

AGENDA

SPECIAL MEETING BOARD OF MAYOR AND ALDERMEN (RE: NHDOT PRESENTATION)

**March 26, 2013
Mayor and all Aldermen**

**6:00 p.m.
Aldermanic Chambers
City Hall (3rd Floor)**

1. Mayor Gatsas calls the meeting to order.
2. Mayor Gatsas calls for the Pledge of Allegiance.
3. The Clerk calls the roll.
4. Presentation by the New Hampshire DOT regarding the I-293 exits 6&7 project.
5. Mayor Gatsas advises that this being a special meeting of the Board, no further business can be presented and a motion is in order to adjourn.

I - 293 Exits 6 and 7

Transportation Planning Study

(Manchester #16099)

**Manchester Board of Mayor and Aldermen
March 26, 2013**

I-293 Exits 6 and 7 Transportation Planning Study

(Manchester #16099)

New Hampshire Department of
Transportation (NHDOT)

Study Team

Vanasse Hangen Brustlin, Inc (VHB)

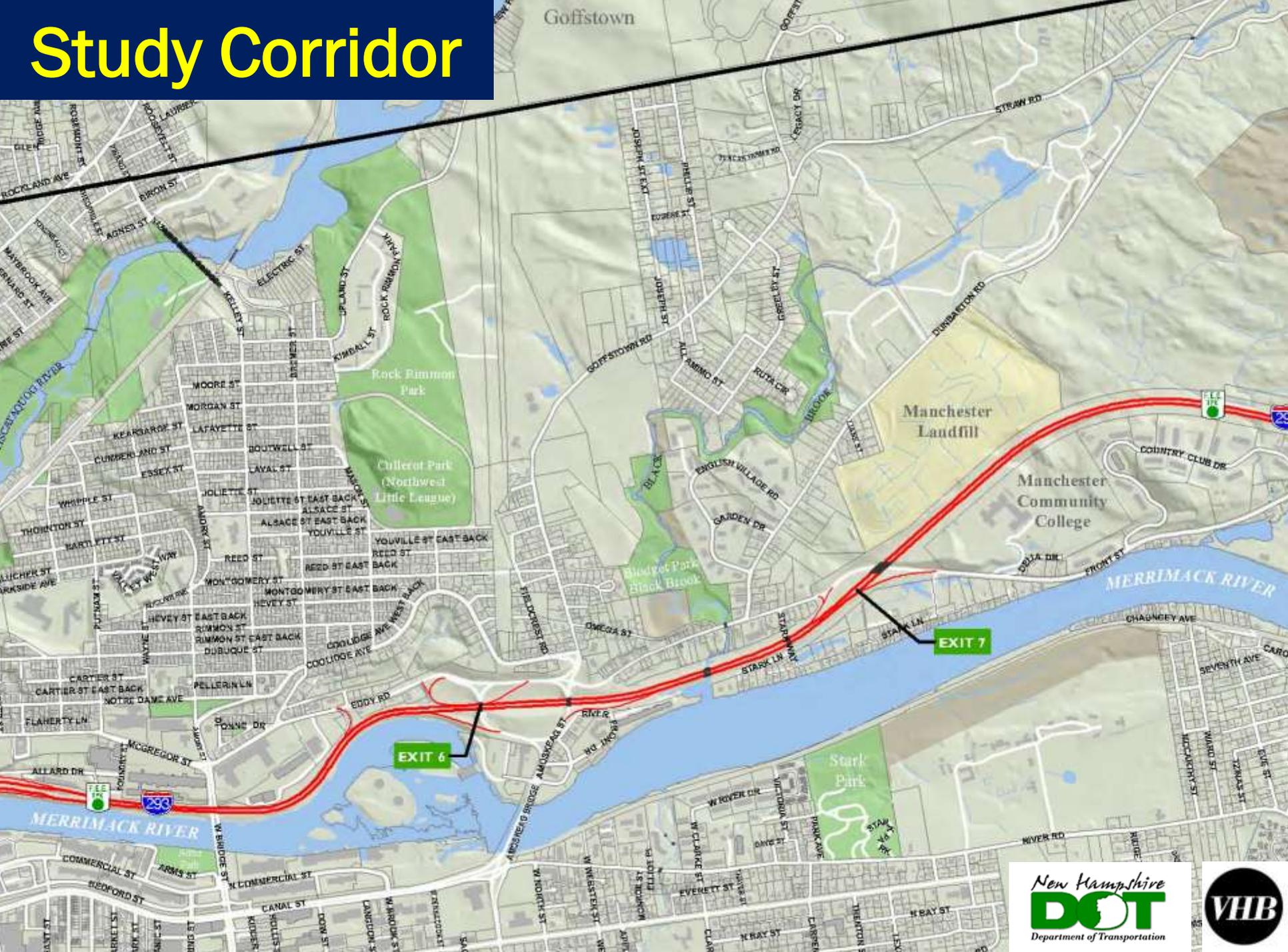
Southern New Hampshire Planning Commission (SNHPC)

RKG Associates

Study Purpose

The Purpose of this Planning Study is to consider transportation system modifications aimed at addressing **capacity** and **safety** related deficiencies along the mainline and at the interchanges (Exits 6 and 7) for a 3-mile segment of I-293 including consideration of relocating and reconfiguring Exit 7 into a fully directional interchange.

Study Corridor



Technical Advisory Committee

NHDOT

Town of Hooksett

FHWA

Greater Manchester
Chamber of Commerce

SNHPC

Hooksett Chamber of
Commerce

City of Manchester

Manchester Community
College

Town of Goffstown

State Senator Boutin

Project Website

www.293planningstudy.com



I-293 Planning Study Manchester, New Hampshire

EXITS 6 - 7

NHDOT Homepage

- Home
- Study Schedule
- Documents
- Interactive Mapping
- Meetings
- Contacts
- Technical Advisory Committee
- Feedback

Share:

Study Overview

Interstate Route 293 is a major, north-south, arterial circumferential highway extending through and around the City of Manchester. It also functions as a local connection to Interstate 93 (north and south), NH Route 101 (east and west) and US Route 3 (F.E. Everett Turnpike south to Nashua and into Massachusetts) and thus providing critical accessibility and mobility within the greater Manchester area as well as throughout southern New Hampshire.

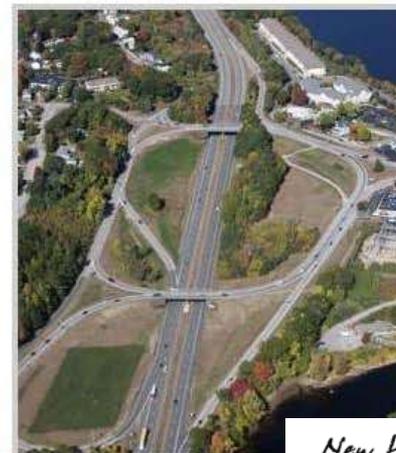
The New Hampshire Department of Transportation (NHDOT) has initiated a project to address the transportation needs of a 3-mile segment of I-293 extending northerly from the Granite Street interchange (Exit 5) to approximately one mile north of the NH Route 3A interchange (Exit 7) in Manchester, NH. The project will be conducted in three phases:

Part A consists of a planning-level study,

Part B consists of preparing preliminary engineering plans and environmental documentation suitable for a Design Public Hearing and formal project approval, and

What's New

Next Public Informational Meeting - December 12th
Wednesday, December 12th at 7:00 pm
Manchester City Hall
Aldermanic Chambers (3rd floor)
1 City Hall Plaza, Manchester, NH



Planning Study Schedule

Phase 1 – (Spring/Summer 2012)

Data Collection/Problem Identification

Phase 2 – (Fall 2012)

Screening Criteria & Brainstorming Alternatives

Phase 3 – (Winter/Spring 2013)

Develop, Evaluate, & Screen Alternatives

Phase 4 – (Summer 2013)

Documentation

Project Meetings To-Date

- June 27th Advisory Committee Meeting
- July 18th Initial Public Informational Meeting
- August 13th Advisory Committee Meeting
- September 18th Public Workshop
- September 26th Advisory Committee Meeting
- October 10th Hooksett Town Council Briefing
- December 4th Advisory Committee Meeting
- December 12th Public Informational Meeting
- January 31st Advisory Committee Meeting
- February 7th SNHPC Briefing
- February 28th Advisory Committee Meeting
- March 26th Manchester Board of Mayor and Aldermen

Public Workshop Input

- Problems
- Issues and Constraints
- Potential Solutions

Problems/Issues

- Poor sight lines
- Queuing onto the highway
- High speed weaving
- Short on-ramps with limited acceleration length
- Vehicular crashes
- Confusion/congestion at Amoskeag Circle
- Highway noise
- Truck access to Goffstown
- Congestion/safety at MCC/Front St intersection
- Limited access at existing Exit 7 location

Conceptual Alternatives

Plans show conceptual ideas. No determinations regarding property acquisition have been made .

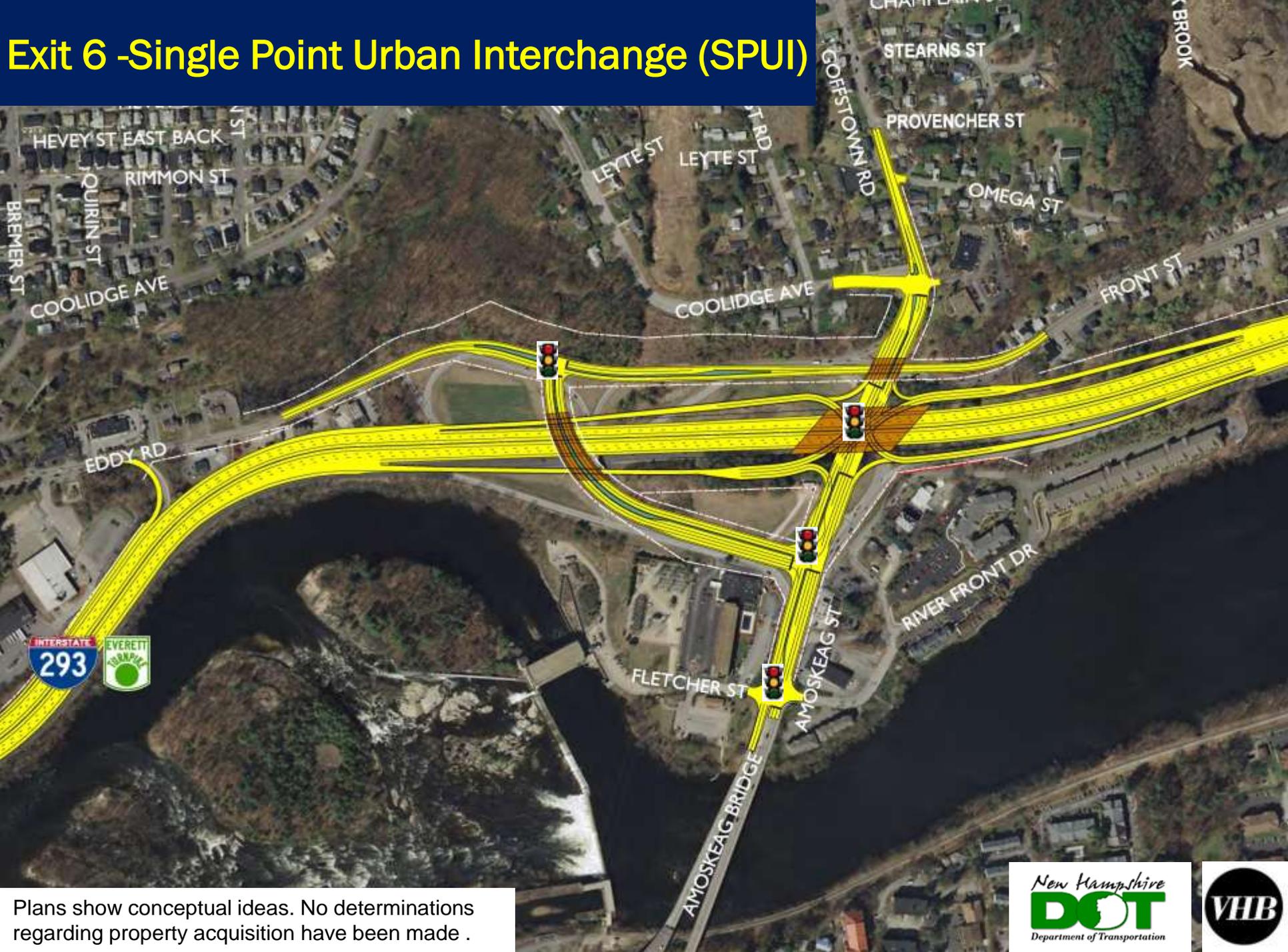
Exit 6

Exit 6



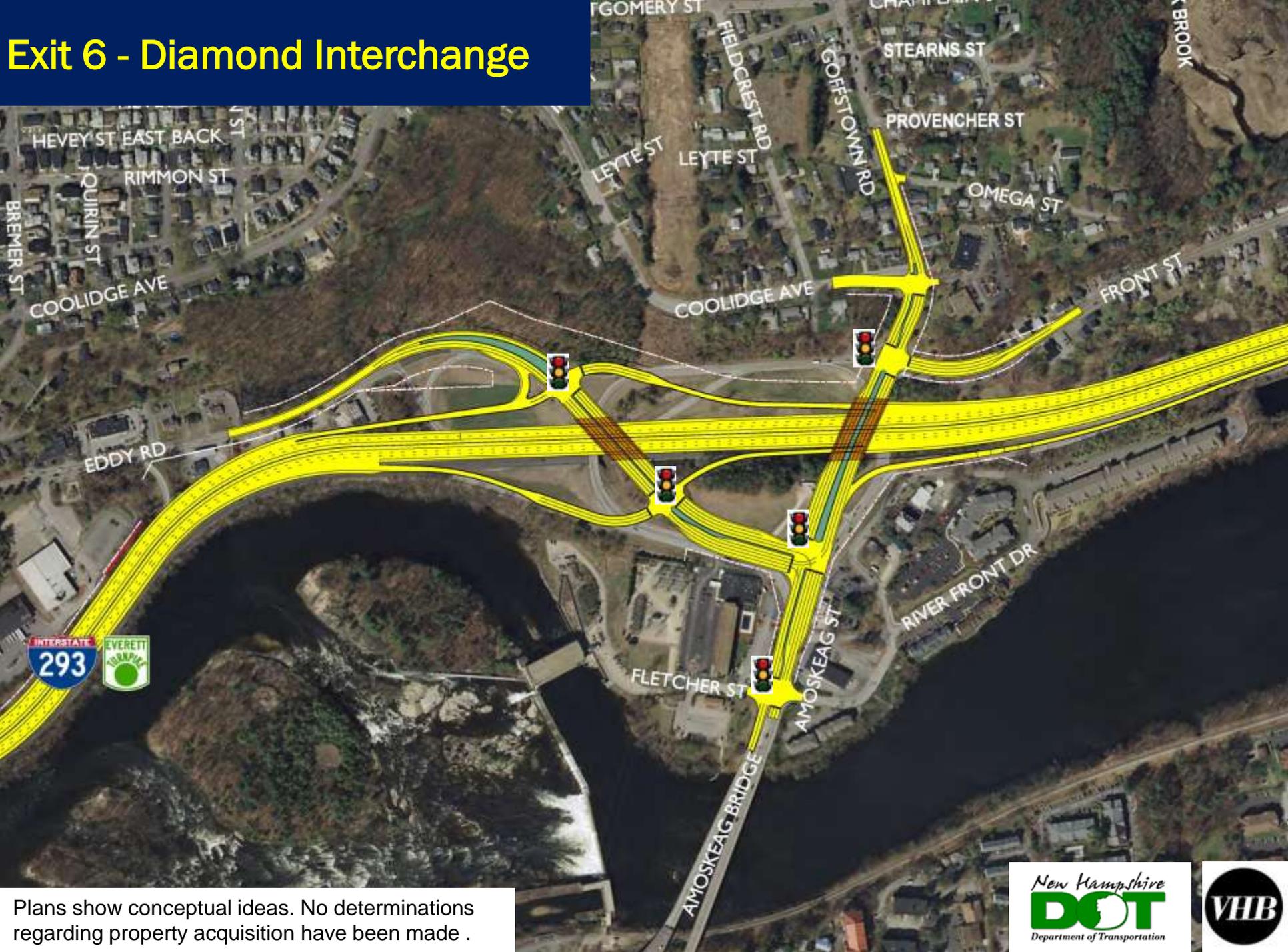
Plans show conceptual ideas. No determinations regarding property acquisition have been made .

Exit 6 -Single Point Urban Interchange (SPUI)



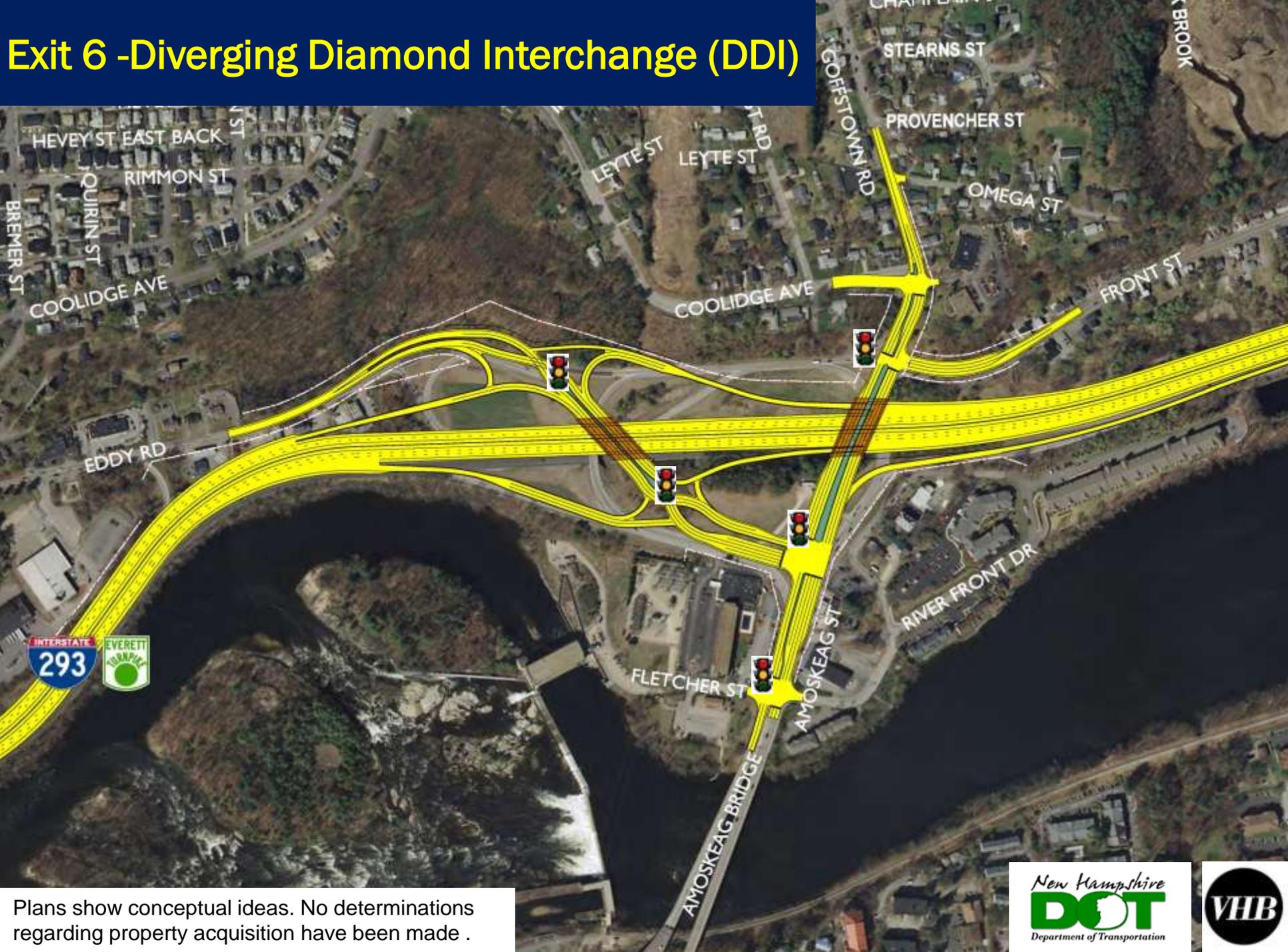
Plans show conceptual ideas. No determinations regarding property acquisition have been made .

Exit 6 - Diamond Interchange



Plans show conceptual ideas. No determinations regarding property acquisition have been made .

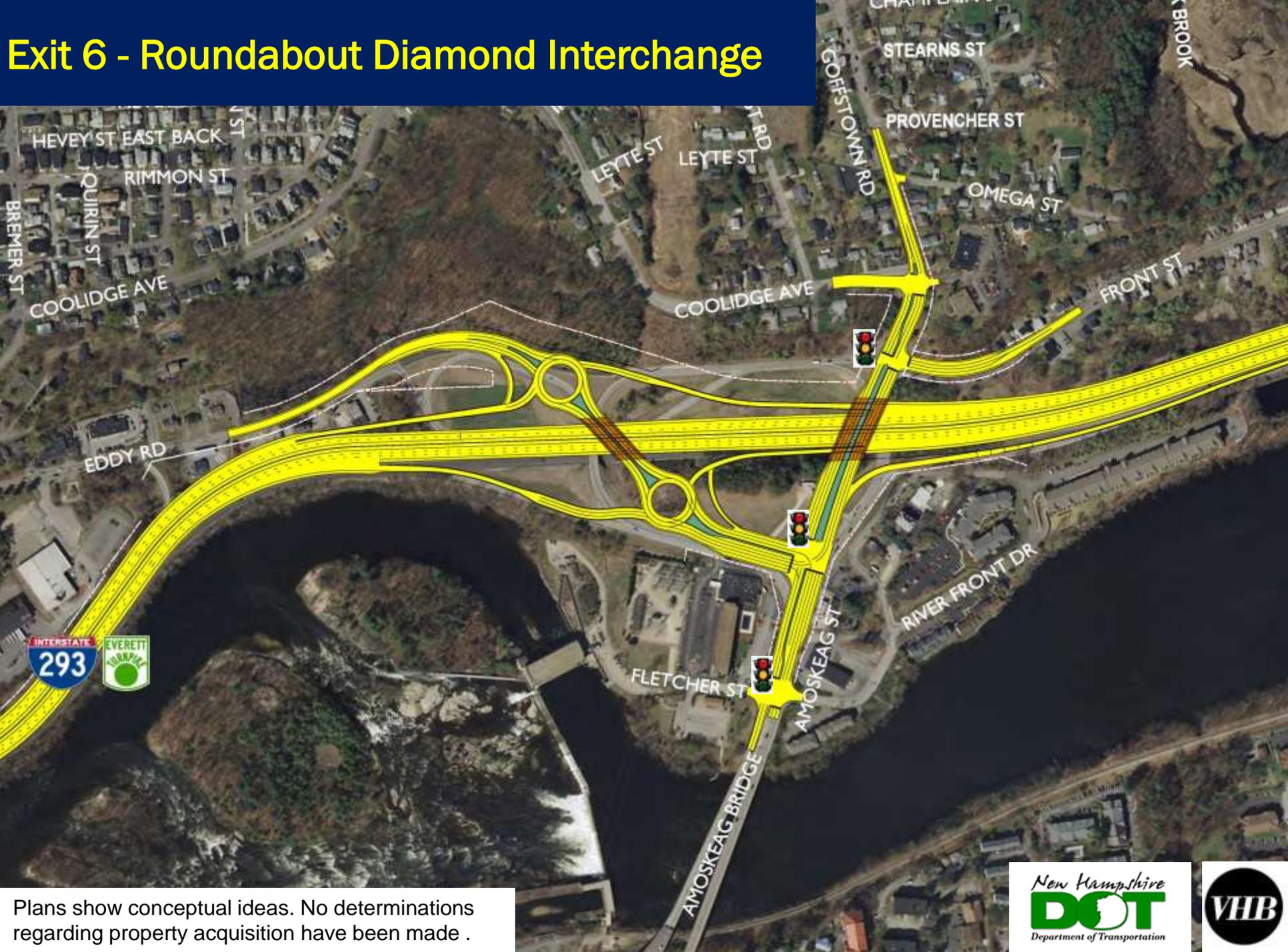
Exit 6 - Diverging Diamond Interchange (DDI)



Plans show conceptual ideas. No determinations regarding property acquisition have been made .



Exit 6 - Roundabout Diamond Interchange



Plans show conceptual ideas. No determinations regarding property acquisition have been made .

Exit 7

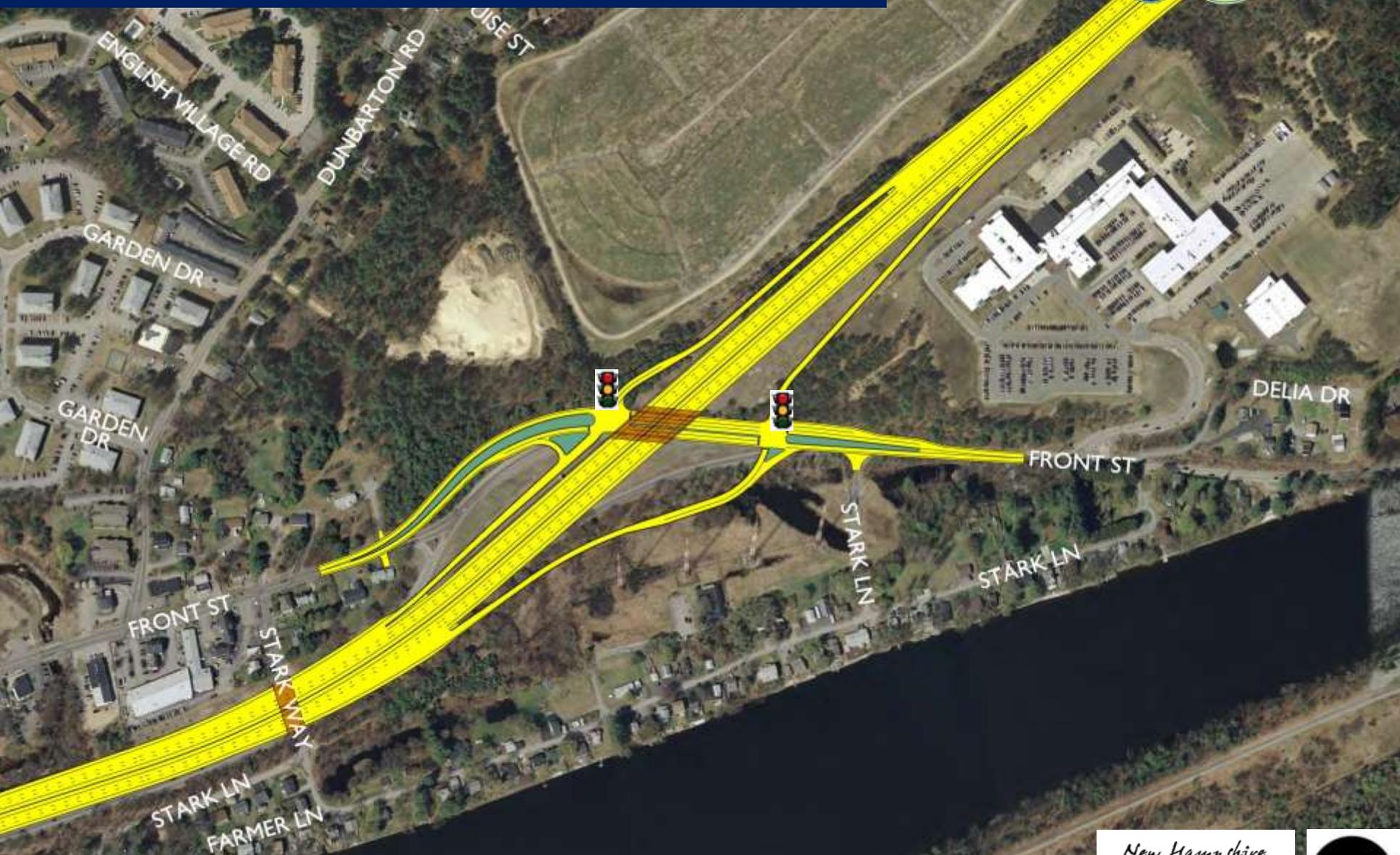
Exit 7 – Current Location



Plans show conceptual ideas. No determinations regarding property acquisition have been made .



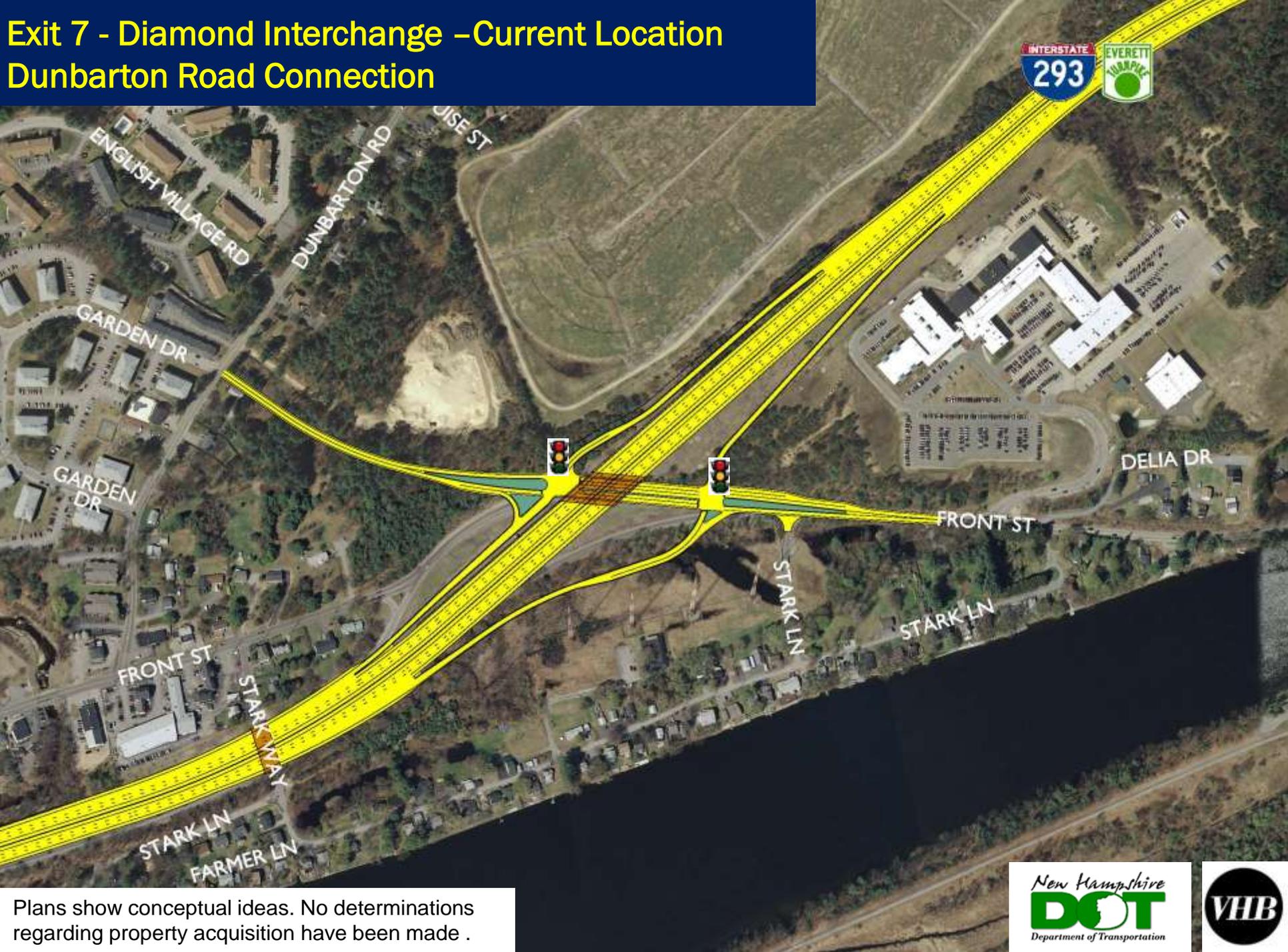
Exit 7 - Diamond Interchange – Current Location



Plans show conceptual ideas. No determinations regarding property acquisition have been made .



Exit 7 - Diamond Interchange – Current Location Dunbarton Road Connection



Plans show conceptual ideas. No determinations regarding property acquisition have been made .



Exit 6 and Exit 7 Weave Segment



Plans show conceptual ideas. No determinations regarding property acquisition have been made .



Exit 7 – Relocated Location



Plans show conceptual ideas. No determinations regarding property acquisition have been made .



Exit 7 – Relocated Location



INTERSTATE
293



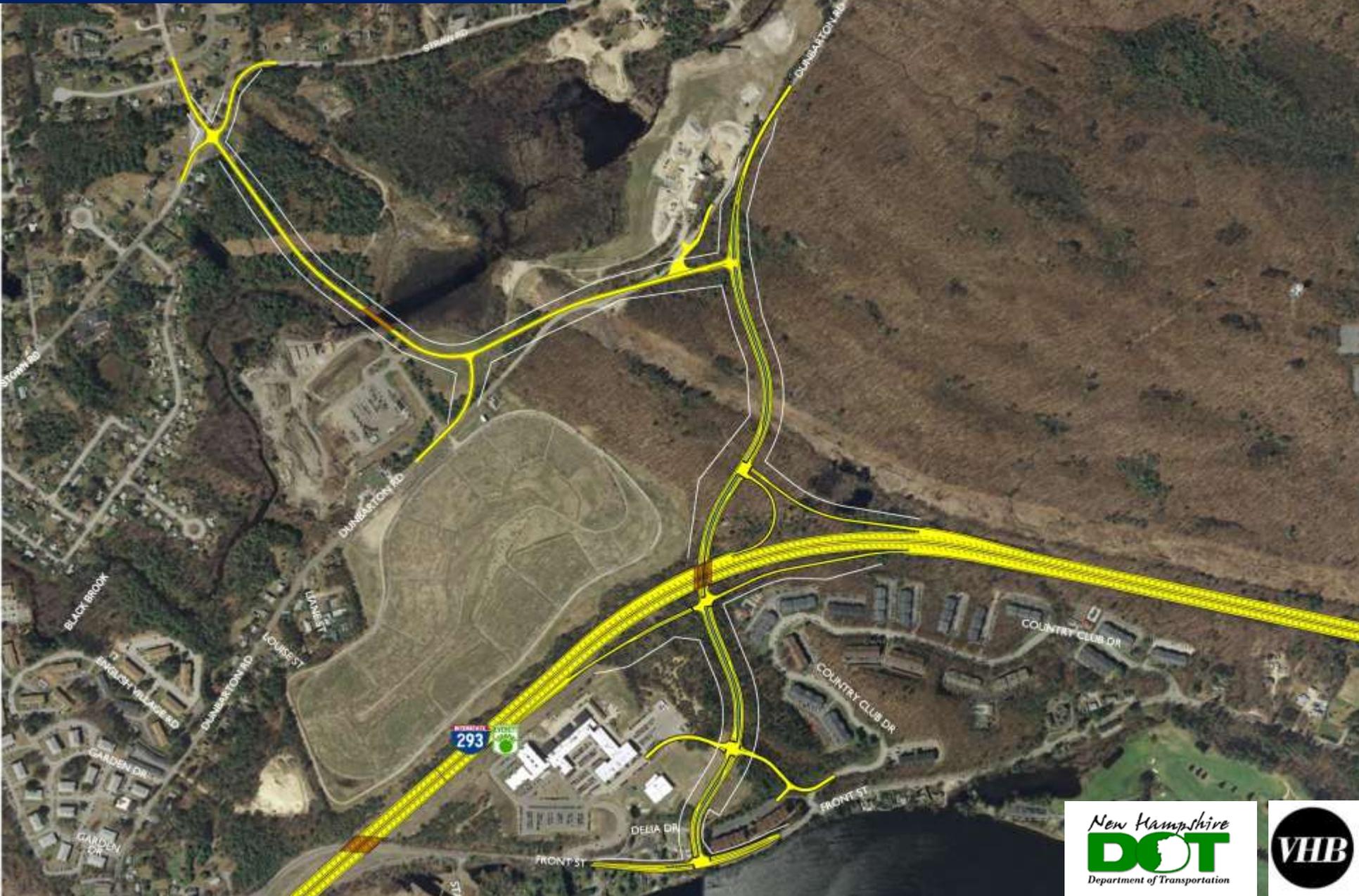
Exit 7 – Relocated Location



INTERSTATE
293



Exit 7 – Current Northerly Alignment



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Phase 4 – (Summer 2013)

Documentation

I-293 Exits 6 and 7

Transportation Planning Study

(Manchester #16099)

Comments/Questions?

www.293planningstudy.com

MANCHESTER 14966



I-293 EXIT 4

**Manchester Board of Mayor and
Aldermen
March 26, 2013**

MANCHESTER 14966

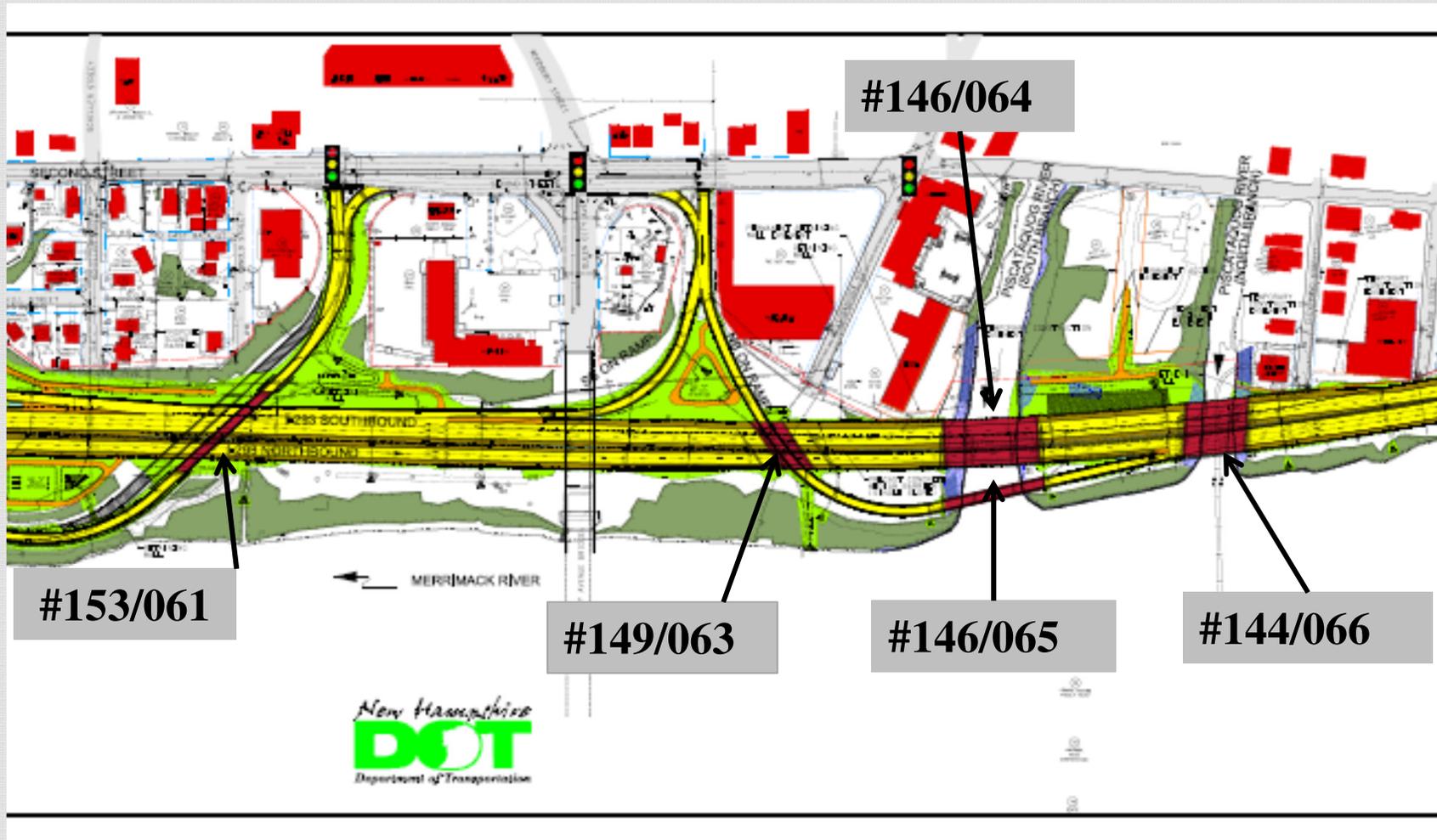
F. E. E. TURNPIKE – 1-293 EXIT 4

PROJECT PURPOSE IS TO REPLACE FIVE RED LISTED BRIDGES AND ADDRESS SAFETY ISSUES

- **NB OFF-RAMP OVER I-293 (153/061) [FSR 44.3%]**
- **I-293 MAINLINE OVER NB ON RAMP (149/063) [FSR 41.6%]**
- **NB ON-RAMP OVER SOUTHERN CHANNEL OF PISCATQUOG RIVER (# 146/065) [FSR 43.6%]**
- **I-293 MAINLINE OVER SOUTHERN CHANNEL OF PISCATQUOG RIVER (#146/064) [FSR 42.6%]**
- **I-293 MAINLINE OVER NORTHERN CHANNEL OF PISCATQUOG RIVER (#144/066) [FSR 29.6%]**

MANCHESTER 14966

F. E. E. TURNPIKE – 1-293 EXIT 4



MANCHESTER 14966

F. E. E. TURNPIKE – 1-293 EXIT 4



Public Hearing
September . 29, 2011

Special Committee Layout
November 14, 2012

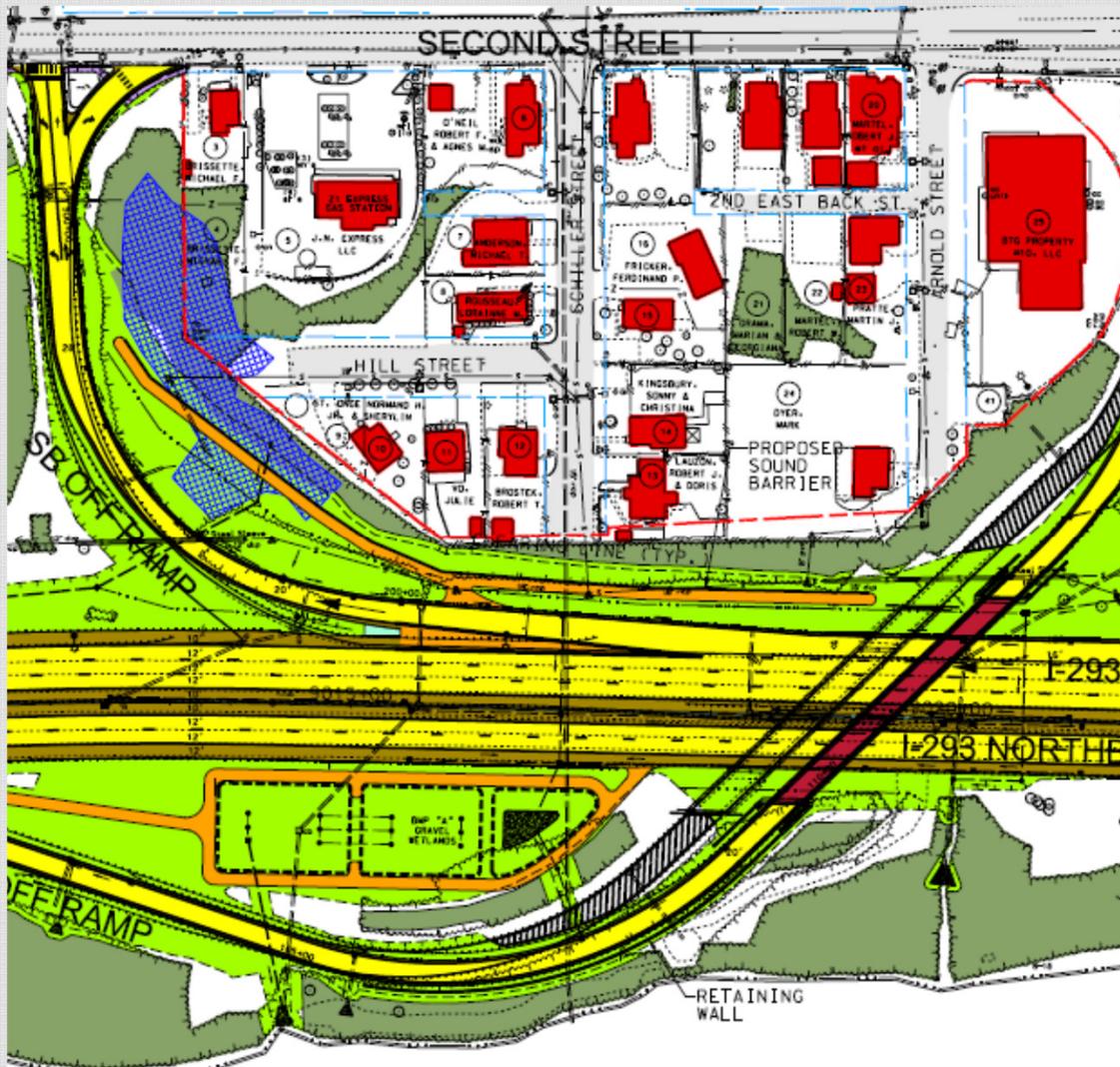
Project Advertising
July 23, 2014

Project Completion
Fall , 2016

Project Cost : \$33,200,000
Turnpike Funded

MANCHESTER 14966

F. E. E. TURNPIKE – 1-293 EXIT 4



**Three Lanes
Southbound/Two
Lanes Northbound**

**Add Soundwall Along
Schiller Street
Neighborhood**

**Add Soundwall Along
Wentworth Street
Neighborhood**

**Addition of Water
Quality Basins for
Pollutant Loading**

**Improved
Southbound Weave
& Shoulders Widths**

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F. E. E. TURNPIKE – 1-293 EXIT 4

Three Phase Construction

1. PHASE I - Westerly Widening

- Oct. 2013 to April 2015
- Up to 3 Week Closure of Southbound On-Ramp



2. PHASE II - Center Reconstruction

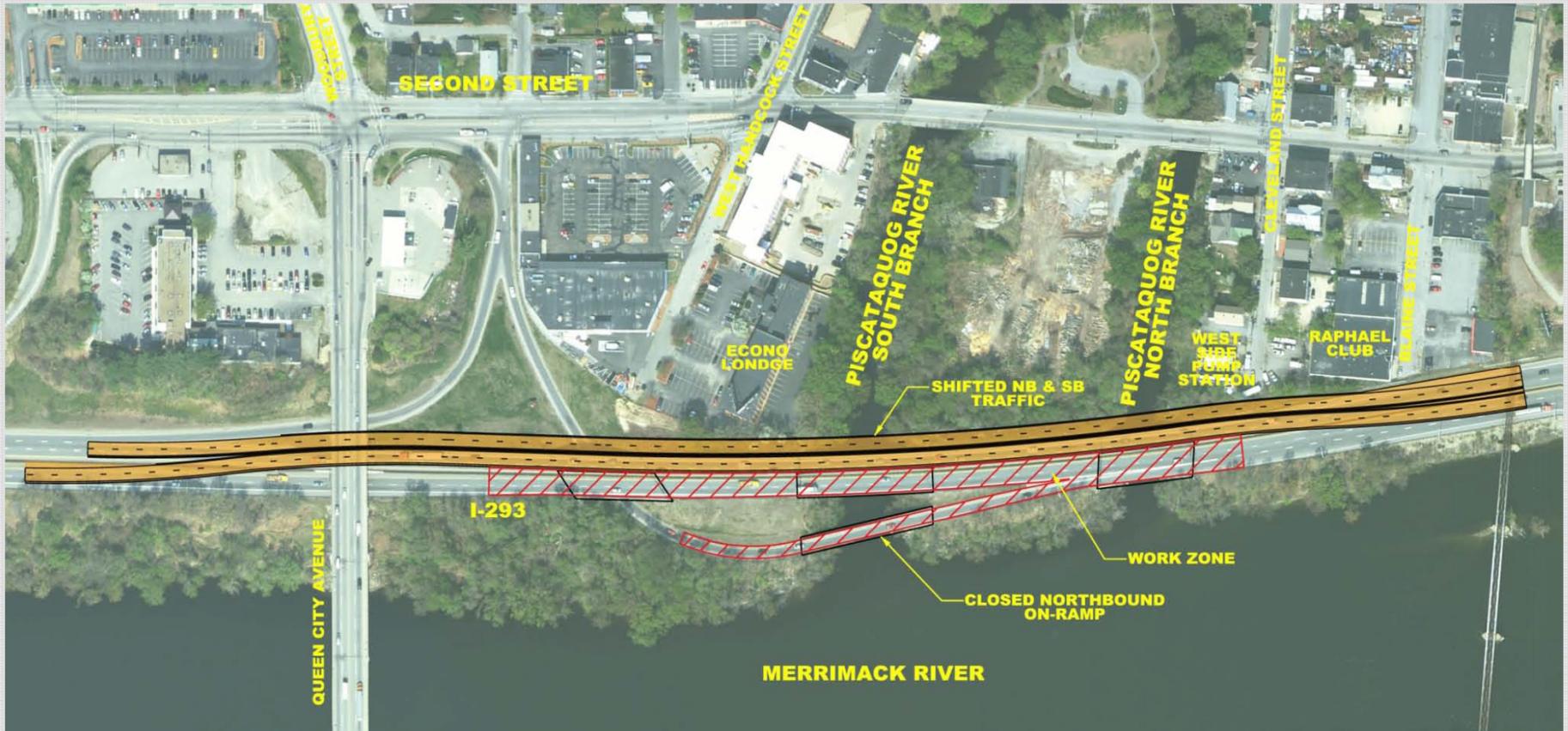
- April 2015 to April 2016

3. PHASE III - Easterly Reconstruction

- April 2016 to November 2016
- Up to 9 Month Closure of Northbound On-Ramp

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F. E. E. TURNPIKE – 1-293 EXIT 4



PHASE III RAMP RECONSTRUCTION

➤ ONE FULL CONSTRUCTION SEASON (2016)

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F. E. E. TURNPIKE – 1-293 EXIT 4

- **TRAFFIC MITIGATION**
 - **Smart Work Zones**
 - Traffic Cameras/ TMC
 - Dynamic Message Signs
 - **Construction Sign Packages**
 - **Modify and Monitor Signal Timing at Second Street Intersection with Granite Street**
 - **Coordination with Emergency Responders and City Public Works**



MANCHESTER 14966

F. E. E. TURNPIKE – 1-293 EXIT 4



City of Manchester Impacts

- Sewer Pump Station – Temp. Construction Easements
- Water Line Relocation Under NB On-Ramp Bridge (Force Account Re-imburement)
- Sewer Service Lines for 3 Residential Connections along Wentworth Street (1/3 Reimbursement to City)

MANCHESTER 14966 F. E. E. TURNPIKE – 1-293 EXIT 4



QUESTIONS