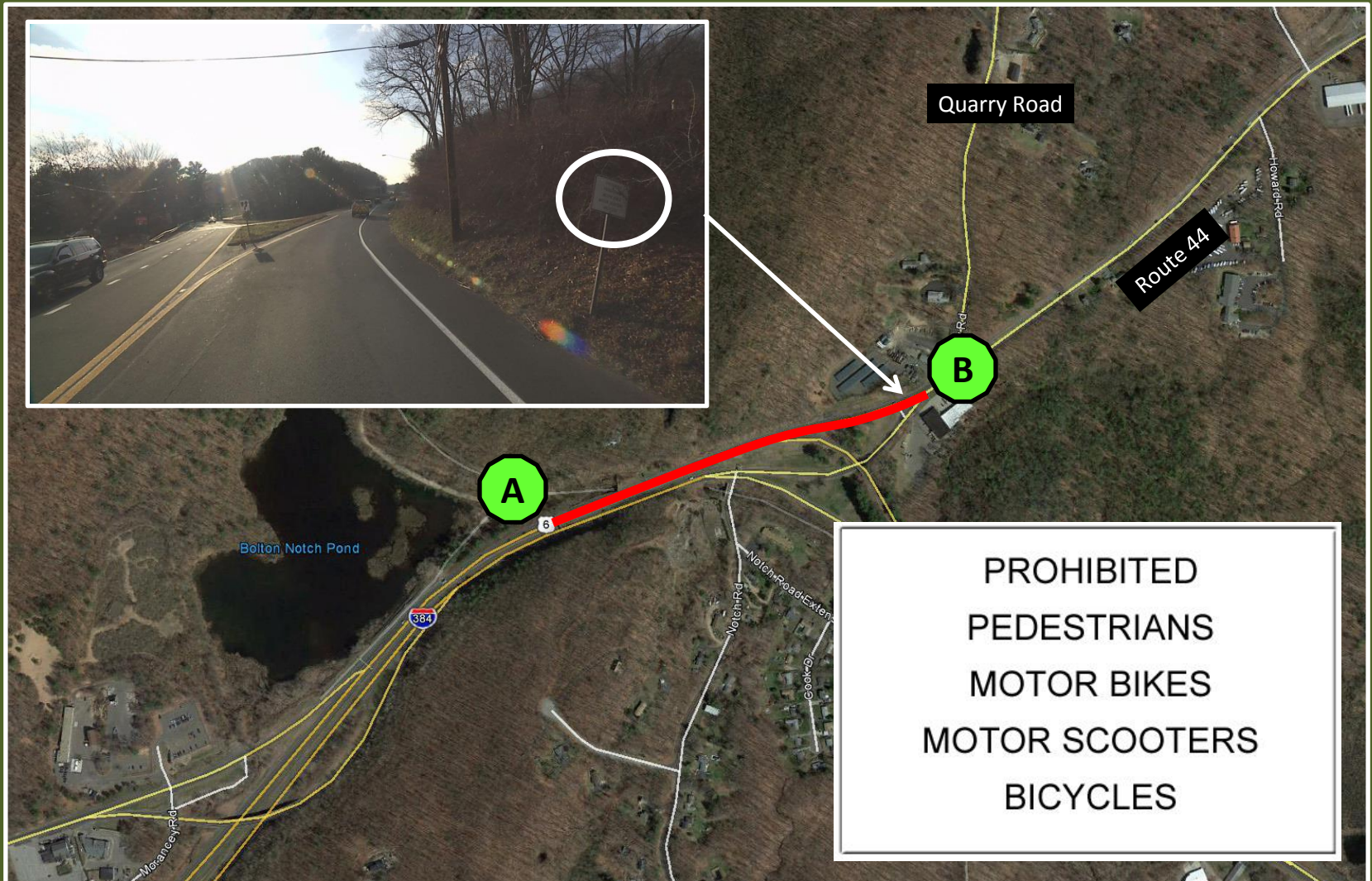
# Proposed Project Shared-use Path

# Shared-Use Path Background

- During the Public Involvement phase for Project 12-96, residents and Town Officials asked that the Department extend the limits of the shared use path to Quarry Road and the Post Office Plaza on Route 44.
- After discussions with Town Officials and CRCOG, a feasibility study was initiated to investigate possible connections between the two points.
- In November 2016, the Department presented the findings of the Feasibility Study to the public to solicit feedback on the preferred alignment.

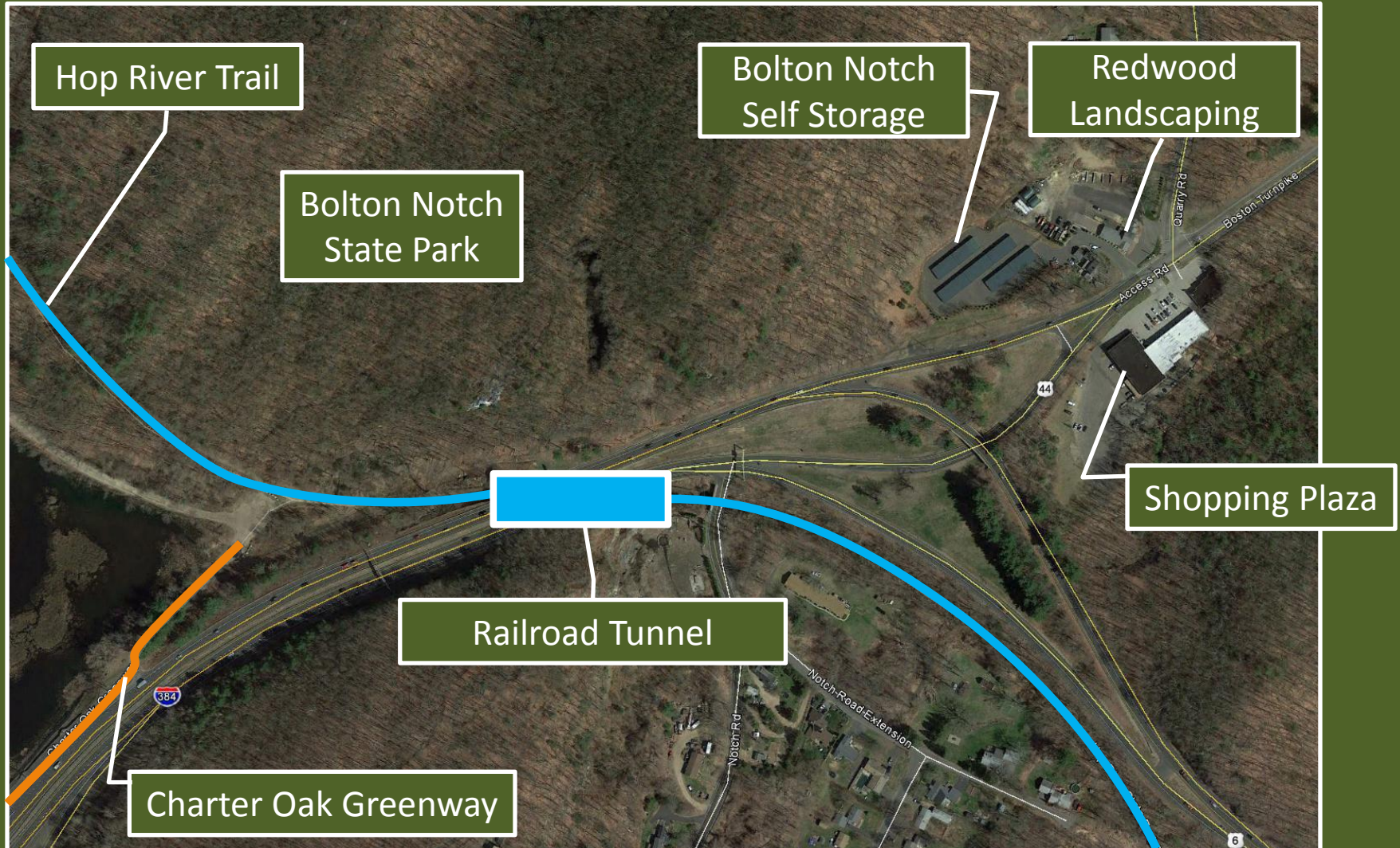


# Shared-Use Path Background



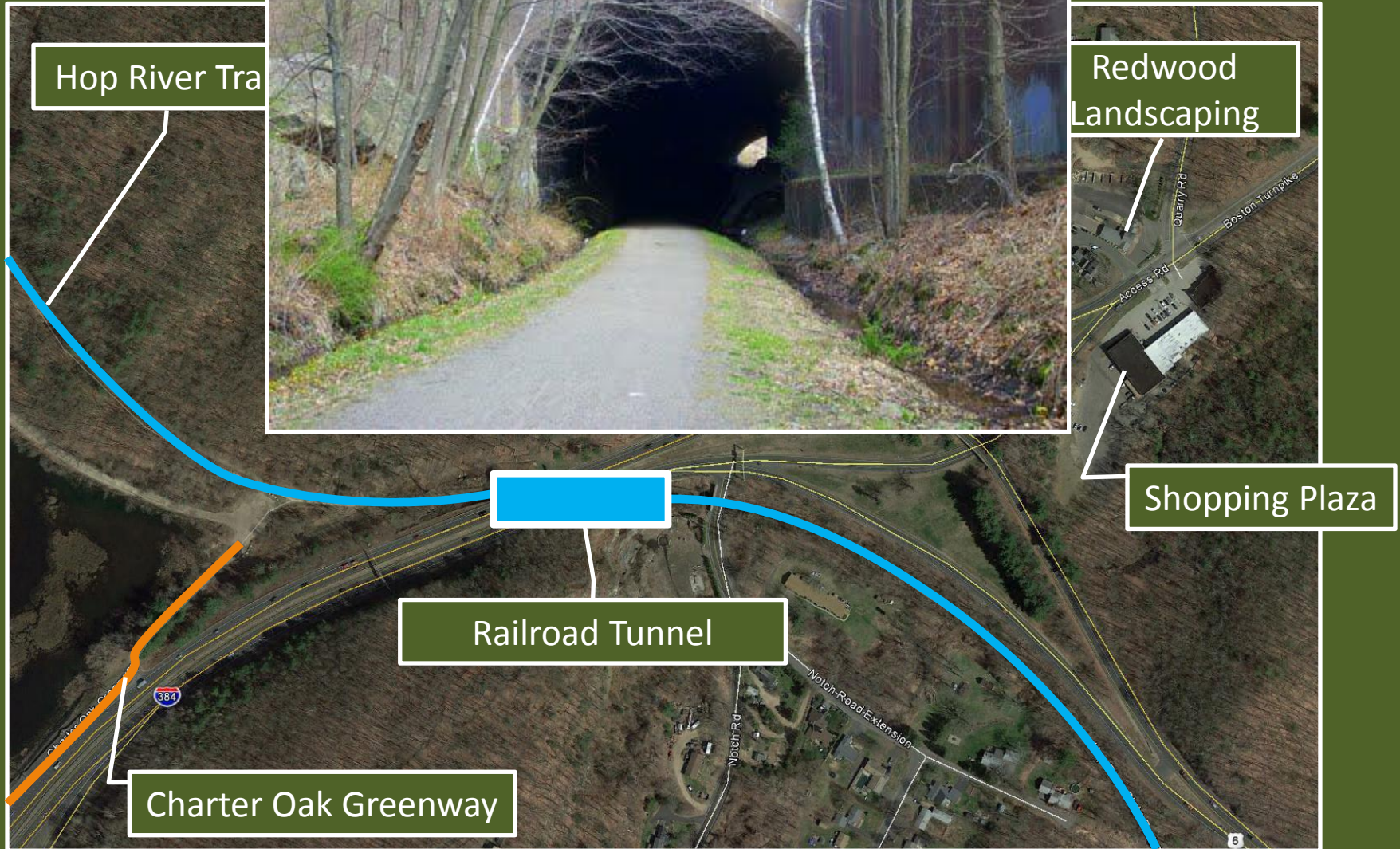


# Proposed Project Location



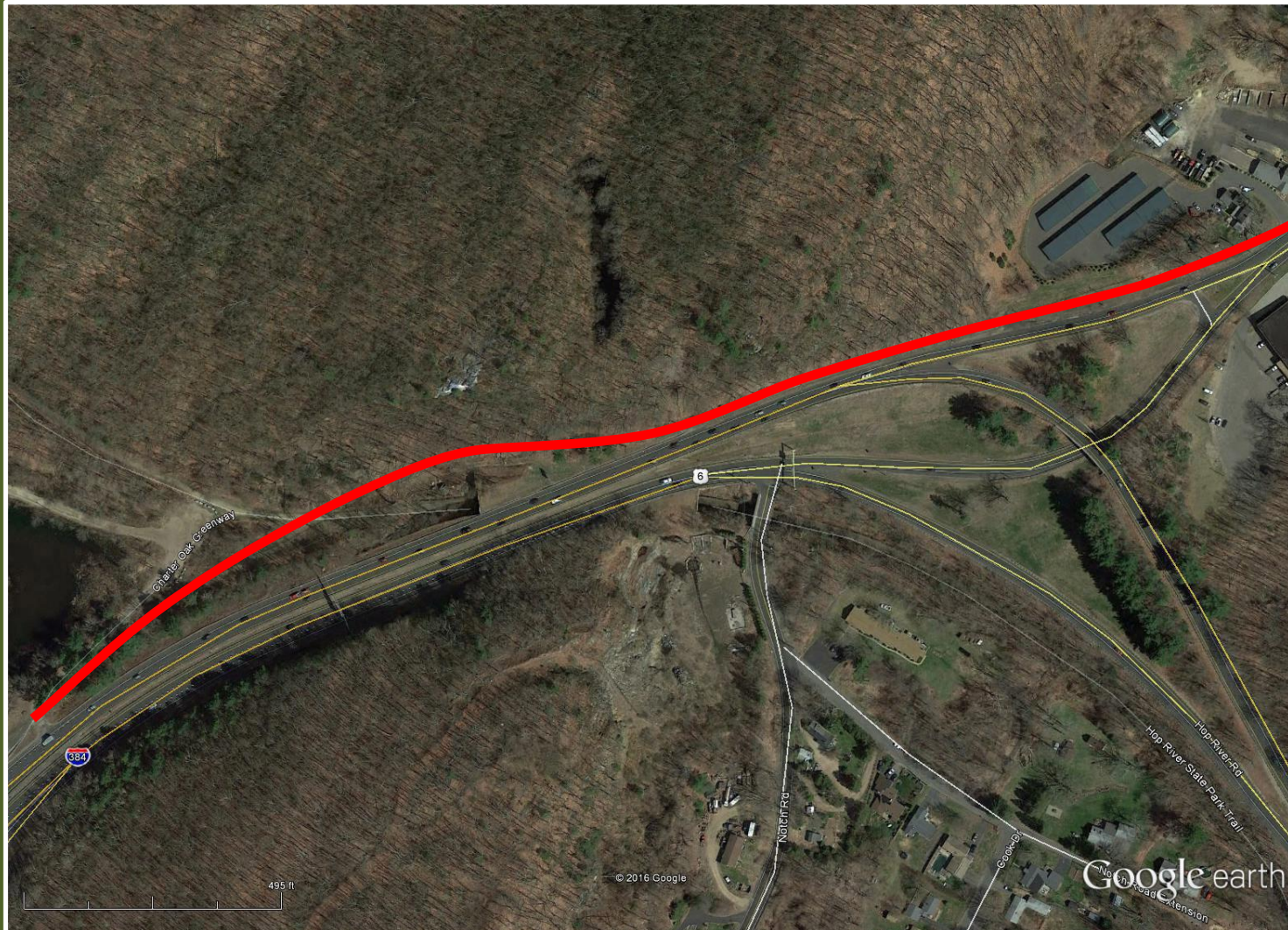


# Proposed Project Location





# Roadside Features





# Roadside Features





# Roadside Features





# Roadside Features





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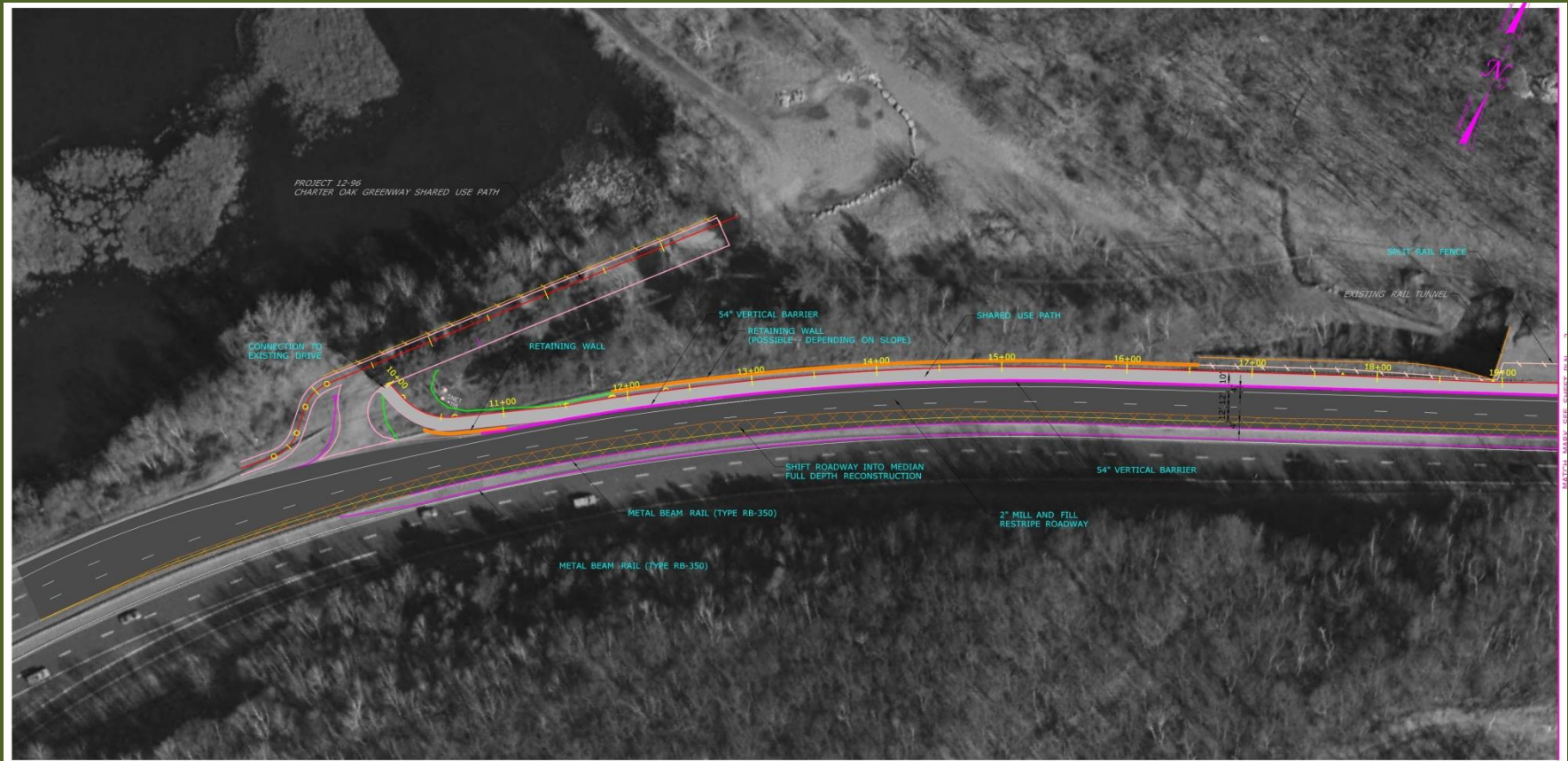


# Design Considerations

- Safety
- American Disabilities Act (ADA) Compliance
- Right of Way Impacts
- Length of Connector Path
- Utility Impacts
- Environmental Impacts
- Historical/Cultural Impacts
- Costs

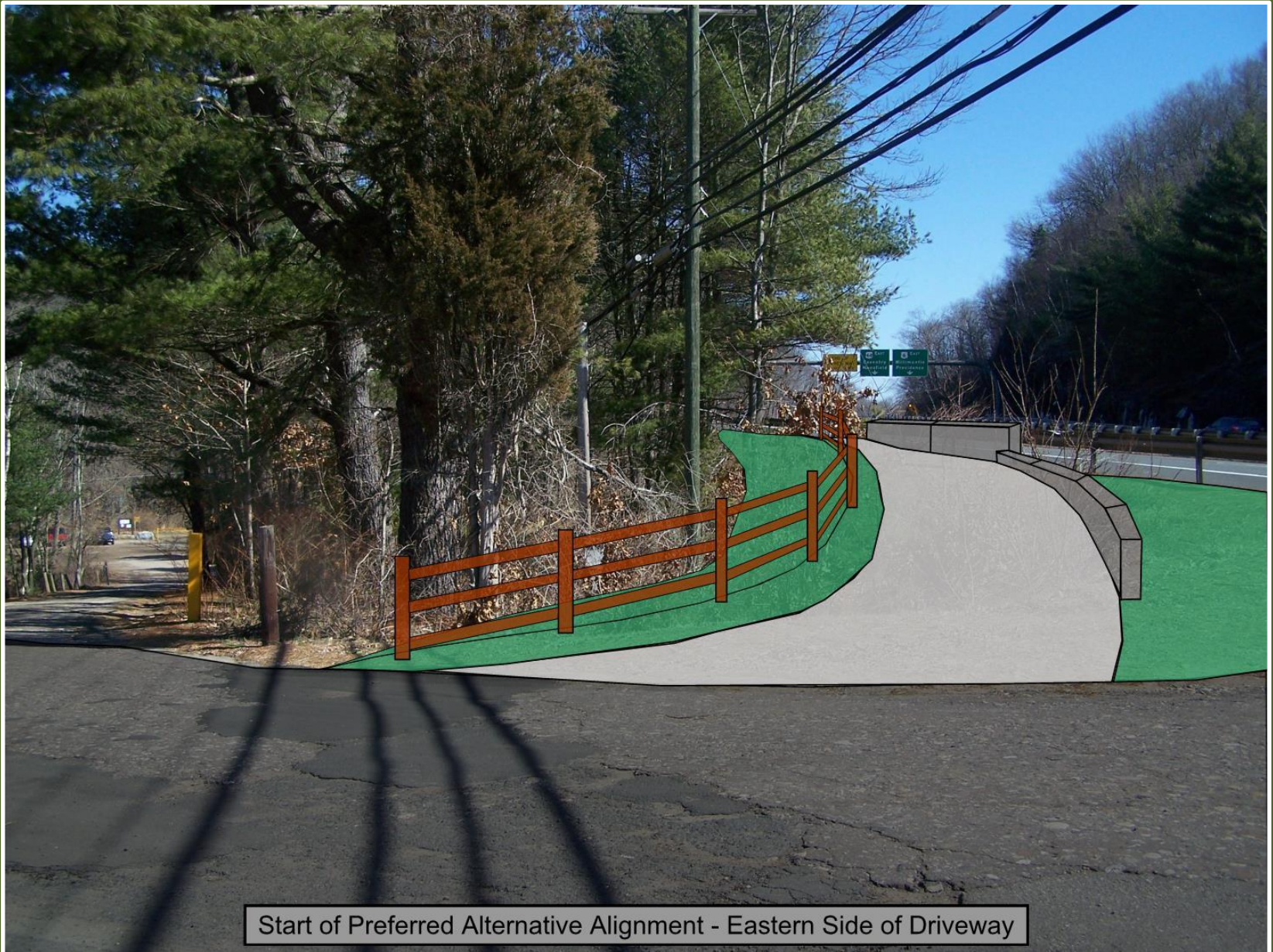


# Shared Use Path Alignment





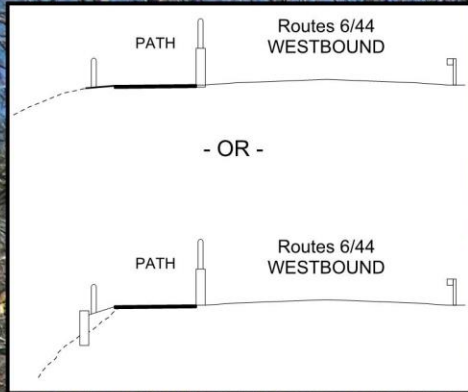
# Shared Use Path Alignment



Start of Preferred Alternative Alignment - Eastern Side of Driveway

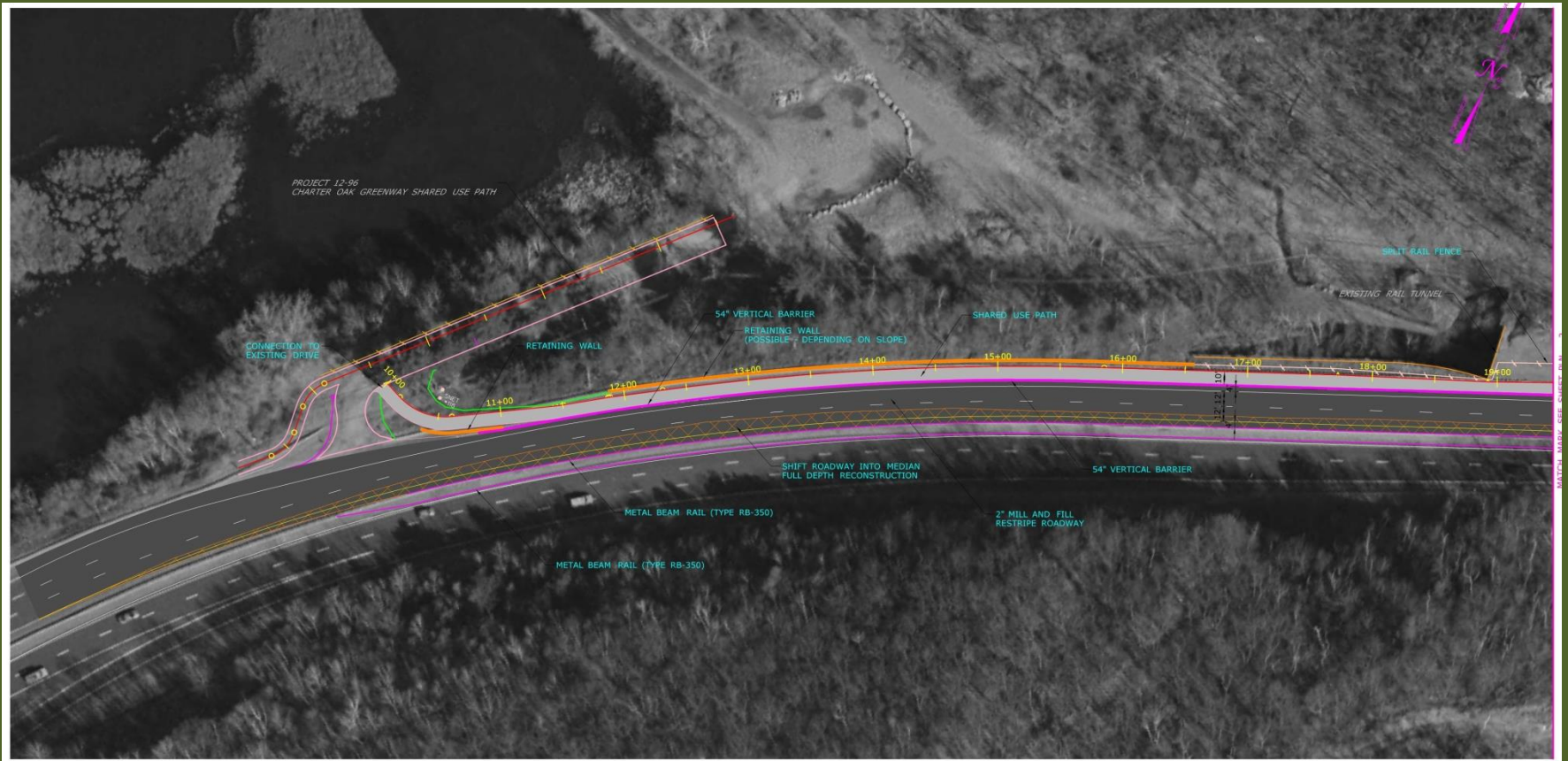


# Shared Use Path Alignment



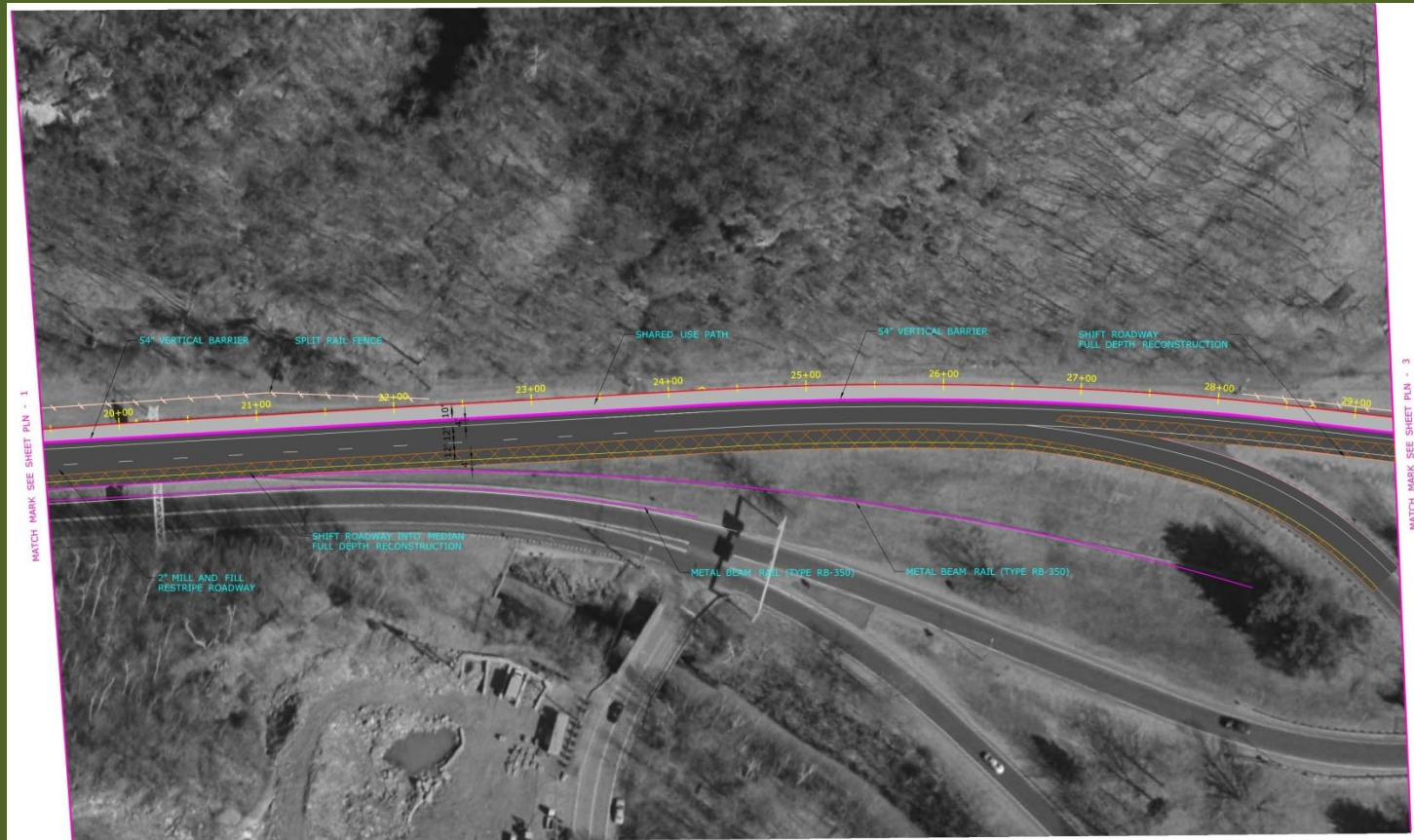


# Shared Use Path Alignment



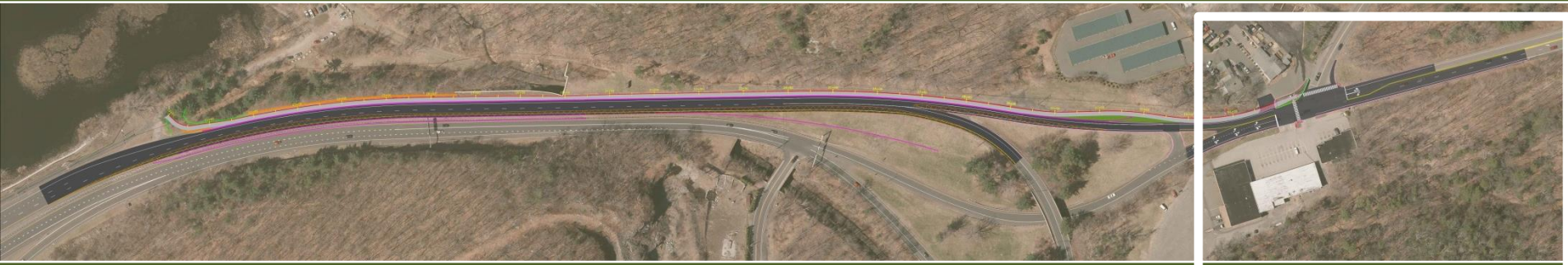


# Shared Use Path Alignment





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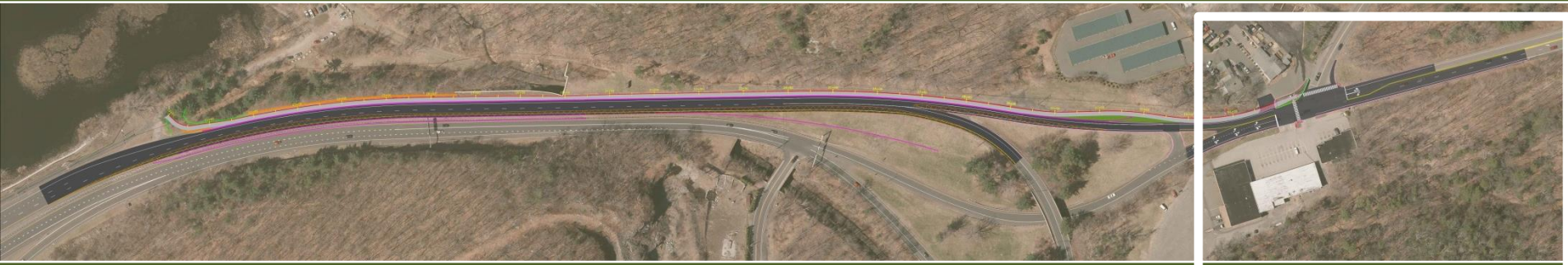


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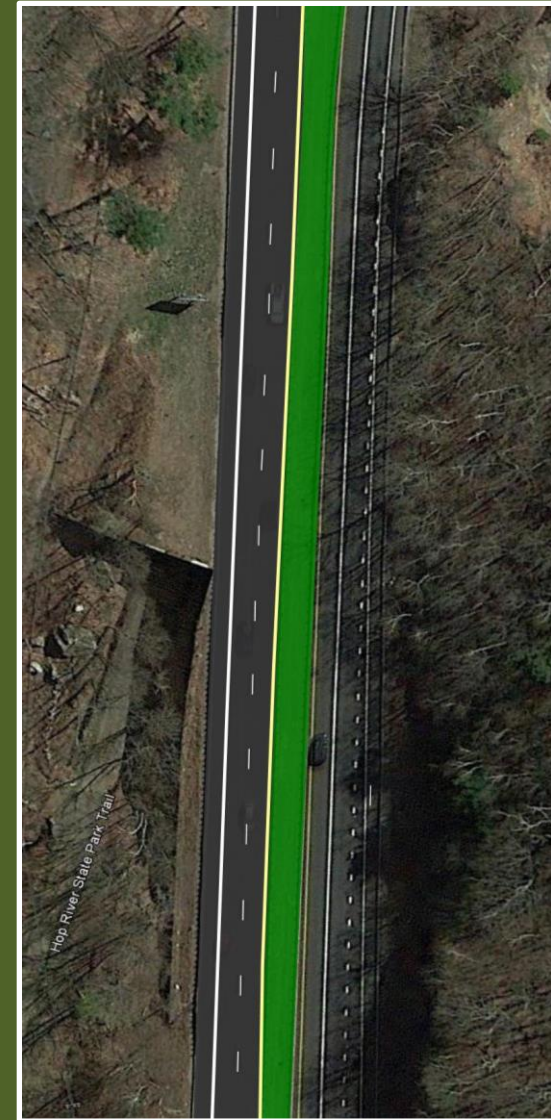




# Impacts on Existing Roadway

Impacts to the existing roadway:

- Route 6/44 Westbound will be shifted into the existing grass median.





# Impacts on Existing Roadway

## Impacts to the existing roadway:

- Route 6/44 Westbound will be shifted into the existing grass median.
- Shoulder widths to be reduced
- Grass median width to be reduced
- Traffic signal modifications will be necessary at Quarry Road

All modifications will conform with CTDOT design standards.





**Proposed Project**  
**Route 6 and**  
**Notch Road Realignment**

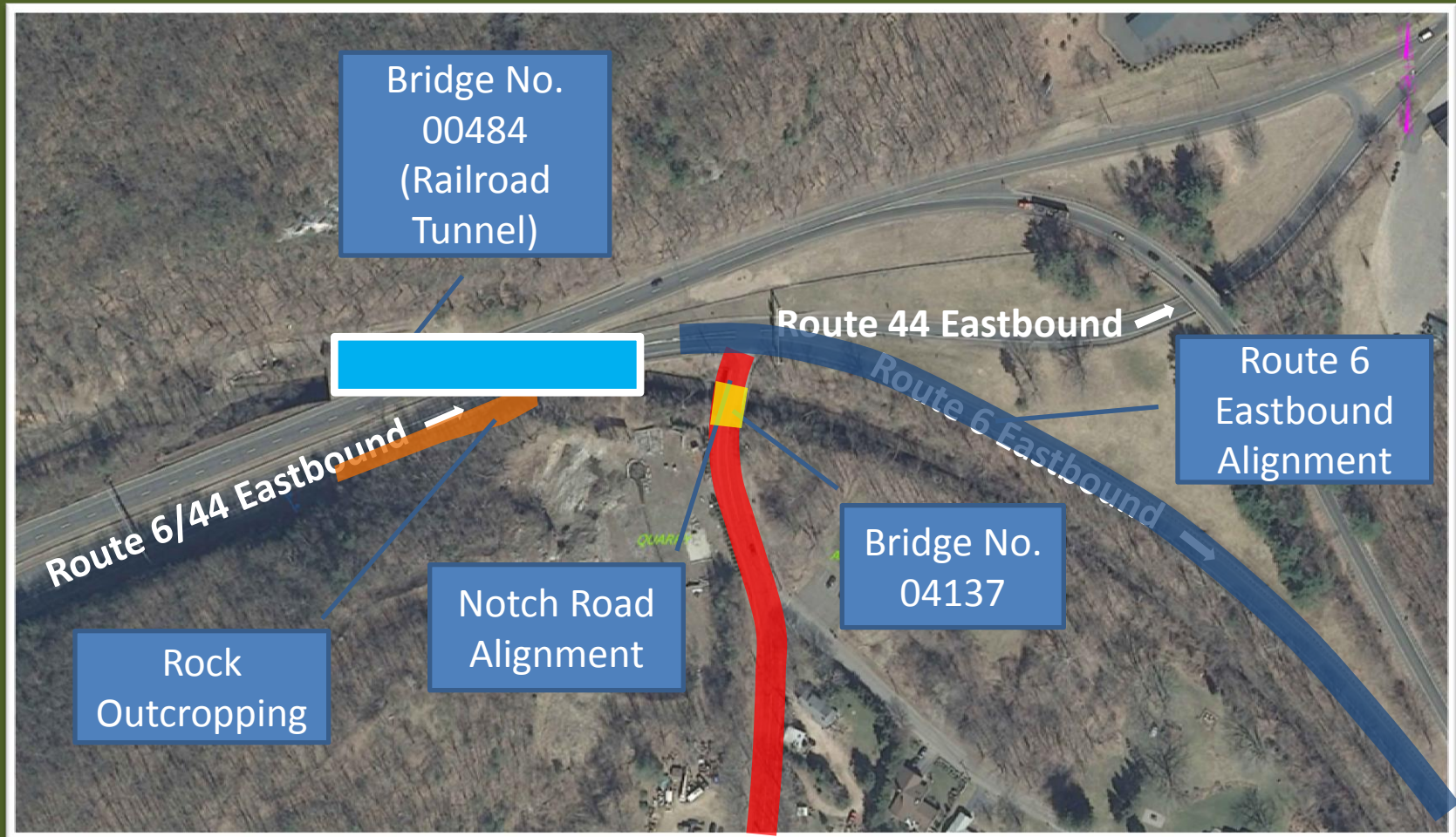


# Roadway Background

- Crash History
- Poor roadway geometry on Route 6 Eastbound
- Poor roadway geometry on Notch Road exiting to Route 6/44
- Concerns regarding obstructed sightlines



# Routes 6/44 Eastbound at Notch Road

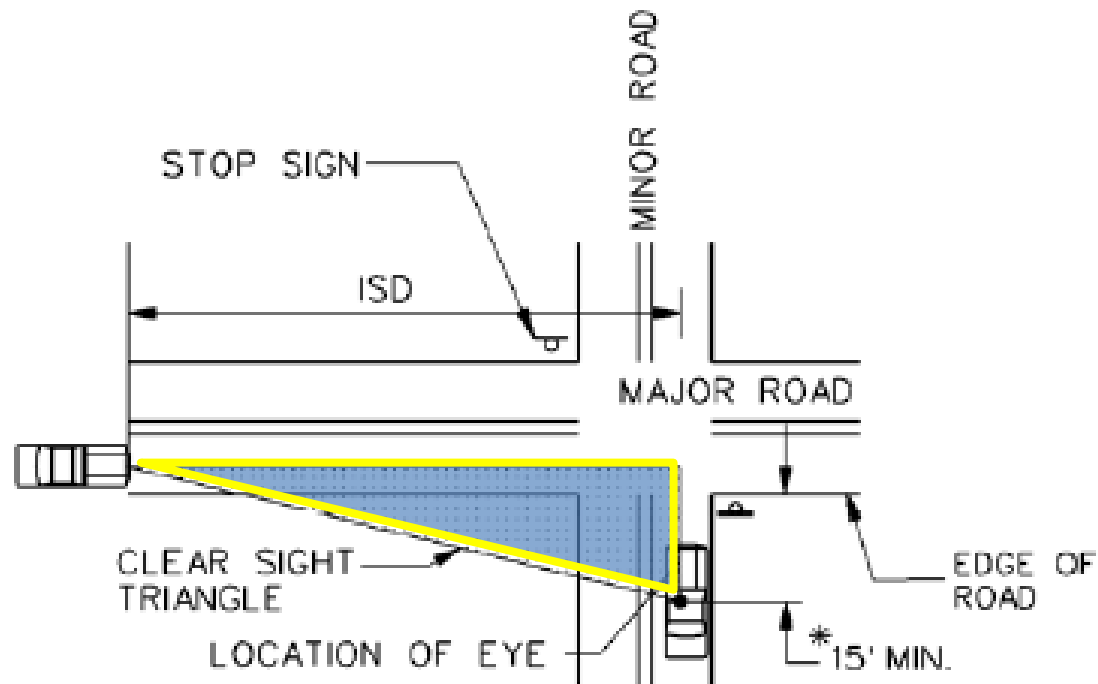


# Existing Roadway Conditions

- Functional Classification of Principal Arterial
- 2014 ADT of 37,000 vehicles
- Posted Speed Limit of 40 MPH
- Bridge No. 00484, Route 6/44 Over Hop River State Park Trail
  - Built in 1951
- Bridge No. 04137, Notch Road Over Railroad
  - Re-built in 1997



# Existing Roadway Conditions Sightlines



CLEAR SIGHT TRIANGLE FOR VIEWING  
TRAFFIC APPROACHING FROM THE LEFT

# Existing Roadway Conditions Sightlines



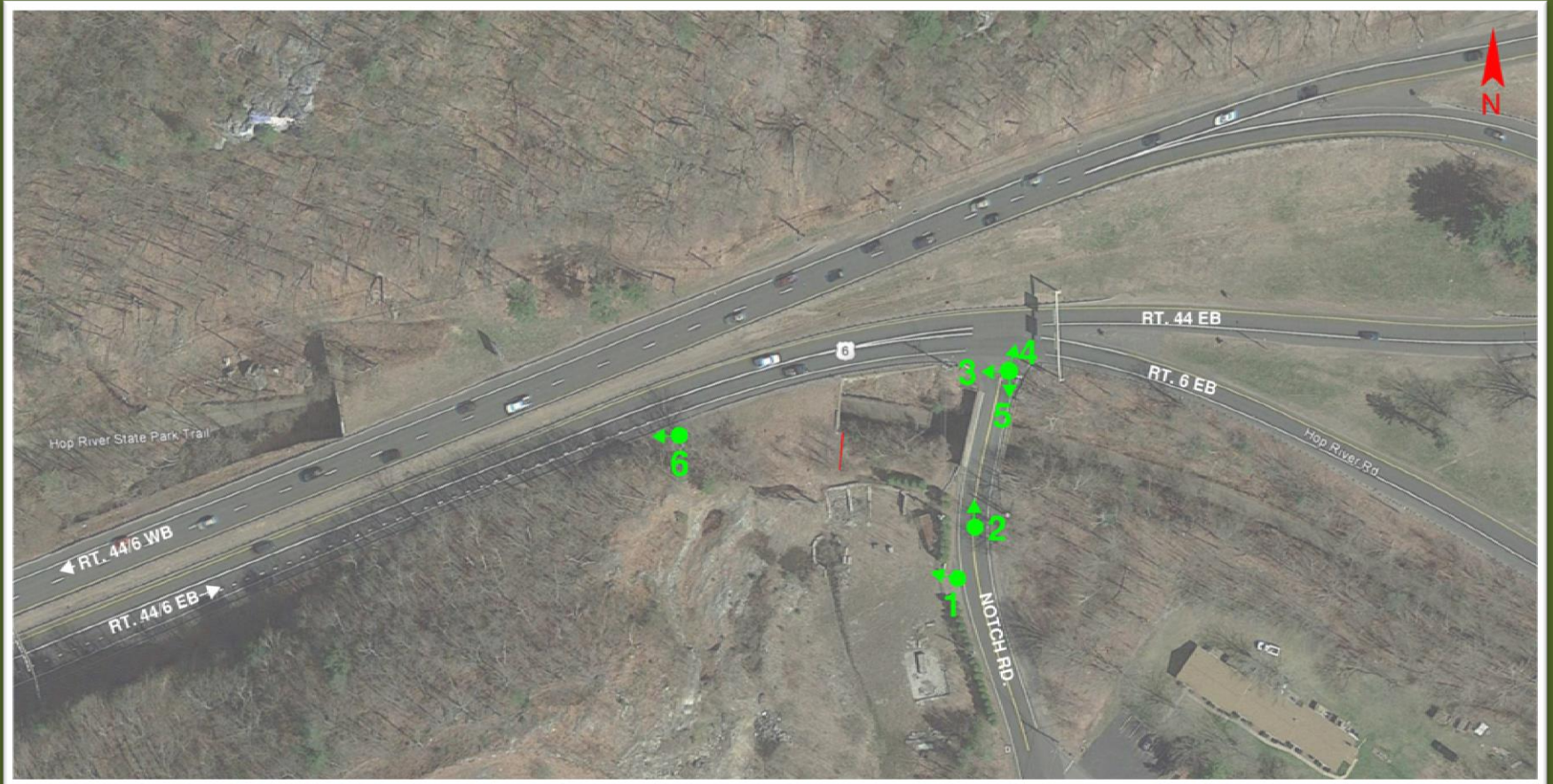


# Existing Roadway Conditions

## Sightlines



# Existing Roadway Conditions





# Existing Roadway Conditions



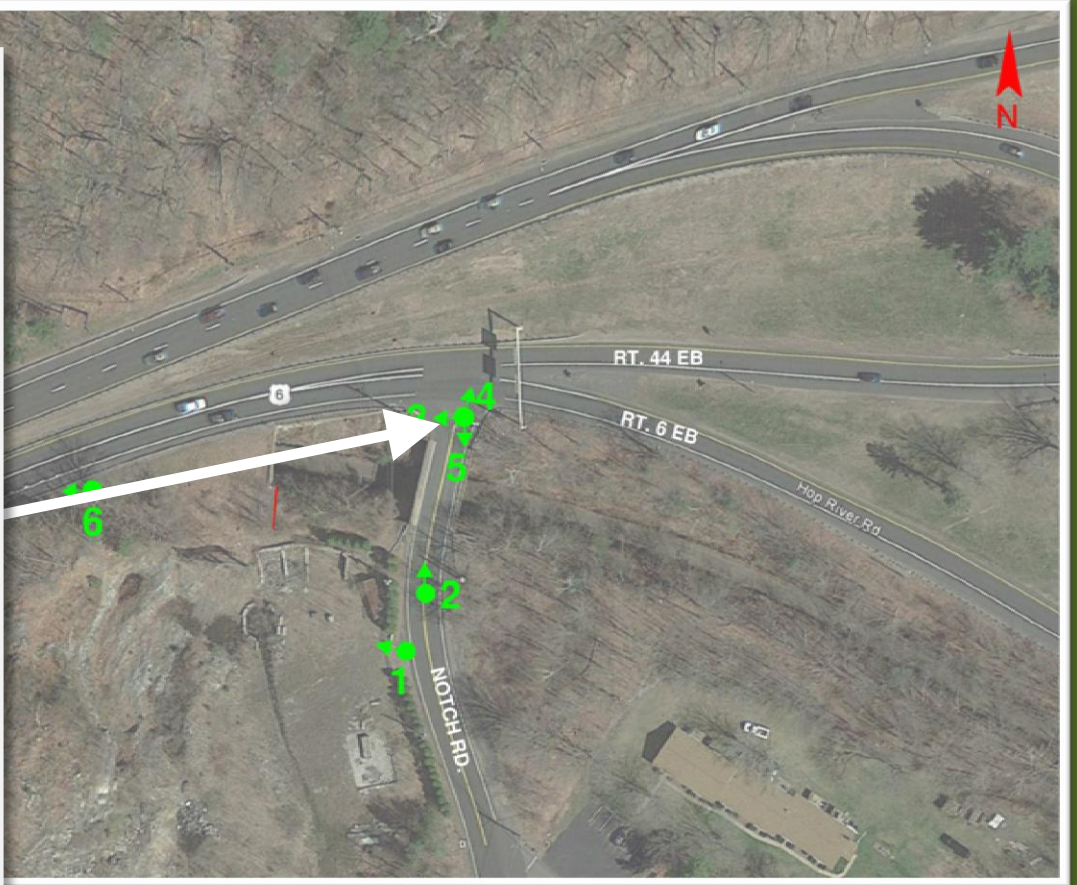


# Existing Roadway Conditions





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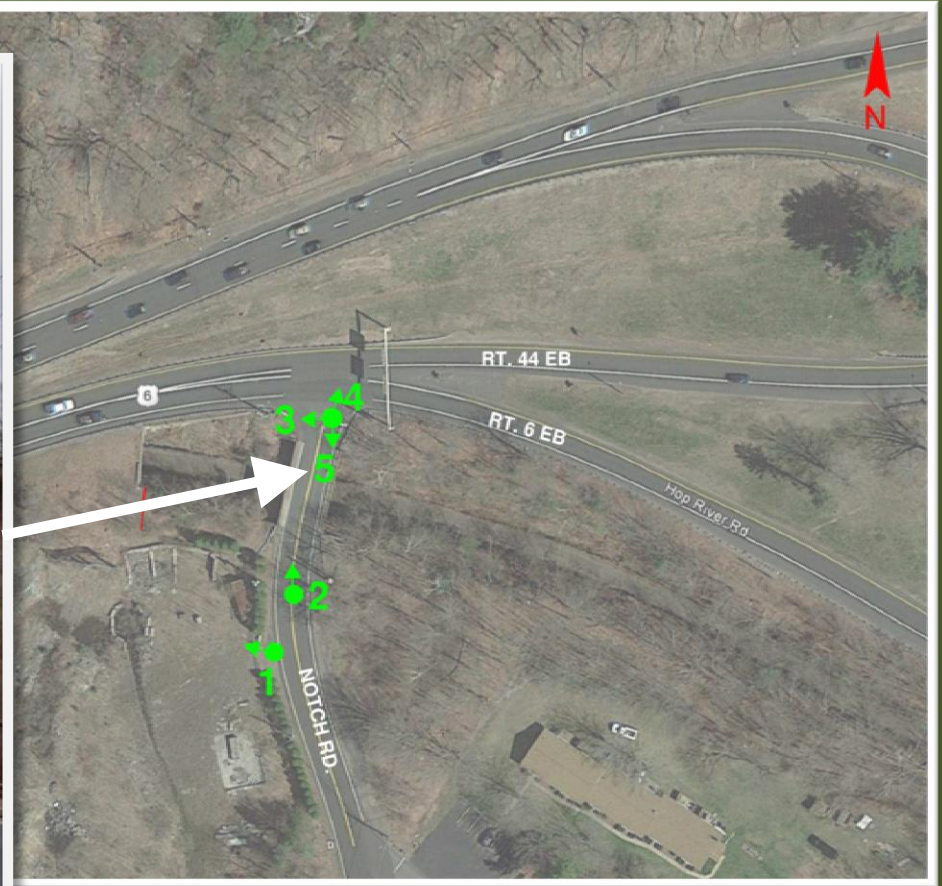




# Existing Roadway Conditions



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# Existing Roadway Conditions



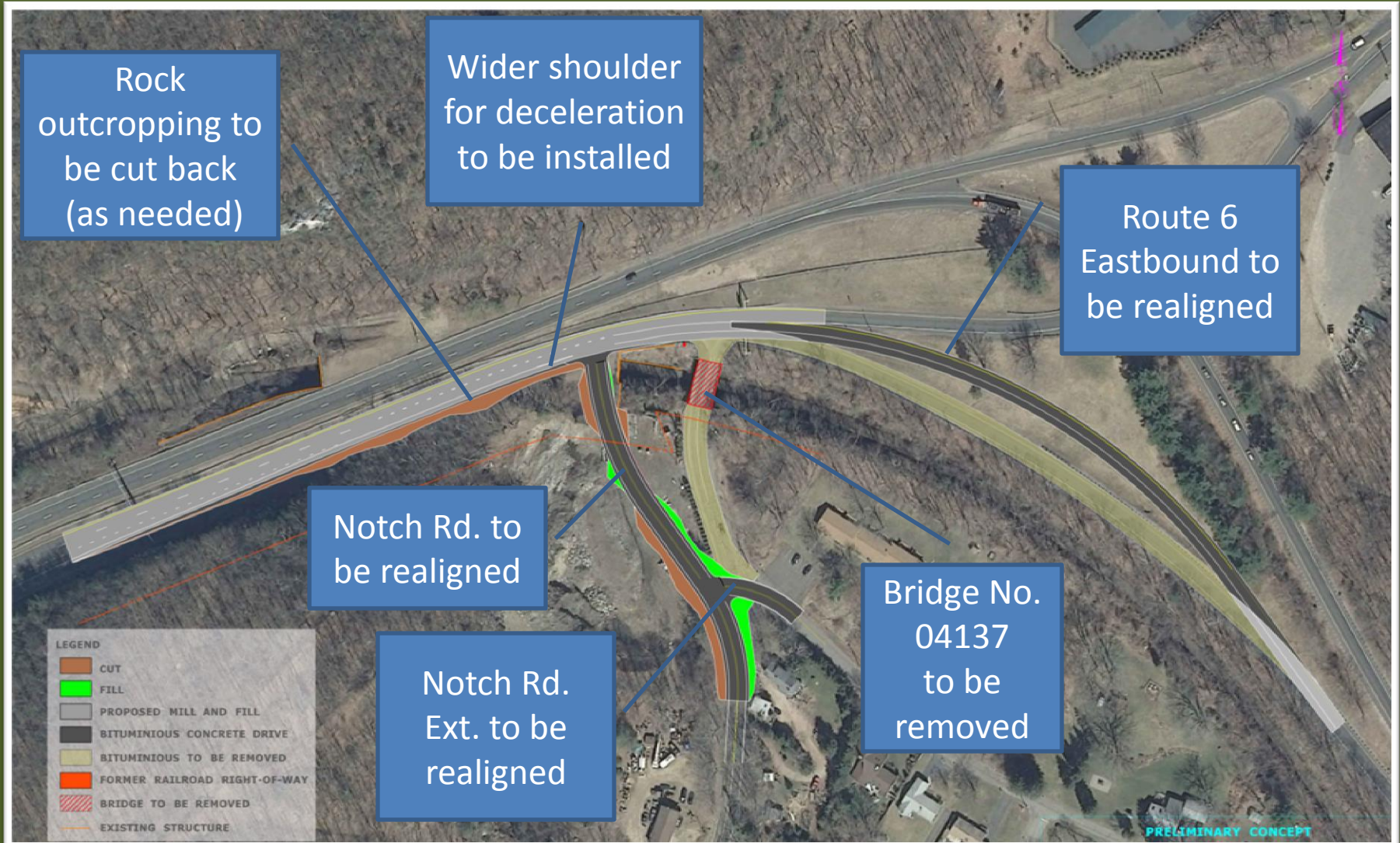


# Routes 6/44 Eastbound at Notch Road

## Existing Design Features

- Route 6 Eastbound
  - Safety
  - Geometry
  - Rock outcropping
- Notch Road
  - Safety
  - Maintenance of Bridge
  - Notch Road elevation changes

# Routes 6/44 Eastbound at Notch Road Preliminary Concept



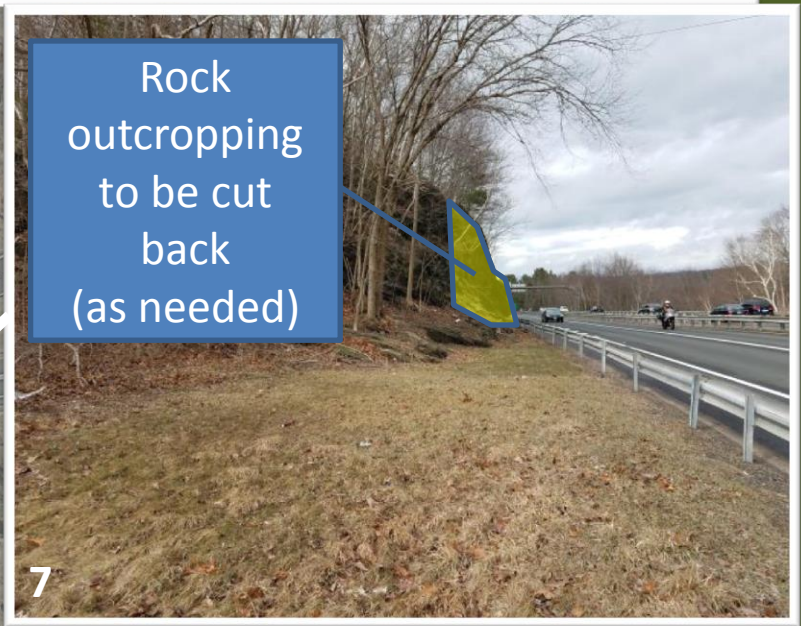


# Routes 6/44 Eastbound at Notch Road

## Preliminary Concept

- Route 6 Eastbound
  - Realigning Route 6 Curve
  - Route 6 Eastbound Rock Cut
- Notch Road
  - Realigning Notch Road
  - Removing existing Notch Road Bridge (No. 04137)

# Routes 6/44 Eastbound at Notch Road Preliminary Concept



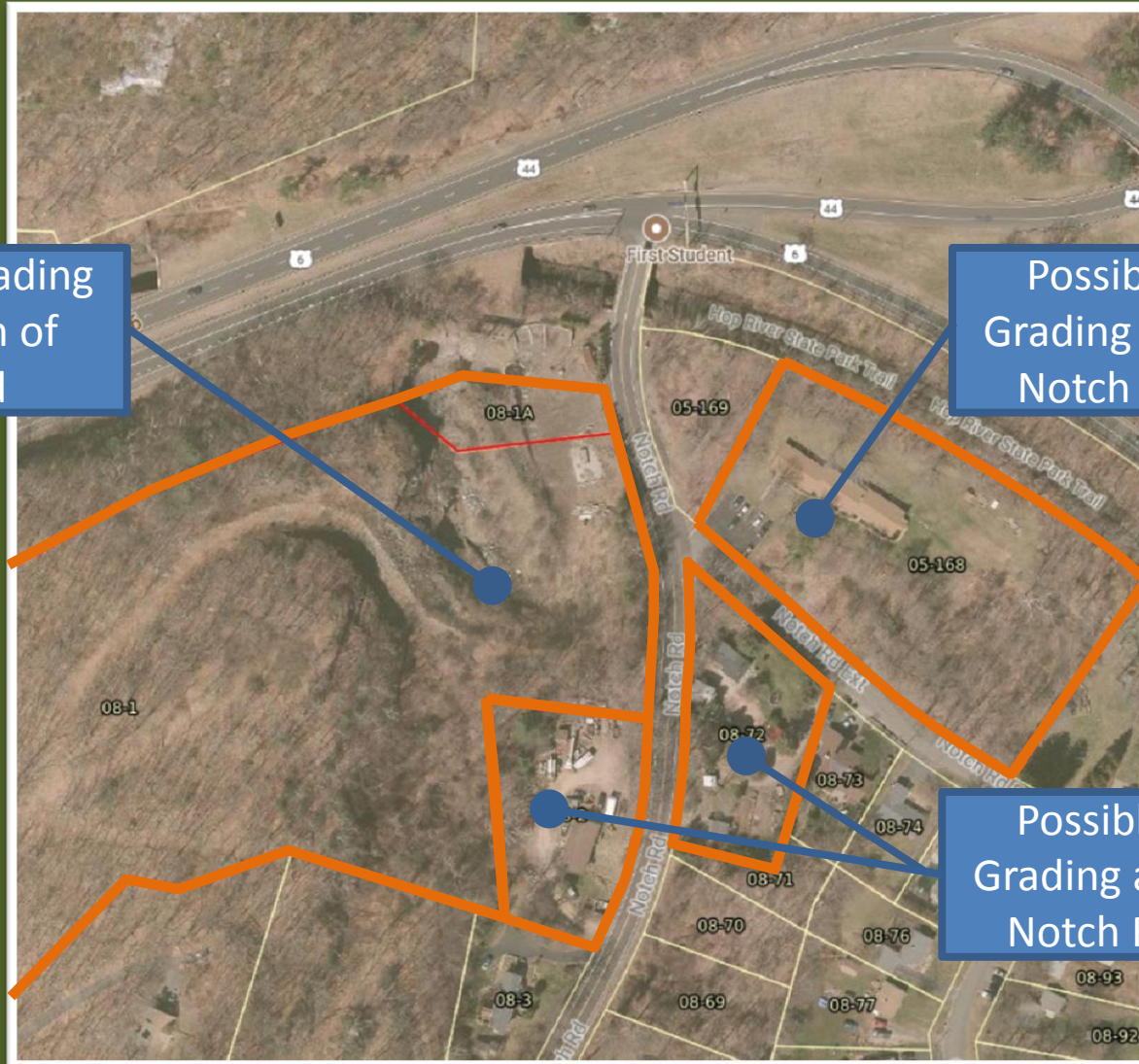


# Routes 6/44 Eastbound at Notch Road

## Proposed Impacts

- Route 6 Eastbound
  - Uses existing Right of Way
  - No impacts
- Notch Road
  - Right-of-Way would need to be obtained
  - Removing existing Notch Road Bridge (No. 04137)  
Over Hop River State Park Trail
  - Constructing Notch Road over existing Tunnel  
(No. 00484)
  - Rock Cut at Quarry property

# Routes 6/44 Eastbound at Notch Road Proposed Impacts



Impacted by Grading and relocation of Notch Road

Possibly Impacted by Grading and relocation of Notch Road Extension

Possibly impacted by Grading and relocation of Notch Road Extension



# Routes 6/44 Eastbound at Notch Road Project Summary

- ROW - No Right-of-Way Impact on Route 6
  - Right-of-Way Impacts on Notch Road.
- Utilities - Minor Impacts
- Permits - No Anticipated Permits

# Proposed Project 12-003

## Project Summary

- Extend Shared-use Path to Quarry Road and the Post Office Plaza on Route 44.
- Realign Route 6 Eastbound
- Relocate Notch Road west.
- Cutback rock outcropping on Route 6

Total Cost - \$7.75 Million



Questions?

