

Colchester/Riverside/Barrett/ Mill Intersection Study

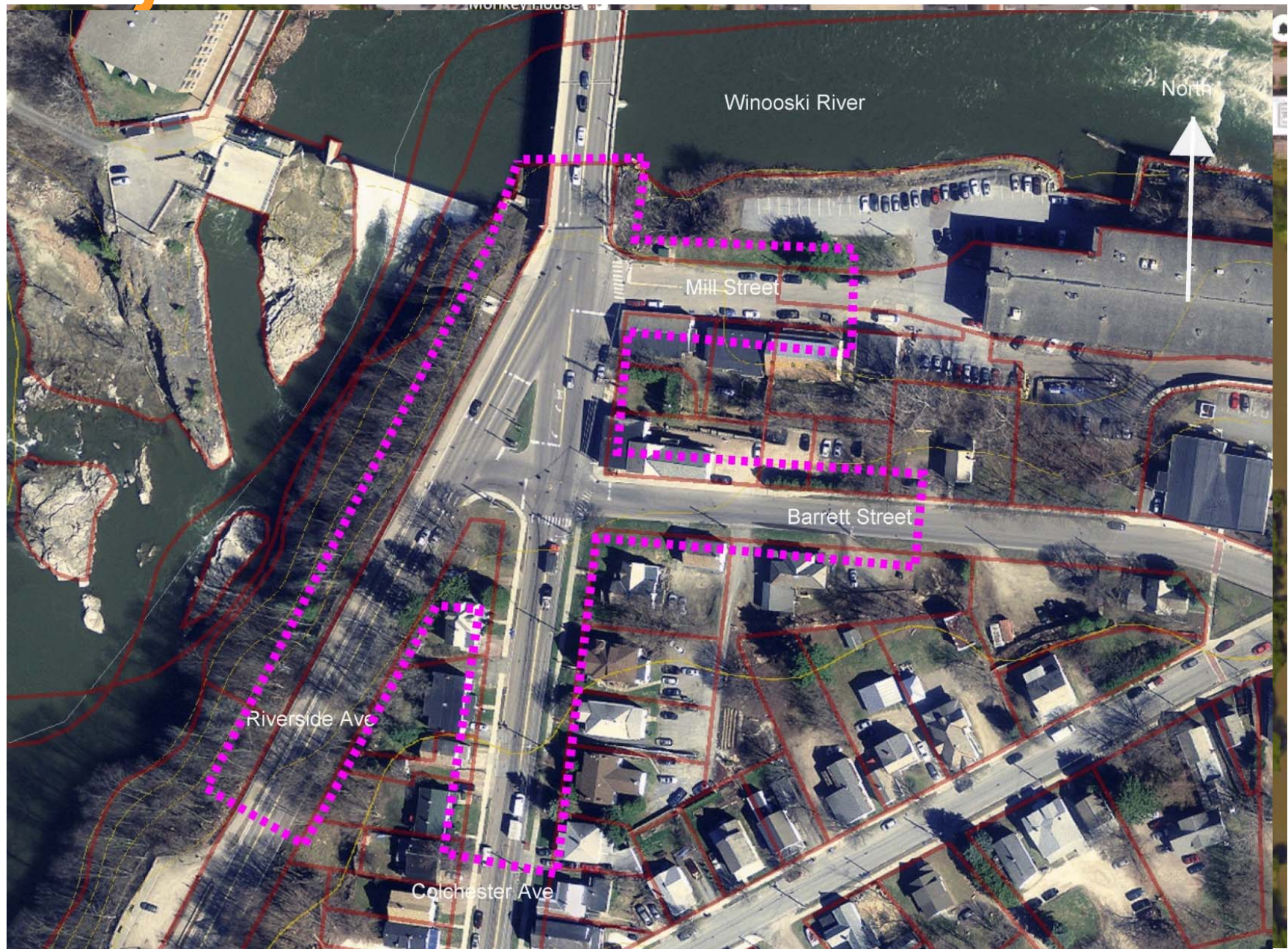
Public Meeting
March 8, 2016
Burlington, Vermont



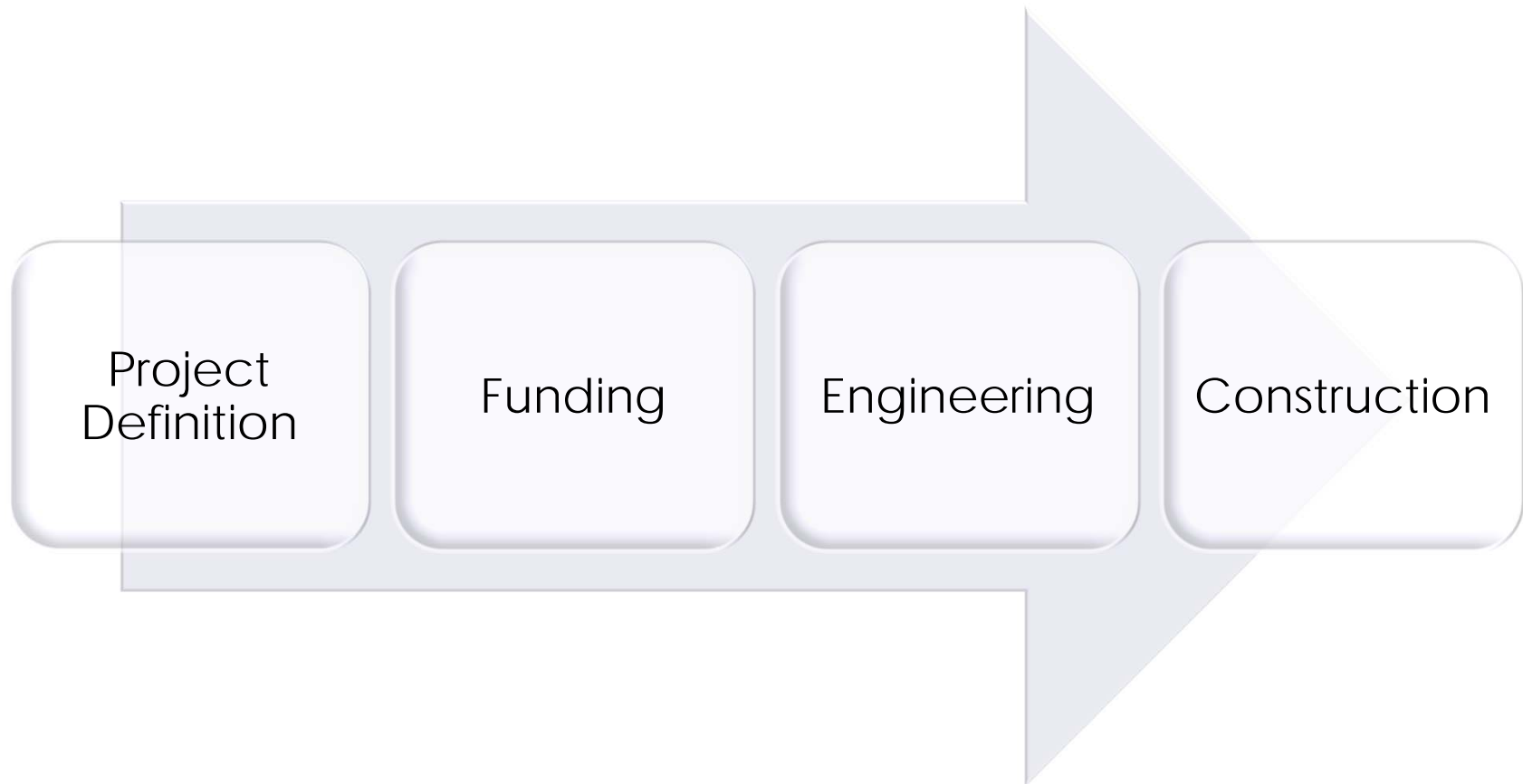
Tonight's Purpose

- Review project area
- Review project development process
- Discuss previous and on-going plans and studies
- Review existing conditions research
- **Gather feedback on issues, concerns, ideas - open public discussion**
- Discuss next steps and next public meeting

Project Area



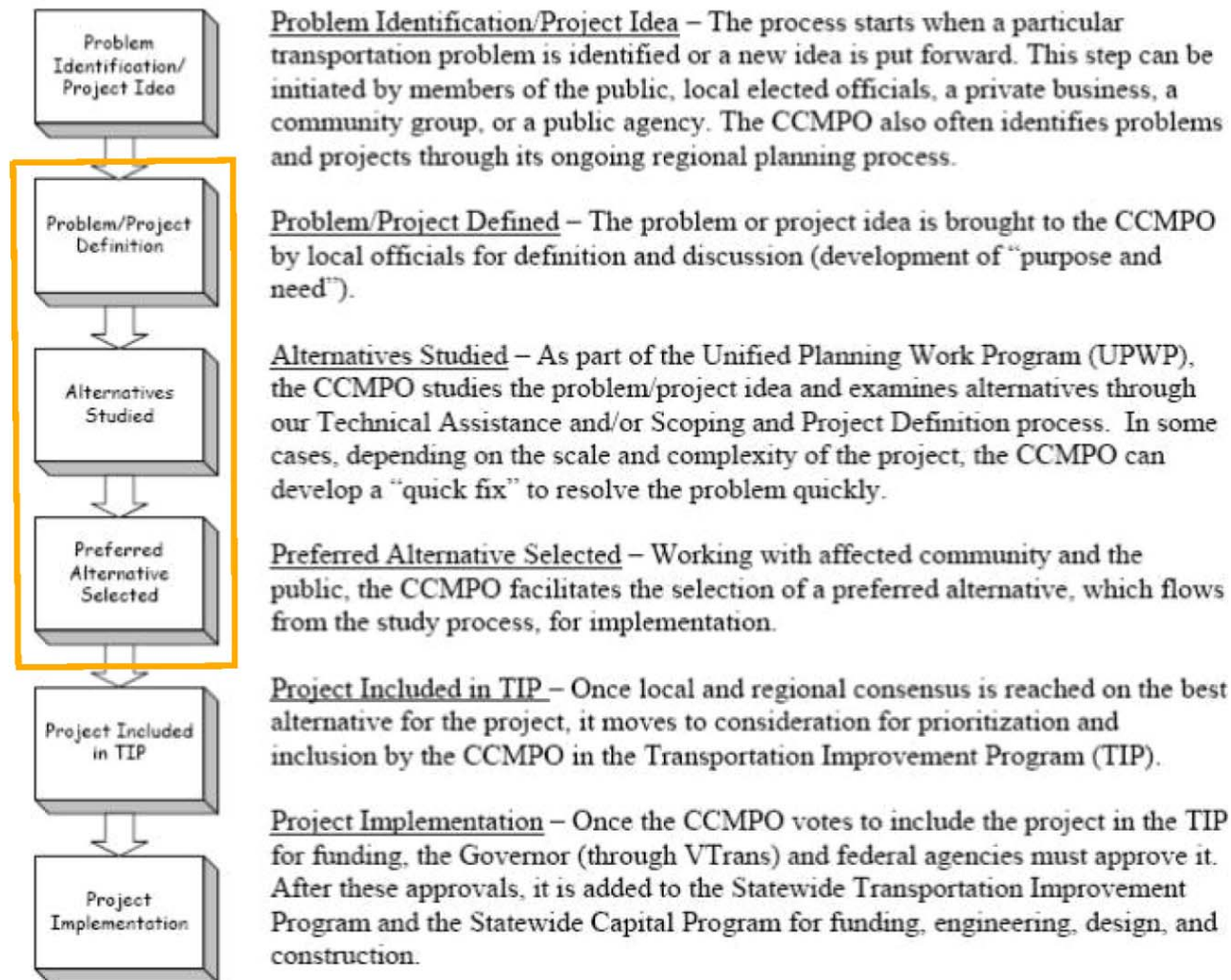
Typical Project Process



Typical Project Process

The Life of a Project: From Concept to Reality

Typical Stages in the Development and Funding of Transportation Projects

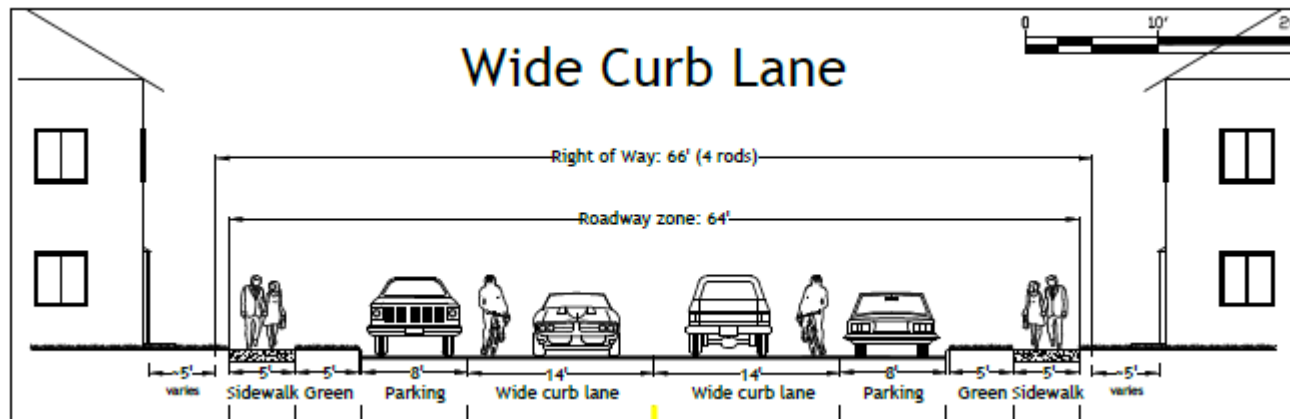
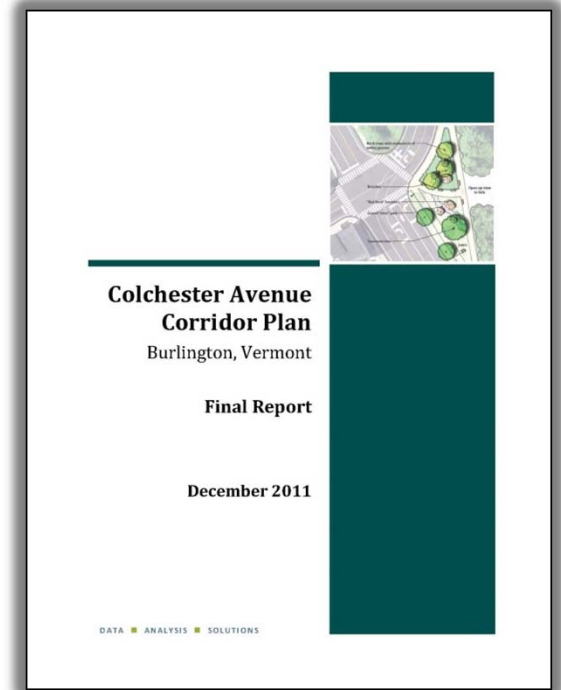


Study Tasks and Timeline

- Task 1: Data gathering ,existing conditions analysis;
January-February
- Task 2: Local concerns public workshop; **March**
- Task 3: Alternatives development, PAC meeting,
public workshop; **March – June**
- Task 4: Alternative evaluation, draft scoping report,
PAC meeting ; **July- September**
- Task 5: Alternative presentation, final report;
October - December

Colchester Avenue Corridor Plan

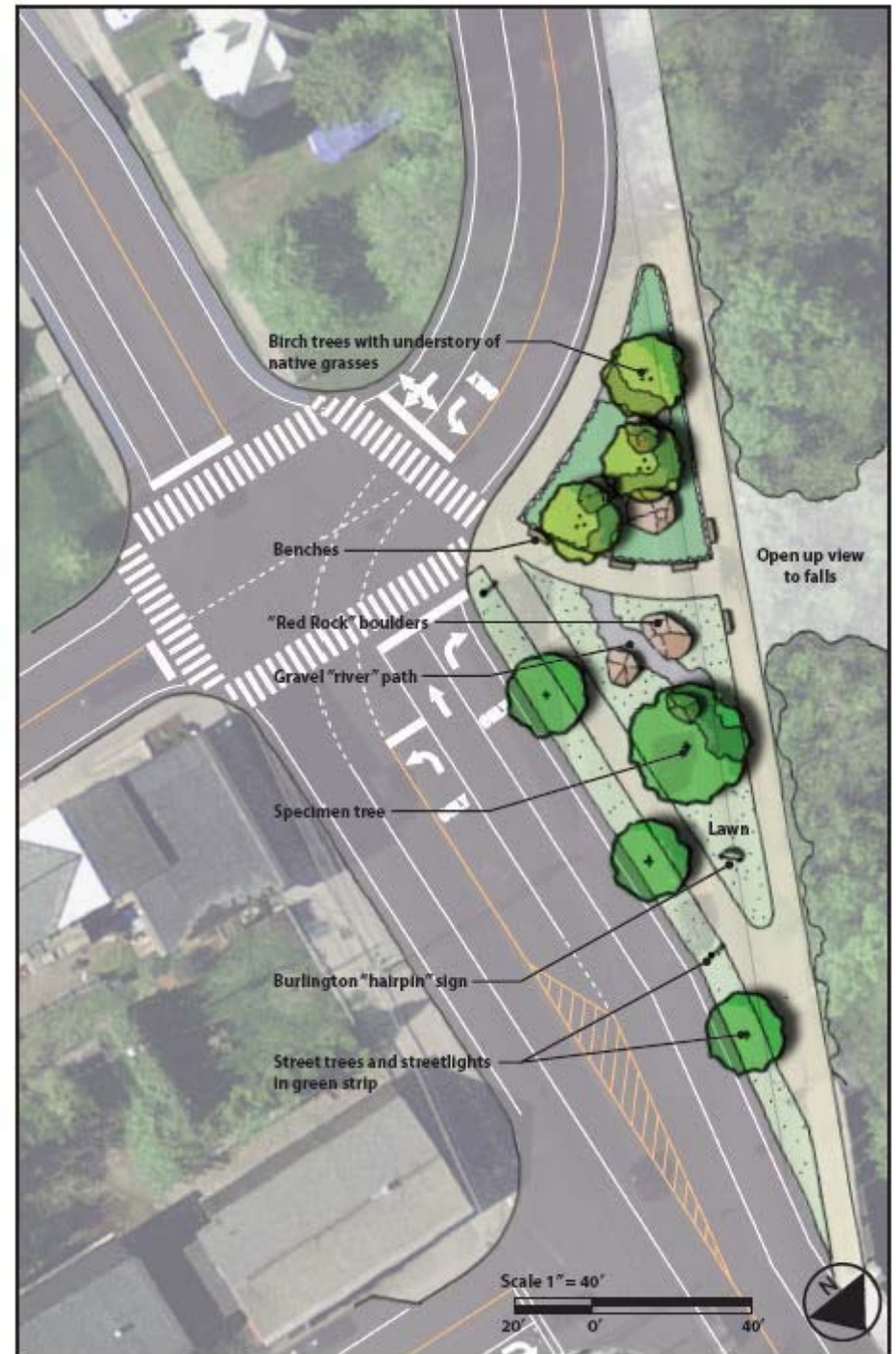
- Complete street corridor
- Gateway to Burlington
- Safety, Bicycle/Pedestrian Access, Transit, Streetscape, Traffic Congestion



Colchester Ave Concept Plan

- Consolidates intersection
- Removes Mill Street from signal
- Creates pocket park

"Reconstruction of the Riverside Avenue-Barrett Street-Mill Street intersection...requires additional design, engineering and public outreach."



Burlington Transportation Plan Street Design Guidelines



Complete Street Toolbox

1. Transit Stops
2. Traffic Calming
3. Short Pedestrian Crossings
4. Bike Lanes
5. Updated Utilities/Lighting
6. Landscape Medians
7. Stormwater Treatment
8. Tree Belts

Related and Concurrent Projects

- Concurrent feasibility study of a bicyclist and pedestrian bridge over the Winooski River upstream/east of the existing bridge
- On-going Walk Bike Plan BTV
 - Improve intersection safety
 - Protected bike lanes
- Grove Street Housing Mitigation – Pedestrian signals
- Brisson Mill Street building redevelopment

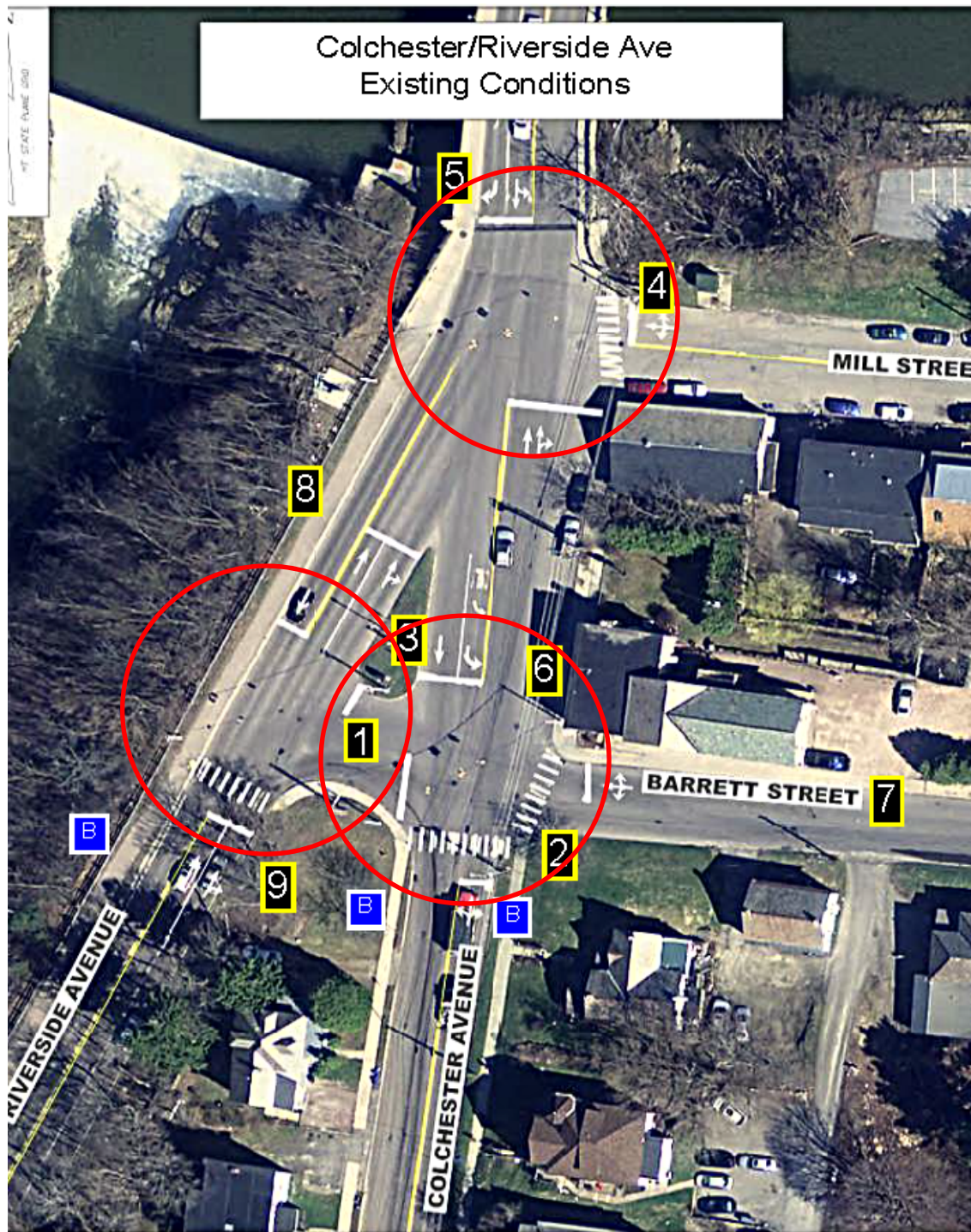


Project Advisory Committee

- Burlington City Staff – Nicole Losch, Meagan Tuttle
- Burlington City Council – Sharon Bushor
- Ward 1 NPA – Wayne Senville, Richard Hillyard
- CCTA – David Armstrong
- CATMA & Hill Institutions – Sandy Thibault
- AARP – Kelly Stoddard-Poor
- Winooski City Staff – Alex Sampson
- Local Motion – Jason Van Driesche
- Redstone – Linda Letourneau
- CCRPC – Eleni Churchill

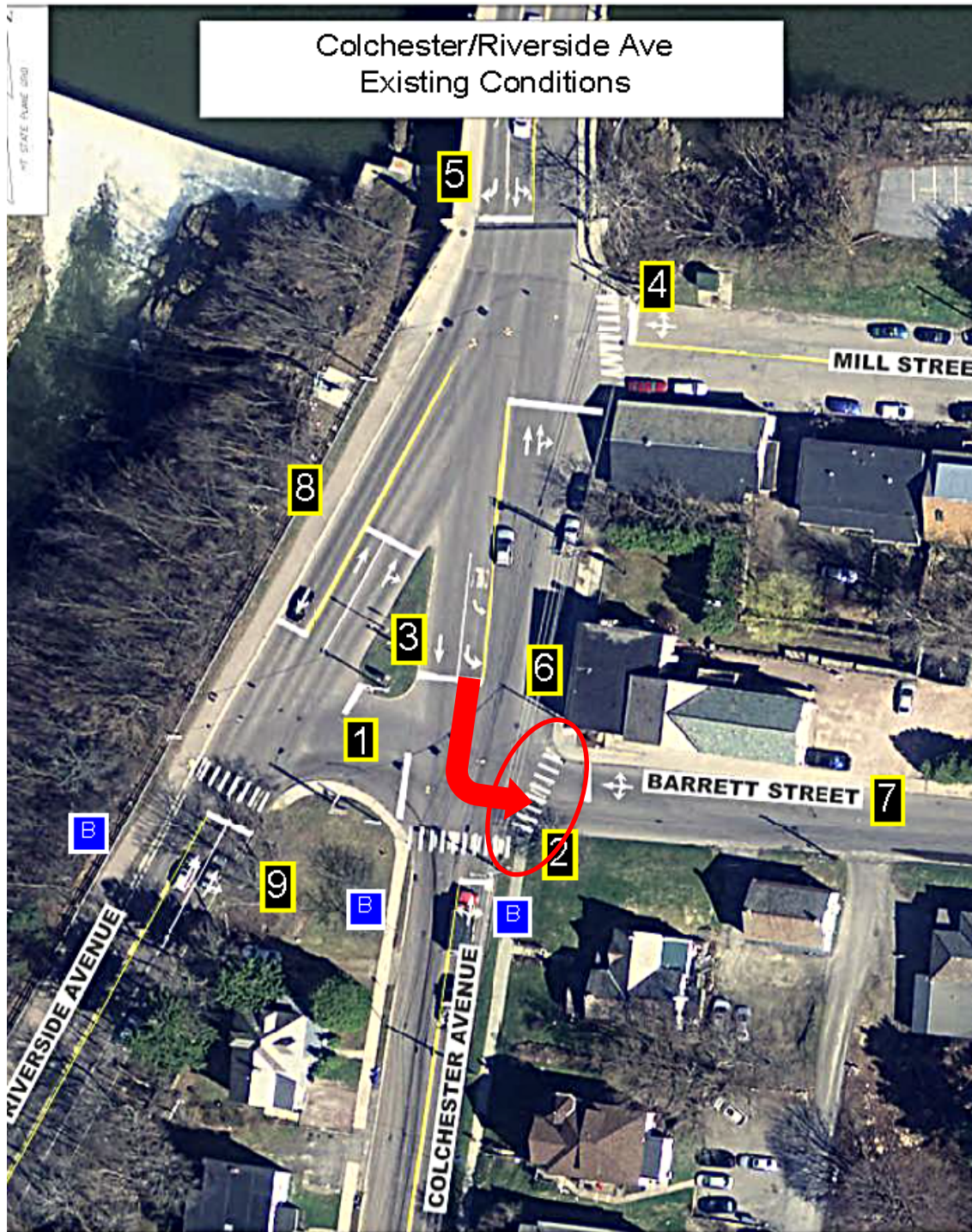
PAC Roles and Responsibilities

- Attend and participate in at least 3 PAC meetings
- Review and comment on distributed materials
- Provide guidance, insight, and feedback throughout
- Update representing entities on study progress
- Indicate preferences for improvements



1. Northern Gateway

- Operates as 3 intersections and are coordinated
- Over 30,000 vehicles per day
- Over 3,100 vehicles in PM peak hour
- 90% of the intersection space is dedicated for vehicles
- 7% pedestrians, 3% bicycles
- High crash location, ranked #22 in the State

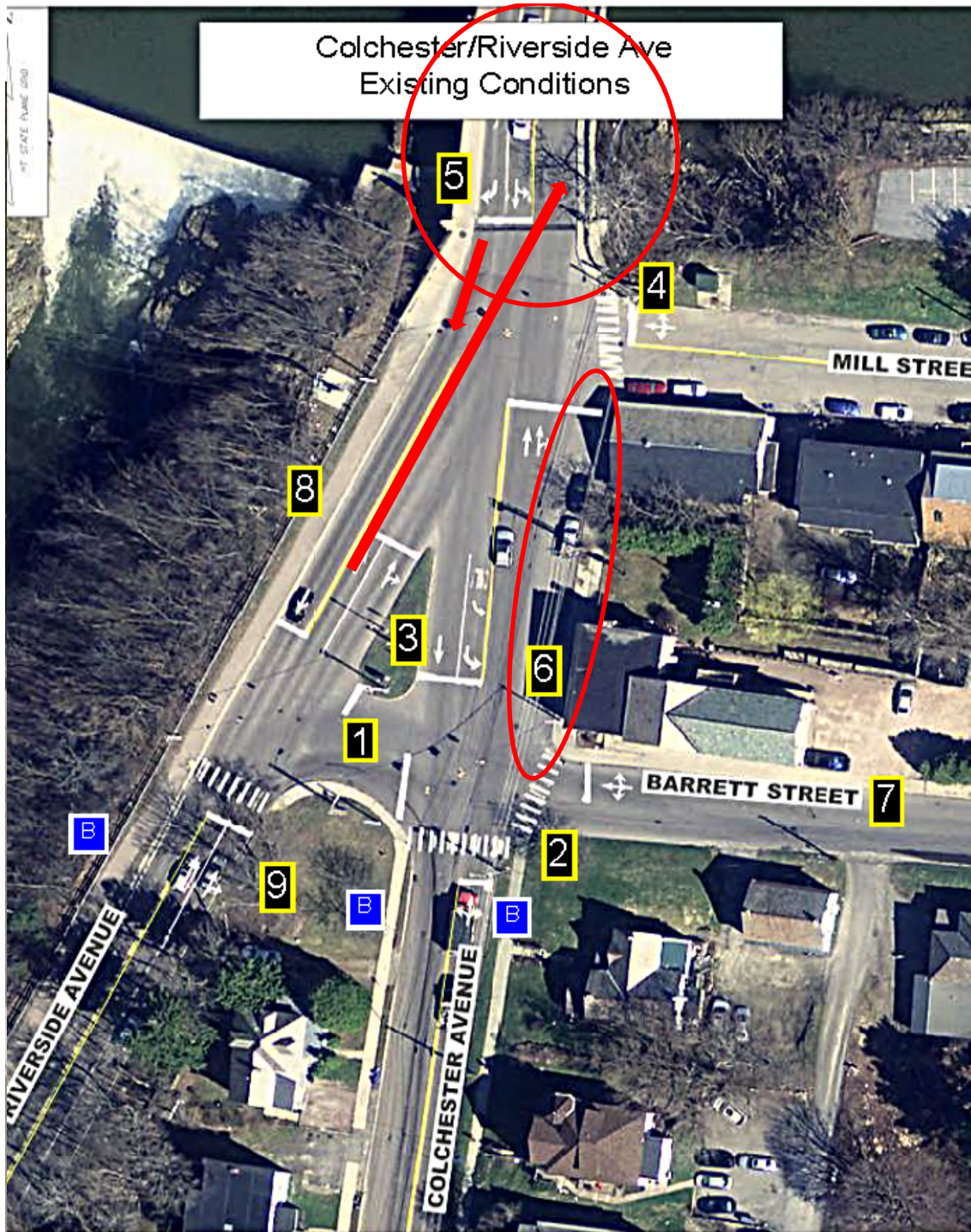


2. Pedestrian crossings

- No Ped signals
- Barrett Street crossing report crashes
 - 1 pedestrian fatality
 - 1 pedestrian injury
 - 1 bicyclist injured
- All by southbound Colchester Ave. left turning vehicles.

3. Colchester Ave Southbound

- Left turns do not have a left arrow and limited gaps promotes risky left turns.



4. Mill Street

- Right turn on red from the bridge - possible conflict with Mill Street

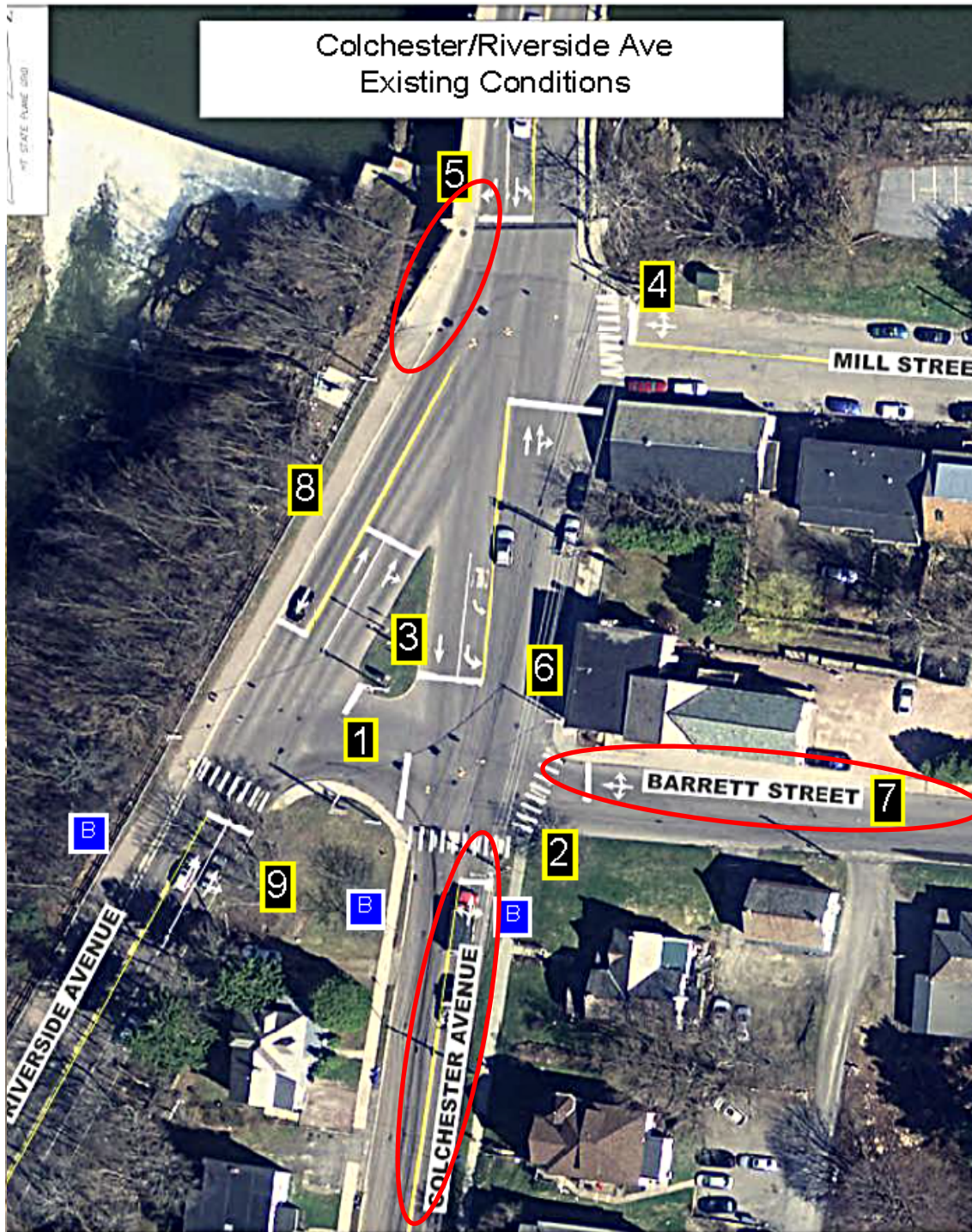
5. Winooski Approach

- Highest traffic volume and greatest number of crashes
Primarily rear ends
- Stop bar conflicts with Riverside Ave vehicles

6. On-street parking

- Not marked, operates parallel and diagonal at drivers discretion





7. Colchester/Barrett

- Greatest delay and greatest PM vehicle queues
 - Barrett Street > 200 feet
 - Colchester Ave NB > 200 feet

8. Bicycles

- Riverside Ave shared use path ends at bridge
- No dedicated on-road bike facilities

9. Transit stops

- Three located within limits



Public Input and Solutions

What are the most important conditions, concerns, issues or solutions?

- Safety
- Pedestrian operations
- Bicycle travel
- Congestion
- Transit operations
- Economic development

Next steps and Public Workshop

- Develop ideas/solutions to address concerns
- Review with PAC members
- Conduct public workshop to seek input on alternatives – **May/June.**

Thank you!

Contact information

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Project Website:
<http://bit.ly/colchester-riverside>