

Pine Point Area Transportation Master Planning

Public Meeting

November 15, 2016

SCARBOROUGH
MAINE



Town of Scarborough
Woodard & Curran, Inc.
Milone & MacBroom, Inc.

Pine Point Area Transportation Master Planning

Presentation Agenda

- Overview of Study Area
- Project Funding
- Existing Conditions / Project Need
- Complete Streets Policy
- Coastal Resiliency
- East Grand Ave Proposed Sections
- Pine Point / East Grand Intersection Options
- Next Steps / Timeline






Intersection:
Preliminary Design
Phase (future PACTS
Grant)

East Grand Ave:
Preliminary Design
Phase (PACTS Grant)

Pine Point:
Master Plan
Phase

East Grand Ave Side
Streets: Preliminary
Design Phase (Local
Funding)



East Grand Avenue Preliminary Design

Existing Condition Issues

- Pavement
- Curb Reveal
- Sidewalk
- Drainage System
- Water Distribution System

Pine Point Area Transportation Master Planning

“Complete Street” Improvement for:

- Motorists
- Pedestrians
- Cyclists

...while improving utility infrastructure & the
storm drain system



SCARBOROUGH COMPLETE STREETS POLICY

Adopted by the Town of Scarborough Town Council

Dated January 20, 2016

1. Vision and Purpose. Complete Streets are designed and operated to provide safety and accessibility for all current and future transportation users whether they are pedestrians, bicyclists, transit riders or vehicular motorists, regardless of age or ability. Complete Streets principles contribute toward the safety, health, economic viability, and quality of life in a community by providing accessible and efficient connections between home, school, work, recreation and commercial centers. Ultimately, the town envisions a well-connected multimodal network of transportation facilities that appropriately relates to the existing built environment in capacity and scale, recognizing that all streets are different and that the needs of various users will need to be balanced in a flexible manner.

This Complete Streets Policy supports the goals outlined in the town's comprehensive plan, the Town-wide Transportation Study, and various neighborhood plans by creating a safer, cost effective, equitable, and fully accessible transportation network that supports walkable, attractive, business friendly neighborhoods. It also contributes to the town's livability goals by encouraging energy and environmental sustainability.

2. Project Considerations.

Early consideration of all modes for all users will be important to the success of this policy. Those planning and designing projects that affect public streets will give due consideration to all roadway users from the very start of planning and design work. This will apply to all roadway projects, including those involving new construction, reconstruction, repaving/ rehabilitation or roadway retrofits. Roadway retrofits may include changes in the allocation of the right-of-way and pavement space on an existing roadway, such as changes to the number and use of lanes, changes in lane widths, and/or the addition or reconfiguration of on-street parking.

When applying for and reviewing projects for funding purposes regardless of funding source, Complete Street practices and principles will be included, as appropriate and reasonable, for all projects that affect the public right-of-way.

3. Exceptions.

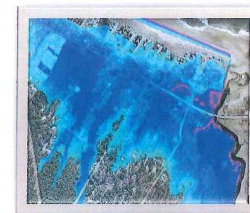
Bicyclist and pedestrian transportation users shall be included in street construction, re-construction, repaving, and re-habilitation projects, except under one or more of the following conditions:

Pine Point Area Transportation Master Planning

Coastal Resiliency
Considerations
Sea Level Adaptation Working Group
Road Infrastructure Assessment



Sea Level Adaptation Working Group



Road Infrastructure Assessment

"Wouldst thou" - so the helmsman answered, "Learn the secret of the sea?
Only those who brave its dangers comprehend its mystery!"

Henry Wadsworth Longfellow



East Grand Avenue Preliminary Design

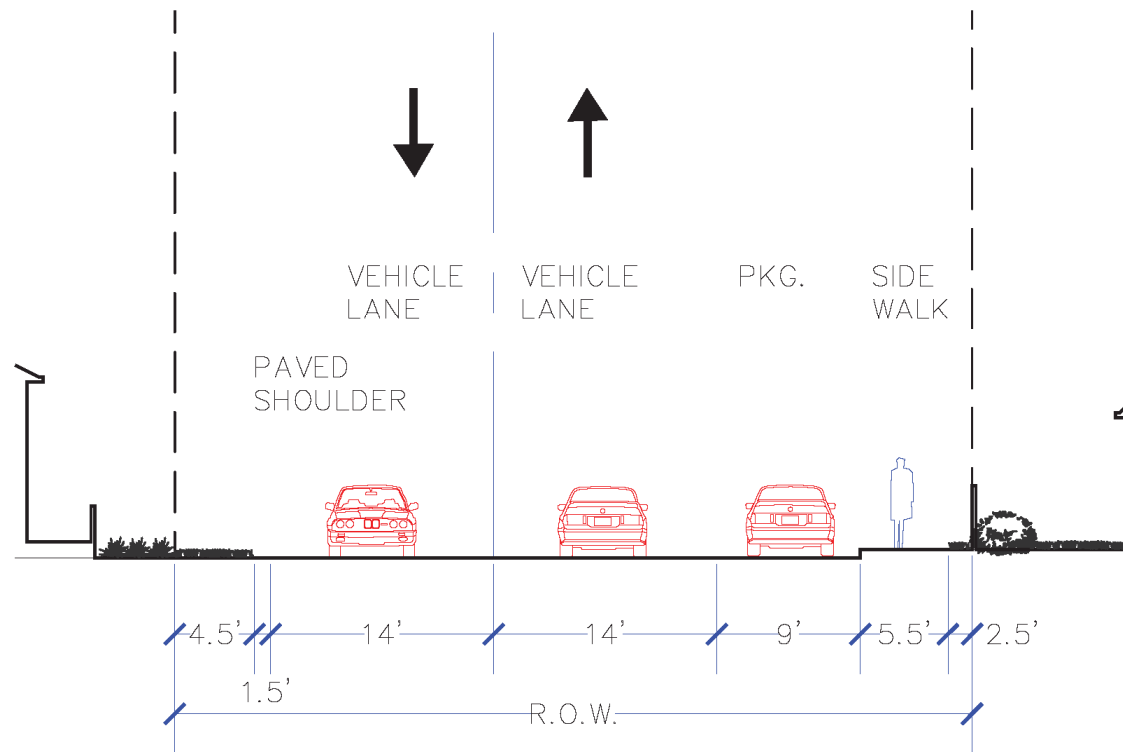
Section "A"



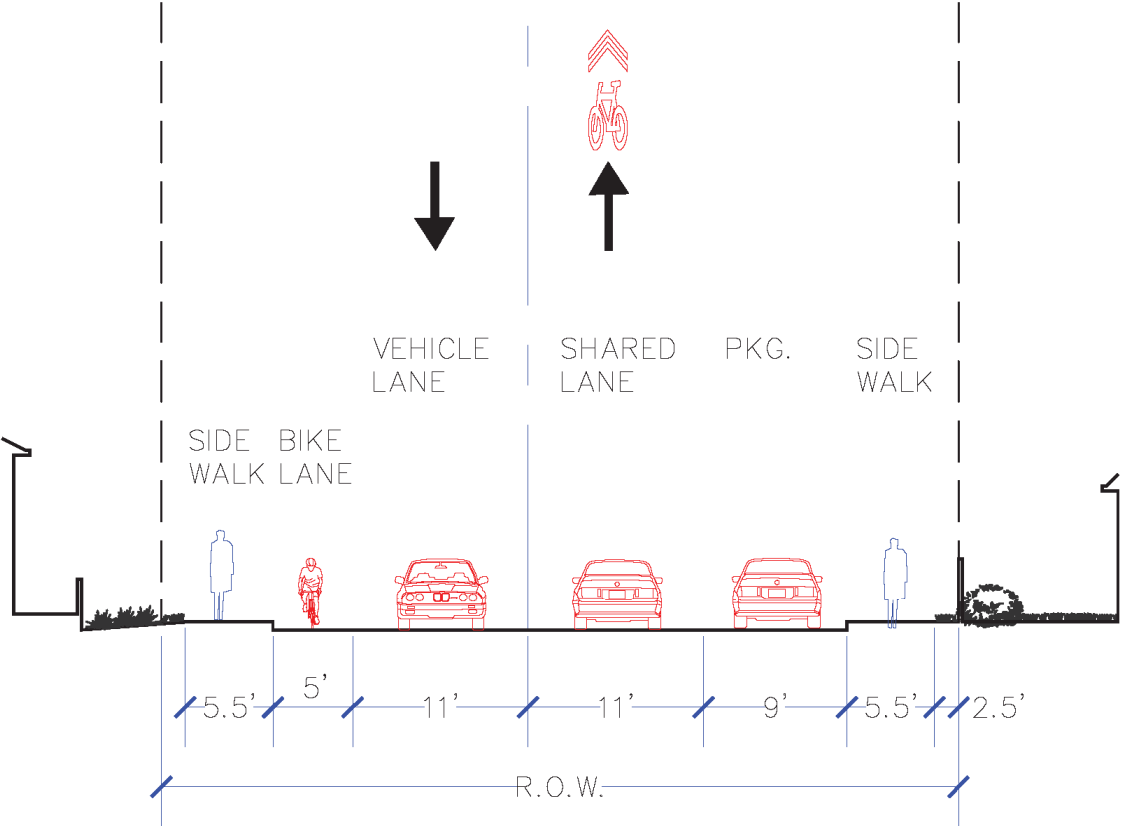
Proposed
Plan View
Area A / Section A



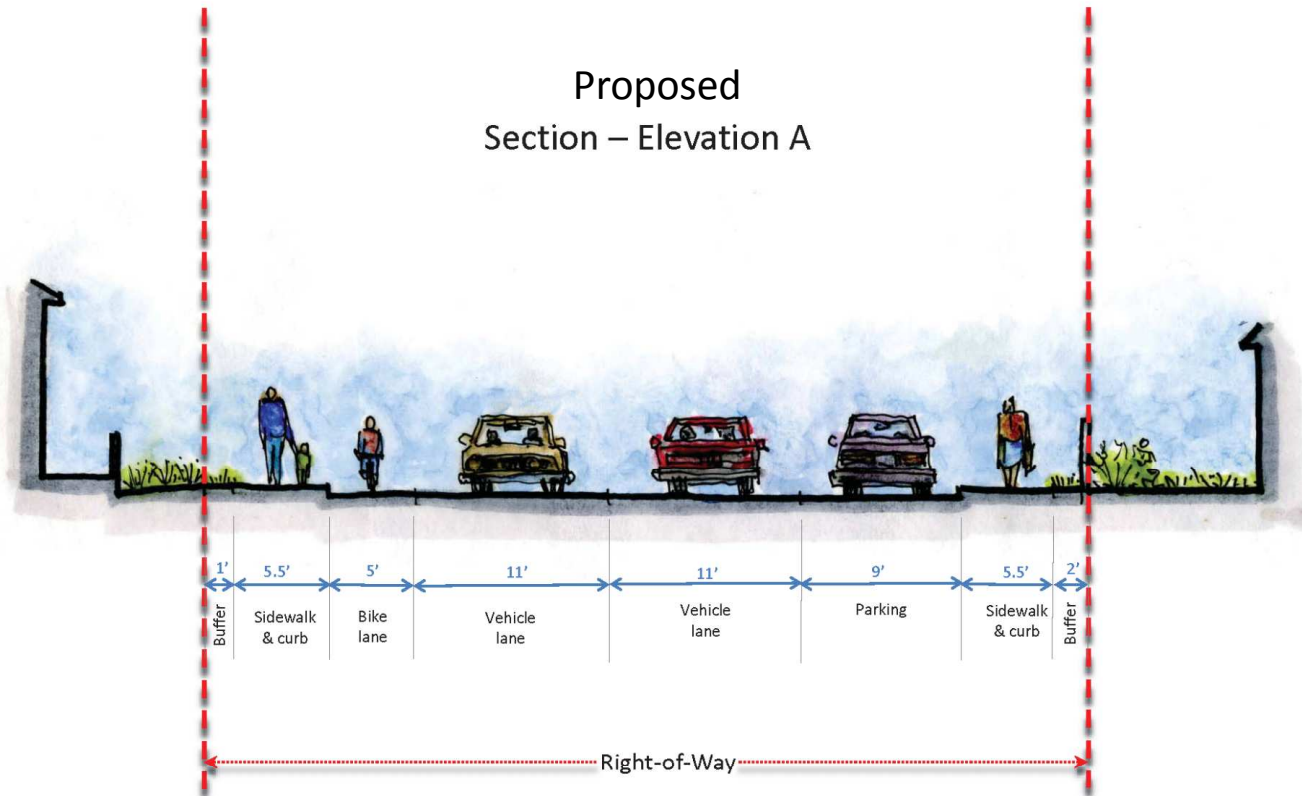
STREETSCAPE SECTION—ELEVATION A (EXISTING)



STREETSCAPE SECTION—ELEVATION A (PROPOSED)



Proposed Section – Elevation A

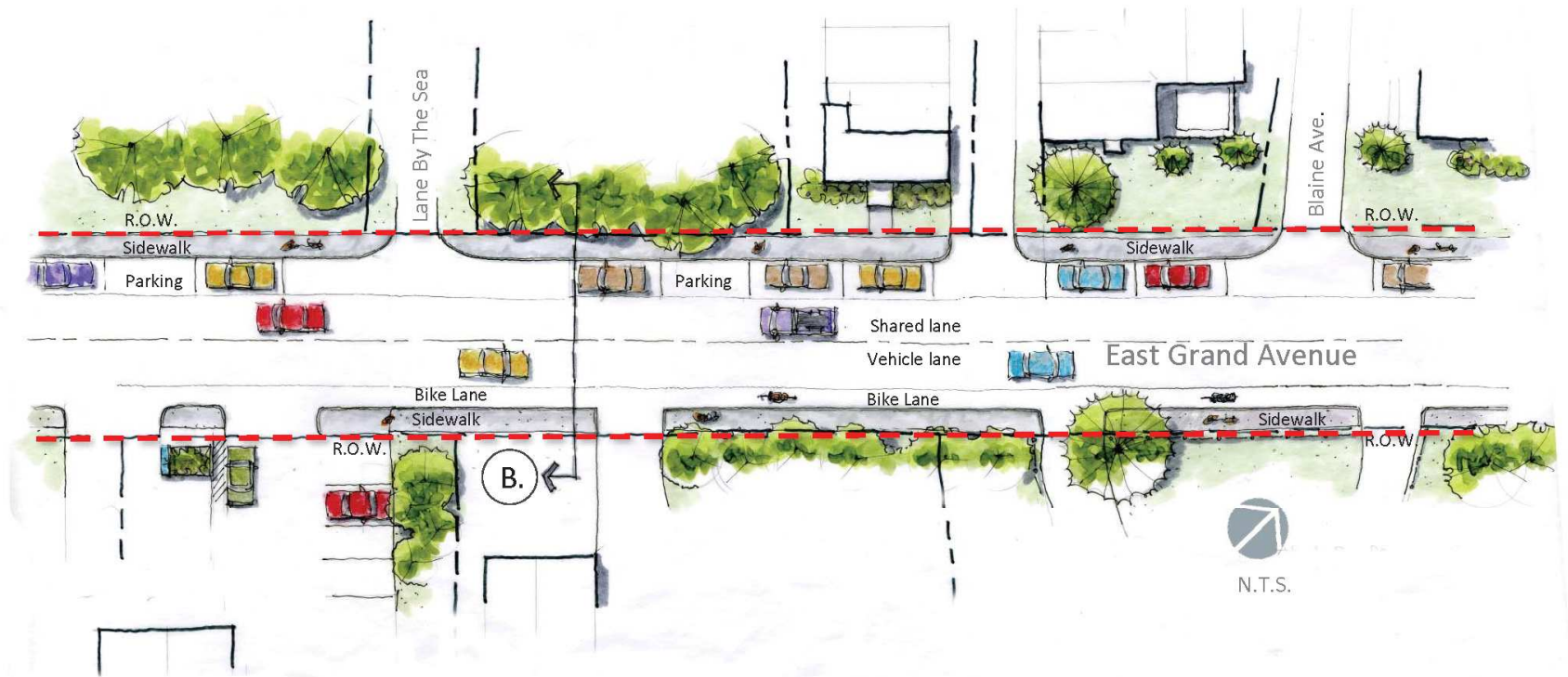


East Grand Avenue Preliminary Design

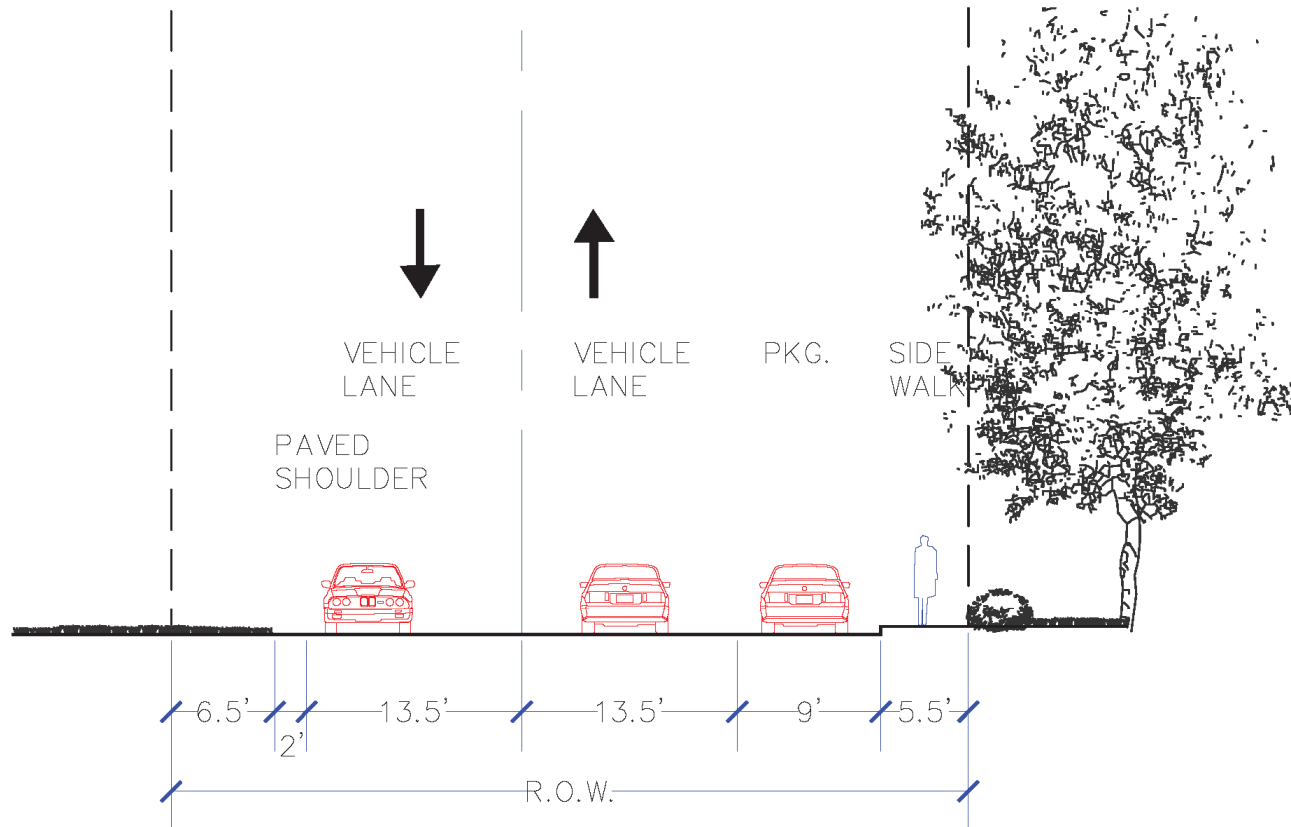
Section "B"



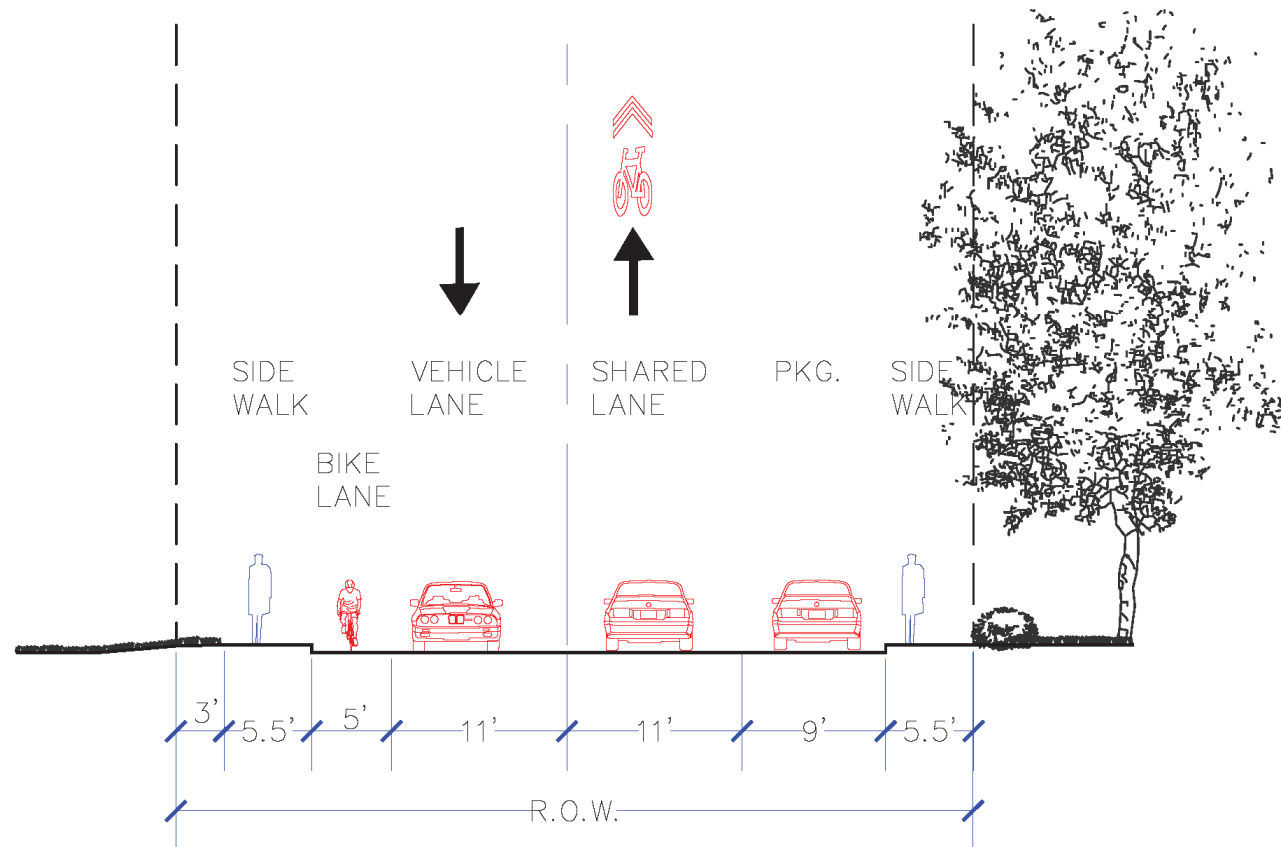
Proposed
Plan View
Area B / Section B



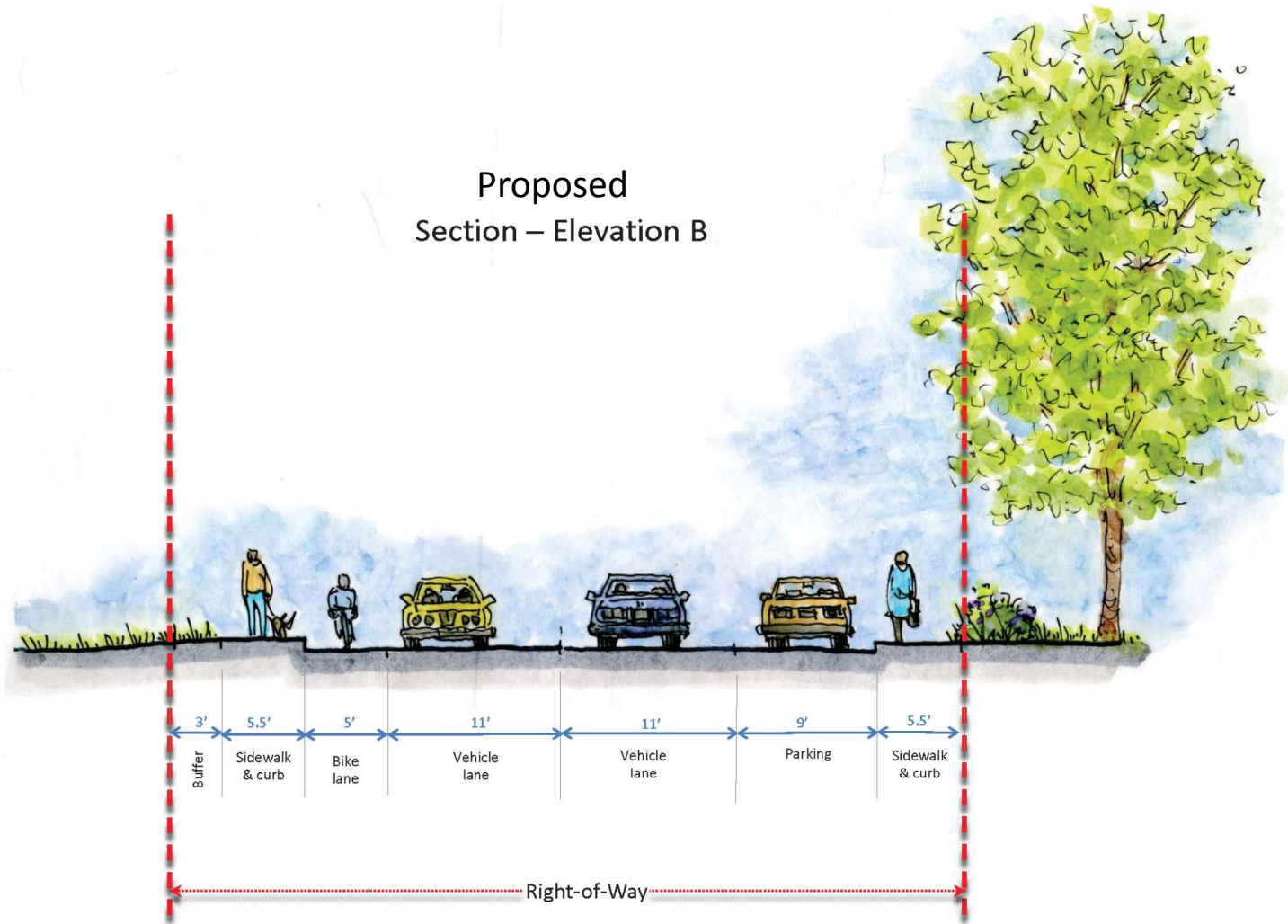
STREETSCAPE SECTION—ELEVATION B (EXISTING)



STREETSCAPE SECTION—ELEVATION B (PROPOSED)



Proposed Section – Elevation B

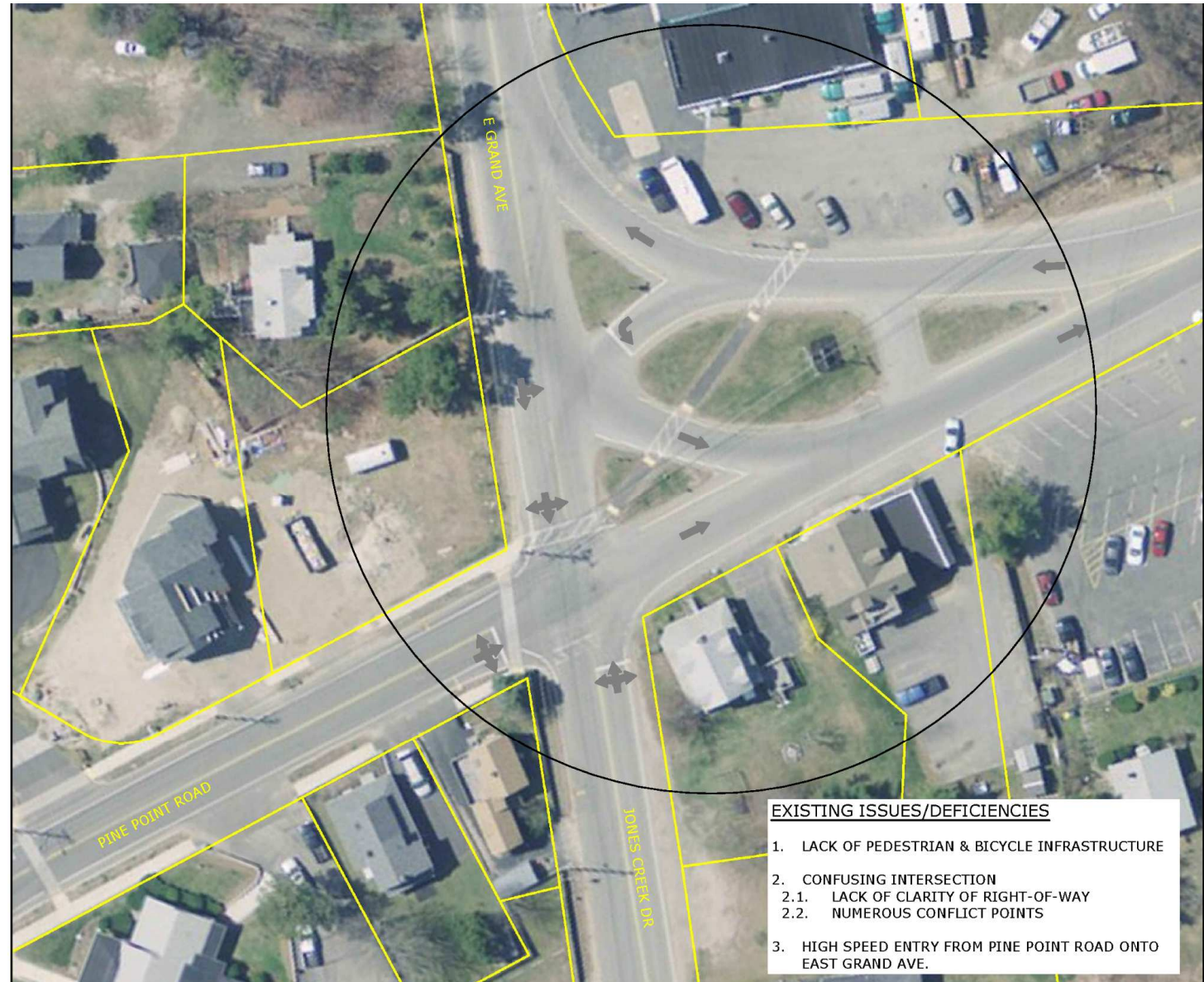


Intersection Preliminary Design

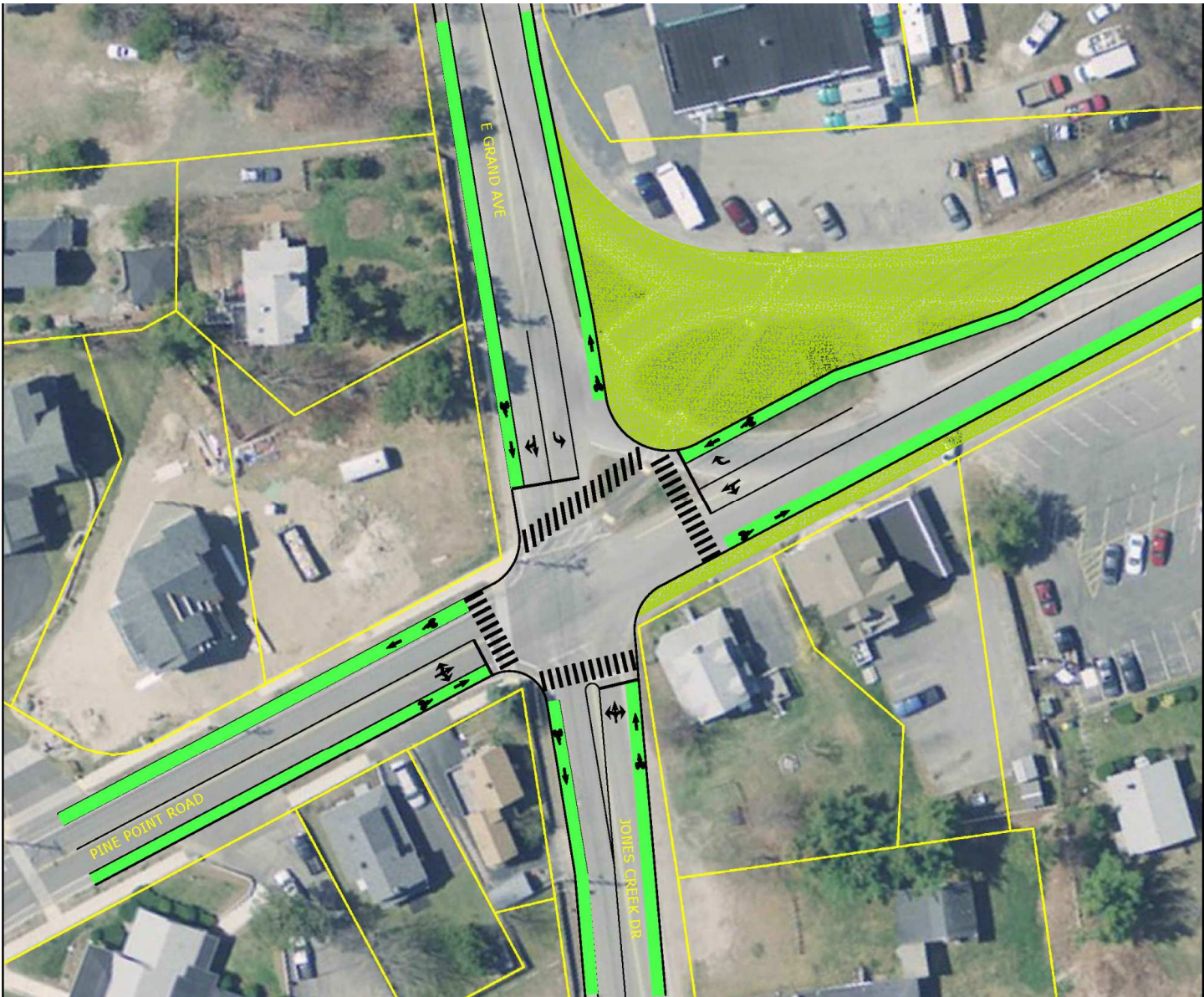
Intersection



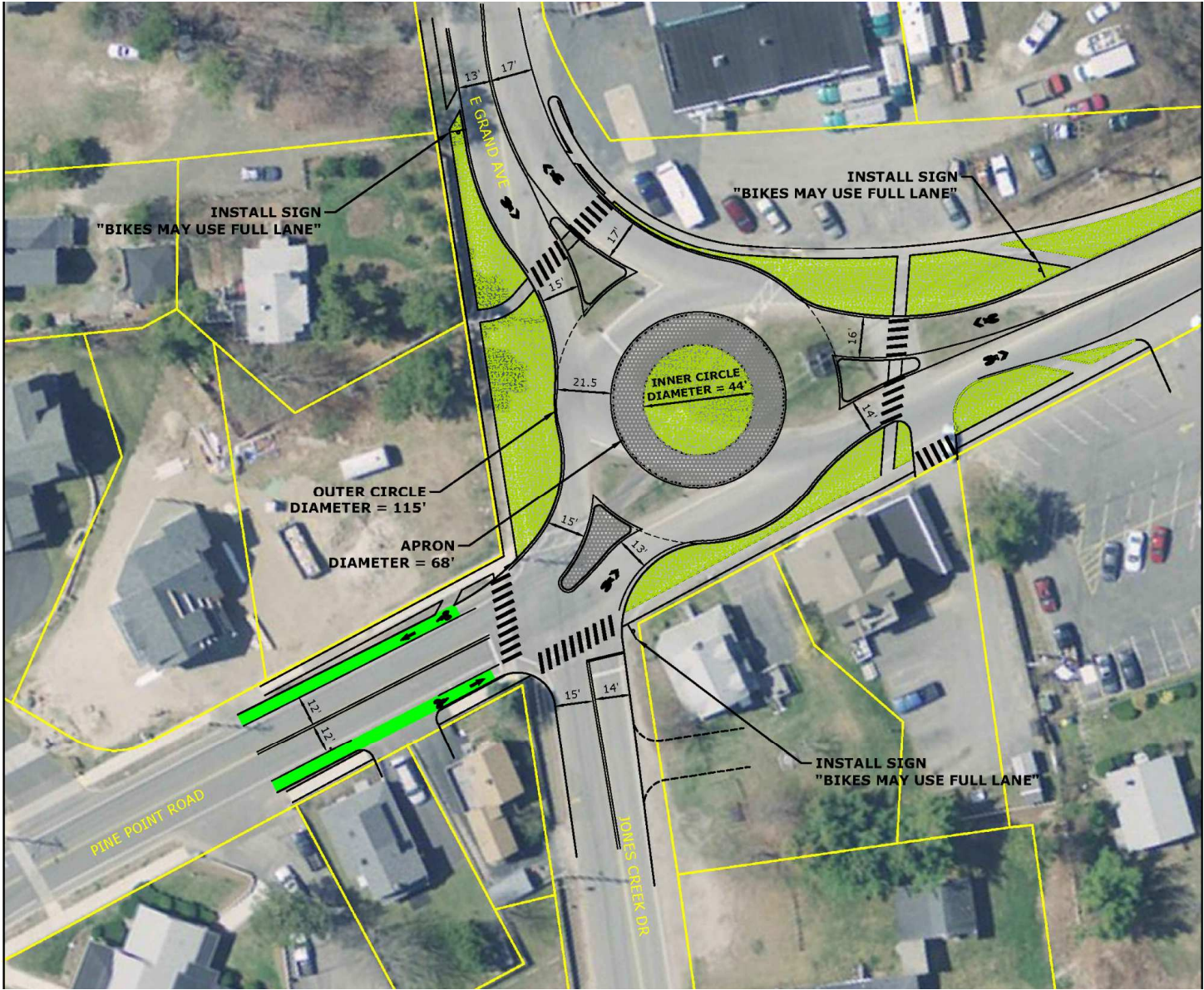
Existing Conditions



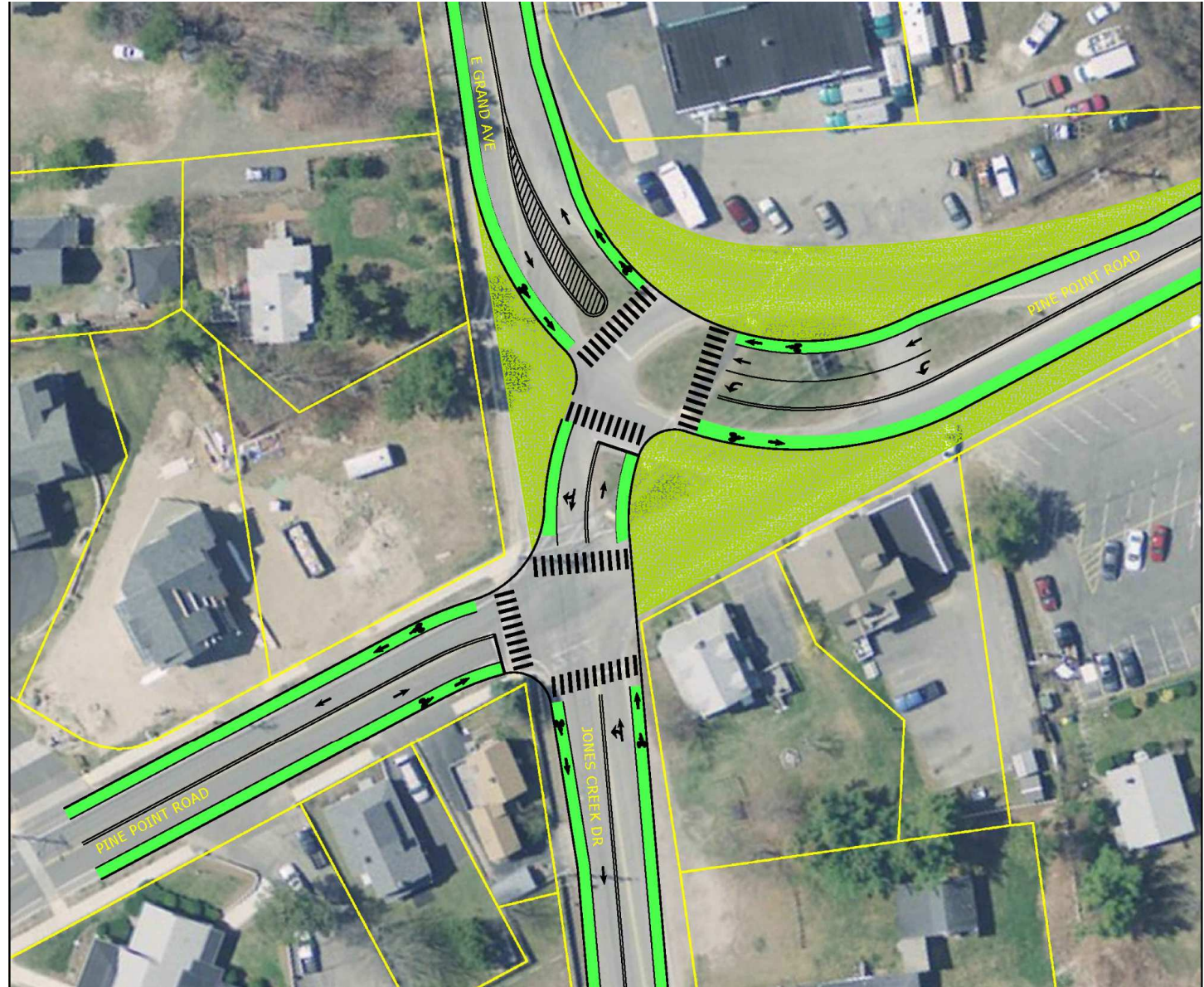
4-Way Stop



Round-About



T-Intersection



Intersection Preliminary Design Sample Decision Matrix

SAMPLE OF DECISION MATRIX

PINE POINT/EAST GRAND AVE MASTER PLAN DECISION MATRIX PRELIMINARY INTERSECTION LAYOUT

	25 POINTS (5 PTS./SUBCATEGORY)					CATEGORY SCORE	30 POINTS (10 PTS./SUBCATEGORY)			CATEGORY SCORE	30 POINTS (10 PTS./SUBCATEGORY)			CATEGORY SCORE	15 POINTS (5 PTS./SUBCATEGORY)			CATEGORY SCORE	
OPTIONS	TRAFFIC OPERATIONS						PEDESTRIAN CONSIDERATIONS				CONTEXT SENSITIVE CONSIDERATIONS				LEVEL OF SUPPORT				SCORING
	LEVEL OF SERVICE	INTERSECTION CLARITY	DRIVER EXPECTANCY	TRAFFIC CALMING	VEHICLE SAFETY		SIDEWALK CONNECTIVITY	PEDESTRIAN SAFETY	CROSSWALK LOCATIONS & LENGTHS		PLACEMAKING	IDENTITY & CHARACTER	STREETSCAPE ELEMENTS		MASTER PLAN	NEIGHBORHOOD	PUBLIC & STAKEHOLDERS		
Existing Conditions						0				0				0				0	0
4-Way Intersection						0				0				0				0	0
Modified Tee						0				0				0				0	0
Roundabout						0				0				0				0	0

An aerial photograph of a coastal area. In the foreground, there is a sandy beach and the ocean. Behind the beach is a residential area with many houses and trees. A red location pin is placed on a road that runs parallel to the beach. The title text is overlaid on the top left of the image.

Pine Point Area Transportation Master Planning

Next Steps:

- Survey & Site Visits (Nov/Dec 2016)
- Preliminary Design of East Grand Ave (Jan 2017)
- Application for PACTS Funding (Feb 2017)
- 2nd Public Meeting (May 2017)
- Preliminary Design / Master Plan (Summer 2017)

An aerial photograph of a coastal area, likely Scarborough, Maine. The image shows a mix of green forested land, a sandy beach, and some buildings. A red location pin is placed on a road or path near the shoreline. The text 'THANK YOU!' is overlaid in large, bold, black capital letters on a semi-transparent grey rectangular background.

THANK YOU!

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