



Jaffrey US 202 (Part A)

Advisory Committee #6
May 29, 2018



ONE YEAR RECAP

May 2017
Meeting # 1

Committee Roles and Responsibilities
Project History/Study Overview
Public Outreach
Study Schedule
Data Collection

June 2017
Meeting # 2

Existing Traffic Conditions
Purpose and Need Statement

Sept 2017
Meeting # 3

Purpose and Need Statement
Env. & Cultural Resource Mapping
Future Year Traffic Volumes
Defining Alternatives

1st Newsletter



Oct 2017 Public Meeting

Oct 2017
Meeting # 4

Discussed Input from Public Meeting
"Poynton Regenerated" video

Feb 2018 Public Workshop

Feb 2018
Meeting # 5

Traffic Signal Upgrade
Build Alternatives

2nd Newsletter



March 2018 Select Board

May 2018
Meeting # 6

Proposed Action



STUDY/PROJECT SCHEDULE RECAP

Phase 1 (Spring/Summer 2017)
Data Collection/Problem Identification

Phase 2 (Fall 2017/Winter/Spring 2018)
Develop, Evaluate, & Screen Alternatives

Phase 3 (Summer/Fall 2018)
Environmental Documentation

Anticipated Construction 2022-2024

Proposed Action

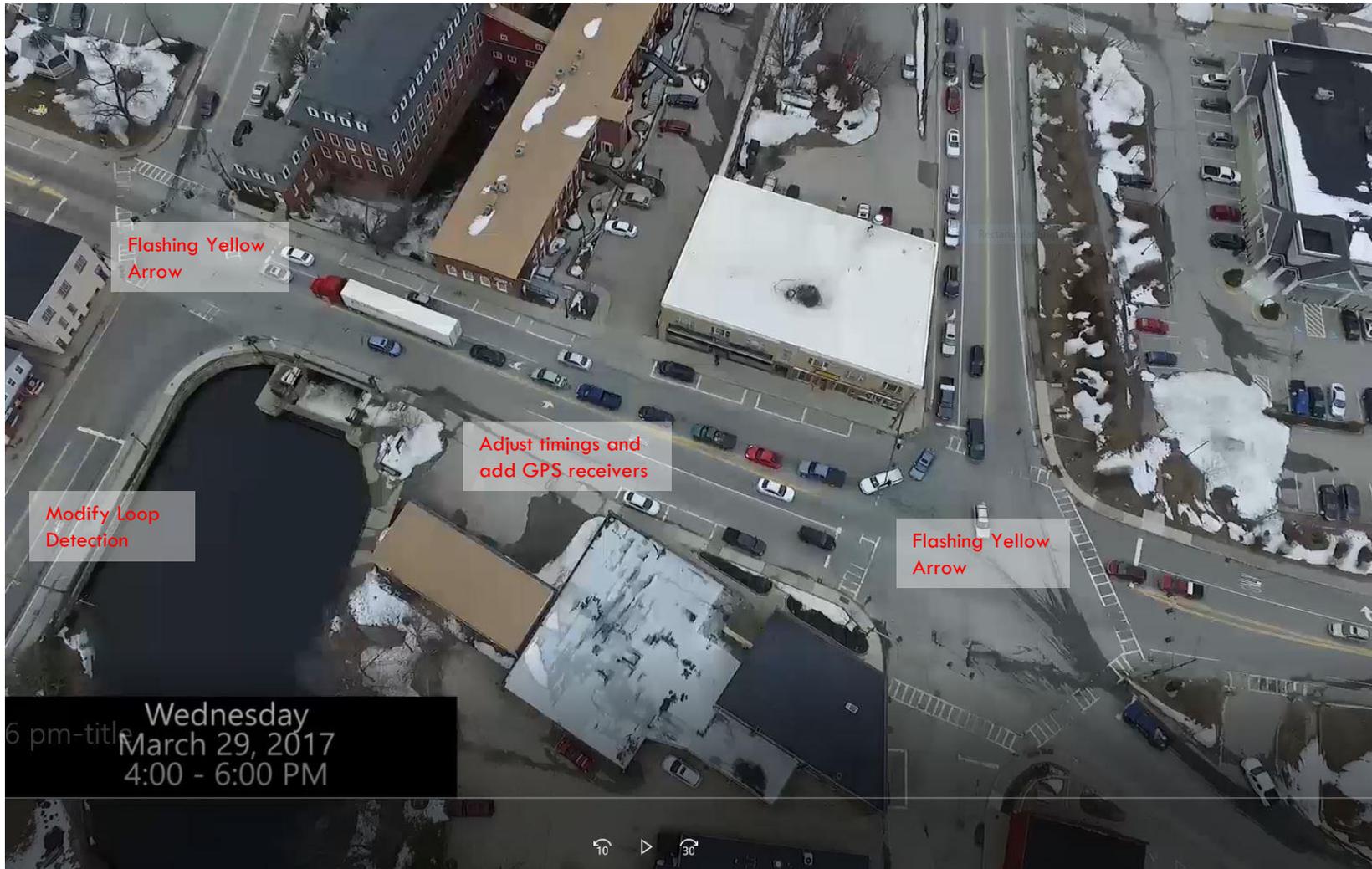
THE PROBLEM



OPPORTUNITIES TO ADDRESS THE PROBLEM

- **TSM Alternatives** (Improve Efficiency of Signals)
- **Build Alternatives**

INTERIM SIGNAL ENHANCEMENTS



BUILD ALTERNATIVES





Alternative 1



Alternative 2



Alternative 3



Signal - 5 Leg



Signal - 4 Leg



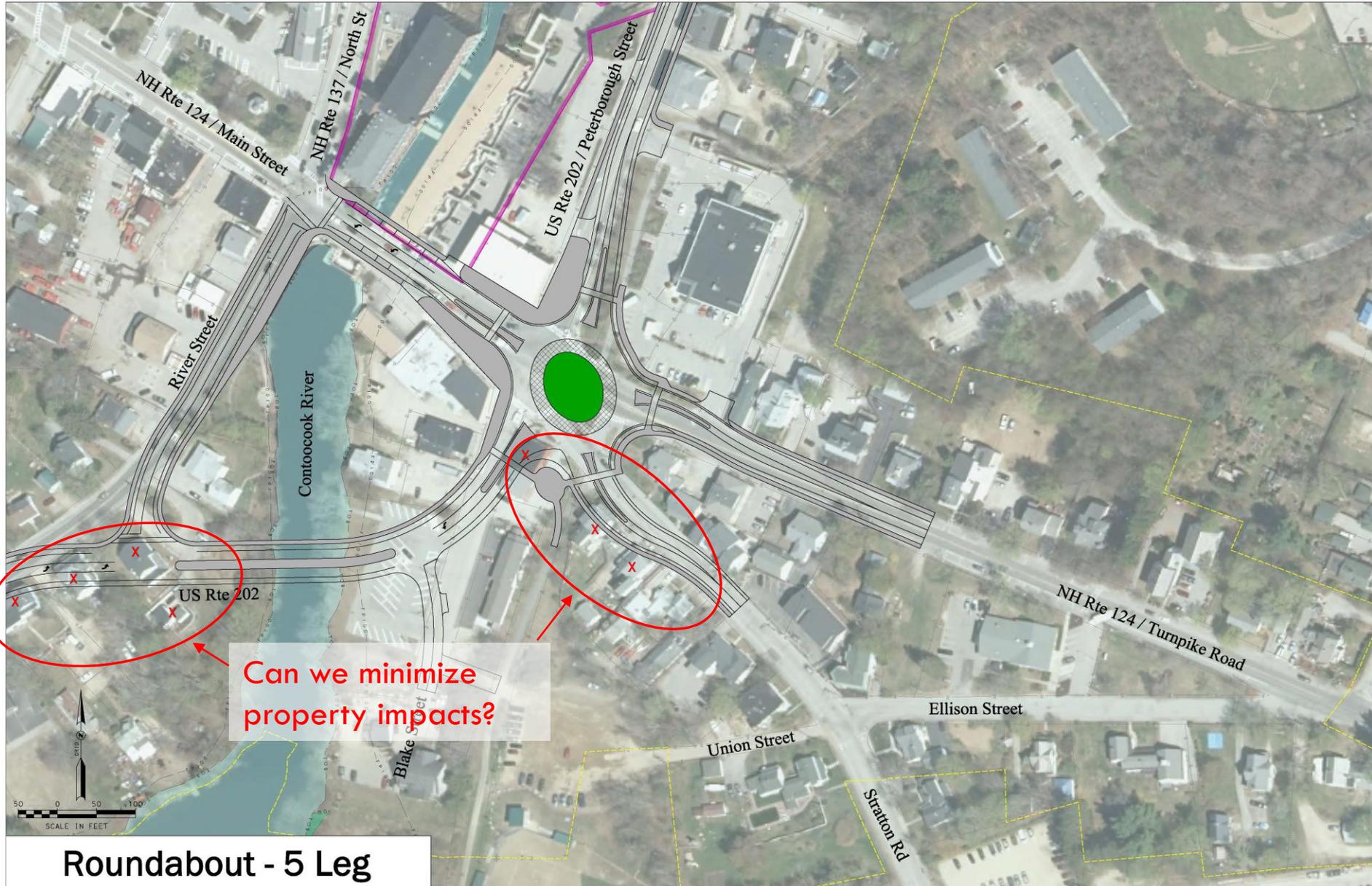
Roundabout - 4 Leg



Roundabout - 5 Leg

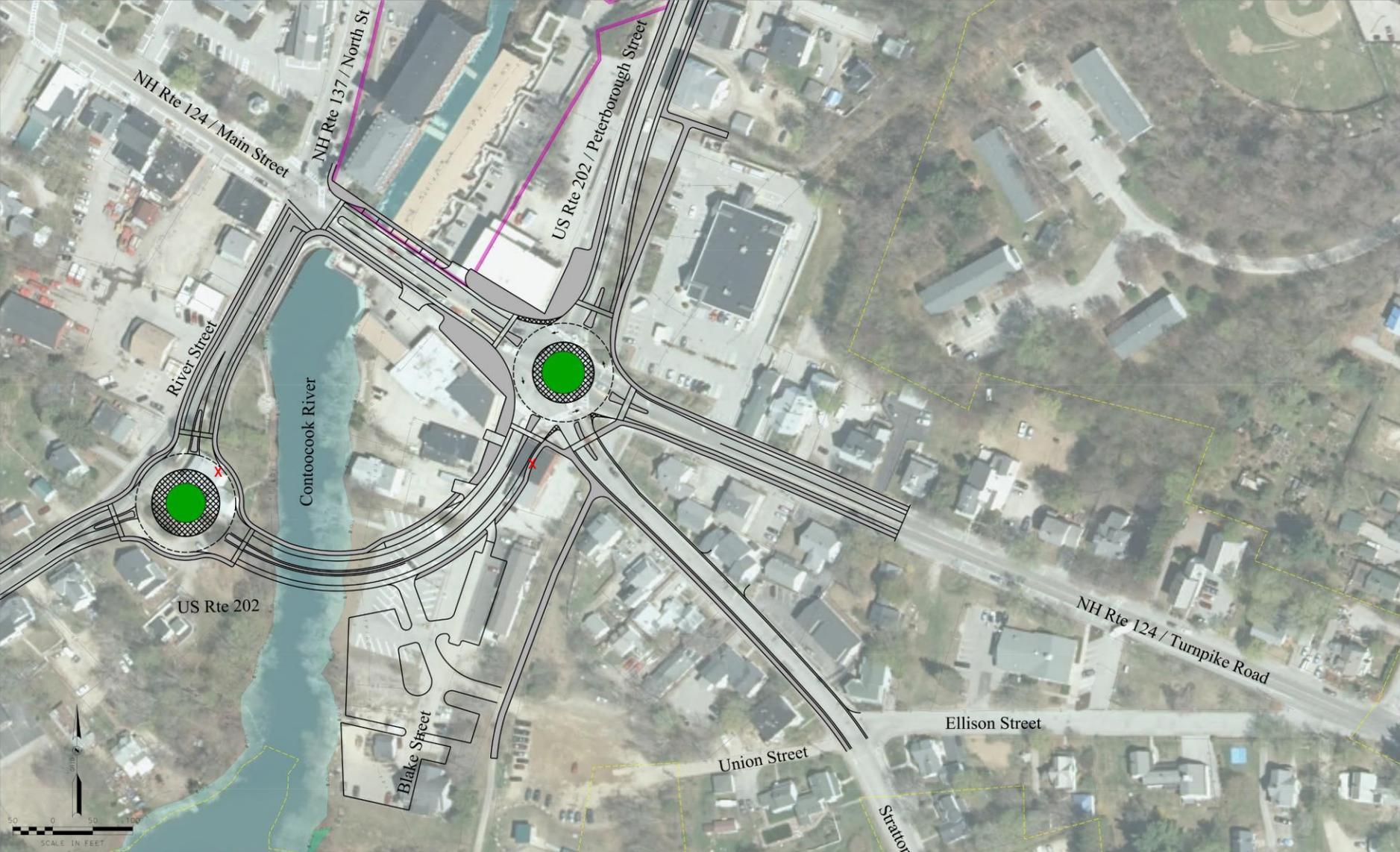
INITIAL SCREENING OF ALTERNATIVES

		No Build	Alignment Alternatives			Intersection Alternatives			
			Alt 1	Alt 2	Alt 3	Five-Leg Signal	Four-Leg Signal	Five-Leg Roundabout	Four-Leg Roundabout
Meets Project Purpose?		No	Yes						
Construction Cost (2018 Dollars)			\$4.8 M	\$9.4 M	\$14.8 M	\$2.4 M	\$2.4 M	\$ 2.1 M	\$1.9 M
Impacts		Metric							
Wetlands	Wetland Impact (acres)	0	0.0	0.9	1.2	0	0	0	0
	Contoosook River Bank Impacts (lin ft)	0	15	292	38	0	0	0	0
	Other Stream Impacts (lin ft)	0	0	393	392	0	0	0	0
Water Quality	New Impervious Surface (acres)	0	0.5	2.0	2.0	0.2	0.3	0.2	0.2
Floodplain	100-year Floodplain Fill (acres)	0	0.0	0.9	1.3	0	0	0	0
	Floodway Impacts?	No	No	Yes	Yes	No	No	No	No
Groundwater Resources	New Impervious Surface - Stratified Drift (acres)	0	0.3	0.5	0.7	0.3	0.4	0.3	0.3
	New Impervious Surface - WHPA (acres)	0	0.0	0.1	0.4	0.0	0.1	0.0	0.1
Threatened and Endangered Species/Habitat	Tree Clearing -Potential NLEB Impact (acres)	0	0.1	1.8	2.2	0.0	0.0	0.0	0.0
	# State-Listed Populations Potentially Impacted	0	0	0	0	0	0	0	0
Public Parks & Recreation	LWCF Property Impacts (acres)	0	0	0	1.1 (Community Park)	0	0	0	0
	# of Recreation Sites Impacted	0	0	0	1 (Community Park)	1 (Bissell Alderman Park)	1 (Bissell Alderman Park)	1 (Bissell Alderman Park)	1 (Bissell Alderman Park)
Right-of-Way	# of Parcels Impacted (Full or Partial)	0	14	20	14	7	8	9	4
	Structure Impacts	0	4 - Residential 0 - Commercial	8 - Residential 0 - Commercial	6 - Residential 0 - Commercial	0 - Residential 1 - Commercial	0 - Residential 1 - Commercial	2 - Residential 1 - Commercial	0 - Residential 1 - Commercial
Cultural Resources	# of Known Individually-Eligible Historic Properties Directly Affected	0	0	0	0	0	0	0	0
	# of Contributing Elements Directly Affected	0	3	3	2	1	1	2	1
	Archaeologically-Sensitive Area (acres)	0	0.3	3.1	2.0	0.1	0.1	0.1	0.1



Roundabout - 5 Leg

TO REDUCE PROPERTY IMPACTS



Roundabout - 5 Leg





Roundabout - 5 Leg





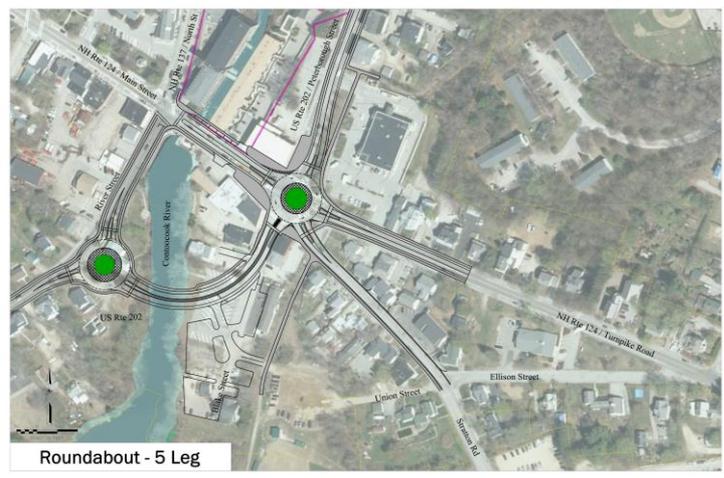
Roundabout - 5 Leg





Roundabout - 5 Leg





Roundabout - 5 Leg

