Colchester/Riverside/Barrett/ Mill Intersection Such

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Stantec

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

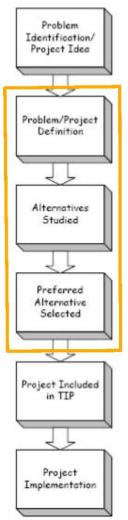




Typical Project Process

The Life of a Project: From Concept to Reality

Typical Stages in the Development and Funding of Transportation Projects



<u>Problem Identification/Project Idea</u> – The process starts when a particular transportation problem is identified or a new idea is put forward. This step can be initiated by members of the public, local elected officials, a private business, a community group, or a public agency. The CCMPO also often identifies problems and projects through its ongoing regional planning process.

<u>Problem/Project Defined</u> – The problem or project idea is brought to the CCMPO by local officials for definition and discussion (development of "purpose and need").

<u>Alternatives Studied</u> – As part of the Unified Planning Work Program (UPWP), the CCMPO studies the problem/project idea and examines alternatives through our Technical Assistance and/or Scoping and Project Definition process. In some cases, depending on the scale and complexity of the project, the CCMPO can develop a "quick fix" to resolve the problem quickly.

<u>Preferred Alternative Selected</u> – Working with affected community and the public, the CCMPO facilitates the selection of a preferred alternative, which flows from the study process, for implementation.

<u>Project Included in TIP</u> – Once local and regional consensus is reached on the best alternative for the project, it moves to consideration for prioritization and inclusion by the CCMPO in the Transportation Improvement Program (TIP).

<u>Project Implementation</u> – Once the CCMPO votes to include the project in the TIP for funding, the Governor (through VTrans) and federal agencies must approve it. After these approvals, it is added to the Statewide Transportation Improvement Program and the Statewide Capital Program for funding, engineering, design, and construction.



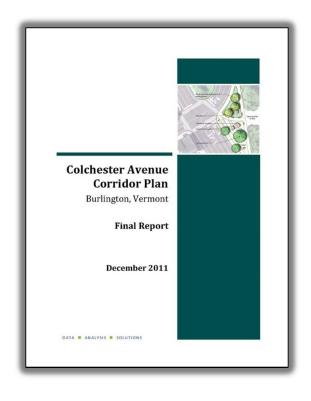
Study Tasks and Timeline

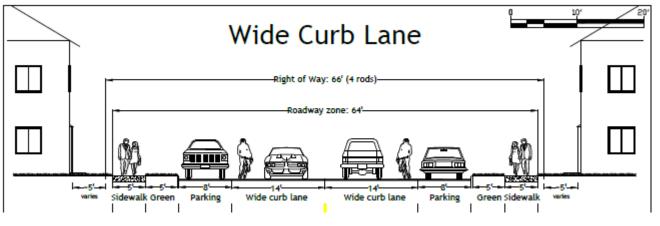
- Task 1: Data gathering , existing conditions analysis; January-February
- Task 2: Local concerns public workshop; March
- Task 3: Alternatives development, PAC meeting, public workshop; March – June
- Task 4: Alternative evaluation, draft scoping report, PAC meeting ; July- September
- Task 5: Alternative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

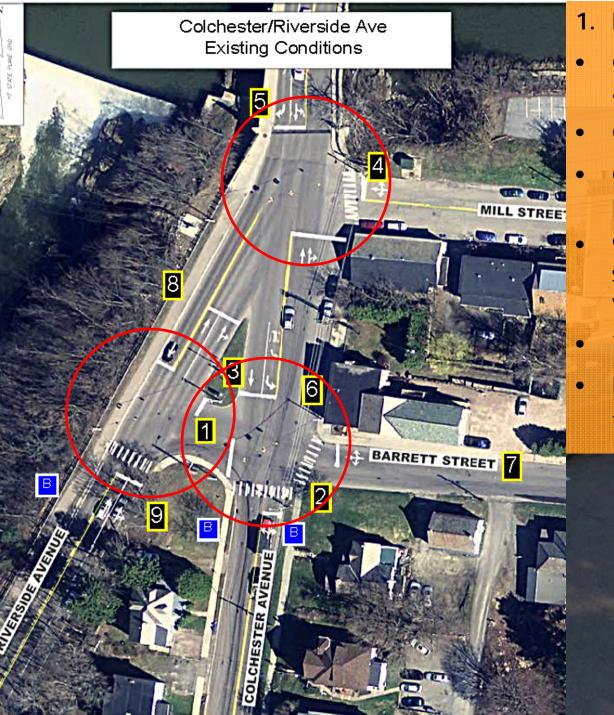
- Burlington City Staff Nicole Losch, Meagan Tuttle
- Burlington City Council Sharon Bushor
- Ward 1 NPA Wayne Senville, Richard Hillyard
- CCTA David Armstrong
- CATMA & Hill Institutions Sandy Thibault
- AARP Kelly Stoddard-Poor
- Winooski City Staff Alex Sampson
- Local Motion Jason Van Driesche
-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



PAC Roles and Responsibilities

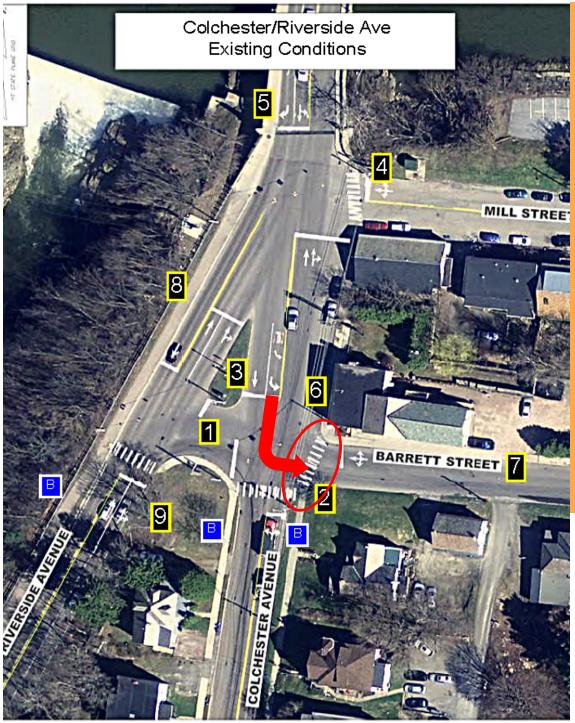
- Attend and participate in at least 3 PAC meetings
- Review and comment on distributed materials
- Provide guidance, insight, and feedback throughout
- Update representing entities on study progress
- Indicate preferences for improvements





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



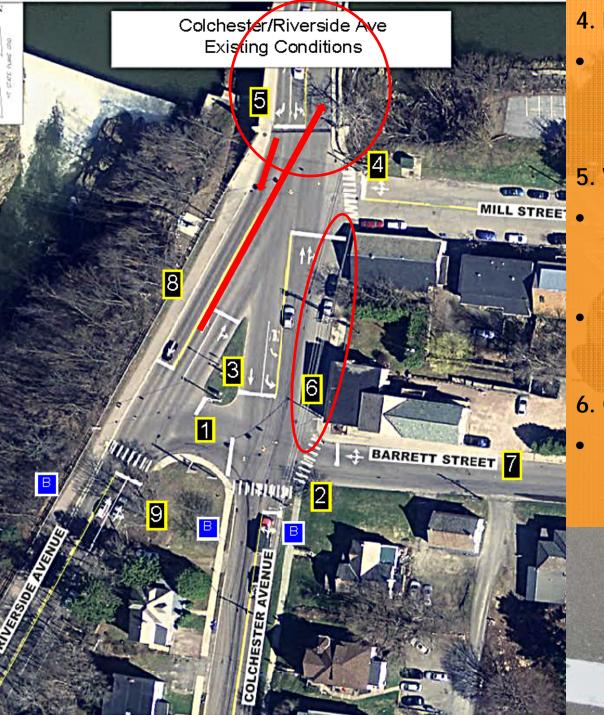
2. Pedestrian crossings

- 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

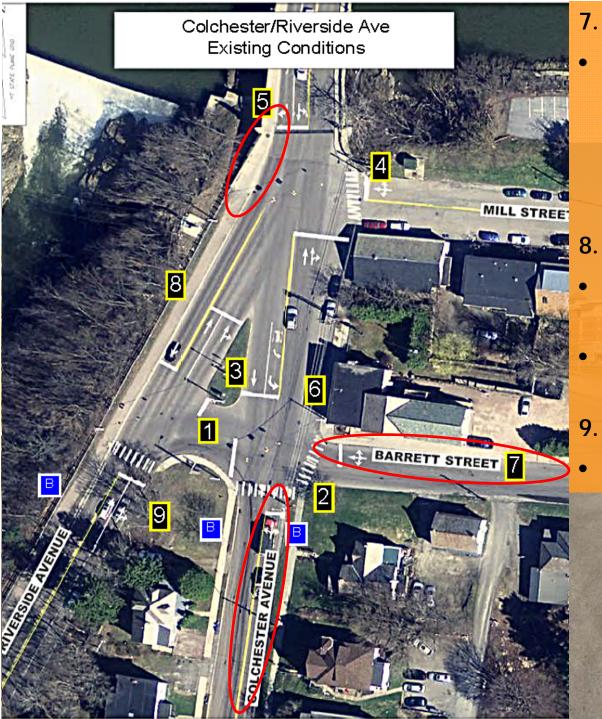
 Right turn on red from the bridge - possible conflict with Mill Street

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

