

Colchester Avenue: Bikeways, Parking, and Intersection Safety Study

Public Meeting #1

December 4, 2019



Project Team Introductions



- Jason Charest, PE, PTP | Senior Transportation Planner
- Marshall Distel | Transportation Planner



- Nicole Losch, PTP | Senior Planner

Third Sector Associates



- Diane Meyerhoff | Principal
- Jenn Conley, PE, PTOE | Director of Transportation Systems
- Drew Gingras, PE | Project Engineer
- Karen Sentoff | Transportation Consultant

Agenda



Introductions



Project Purpose



Review of Scope & Schedule



Past Projects



Existing Conditions Overview



Discussion of Opportunities & Constraints



General Questions and/or Comments



Next Steps

Advisory Committee

- **City of Burlington** | Will Clavelle
- **UVM Medical Center** | Ashley Bond
- **UVM** | Jim Barr
- **Green Mountain Transit** | Chris Demiani
- **Burlington Walk Bike Council** | Jason Stuffle
- **VTrans** | Amy Bell
- **City Council**
- **NPA Representative**
- **Emergency Services**

Draft Project Purpose

The purpose of the **Colchester Avenue: Bikeways, Parking, & Intersection Safety Study** is to **identify and prioritize improvements:**

- along Colchester Avenue from South Prospect Street to Barrett Street which will **enhance bicycle mobility** and **improve parking management** while supporting local businesses;
- at the intersection of Colchester Avenue and East Avenue which will **improve safety** for all modes of transportation.

Scope and Schedule

▪ Local Concerns Meeting	<i>Today</i>
▪ Existing Conditions Assessment	In Progress
▪ Advisory Committee Meeting #1	Dec 2019
▪ Alternatives Assessment	Dec 2019 – Feb 2020
▪ Advisory Committee Meeting #2	Feb 2020
▪ Alternatives Presentation Meeting	Feb 2020
▪ Development of Preferred Alternative	March 2020
▪ Advisory Committee Meeting #3	March 2020
▪ Draft Scoping Report	April 2020
▪ City Council Presentation	April 2020
▪ Final Scoping Report	May 2020

Past Projects – Planning Studies

Pearl Street/Prospect Street/Colchester Avenue Intersection Scoping Study

Final Scoping Study
December 2014



- 2019 Colchester Riverside Intersection Scoping Study
- 2017 PlanBTV Walk Bike Plan
- 2014 Pearl-Prospect-Colchester Intersection Scoping Study
- 2011 Colchester Avenue Corridor Plan

COLCHESTER AVENUE/RIVERSIDE AVENUE Burlington, Vermont

Final Scoping Report



April 1, 2019



Colchester Avenue Corridor Plan Burlington, Vermont

Final Report

December 2011



DATA ■ ANALYSIS ■ SOLUTIONS

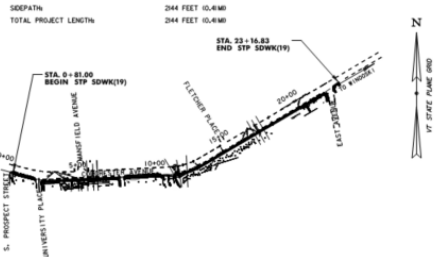
Past Projects – Design & Construction



PROPOSED IMPROVEMENT CITY OF BURLINGTON COUNTY OF CHITTENDEN COLCHESTER STP SDWK(19) AVENUE (MINOR ARTERIAL)

PROJECT LOCATION : BEGINNING AT SOUTH PROSPECT STREET AND EXTENDS EASTWARD ALONG COLCHESTER AVENUE TO EAST AVENUE.

PROJECT DESCRIPTION : WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE GRADING, DRAINAGE, PAVEMENT, SIDEWALK, LANDSCAPING AND SIGNALS FOR AN URBAN DIVIDED-USE SIDEWALK AS WELL AS OTHER RELATED ITEMS.



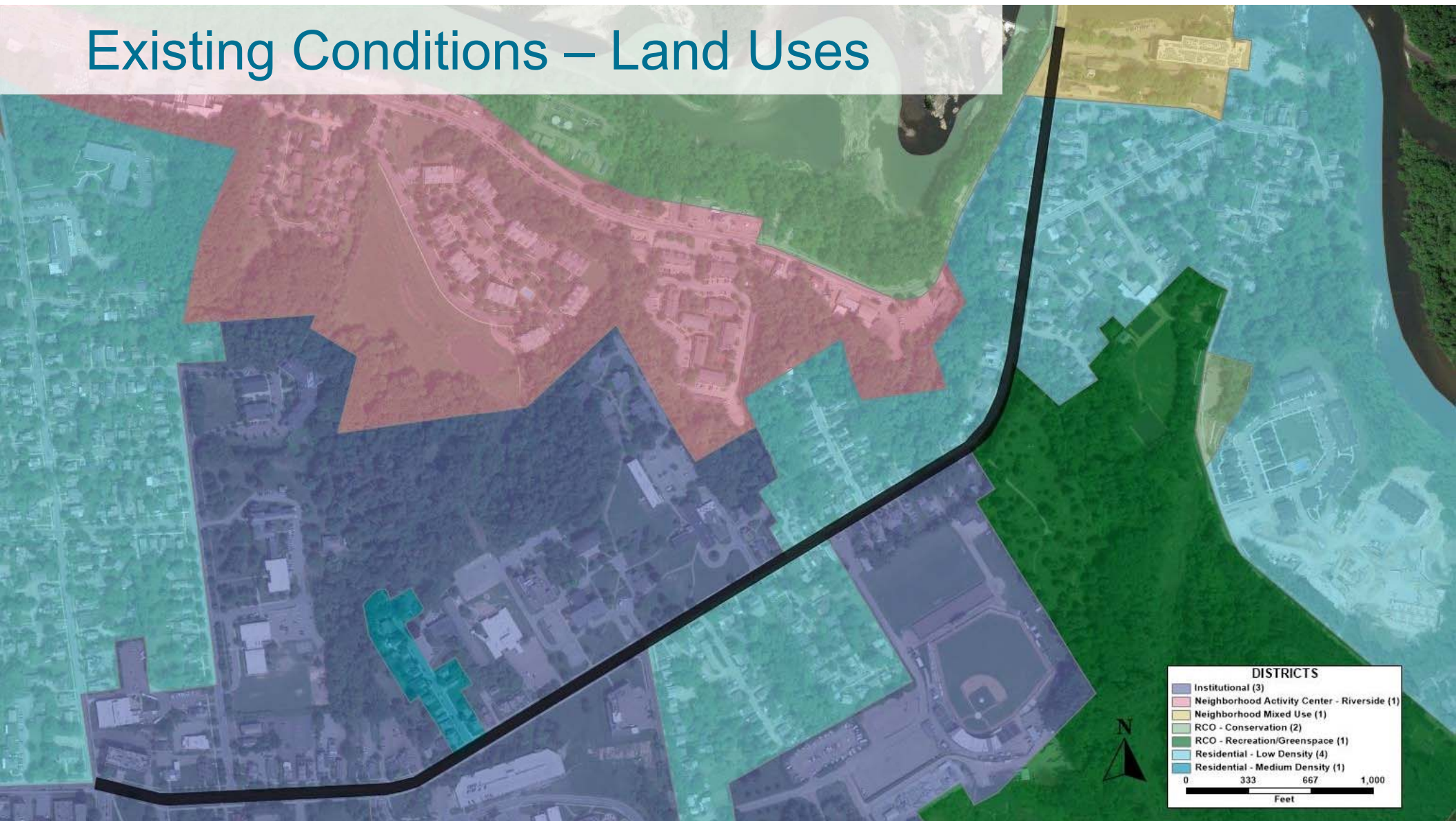
- *2020 Colchester Avenue Sidepath*
 - designed, 2020 construction
- *2019 Colchester Avenue Repaving, Water Relining, & Bike Lanes*
 - pavement markings partially complete
- 2018 Colchester Ave / Riverside Ave
 - Pedestrian signals, widened sidewalk
- 2016-2018 Colchester Avenue Crosswalks
- 2014 Colchester Avenue Sidewalk at Greenmount Cemetery
- 2011 Colchester Avenue Pilot Project
 - Colchester Ave / Prospect St intersection alignment and phasing
 - Colchester Ave four lane to three lane with bike lanes

Italicized projects are in progress

Existing Conditions – Project Area

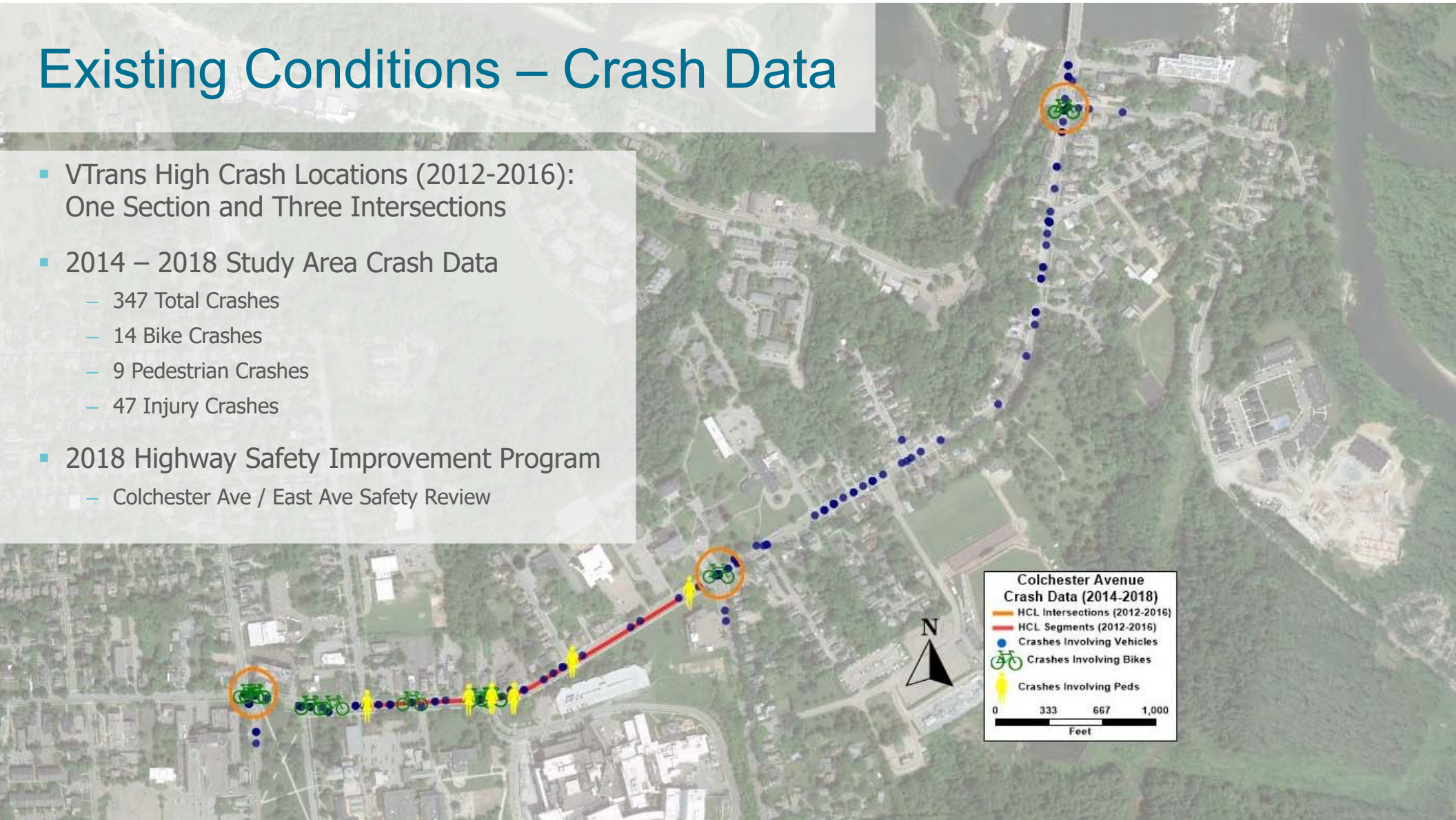


Existing Conditions – Land Uses



Existing Conditions – Crash Data

- VTrans High Crash Locations (2012-2016):
One Section and Three Intersections
- 2014 – 2018 Study Area Crash Data
 - 347 Total Crashes
 - 14 Bike Crashes
 - 9 Pedestrian Crashes
 - 47 Injury Crashes
- 2018 Highway Safety Improvement Program
 - Colchester Ave / East Ave Safety Review



Existing Conditions – Traffic



- AADT varies from 10,000 – 15,000 vehicles per day
- Colchester Ave / East Ave Intersection
 - Vehicles
 - AM Peak Hour – 1650 vehicles
 - Midday Peak Hour – 1350 vehicles
 - PM Peak Hour – 1770 vehicles
 - Bicyclists
 - AM Peak Hour – 29 bikes
 - Midday Peak Hour – 37 bikes
 - PM Peak Hour – 47 bikes
 - Pedestrians
 - AM Peak Hour – 75 peds
 - Midday Peak Hour – 54 peds
 - PM Peak Hour – 135 peds

Existing Conditions – Bicycle Infrastructure

- South Prospect Street to Mansfield Avenue
 - Bike lanes in both directions
 - Shared use sidepath on south side (designed, not yet constructed)
- Mansfield Ave to Fletcher Place
 - Bike lanes in both directions
 - Shared use sidepath on south side (designed, to be reconstructed)
- Fletcher Place to East Avenue
 - Westbound bike lane
 - Eastbound shared lane (sharrows) with right turn lane (~500 feet)
 - Shared use sidepath on south side (designed, to be reconstructed)



Existing Conditions – Bicycle Infrastructure

- East Avenue to Greenmount Cemetery
 - Westbound bike lane
 - Eastbound shared lane (sharrows) with travel lane
- Greenmount Cemetery to Calarco Court
 - Westbound buffered bike lane
 - Eastbound shared lane (sharrows) with travel lane
- Calarco Court to Barrett Street
 - Buffered bike lanes both directions

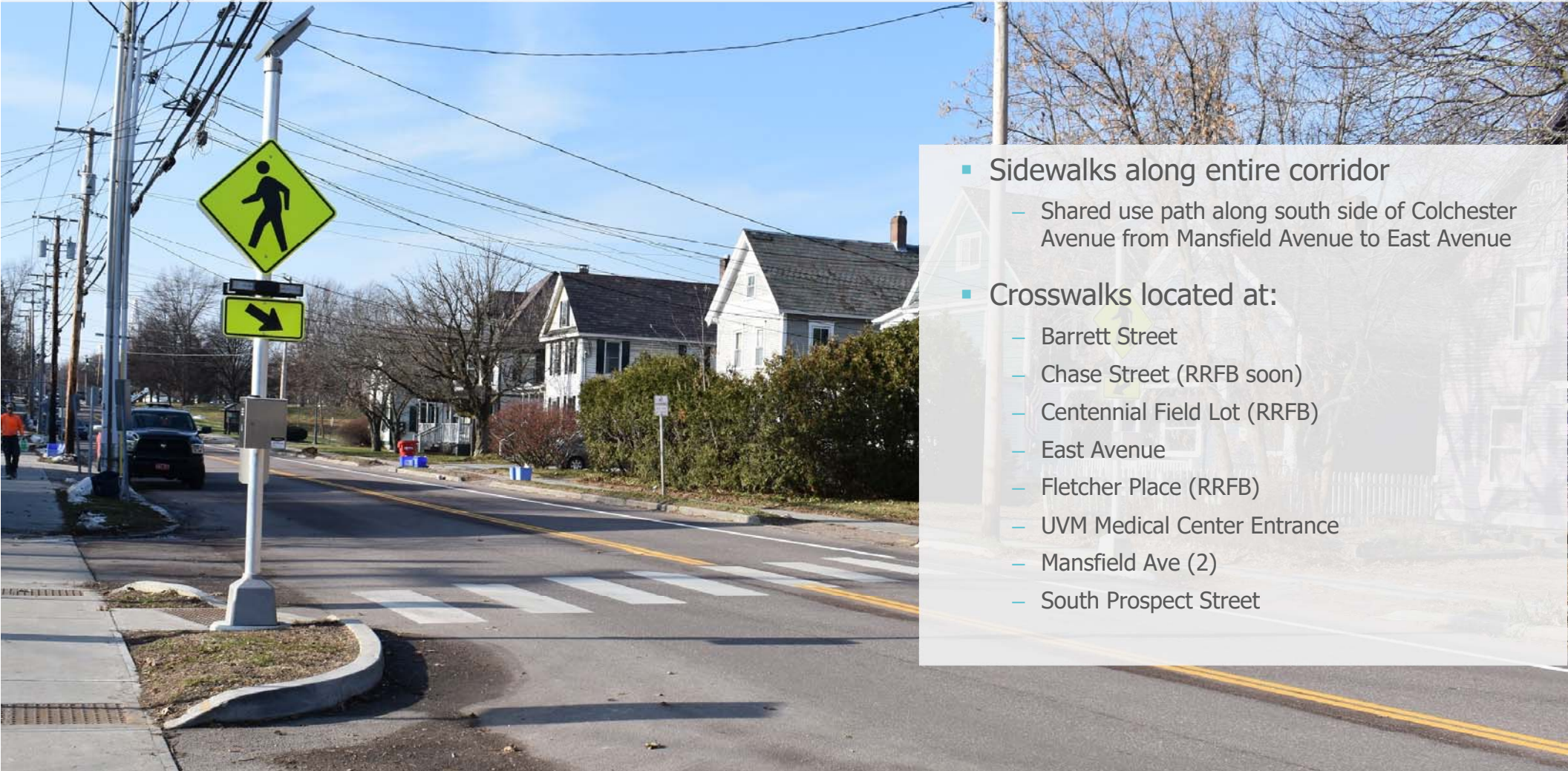


Existing Conditions – Parking

- East Avenue to Greenmount Cemetery
 - South side short-term and residents only on-street parking
- Parking inventory adjacent to corridor with access on Colchester Ave
 - Residents only parking
 - Fletcher Place
 - East Avenue
 - Latham Court
 - Thibault Parkway
 - Nash Place
 - UVM Medical Center
 - UVM
 - Trinity Campus Lots
 - Votey Lot
 - Dewey Lot
 - 12 & 16 Colchester Ave Lots
 - Centennial Lots



Existing Conditions – Pedestrian Infrastructure



- Sidewalks along entire corridor
 - Shared use path along south side of Colchester Avenue from Mansfield Avenue to East Avenue
- Crosswalks located at:
 - Barrett Street
 - Chase Street (RRFB soon)
 - Centennial Field Lot (RRFB)
 - East Avenue
 - Fletcher Place (RRFB)
 - UVM Medical Center Entrance
 - Mansfield Ave (2)
 - South Prospect Street

Existing Conditions – Transit

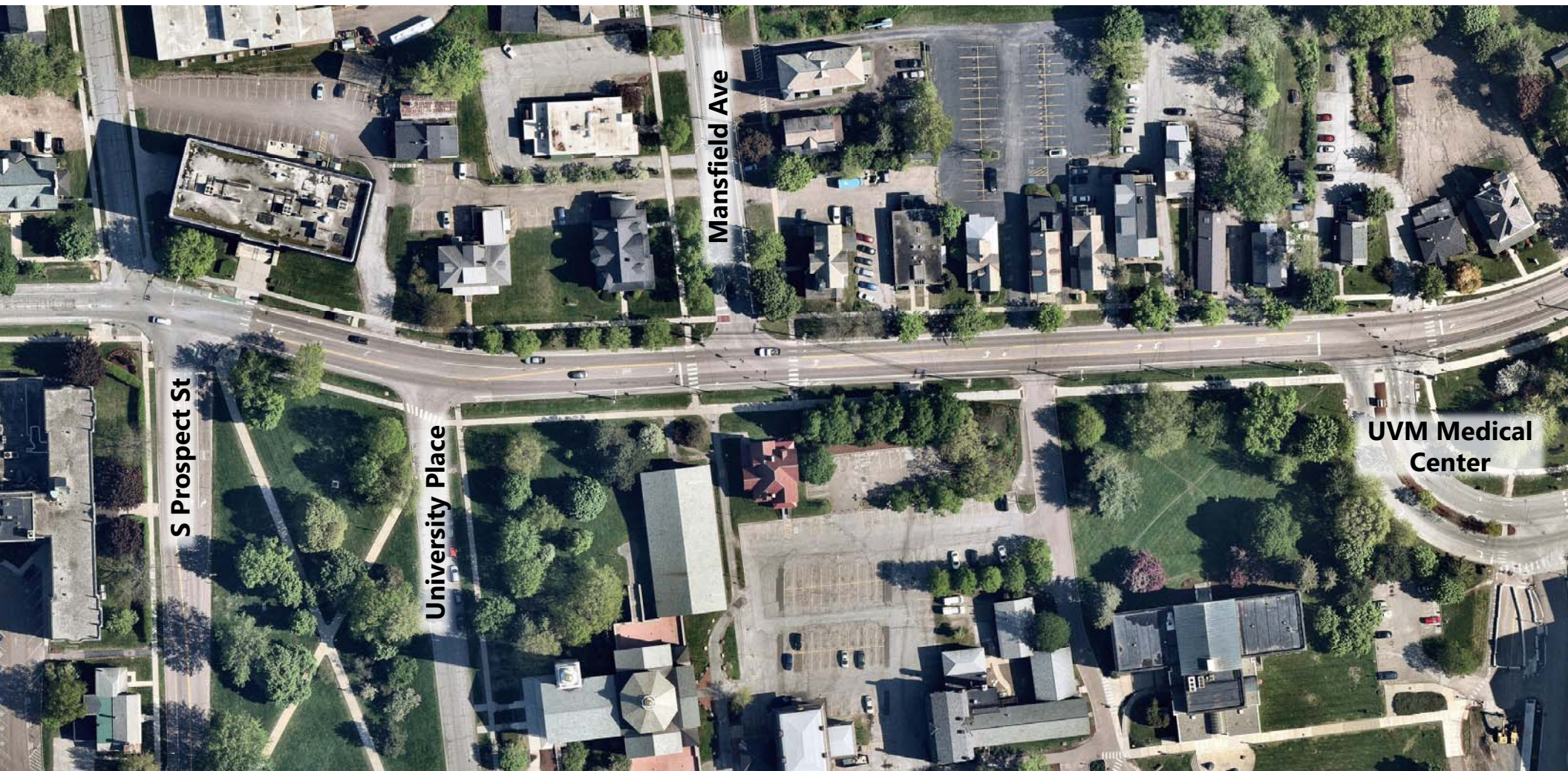
- Green Mountain Transit
 - 2 local routes
 - 6 commuter routes
 - 14 stops (not including UVM MC)
 - 3 shelters
- UVM CatsRide
 - 2 routes
 - 2 stops on UVM Trinity Campus



Public Input

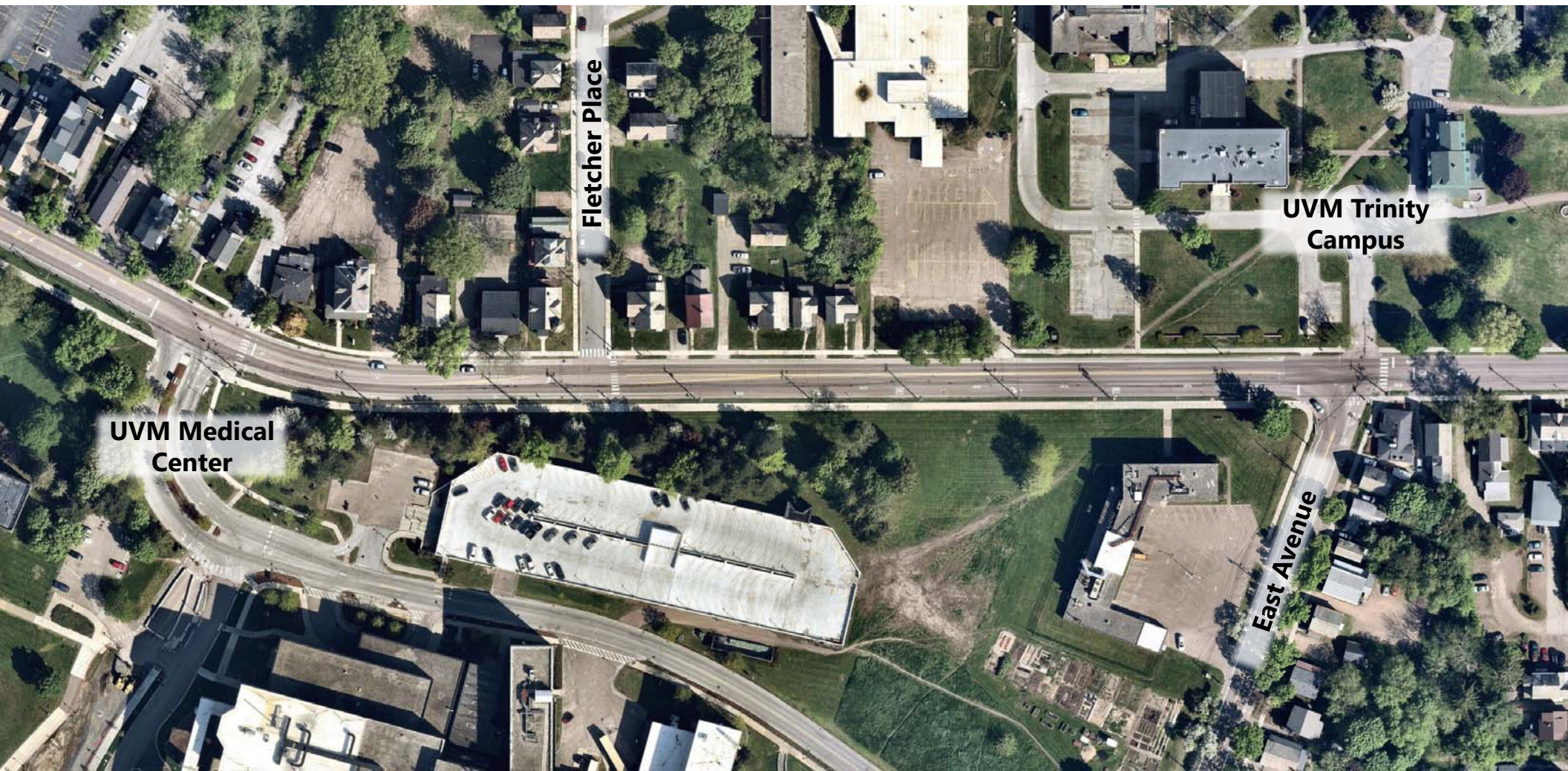
Public Input

- Input from Recent Projects
 - Options for biking on Colchester Ave are important
 - Off-street parking is very restricted in some sections
 - Local businesses are important to the neighborhood



Opportunities & Constraints

South Prospect Street to UVM Medical Center



Opportunities & Constraints

UVM Medical Center to East Avenue

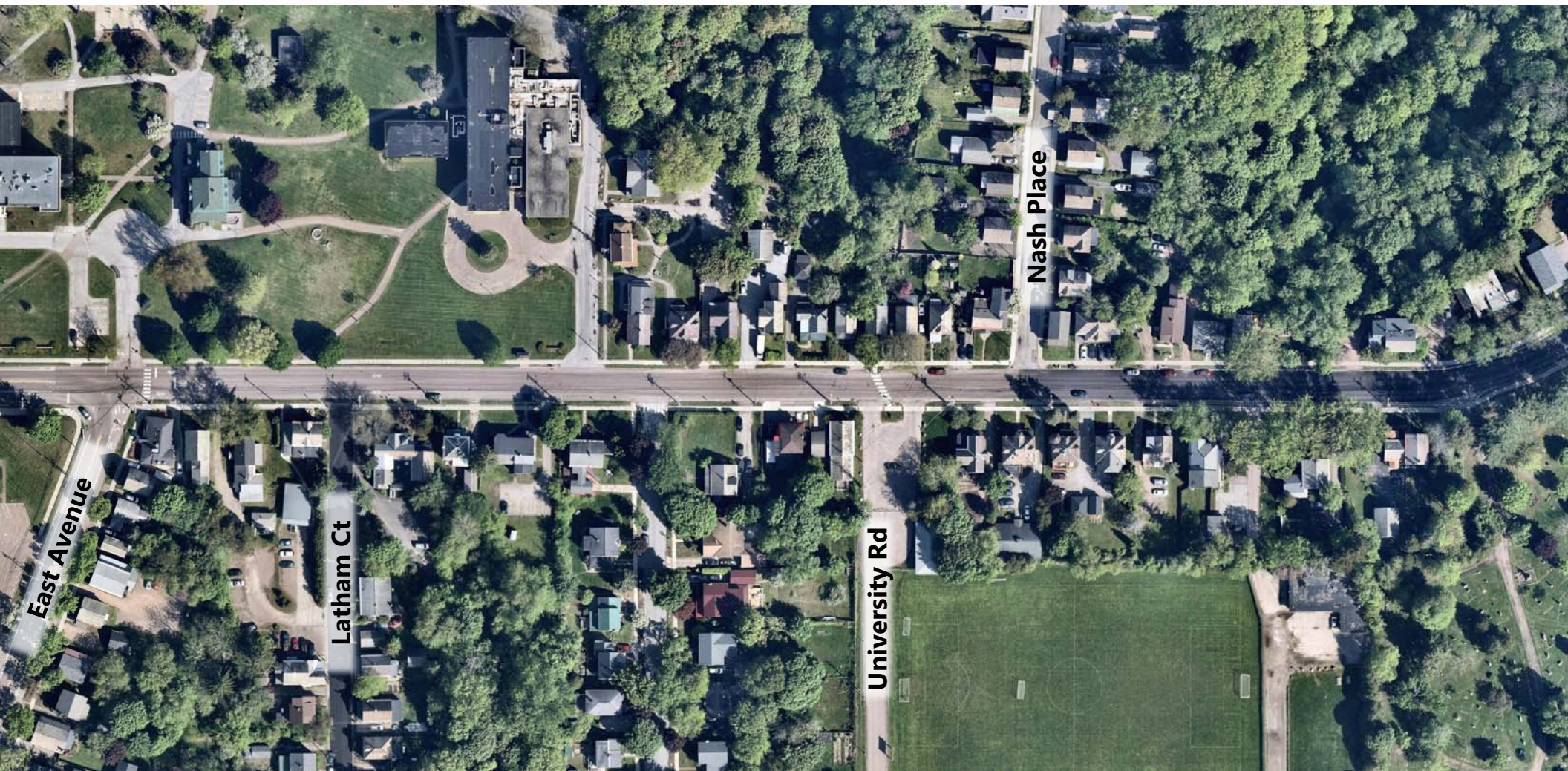


UVM Trinity
Campus

East Avenue

Opportunities & Constraints

East Avenue Intersection



Opportunities & Constraints

East Avenue to Greenmount Cemetery

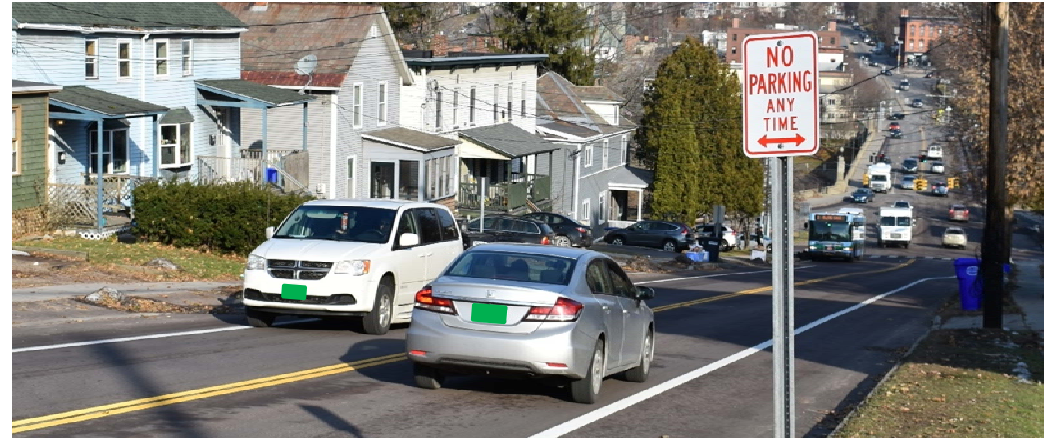


Opportunities & Constraints

Greenmount Cemetery to Barrett Street

Next Steps

- Existing Conditions Assessment
- Bring Local Concerns to Advisory Committee
- Identify and Evaluate Improvements
- Alternatives Presentation
- Selection of Preferred Improvements



Stay Connected with the Colchester Avenue: Bikeways, Parking, and Intersection Safety Study!

Project Website:

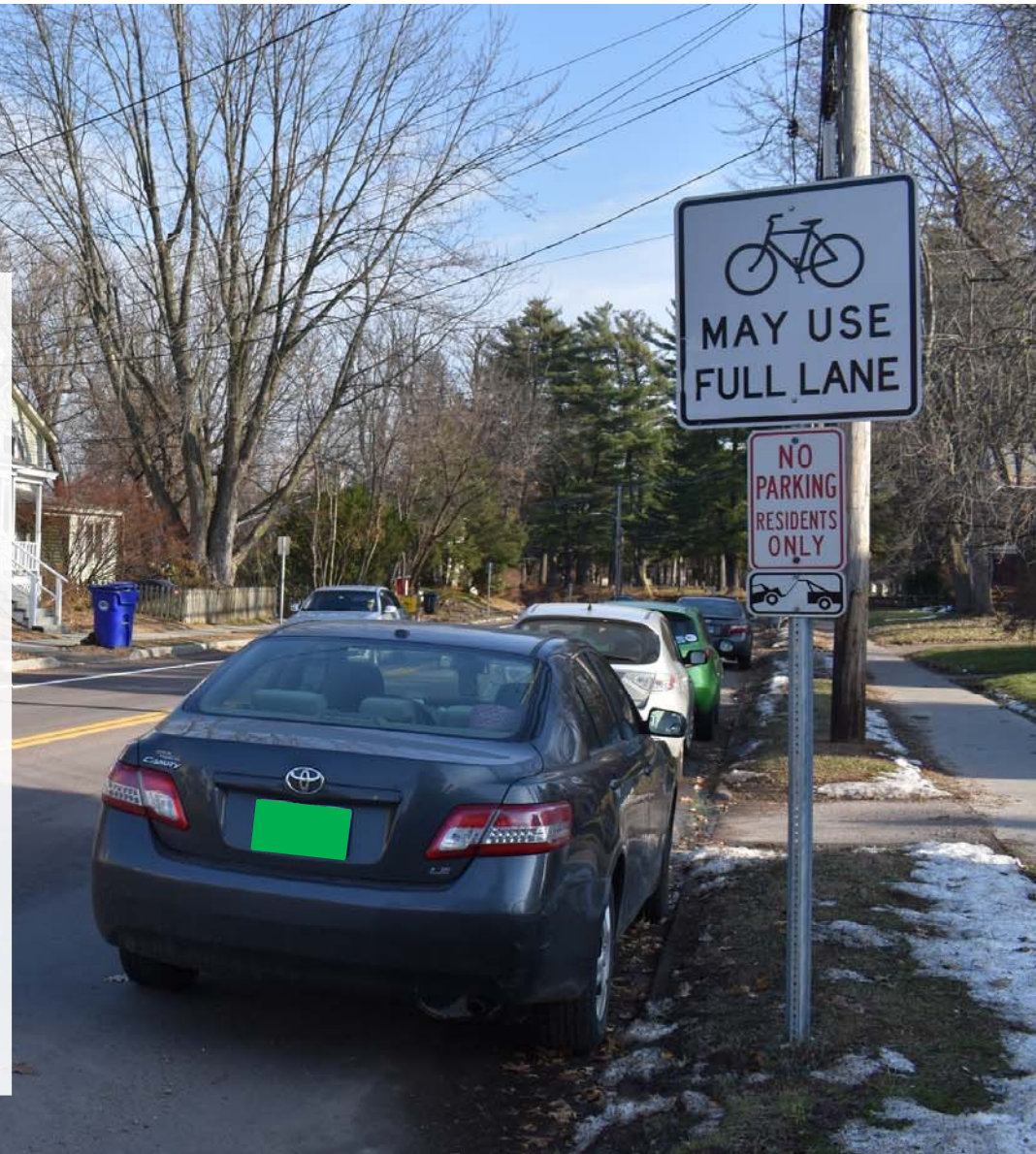
<http://bit.ly/colchester-ave>

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Questions?
Comments?

