

***Bow Concord I-93 Improvements
T-A000(018)
13742***

Public Hearing

November 14, 2018

- Introduction
- Project History/Overview
- Project Purpose
- Proposed Project
- Environmental Summary
- Right-of-Way Process
- Project Cost
- Schedule
- Public Testimony
- Close

Agenda



Project Overview



Project History / Overview

Part A – Planning (2002 - 2008)

- Problem & Goal Statements
- Range of Reasonable Alternatives
- Determine Level of Environmental Document
- Prepare Summary/Classification Report

Red List Bridges (2008 - 2016)

- Exit 14 Rehabilitation
- I-93 over I-89 Replacement
- Exit 12 Replacement

Part B – Scoping (2013 - 2019)

- Select Preferred Alternative
- Environmental Documentation (EA)
- Public Hearing

Part C – Final Design

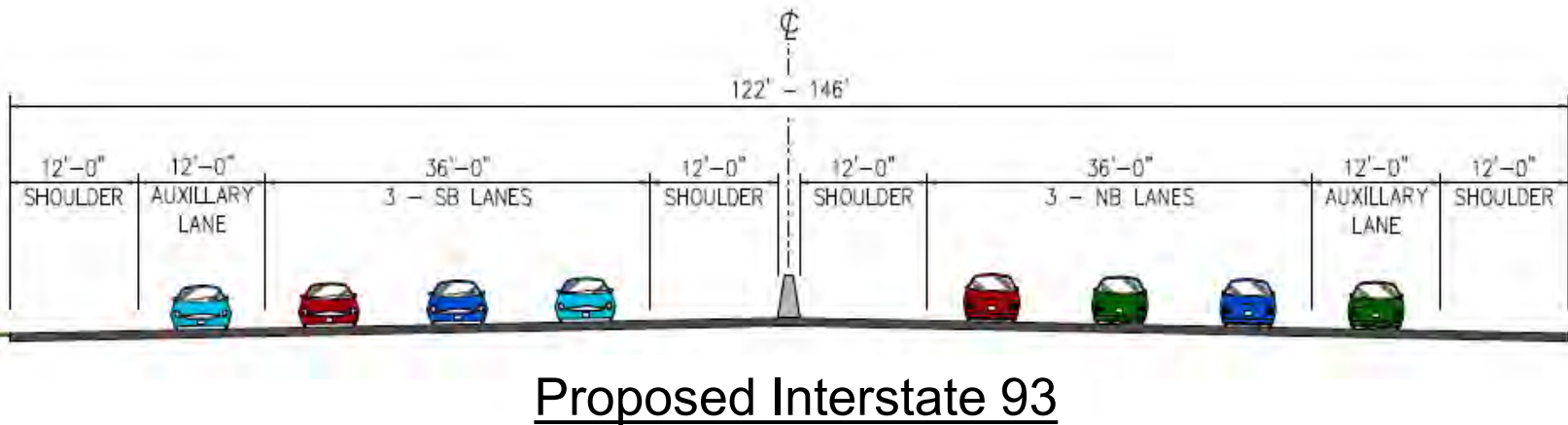
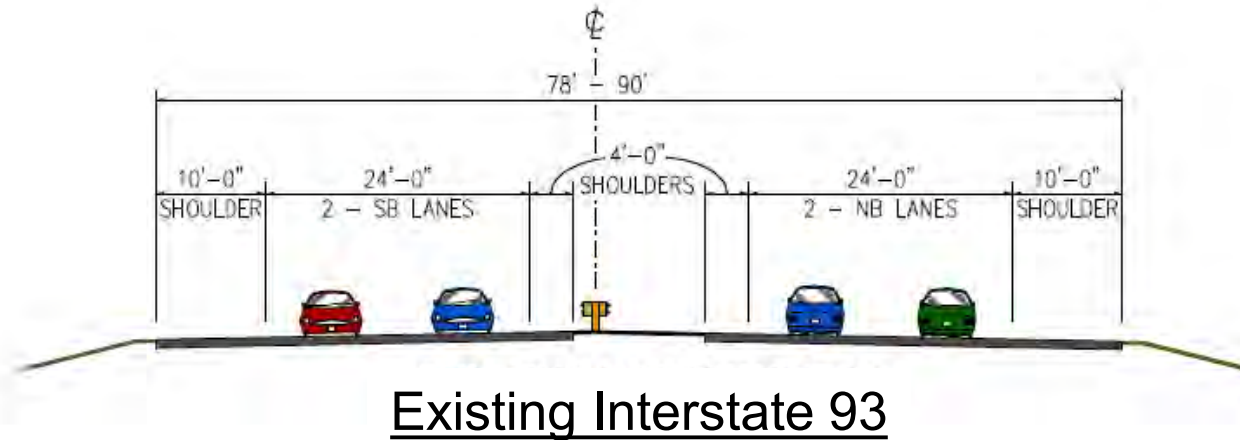
Project Purpose

The purpose of the Interstate 93 Bow-Concord project is to address the existing and future transportation needs for all users of this four-mile segment of I-93, while balancing the needs of the surrounding communities, by providing a safe and efficient transportation corridor for people, goods and services.

Proposed Project



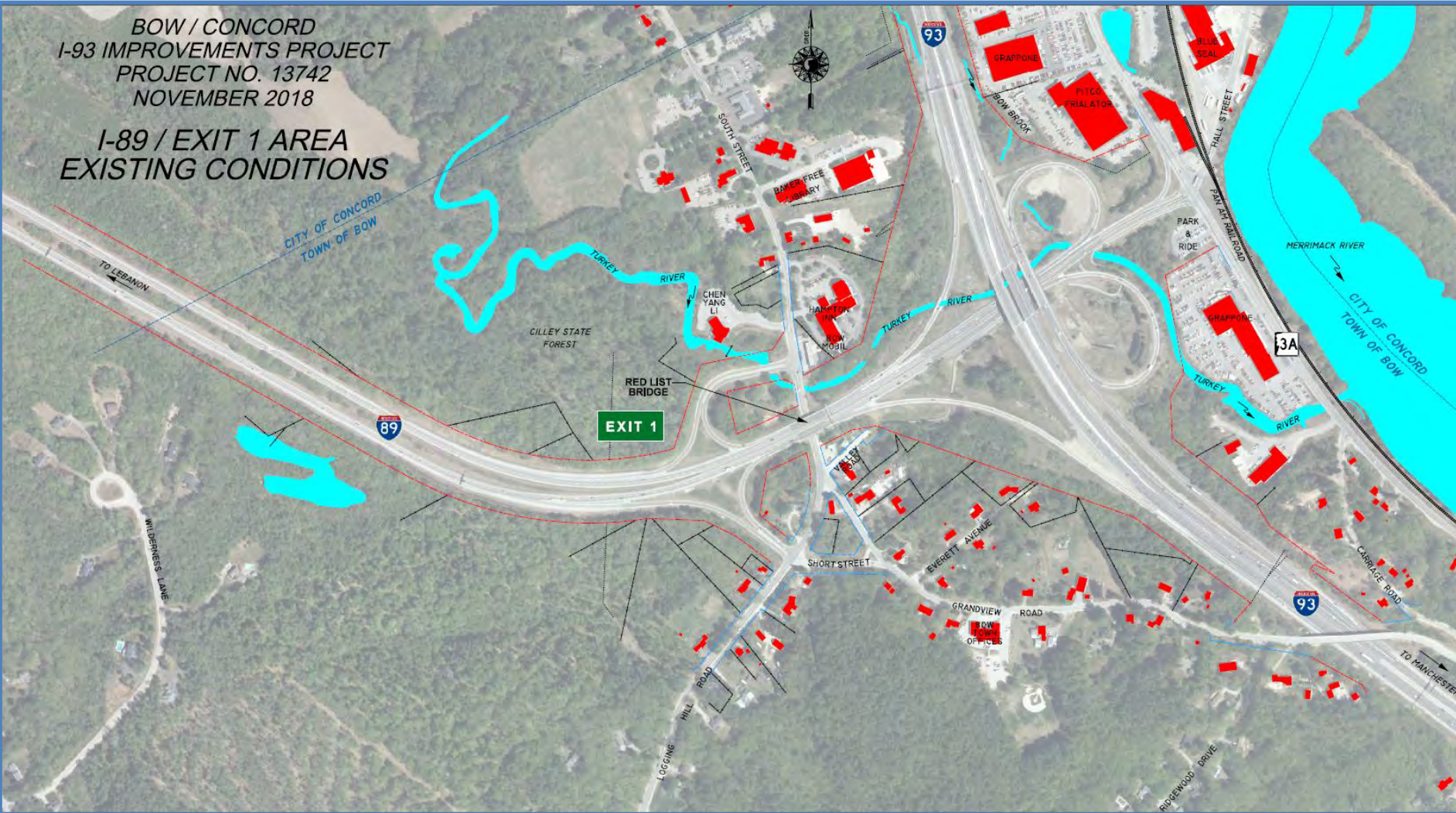
I-93 Typical Sections



I-89 / Exit 1 Area - Existing

BOW / CONCORD
I-93 IMPROVEMENTS PROJECT
PROJECT NO. 13742
NOVEMBER 2018

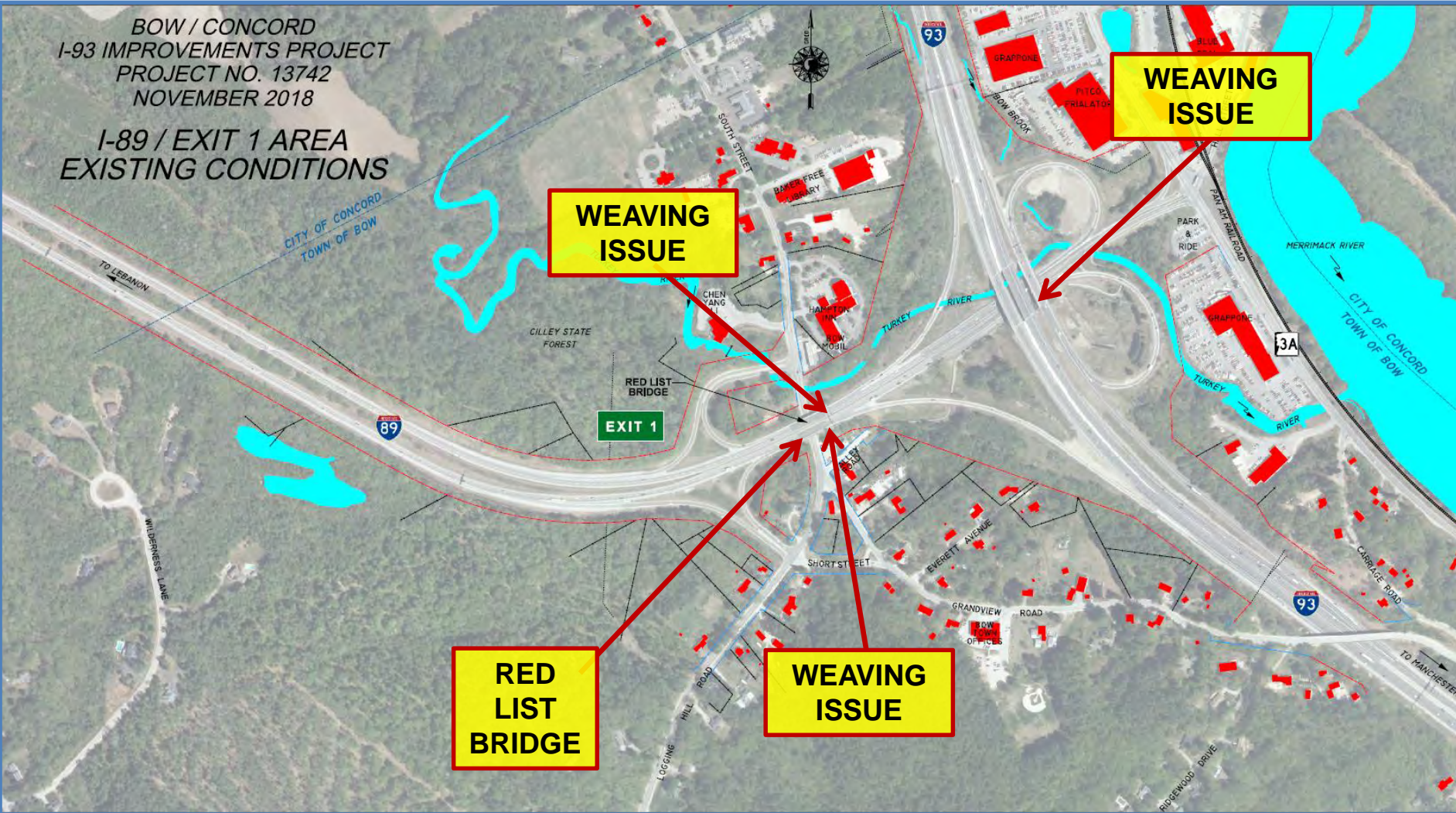
I-89 / EXIT 1 AREA
EXISTING CONDITIONS



I-89 / Exit 1 Area - Existing

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I-89 / EXIT 1 AREA
EXISTING CONDITIONS



**WEAVING
ISSUE**

**WEAVING
ISSUE**

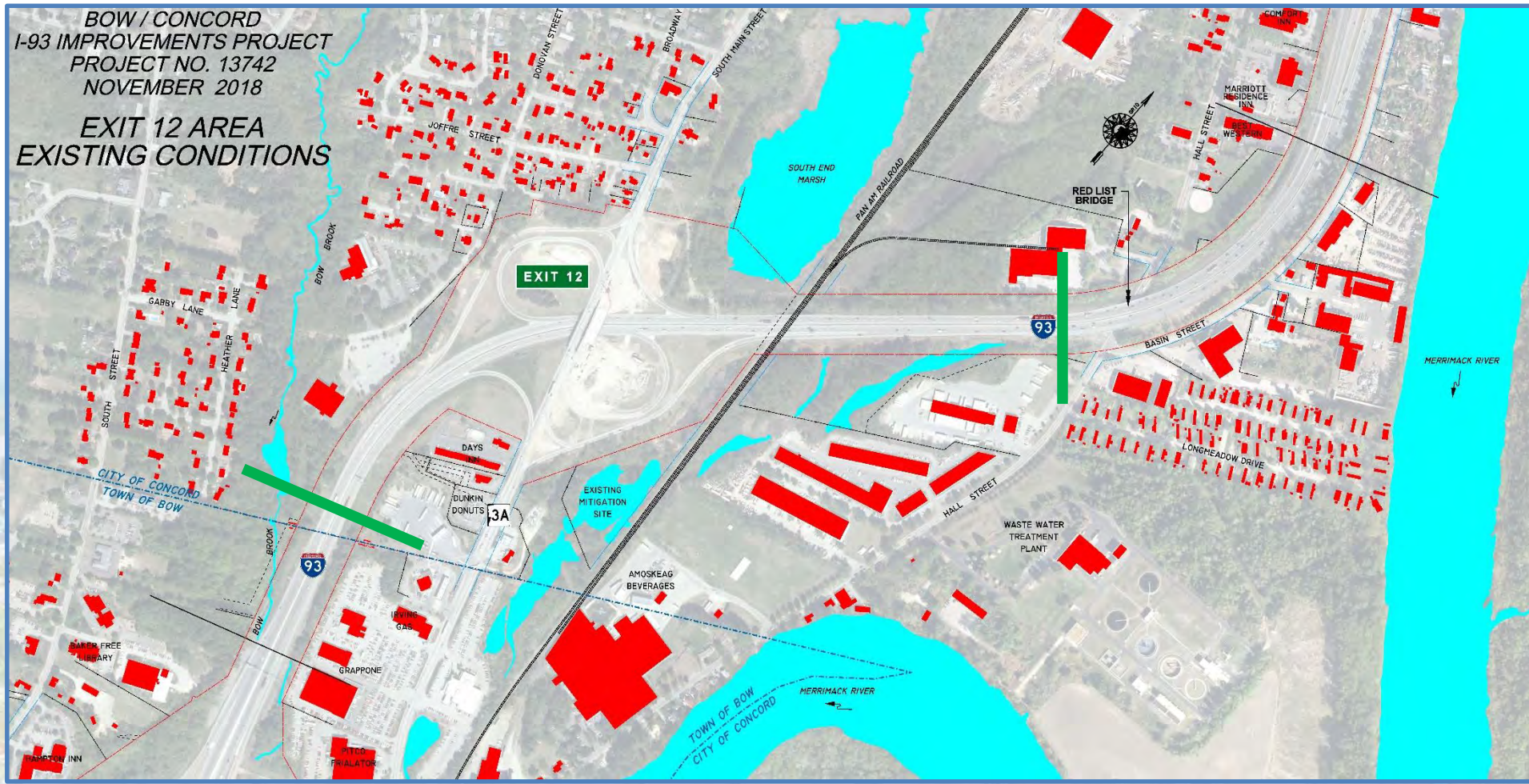
**RED
LIST
BRIDGE**

**WEAVING
ISSUE**

Exit 12 Area - Existing

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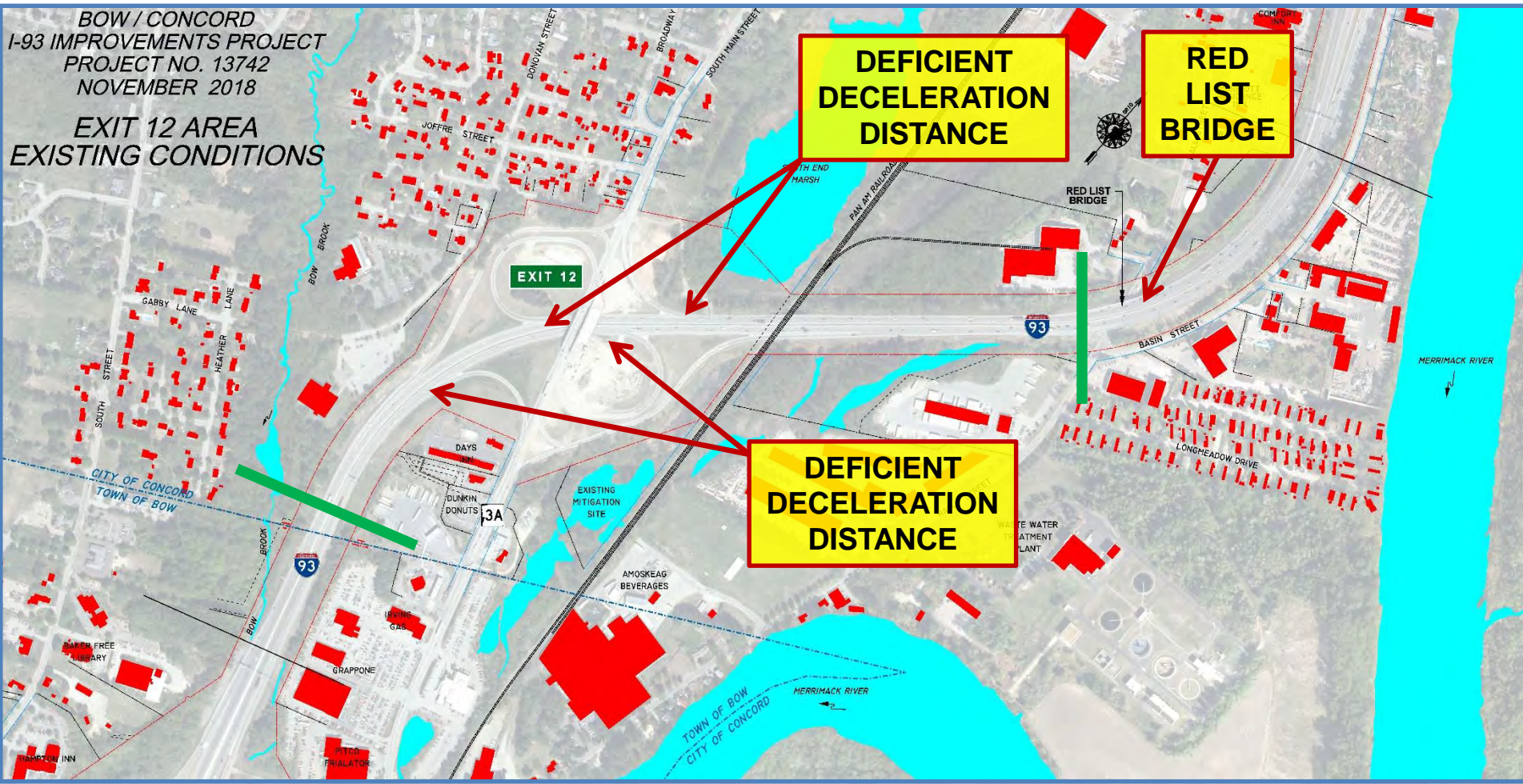
EXIT 12 AREA
EXISTING CONDITIONS



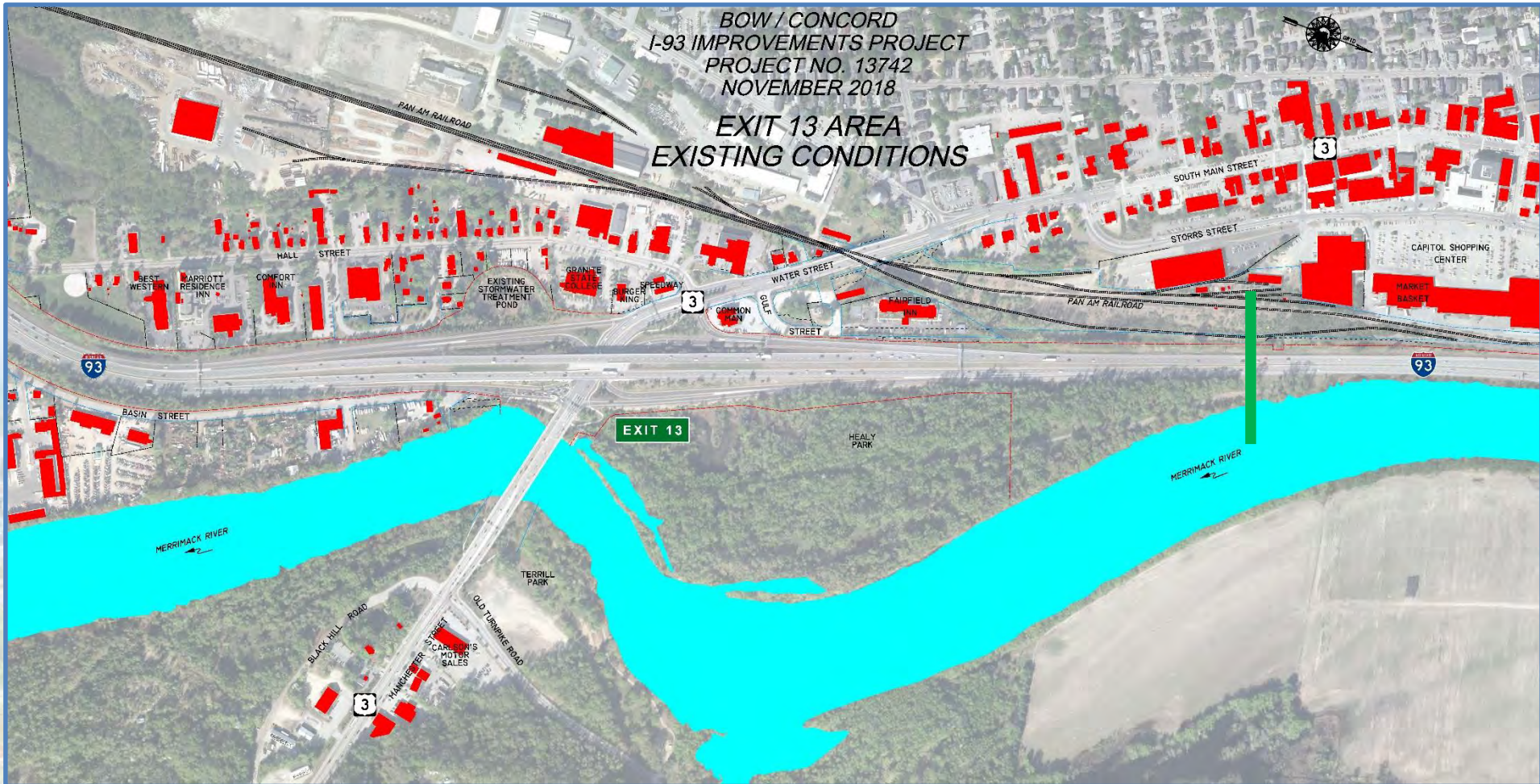
Exit 12 Area - Existing

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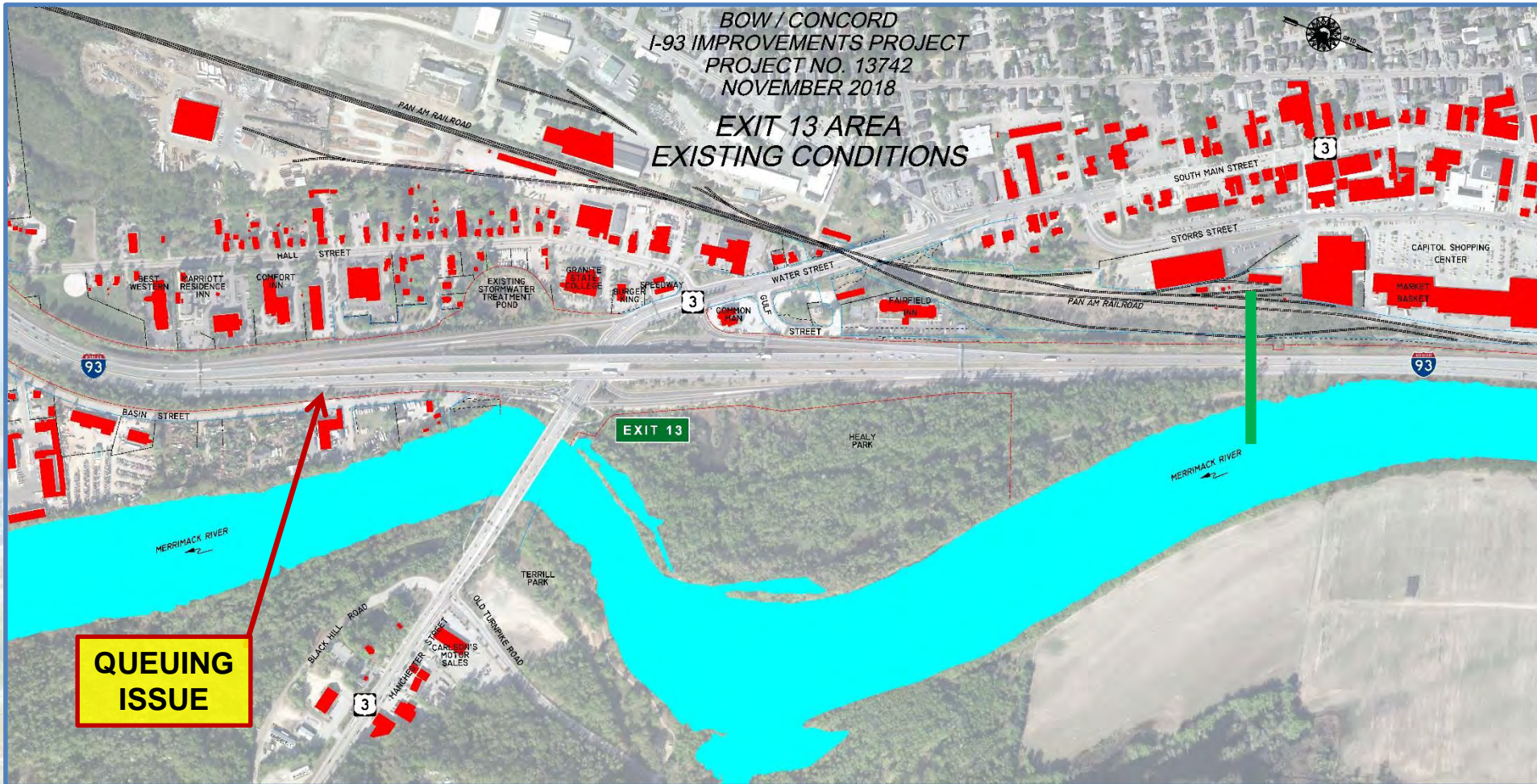
EXIT 12 AREA
EXISTING CONDITIONS



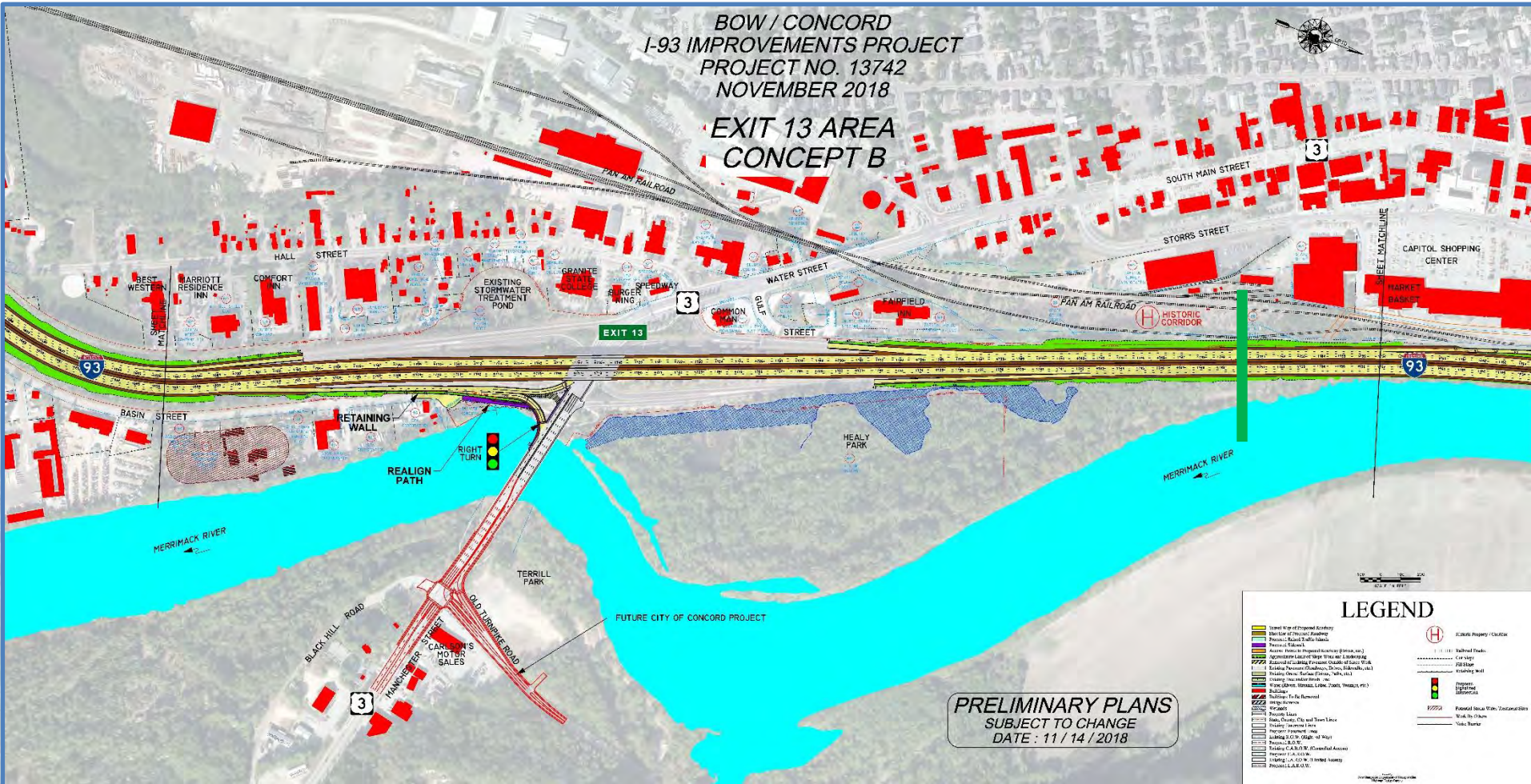
Exit 13 Area - Existing



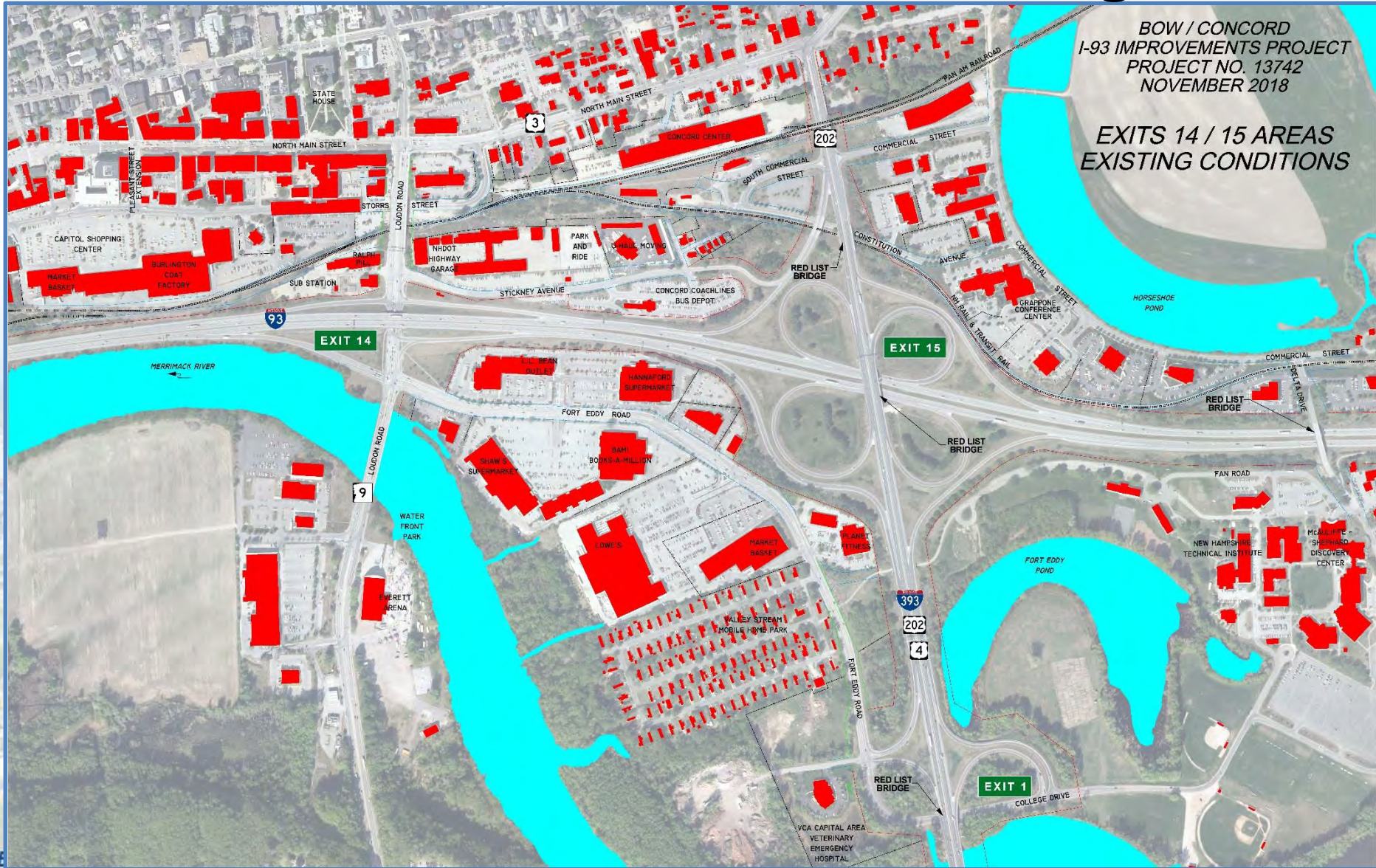
Exit 13 Area - Existing



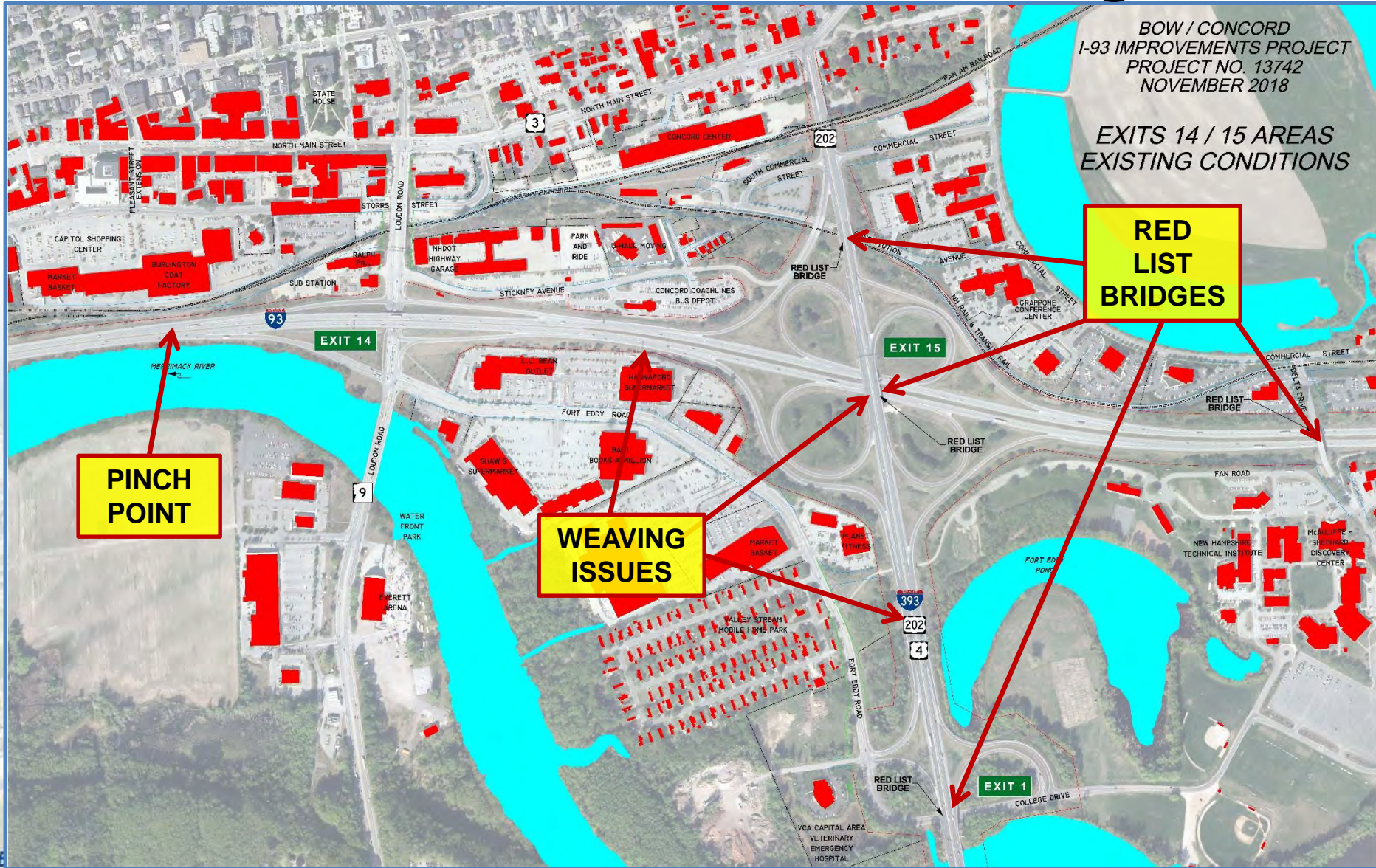
Exit 13 Area - Proposed



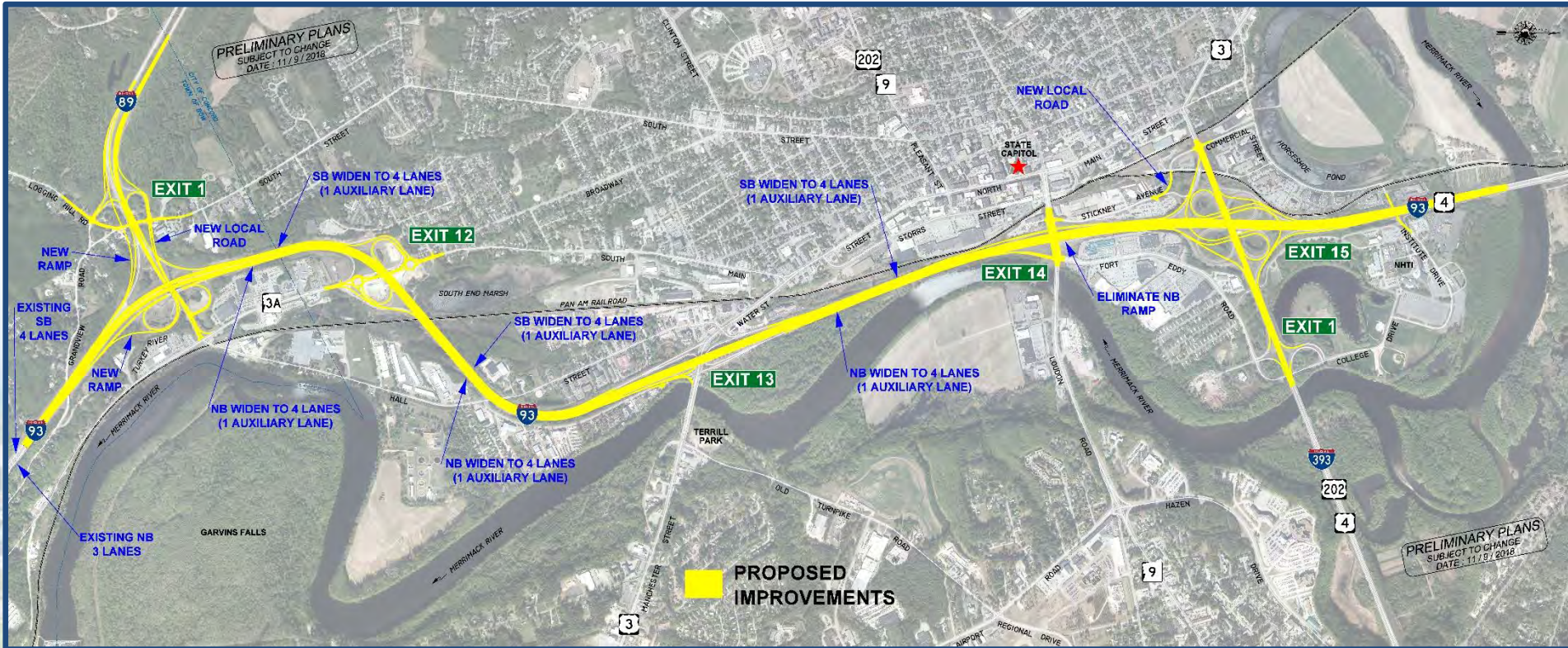
Exit 14 / 15 Area - Existing



Exit 14 / 15 Area - Existing



Recommended Preferred Alternative



**I-89 Area
Concept K**

**Exit 12 Area
Concept F**

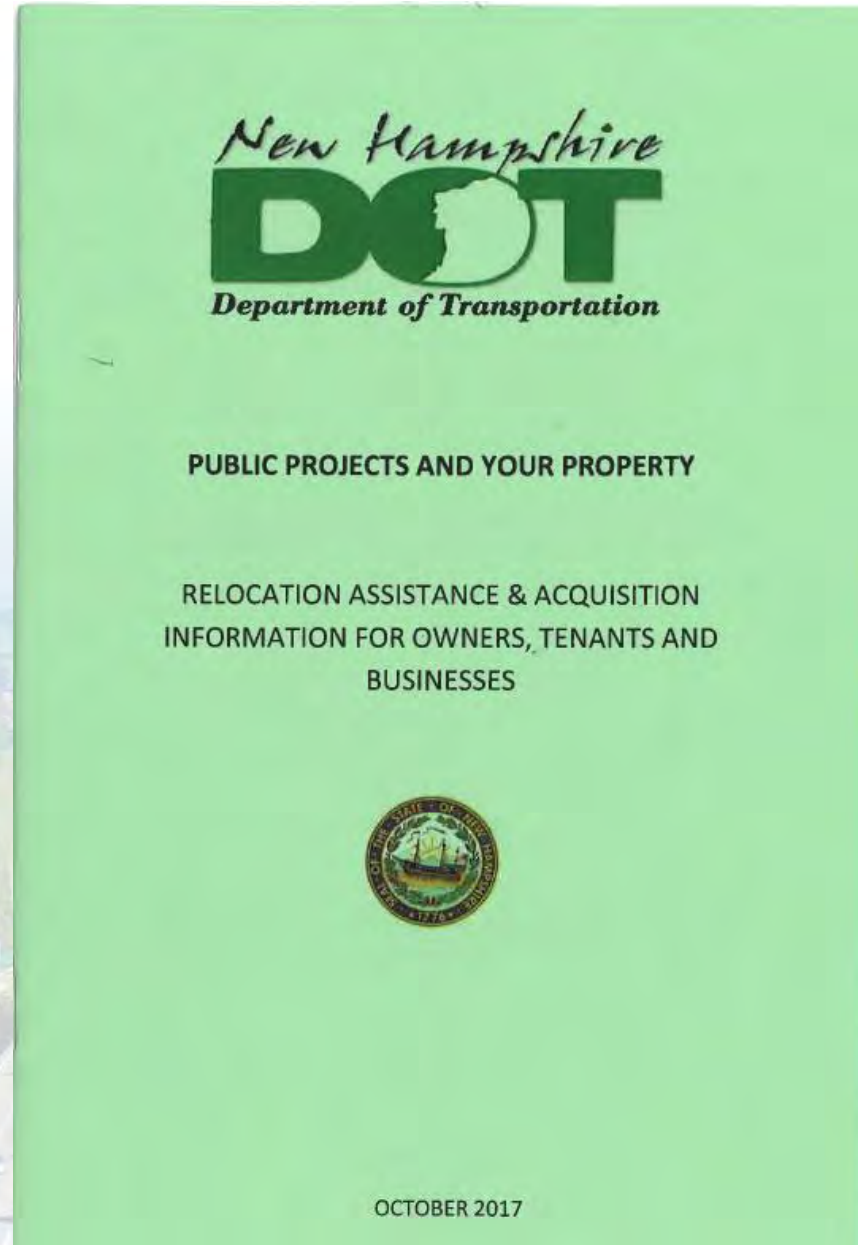
**Exit 13 Area
Concept B**

**Exit 14/15 Area
Concept F2**

Environmental Summary

- Air Quality
- Noise
- Property Acquisition
- Conservation Lands
- Wetlands
- Stormwater
- Floodplains
- Cultural Resources
- Section 4(f) Properties
- Listed Species/EFH
- Environmental Justice
- Visual Quality
- Contaminated Sites

Right of Way Process



Project Costs

Bow Concord I-93 Improvements Project
Preferred Alternative Cost Matrix
 (Millions \$)

SEGMENT	Concept	Construction \$	Right-of-Way \$	Engineering and Permitting \$	Mitigation \$	Utility \$	Total Project \$
I-89 Area	K	\$62.0	\$1.16	\$6.20	\$0.62	\$0.00	\$70.0
Exit 12	F	\$29.5	\$0.09	\$2.95	\$0.30	\$1.00	\$33.9
Exit 13	B	\$34.8	\$0.36	\$3.48	\$0.35	\$0.00	\$39.0
Exit 14/15	F2	\$111.2	\$0.47	\$11.12	\$1.11	\$1.00	\$125.0
Total		\$237.5	\$2.1	\$23.8	\$2.4	\$2.0	\$267.9

(Assessed Value) (10% of Constr.) (1% of Constr + any Major Items.)

Schedule

- Final Environmental Document – Spring 2019
- Final Design / Right of Way Acquisition – 2019 to 2023
- Construction – Begin 2024 with current funding
- Completion – 2033 or sooner



Public Testimony

www.i93bowconcord.com

