



I-293 EXIT 6 & 7 (PART B)

Technical Advisory Committee (TAC)

April 18, 2018

New Hampshire
DOT
Department of Transportation



PROJECT PURPOSE

The purpose of the project is to address capacity, safety, and access related deficiencies along a 3.5-mile portion of I-293 beginning north of Exit 5 and ending north of Exit 7 by:

- Correcting geometric and safety deficiencies while reducing congestion at problem locations;
- Accommodating future traffic growth related to commuter trips and the transportation of commercial goods and services through the corridor; and
- Improving access to the highway consistent with the long-term vision of the communities of Manchester and Goffstown.

PROJECT INPUT

Advisory Committee Meetings

Meeting # 1 – February 2016
Meeting # 2 – April 2016
Meeting # 3 – May 2016
Meeting # 4 – July 2016
Meeting # 5 – November 2016
Meeting # 6 – April 2017
Meeting # 7 – July 2017
Meeting # 8 – April 2018

Public Informational Meetings

Meeting # 1 – August 2016
Meeting # 2 – June 2017

Public Officials Meetings

Manchester Community College – August 2016
Southern NH Planning Commission – September 2016
Manchester Staff – December 2016
Goffstown Staff – January 2017
Goffstown Selectmen – March 2017
Manchester Chamber Infrastructure Committee – March 2017
Manchester Mayor and City Staff – August 2017
Manchester Mayor and City Staff – February 2018

Resource Agency Meetings

Meeting # 1 – August 2016
Meeting # 2 – March 2017
Meeting # 3 – June 2017

IT'S DECISION TIME!

WE NEED TO SETTLE ON A PROPOSED ACTION

STATUS OF DECISIONS ON MAJOR ELEMENTS

1. I-293 Mainline



2. Exit 7



3. Exit 6

Very Close

I-293 MAINLINE

I-293 Mainline – Additional lane in each Direction



I-293 MAINLINE RESOURCE CONSTRAINTS

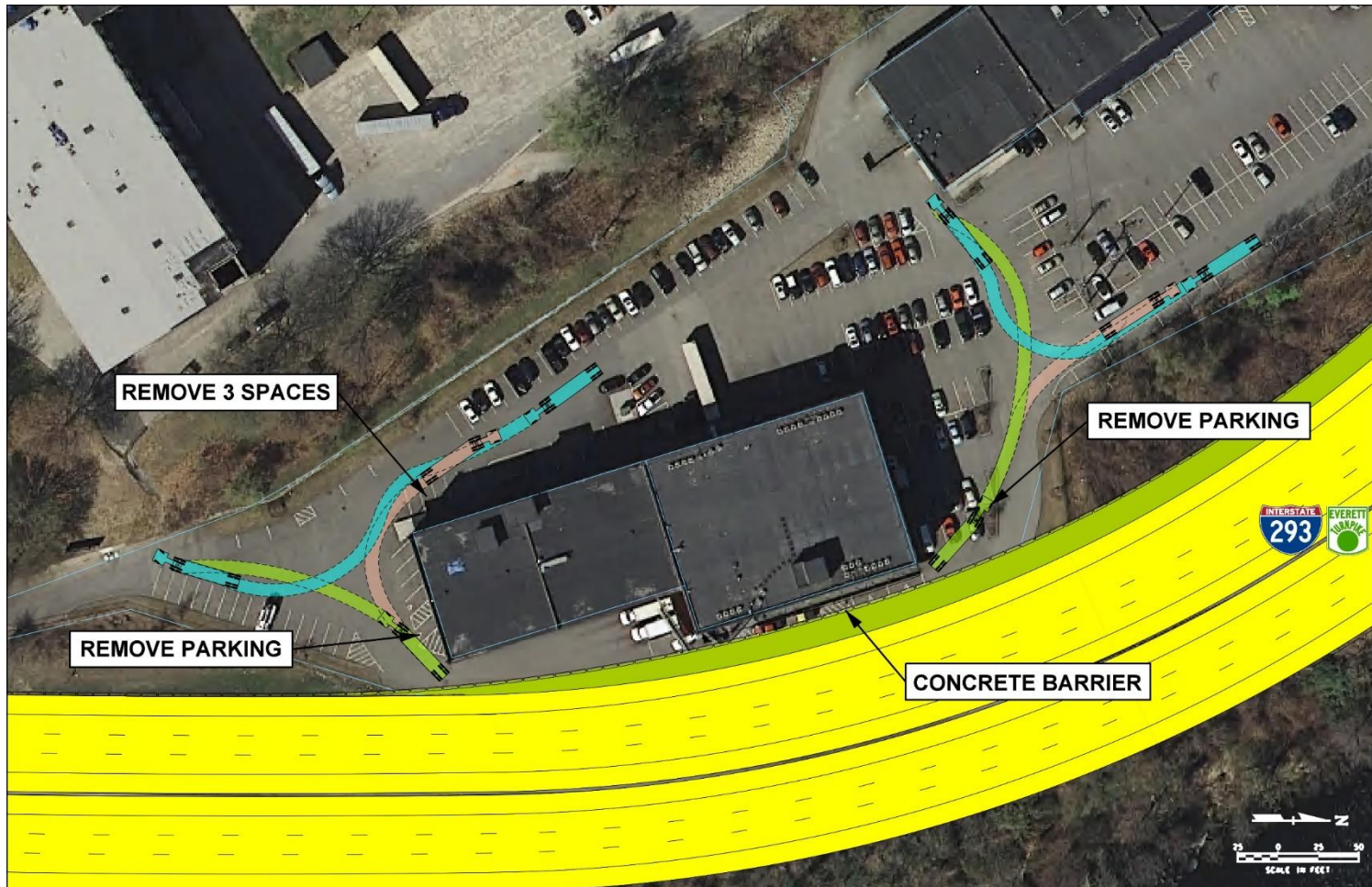


Merrimack River



Cotton Duck Building

COTTON DUCK BUILDING — FIRE ACCESS



EXIT 7

Exit 7 – Relocated Interchange

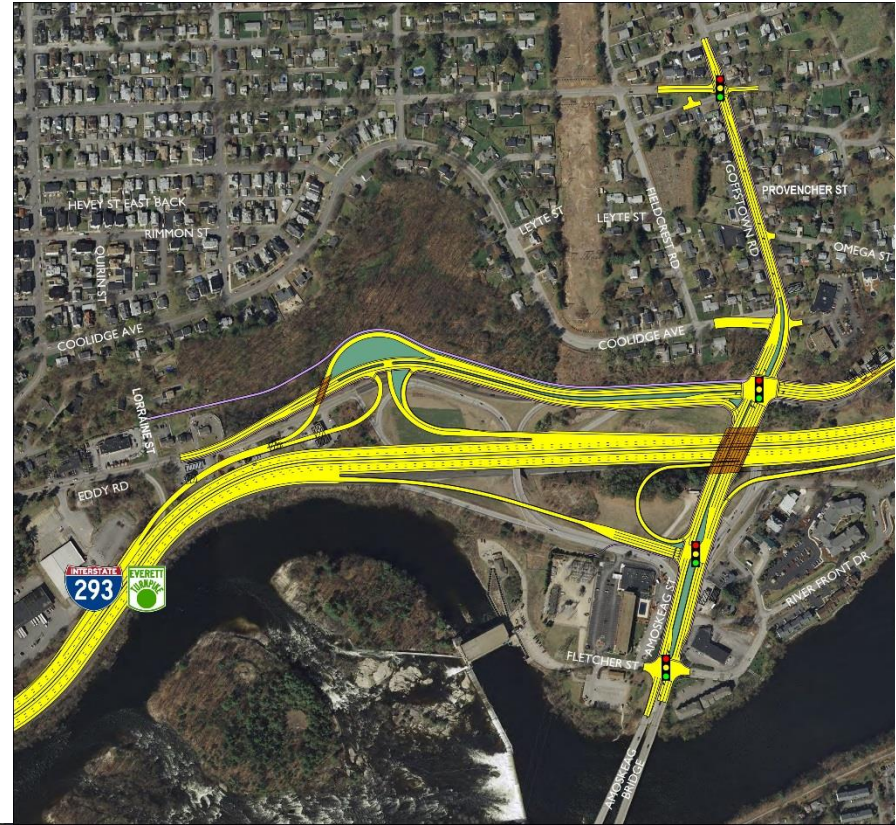


EXIT 6

EXIT 6 ALTERNATIVES

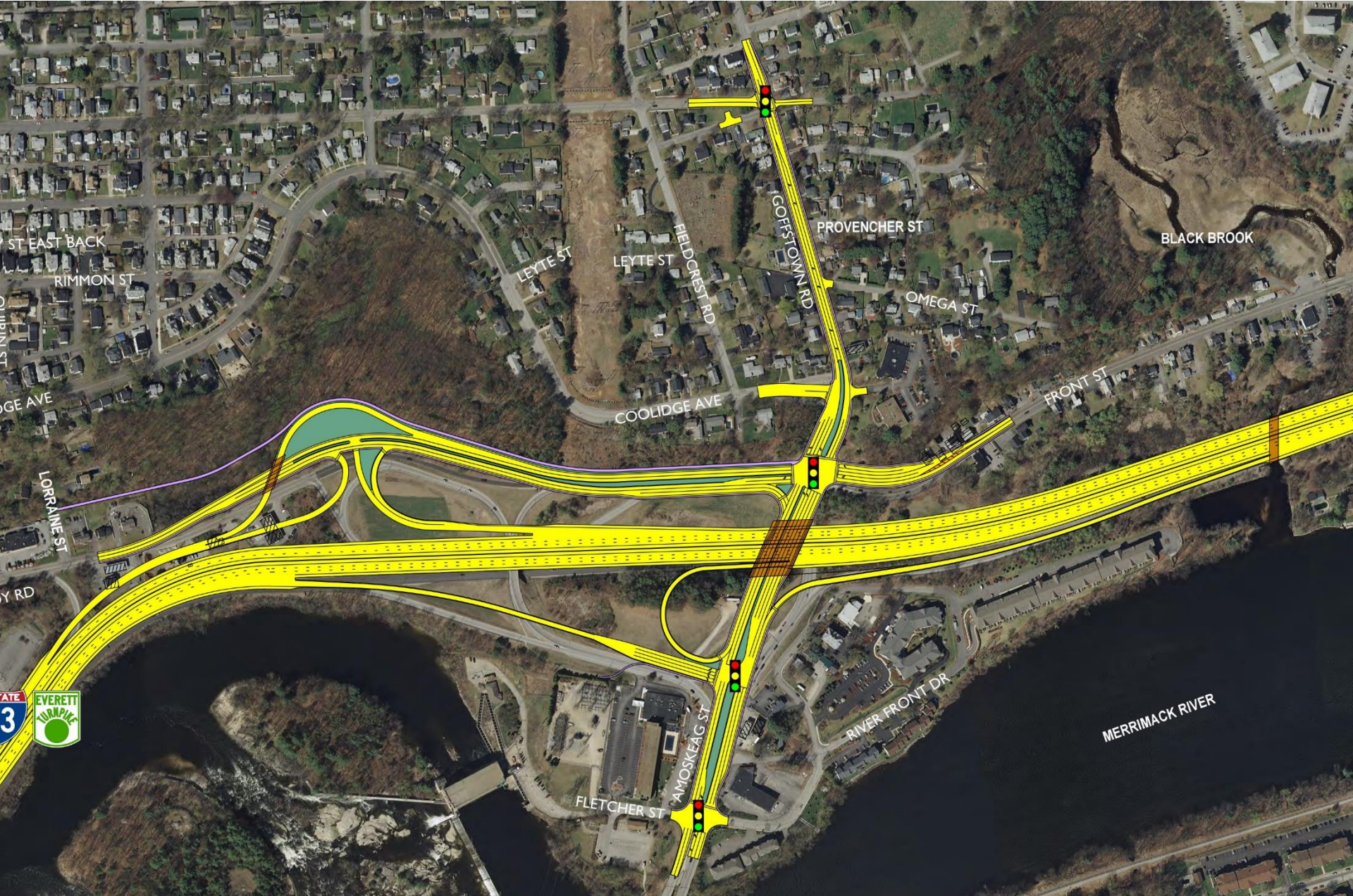


Modified SPUI

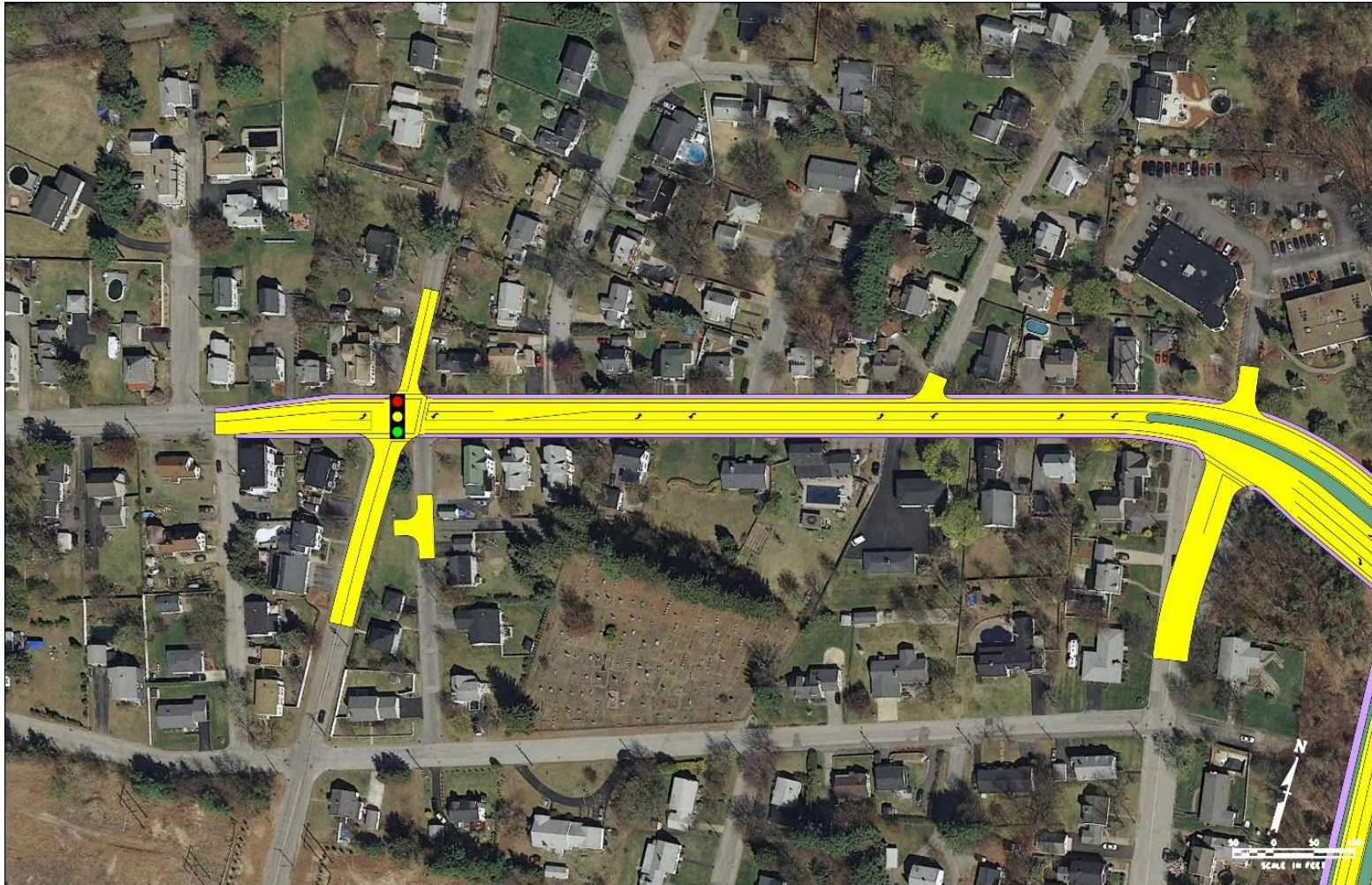


Offset Diamond

Exit 6 – Offset Diamond Interchange

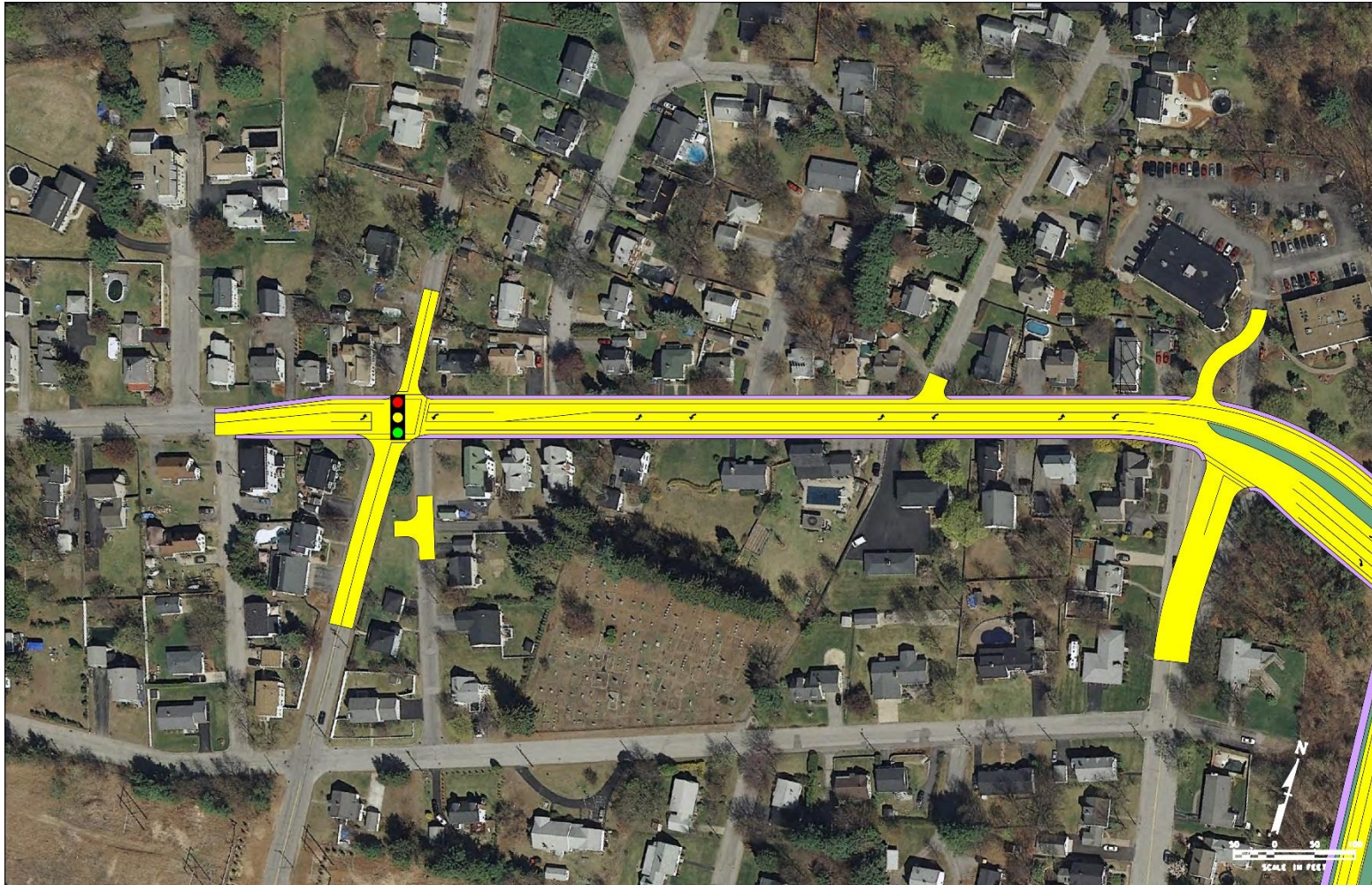


Need to Upgrade Montgomery St and Goffstown Rd



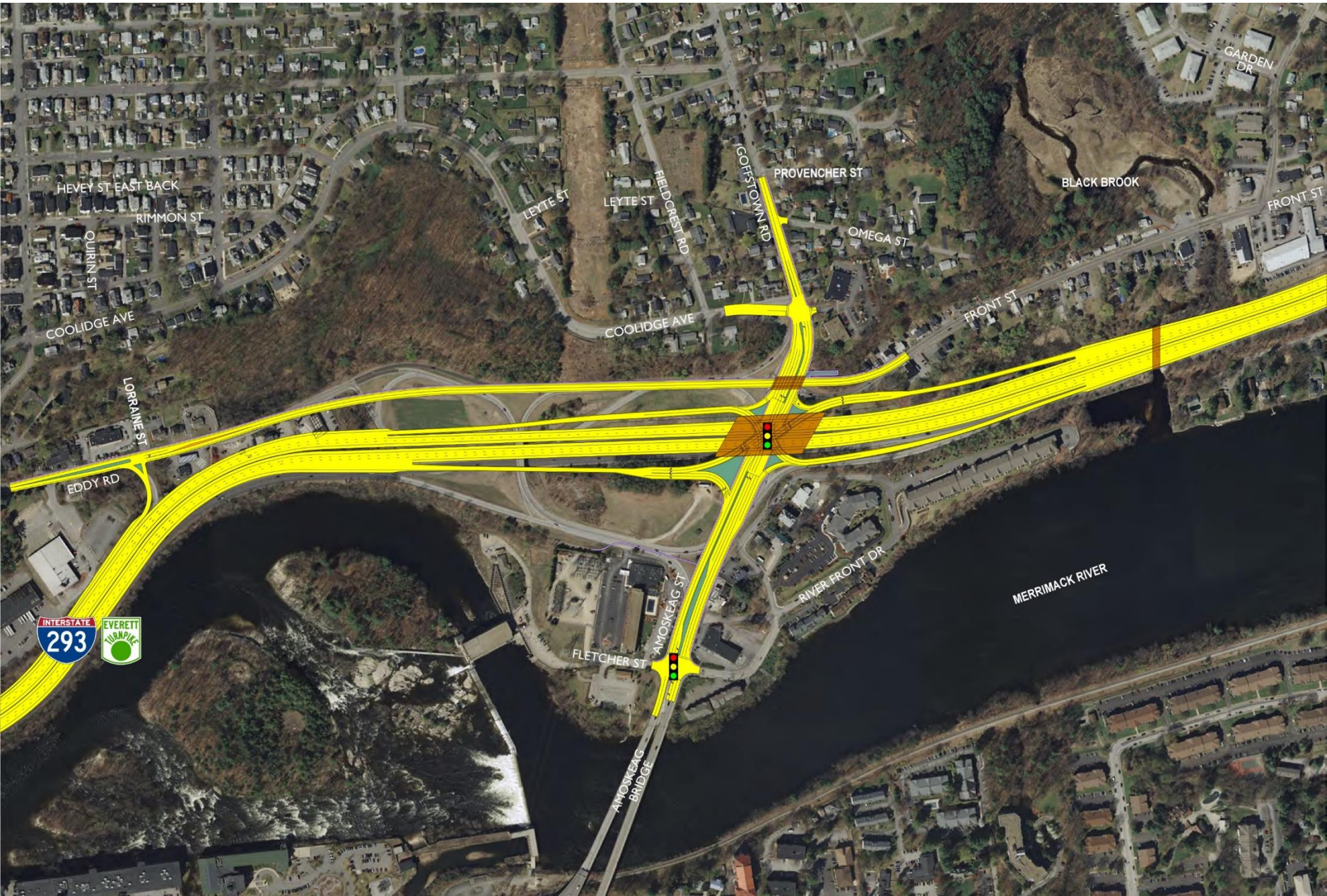
Median's
impact to
business

Need to Upgrade Montgomery St and Goffstown Rd



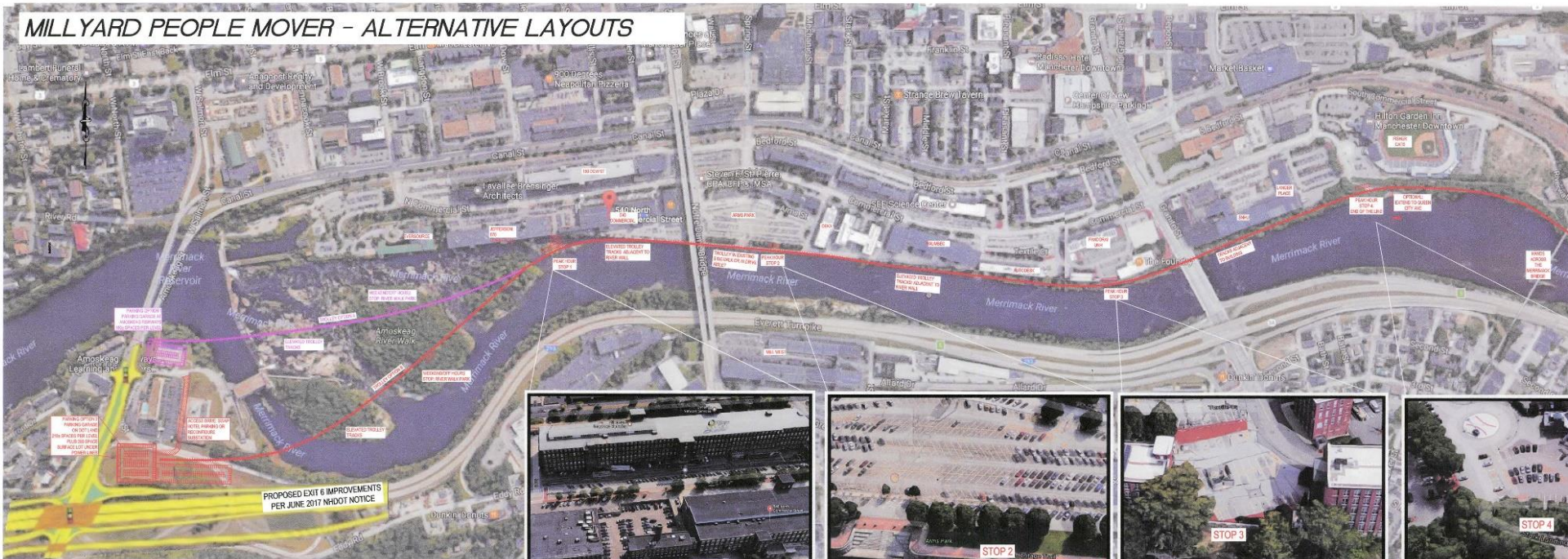
Median's
impact to
business

Exit 6 – Modified SPUI with Local Bike/Ped Front St

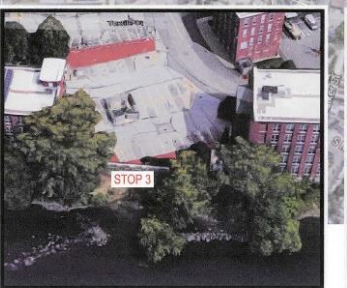
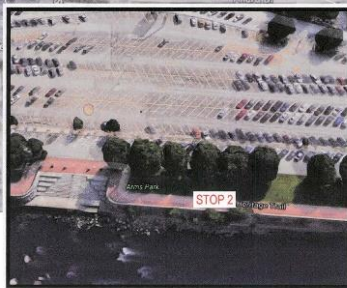
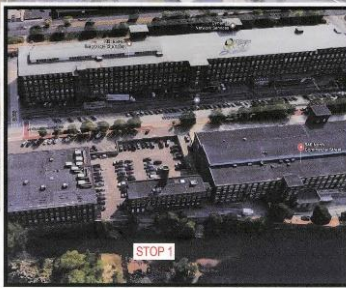


Exit 6 – Millyard People Mover

MILLYARD PEOPLE MOVER - ALTERNATIVE LAYOUTS



PARKING GARAGE OPTIONS



GENERAL NOTES:

- 1) THE PURPOSE OF THIS CONCEPT PLAN IS TO DESIGN A FEASIBILITY STUDY FOR THE CONSTRUCTION OF A PEOPLE MOVER FROM THE AMOSKEAG CIRCLE TO THE MILLYARD. ALL FEATURES SHOWN ARE CONCEPTUAL AND WILL BE SUBJECT TO ADDITIONAL STUDIES TO DETERMINE FEASIBILITY.
- 2) CHALLENGES WILL BE OBTAINING LAND/RIGHTS OF WAY, PHYSICAL CONSTRUCTION (ELEVATION, BEING EXISTING INFRASTRUCTURE, HEAVY EXISTING DRIVEWAYS, OTHER CROSSING, CROSSING UNDER DOWNTOWN STREET, ETC.) AND ENVIRONMENTAL PERMITTING.
- 3) ASSES WETLAND PERMITTING FOR DISTURBANCES TO WETLANDS WILL BE REQUIRED.

MILLYARD PARKING NOTES

- EXISTING MILLYARD PARKING
- TOTAL SPACES = 4,800+/-
 - TOTAL SQUARE FOOTAGE = 3,700,000 S.F.

PEAK HOUR SCHEDULE (RIVERFRONT)		
	Arrive	Depart
Garage		800
Stop 1	800	805
Stop 2	804	805
Stop 3	806	808
Stop 4	809	811
Stop 1	812	813
Stop 2	814	816
Stop 1	817	818
Garage	819	821

Assumes 20mph average speed

Assumes 90 seconds at each stop

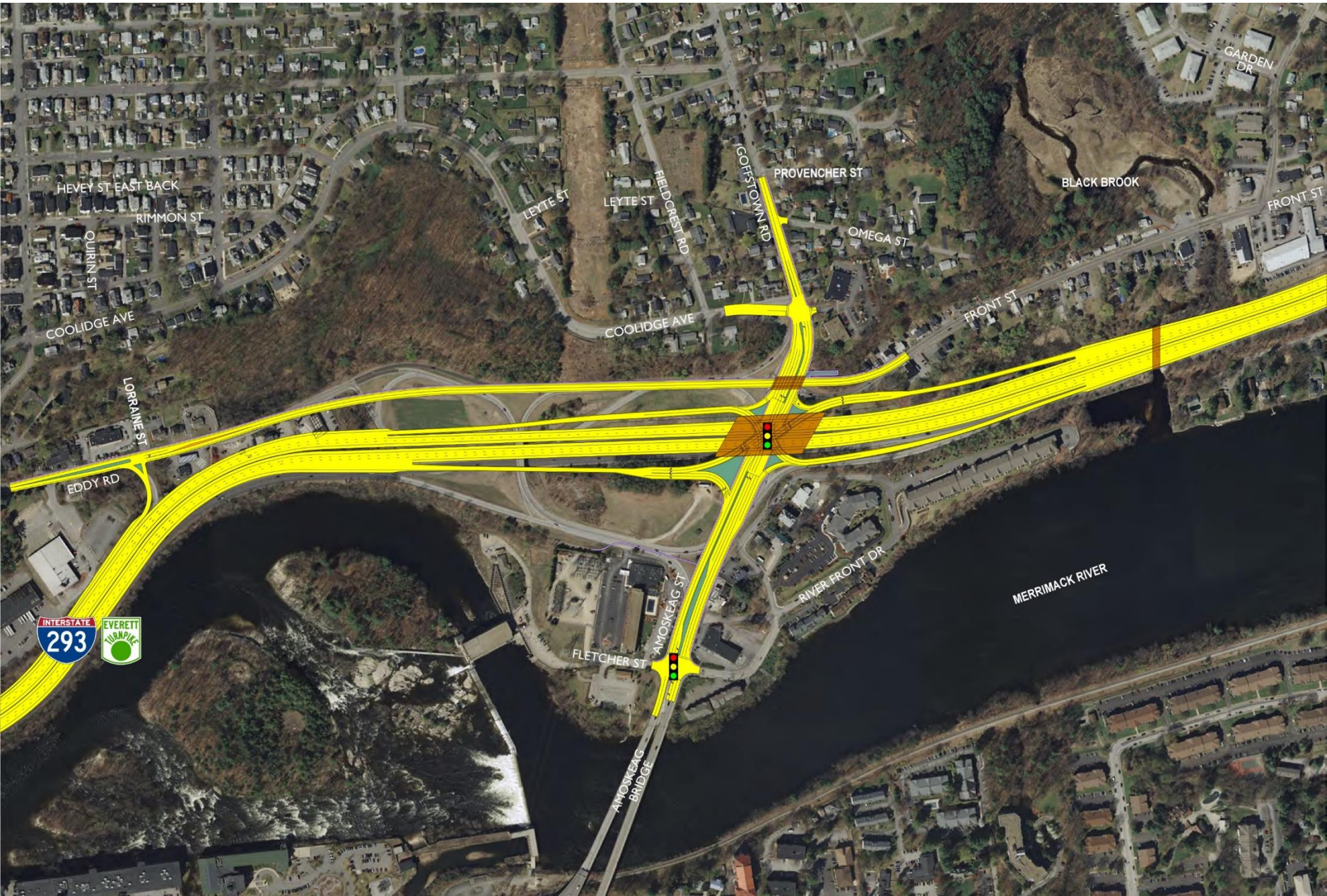


ALTERNATE CANAL STREET TROLLEY ROUTE



SURFACE PARKING/OVER HIGHWAY ALTERNATIVE

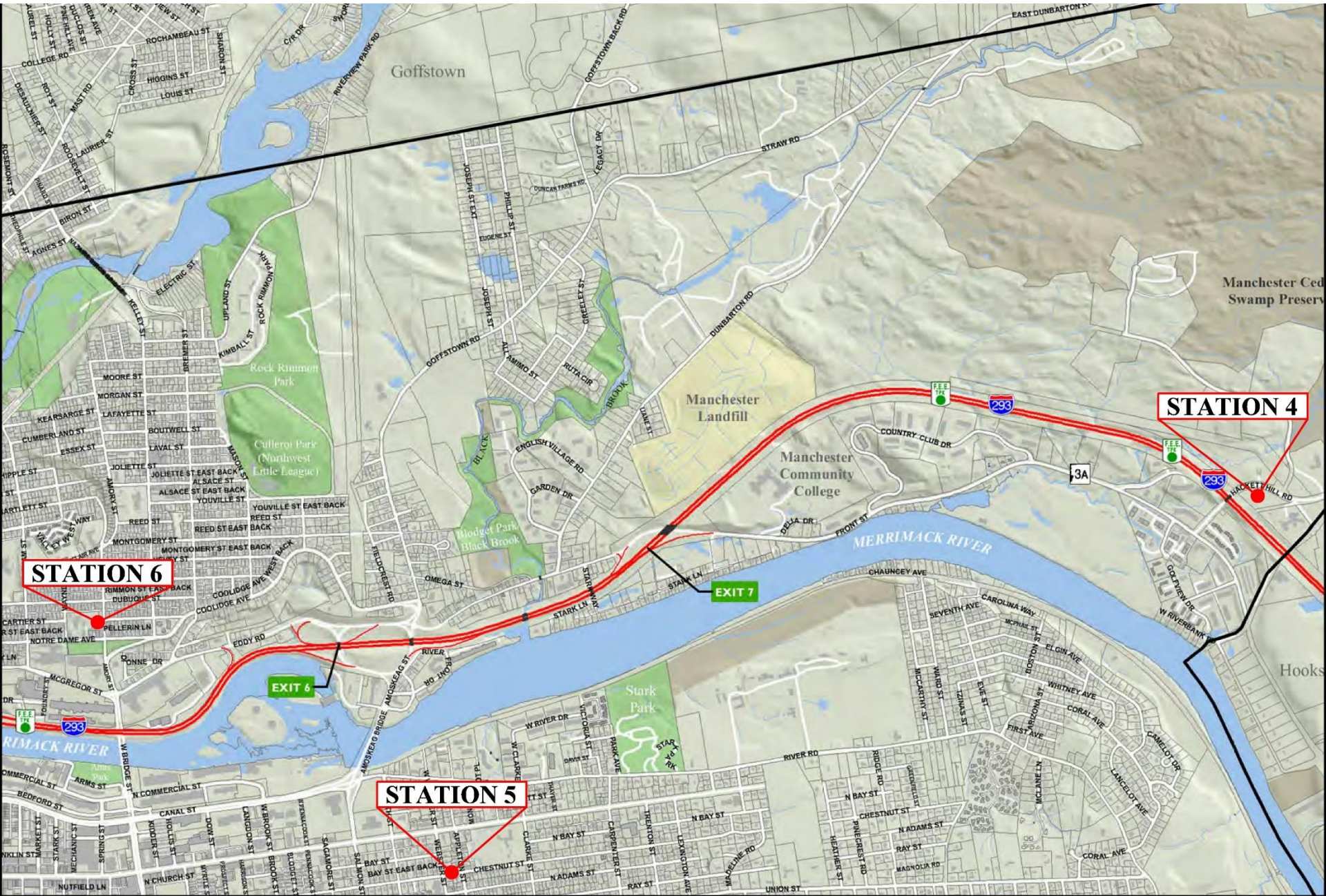
Exit 6 – Modified SPUI with Local Bike/Ped Front St



Exit 7 – Relocated Interchange



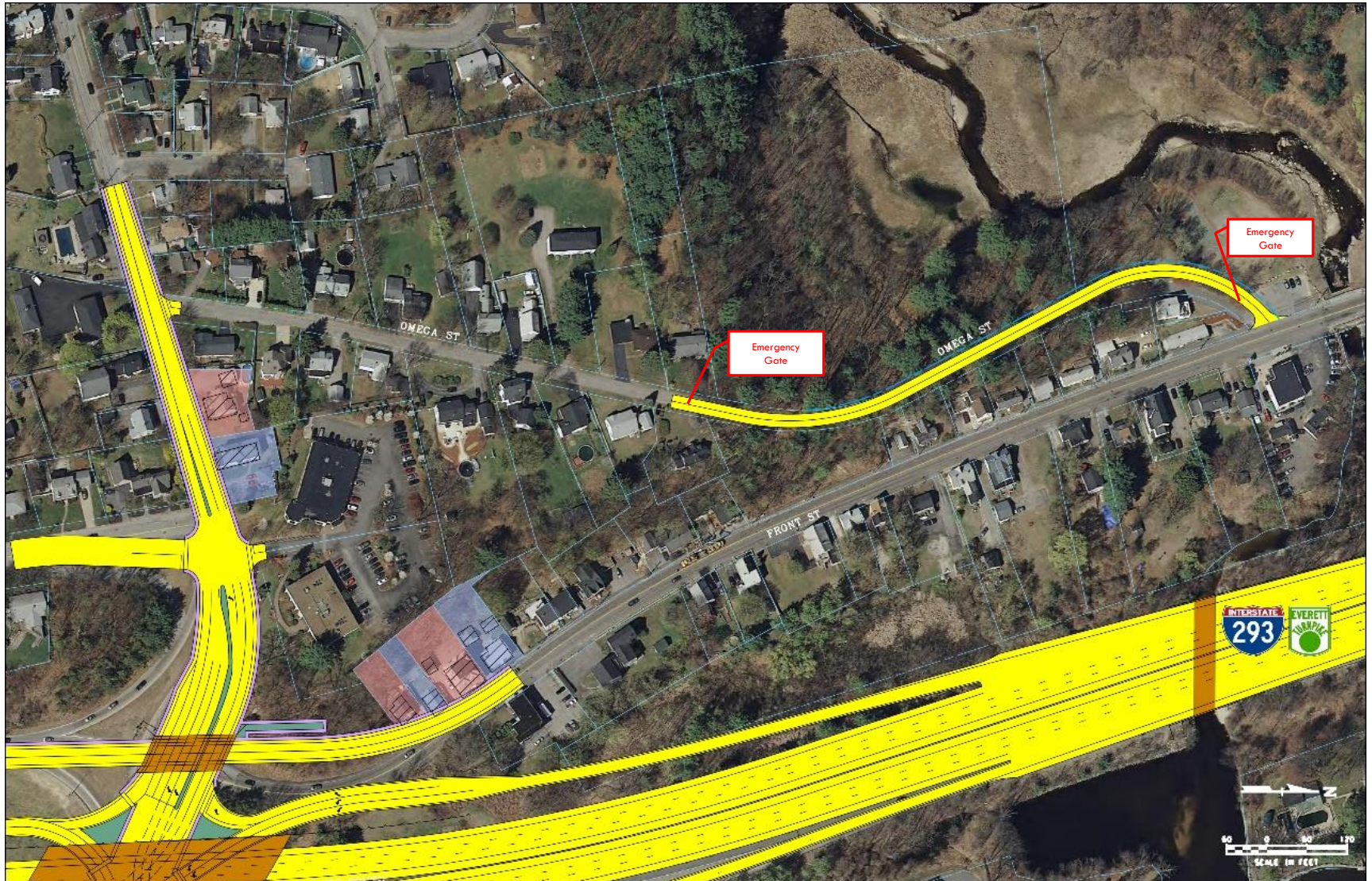
Fire Department Response to Dunbarton Road



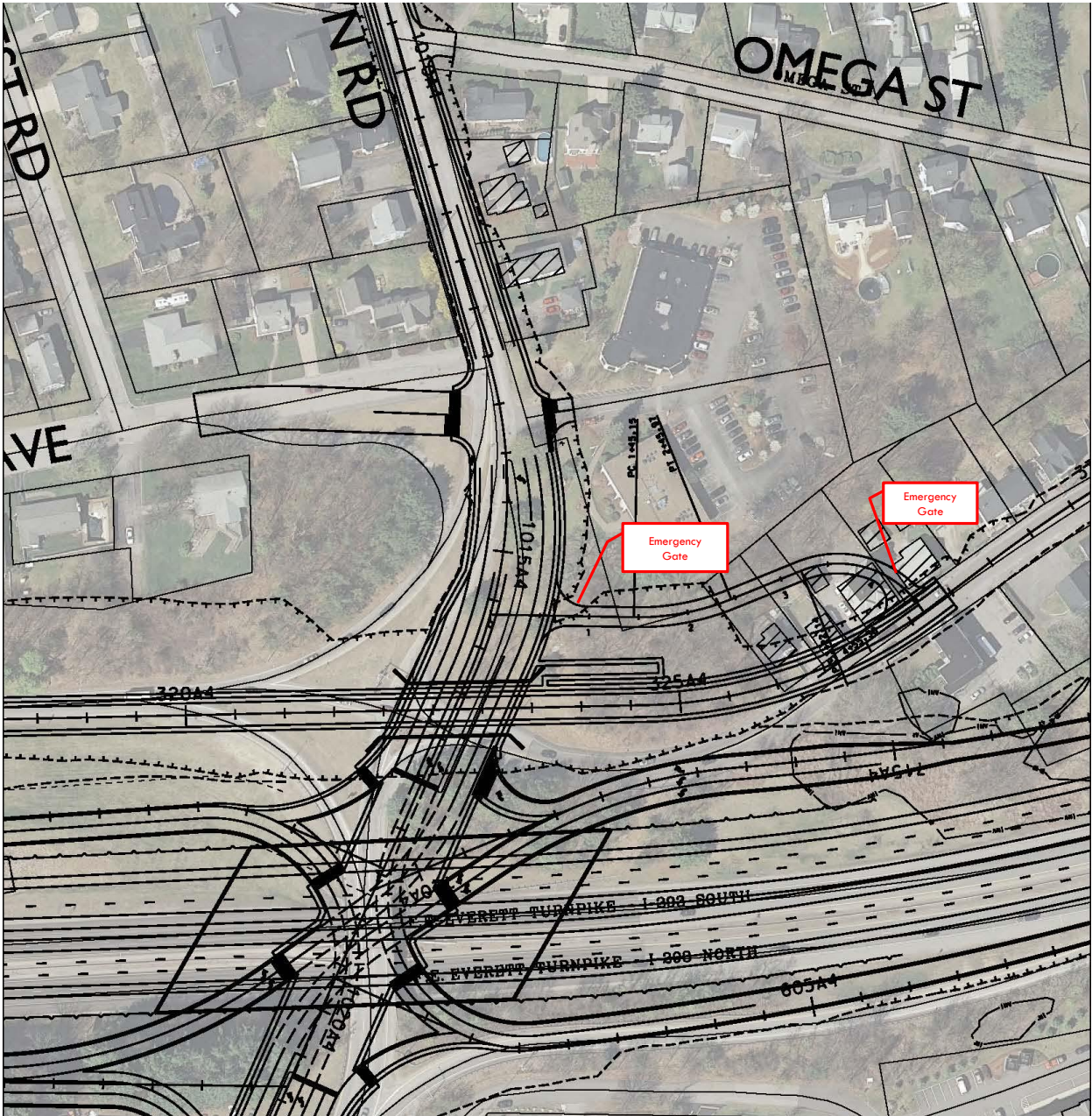
Emergency Vehicle Access – Omega St



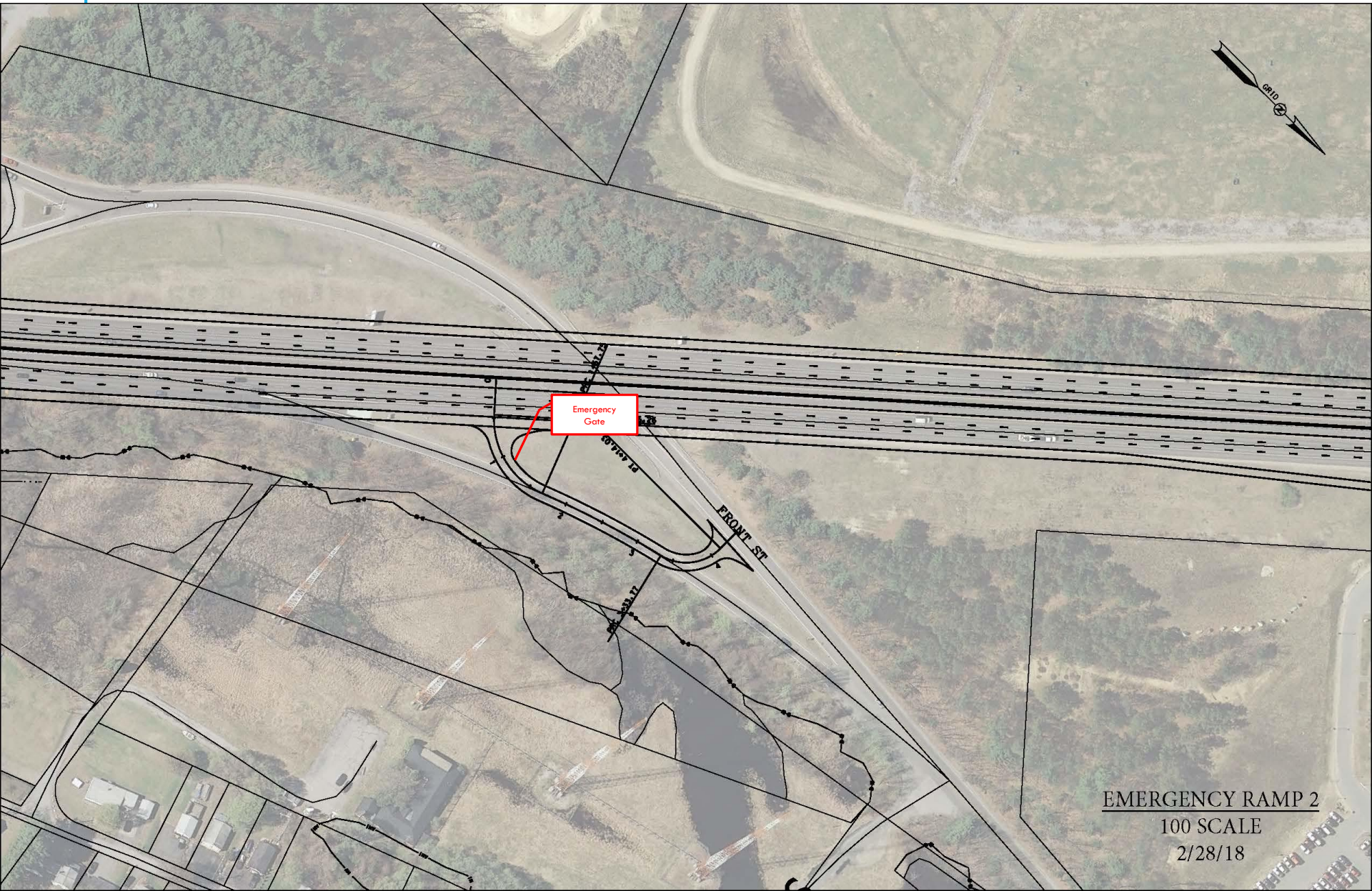
Emergency Vehicle Access – Omega St



Emergency Vehicle Access – SPUI to Front St

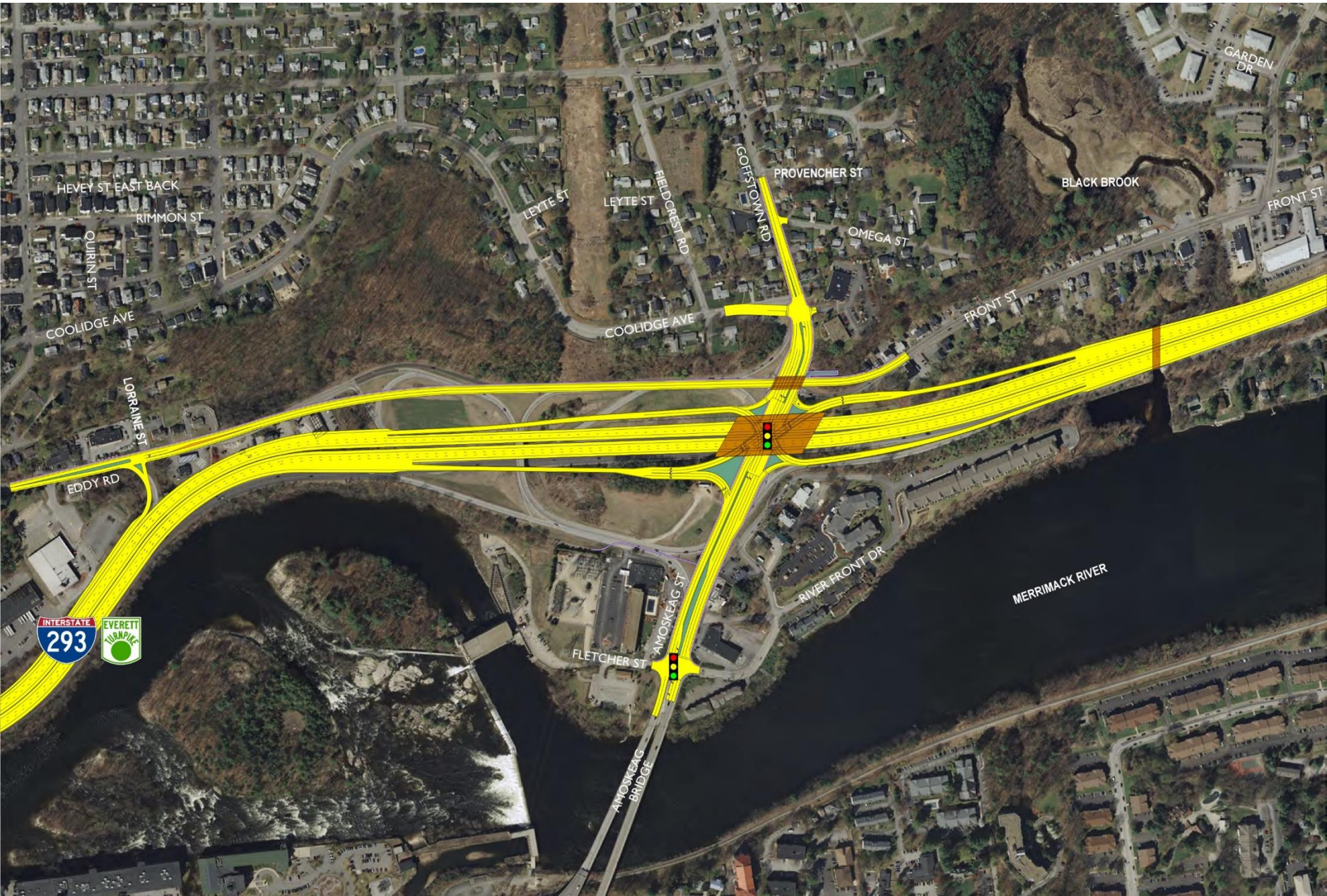


Emergency Vehicle Access – I-293 NB to Front St



EMERGENCY RAMP 2
100 SCALE
2/28/18

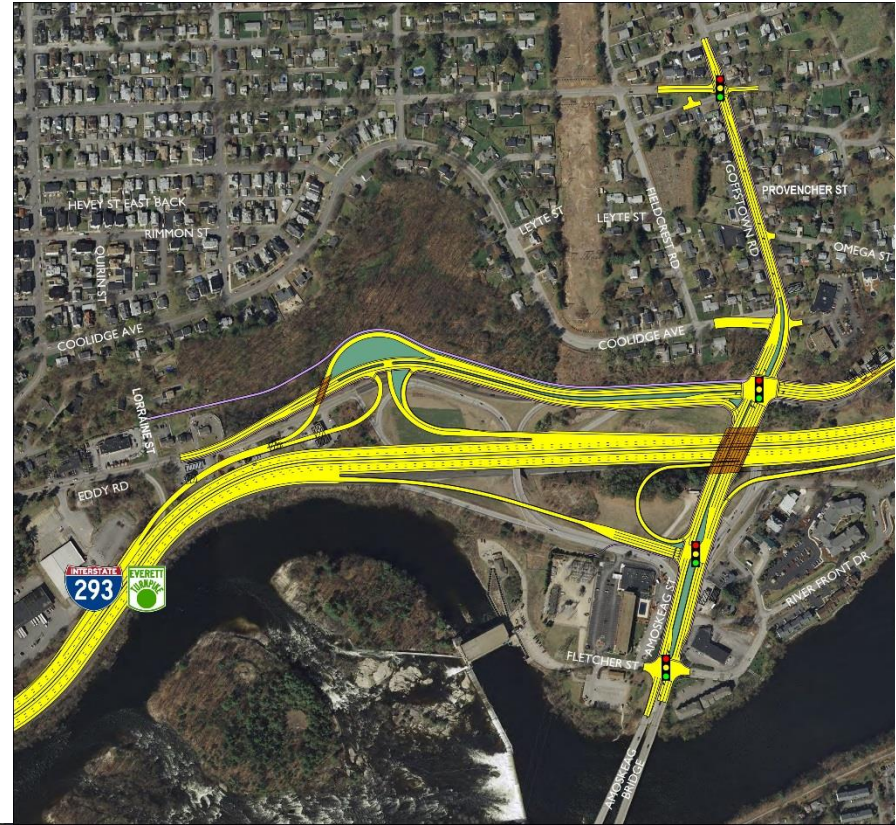
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EXIT 6 ALTERNATIVES



Modified SPUI

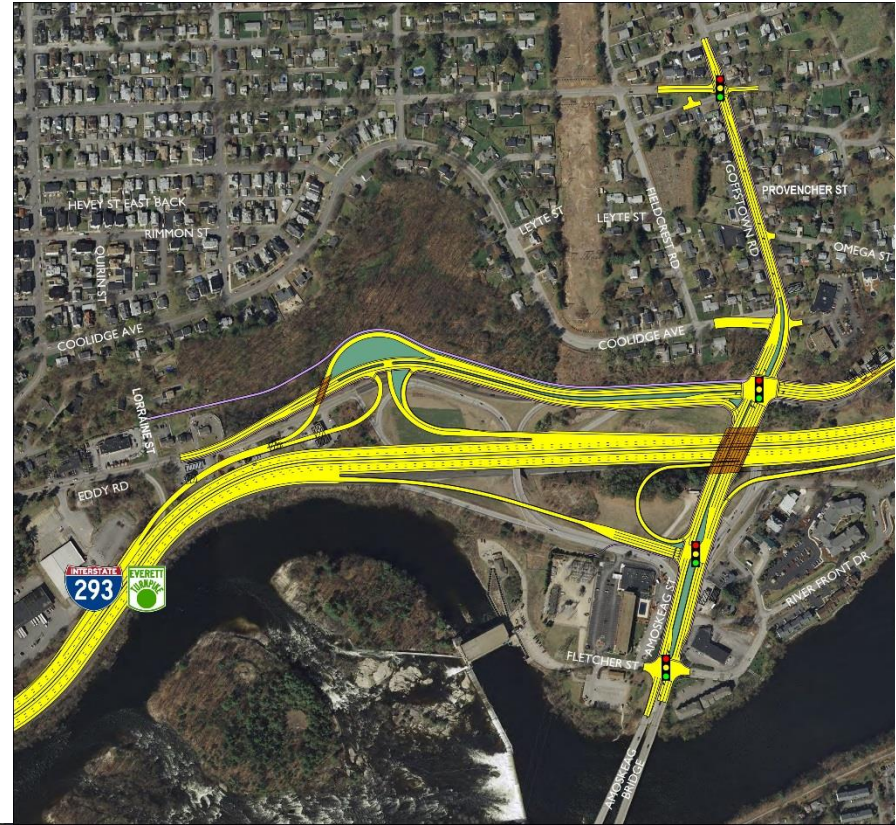


Offset Diamond

EXIT 6 ALTERNATIVES



Modified SPUI

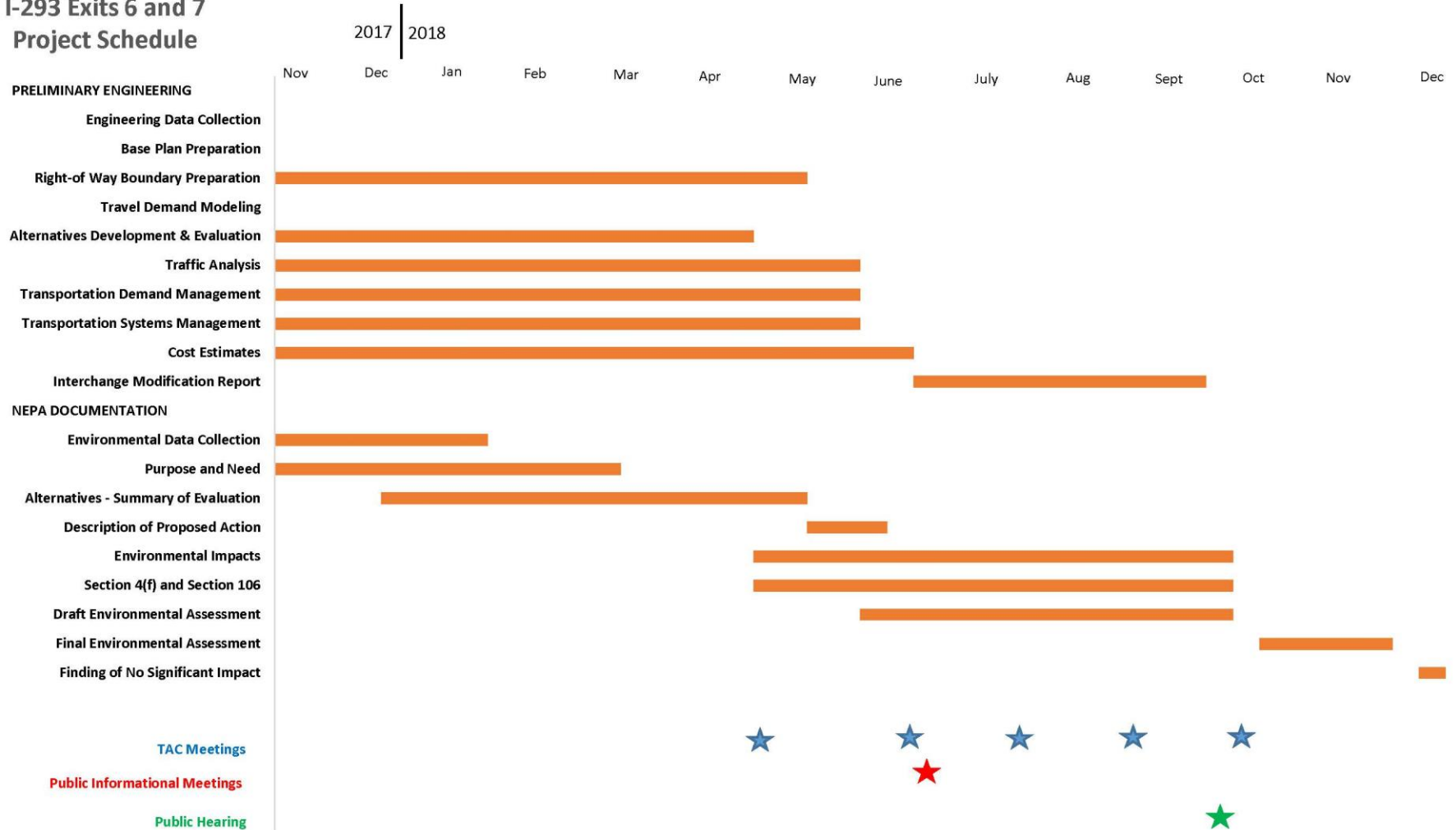


Offset Diamond

SCHEDULE

Project started
in Oct. 2015

I-293 Exits 6 and 7 Project Schedule





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