Ward 4/7 NPA Meeting Agenda
Wednesday October 28, 2020
Zoom Meeting

6:45 PM - 7:00 - On-line Zoom Sign In, Participant recognition and Socializing
NOTE: The Steering Committee requests that participants sign in with Full Name and Ward affiliation

7:00-7:10 - Ground Rules, Introductions and Announcements
Notice: Preview of November/December Schedule

7:10-8:10 - School Board, City Council, State Legislature)

Special Update: BHS & BTC Status - Martine Gulick, Kendra Sowers and Monica Ivancic
Presentation w/ Q&A

8:10-8:30 - Office of Police Transformation Update - Kyle Dodson, Director

8:30-9:00 - Dept. of Public Works - Phillip Anderson, Associate Engineer & Nicole Losch, Senior Transportation Planner
Concept Designs for Ethan Allen Pkwy & North Ave Intersection Project
Presentation w/ Q&A

9:00 Adjourn

Join Zoom Meeting
https://us02web.zoom.us/j/89706129841?pwd=OUExSzh2MHVxR05TYmdIUDdBcHgxZz09

Meeting ID: 897 0612 9841
Passcode: 004007
One tap mobile
+16465588656,,89706129841#,,,,,,0#,,004007# US (New York)
+13017158592,,89706129841#,,,,,,0#,,004007# US (Germantown)

Ward 4
Jeff Clark, Cumberland Rd., 734-0993
Alex Farrell, Little Eagle Bay, 503-5242
Eric Corbman, Northshore Dr., 399-2602
Jenna O'Donnell, Leonard St., 508-367-0266

Ward 7
Linda Deliduka, Village Grn. 864-5114
Jeff Comstock, Plattsburg Ave., 233-0823
Matt Hurlburt, Morrill Dr., 862-5337

GROUND RULES Listen to others speaking | Respect the agenda and process Share your opinion politely | Treat people respectfully

For more information about Wards 4 and 7 NPA visit their CEDO webpage
https://www.burlingtonvt.gov/CEDO/Neighborhood-Services/NPAs/Wards-4-and-7-NPA
Watch the meeting live at https://www.facebook.com/NorthEndNPA/
Twitter: @northendnpas

North Ave & Ethan Allen Pkwy

Intersection Alternatives Analysis

Burlington, VT

Agenda

- Existing Conditions and Traffic Operations
- Project Goals
- Proposed Alternatives
  - Intersection Concepts
    - Revised Signalized Intersection concepts
    - Roundabout concepts
  - Future Traffic Operations
- Discussion and Next Steps

Existing Conditions and Traffic Operations

Existing Conditions and Traffic Operations

- 5-way Intersection
  - Four (4) Signalized Approaches: North Ave, Ethan Allen Parkway, Driveway to Ethan Allen Park
  - One (1) Unsignalized Approach: Little Eagle Bay

The sharply skewed intersection of North Ave and Ethan Allen Pkwy

Drive access to Little Eagle Bay is unsignalized

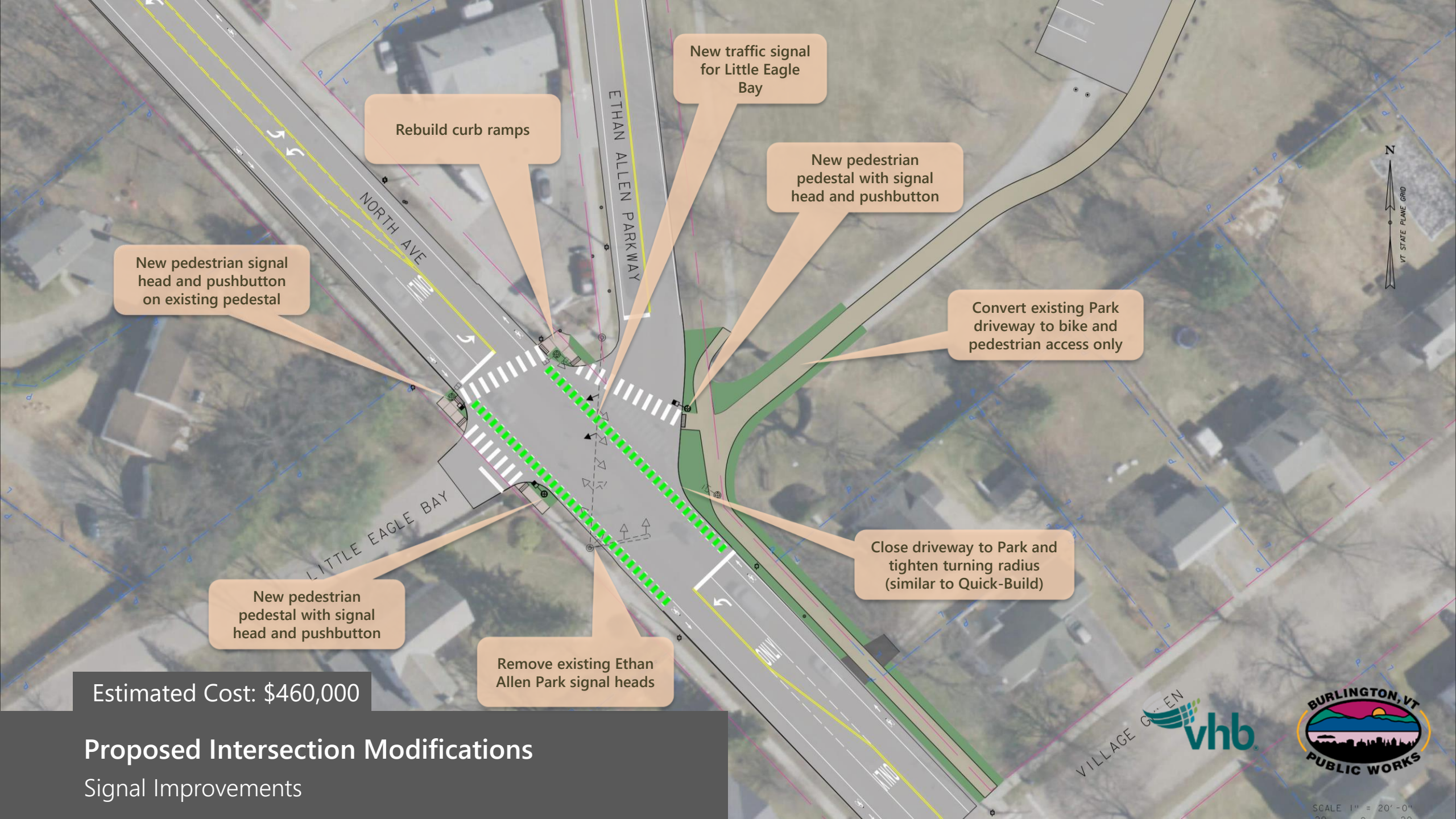
Existing Conditions and Traffic Operations

Signalized driveway from Ethan Allen Park

Alignment of Ethan Allen Parkway and Little Eagle driveway

Project Goals

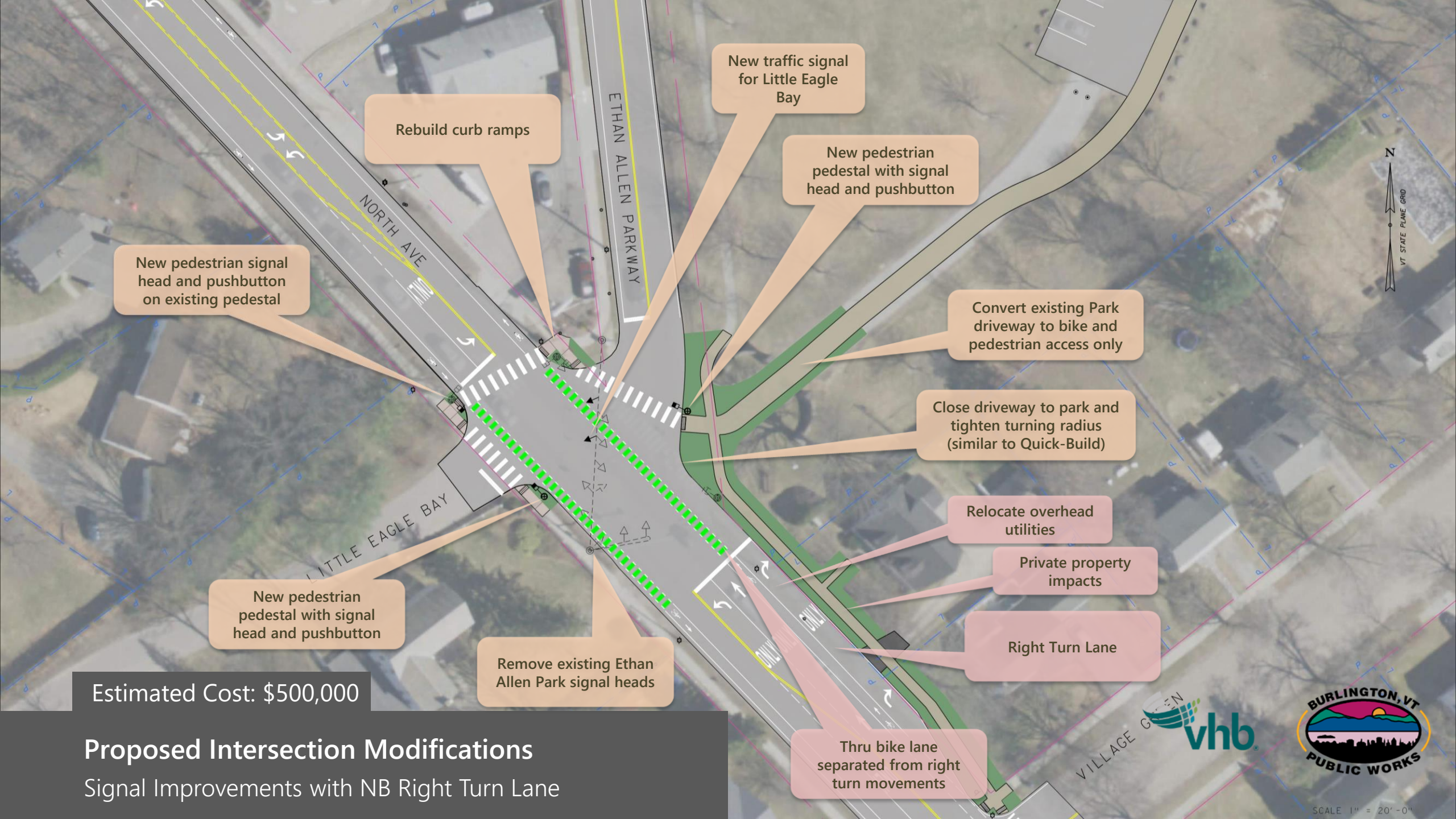
- Evaluate intersection improvements as recommended in the North Avenue Corridor Study
- Improve intersection operations along the corridor
- Reduce vehicle queuing
- Improve bicycle and pedestrian accommodations
- Improve safety
- Reduce speeds of turning vehicles



Estimated Cost: $460,000

Proposed Intersection Modifications

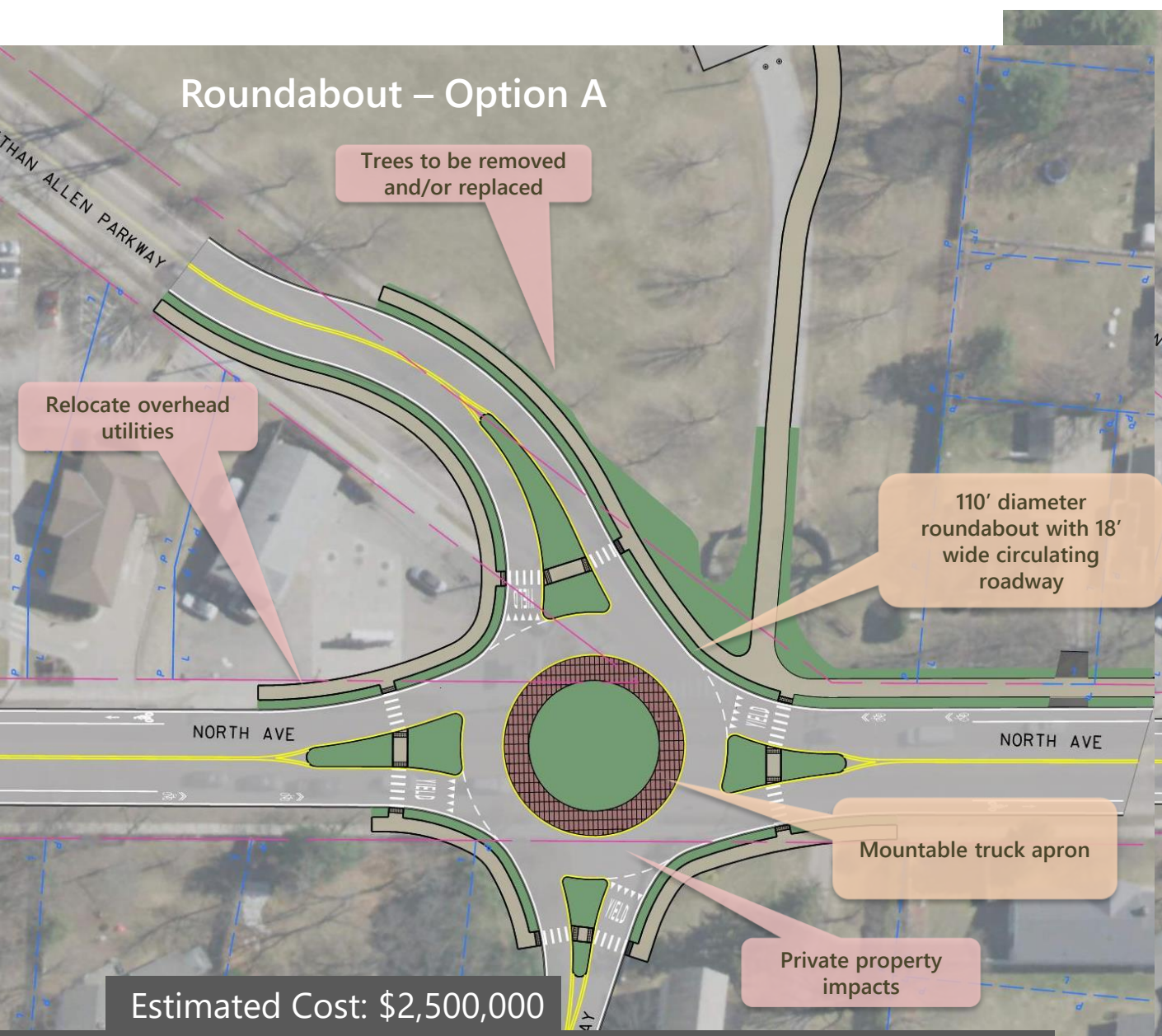
Signal Improvements



Estimated Cost: $500,000

Proposed Intersection Modifications

Signal Improvements with NB Right Turn Lane



Estimated Cost: $2,500,000

Roundabout – Option A and Option B

North Ave & Ethan Allen Parkway

Future Traffic Operations

Peak Hour	Approach	2024 No Build			2024 Signal Modifications			2024 Signal Modifications w NB Right Turn Lane		
		Queue	Delay	LOS	Queue	Delay	LOS	Queue	Delay	LOS
Weekday AM	EB from Little Eagle Bay	0	0.2	A	0	1.4	A	0	1.7	A
	WB from Park Entrance	7	62.0	E						
	NB from North Avenue	214	8.6	A	237	13.4	B	202	11.3	B
	SB from North Avenue	510	11.9	B	473	17.2	B	473	17.2	B
	SW from Ethan Allen Parkway	221	67.3	E	155	34.9	C	155	34.9	C
	Overall Intersection		17.9	B		18.0	B		17.4	A
Weekday PM	EB from Little Eagle Bay	2	0.3	A	0	1.4	A	0	1.0	A
	WB from Park Entrance	0	1.6	A						
	NB from North Avenue	1234	18.8	B	1326	33.0	C	705	19.0	B
	SB from North Avenue	281	7.3	A	353	11.6	B	255	12.1	B
	SW from Ethan Allen Parkway	81	25.2	C	209	148.8	F	140	97.5	F
	Overall Intersection		15.5	B		33.7	C		22.7	C

* Queue is expressed in feet

** Delay expressed in seconds per vehicle, per Synchro

*** LOS - Level of service, per Synchro

Roundabout Operations

Intersection	Peak Hour	2024 Roundabout	
		Delay	LOS
North Ave / Ethan Allen Pkwy / Little Eagle Bay	Weekday AM	4.6	A
	Weekday PM	3	A

** Delay expressed in seconds per vehicle, per Synchro

*** LOS - Level of service, per Synchro

Alternatives Comparison

Alternative	No-Build	Signal Modifications Only	Signal with Northbound Right Turn Lane	Roundabout
Improve intersection operations along the corridor	No change	No changes overall	No changes overall	Improves operations
Reduce vehicle queuing	No change	No queue reductions	Modest improvements	Queue improvements
Improve bicycle and pedestrian accommodations	No change	Reduced pedestrian crossing distance	Reduced pedestrian crossing distance	Reduced pedestrian crossing distance + improve ped visibility
Improve safety	No change	Pedestrian improvements across Ethan Allen Parkway	Thru bike lane separated from right turns	Improvements for all modes
Reduce speeds of turning vehicles	No change	NB right turns	NB right turns	Reduces speed in all directions
Cost / Impacts	No cost	$460,000 estimated	$500,000 estimated	$2,500,000 estimated

Please Share Your Thoughts with Us

Phillip Peterson
Associate Engineer

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