



# Champlain Parkway Community Meeting



# Project Overview



- 2.5 mile transportation corridor improvement project
- Purpose and Need: “Improve access from the vicinity of the interchange of I-189 and Route 7 to...the downtown waterfront area; and to improve circulation, alleviate capacity overburdens, improve safety on local streets in the project study area and provide traffic relief in the southwestern quadrant of the City...”
- Funding split 95% Fed / 3% State / 2% City
- City took over project management in 1998
- \$8M expended since 1998
- Federal Record of Decision / FSEIS received in 2010
- State Act 250 permit received in 2014
- Construction projected to start in 2018

# Project Overview



# 2012 City Council Resolution

## Resolution Relating to

**RESOLUTION 8.**

Sponsor(s): Councilors Paul, Blais, Mason, Shannon, Aubin, Harnett, Bushor

Introduced: 10/15/12

Referred to: \_\_\_\_\_

Action: adopted

Date: 10/15/12

Signed by Mayor: 10/23/12

ACCEPTING REPORT ON EXPLORATION OF ROUTES BETWEEN THE CHAMPLAIN PARKWAY AND KING STREET NEIGHBORHOOD AND AUTHORIZING SCOPING ON RAILYARD ENTERPRISE PROJECT

NOW, THEREFORE, BE IT RESOLVED that the City Council hereby accepts the Mayor's report on these events and approves the City's continuing work to advance the Champlain Parkway;



# Project Overview



Section C-1: I-189 to Home Avenue

# Project Overview



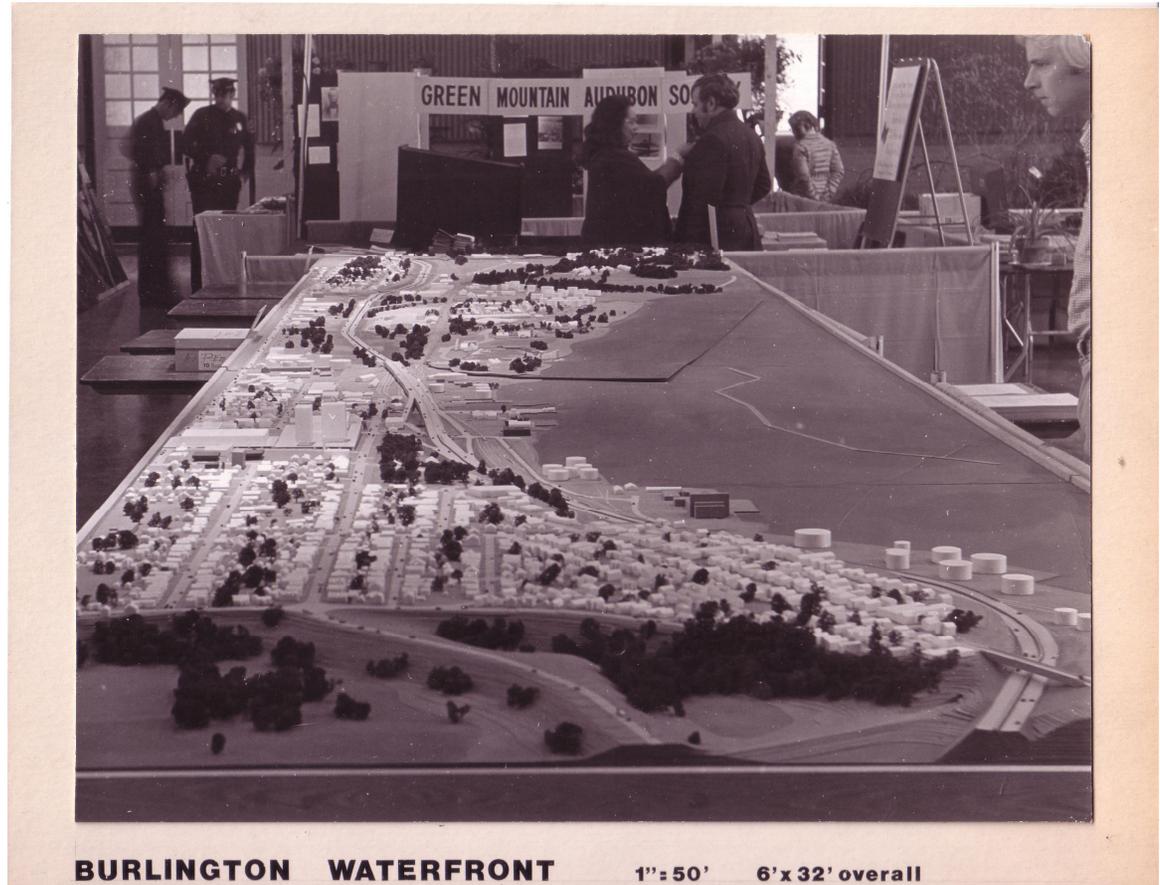
Section C-2: Home Ave to Lakeside Ave

# Project Overview



Section C-6: Lakeside Ave to Main St

# Project Origins



In 1965, the Department of Highways published the "Greater Burlington Urban Area Highway Plan"... The result of the study was a recommendation that a Burlington Belt Line be constructed, consisting of a four-lane freeway running the entire length of the city, facilitating travel between the various neighborhoods and the CBD. – 2009 FSEIS, page 1-1

# Project Origins



# Project Today



Today's two-lane, multi-modal design is a fundamental departure from the project's distant origins and will complement and foster the ongoing vitality of the South End well into the future. Components include:

- A new 25-mph city street between Home Avenue and Lakeside Avenue that will expand South End connectivity.
- 1.5 miles of new shared-use path in the South End
- New curbing and better crown for drainage along Pine Street
- Reduced truck and commuter traffic through the Home Avenue, Flynn Avenue, and Champlain School neighborhoods – allowing for future street redesign opportunities in those areas.
- Two major stormwater features that with other project components will improve stormwater management.
- Install new sidewalk, crosswalks, pedestrian signals.

# Pine St Focused Design Refinements

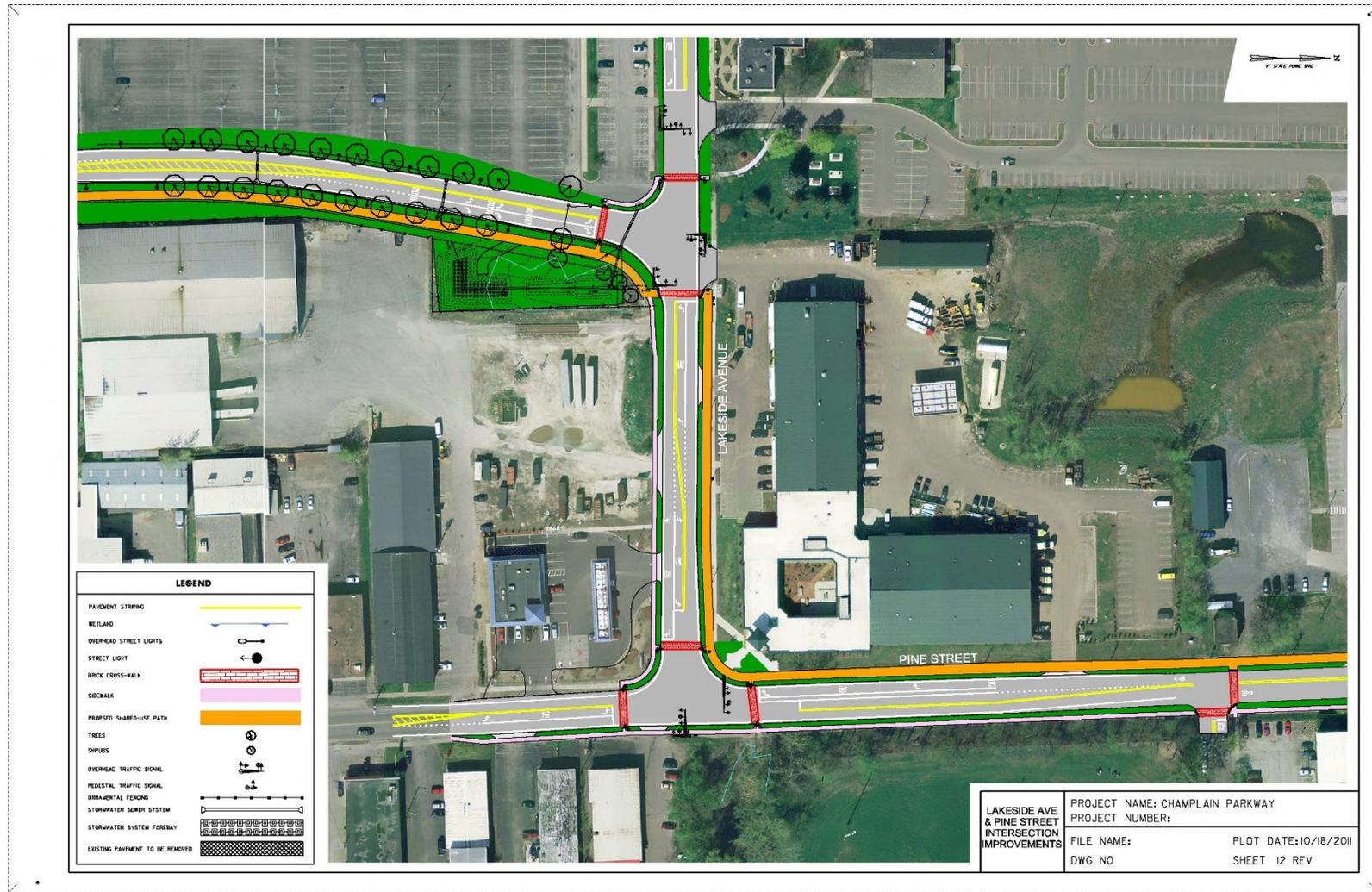


Earlier this year, the City compiled previous public input and developed design details that will further enhance safety for all modes along the project corridor – with a focus on the Pine Street portion of the project.

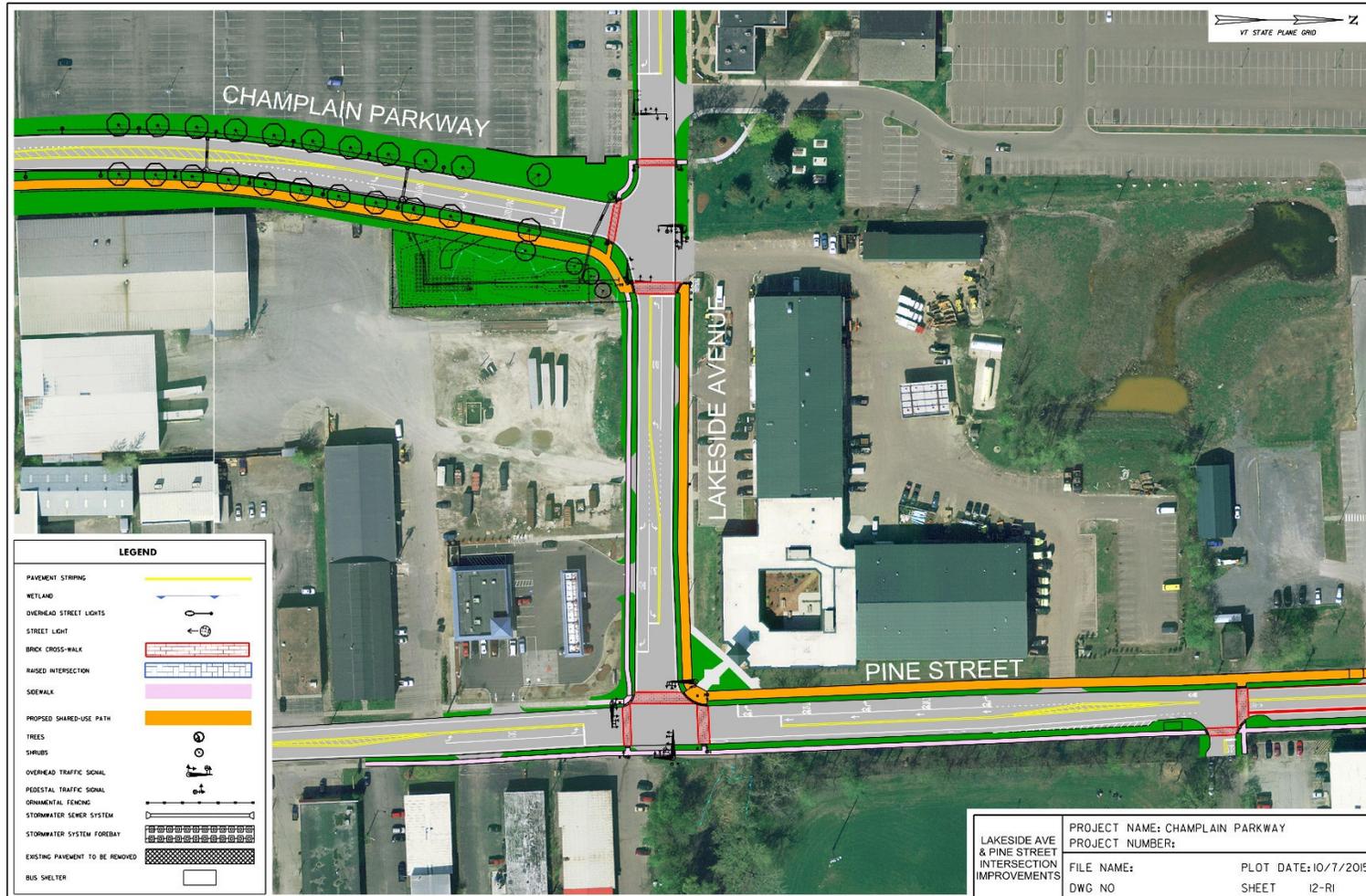
VTrans has agreed to incorporate these features into the project as long as they do not unreasonably impact the project's cost, permits, or timeline.

- Bulb outs at key intersections on Pine St
- Shorter crosswalks (due to tighter curb radii and bulb outs)
- New transit shelters at Pine/Locust, Pine/Howard, and Pine/Kilburn
- Buffered bike lanes between Kilburn St and Maple St
- Speed tables at 3 Pine St intersections (Kilburn, Marble and Howard)
- Narrower travel lanes through striping and colored/painted pavement
- Extension of shared-use path along Home Ave west to Industrial Ave

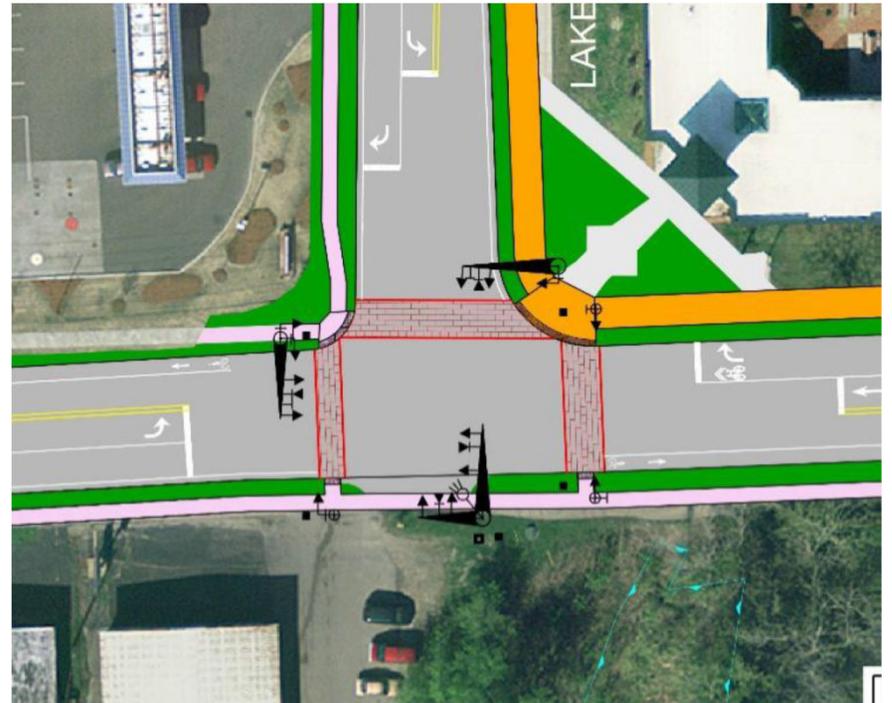
# Lakeside Avenue at Champlain Parkway and Pine St. Original Design



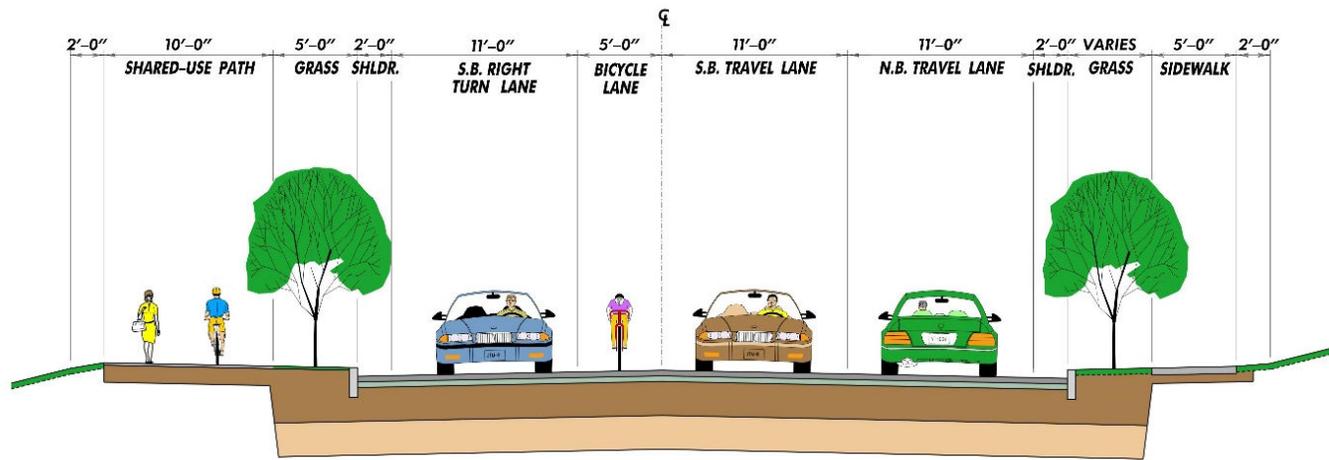
# Lakeside Avenue at Champlain Parkway and Pine St Current Design



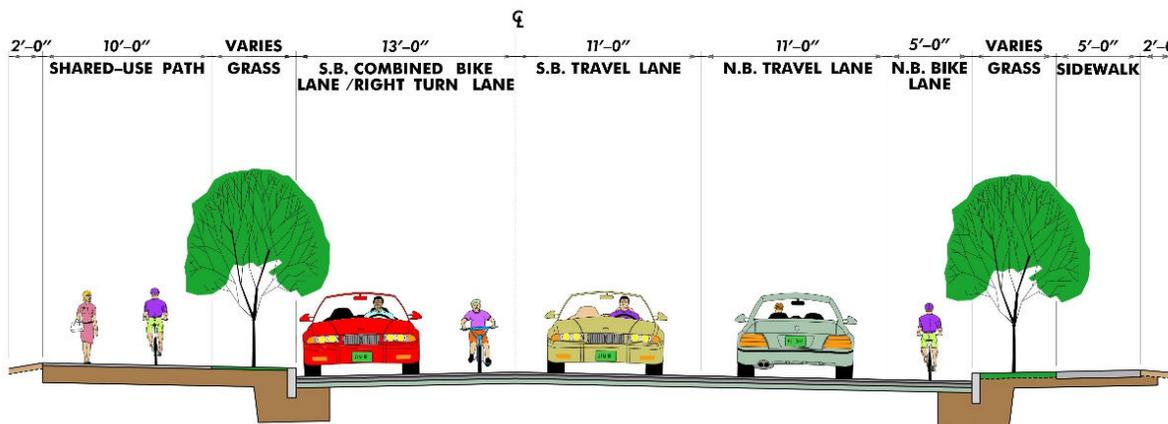
# Pine Street Intersections: Lakeside Avenue Design Detail



# Pine Street Cross Section Lakeside Avenue to Locust Street



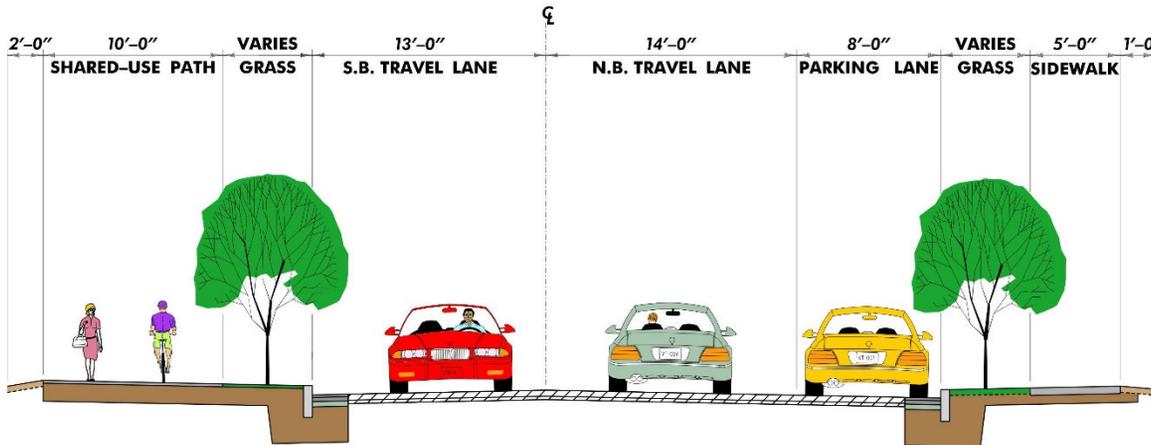
**Original Design**



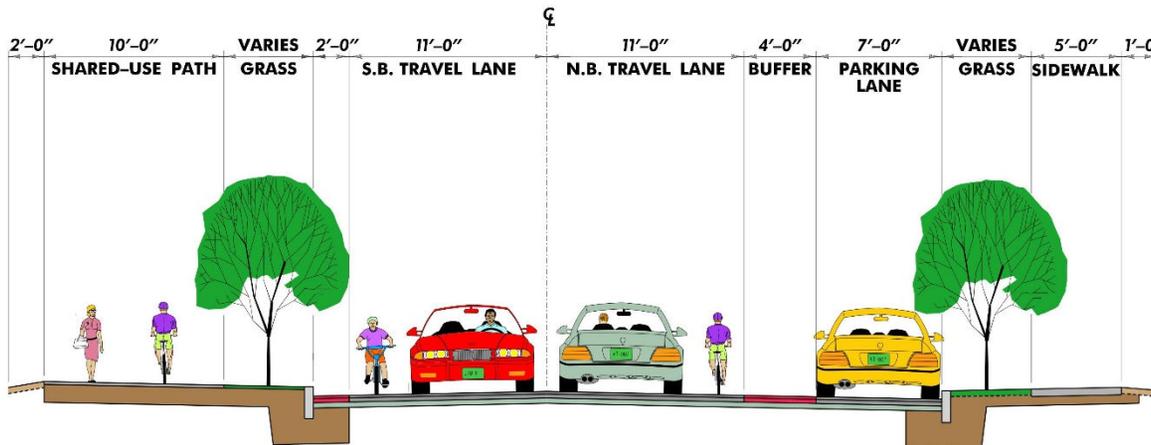
**Current Design**

- Provide combined bike lane/ RT turn lane SB
- Provide 5 ft. NB bike lane
- Narrow roadway by 2 ft. to provide increased buffer between road and shared use path

# Pine Street Cross Section Locust Street to Kilburn Street



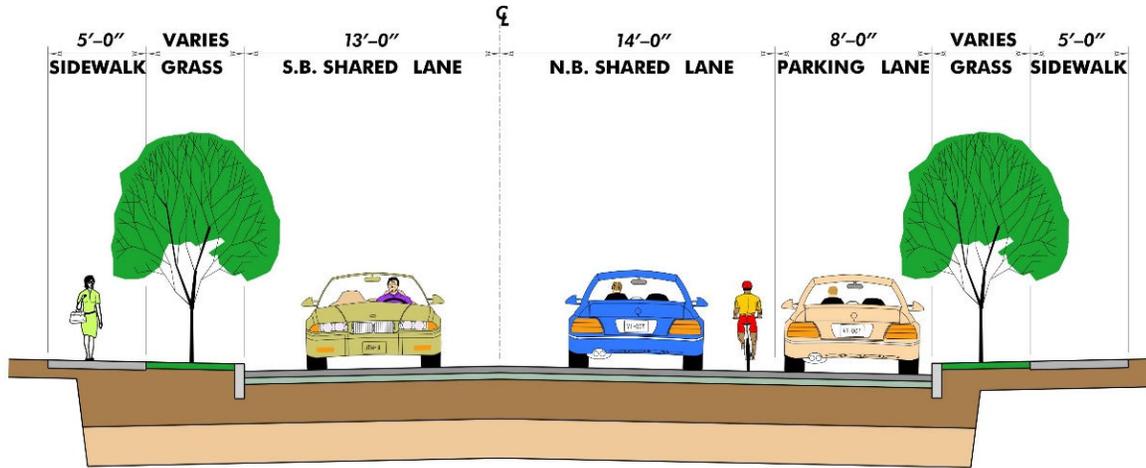
**Original Design**



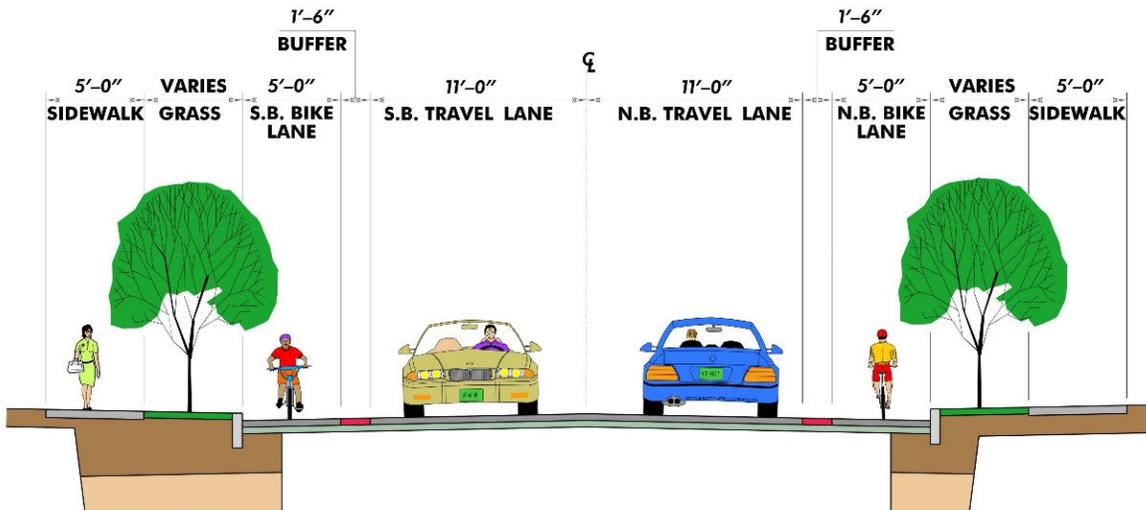
**Current Design**

- Incorporate contrasting materials and pavement markings
- Narrow travel lane width and improve delineation of space

# Pine Street Cross Section Kilburn Street to Maple Street



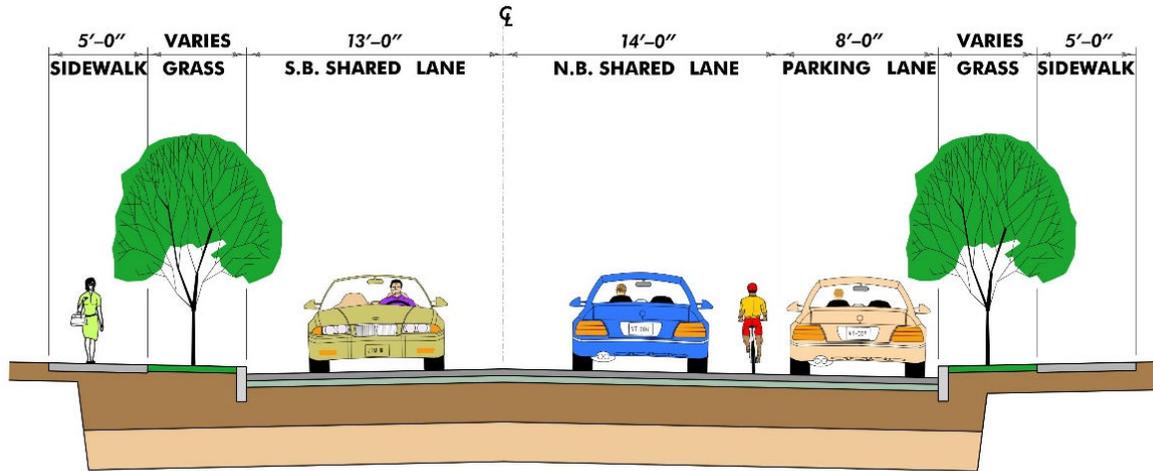
**Original Design**



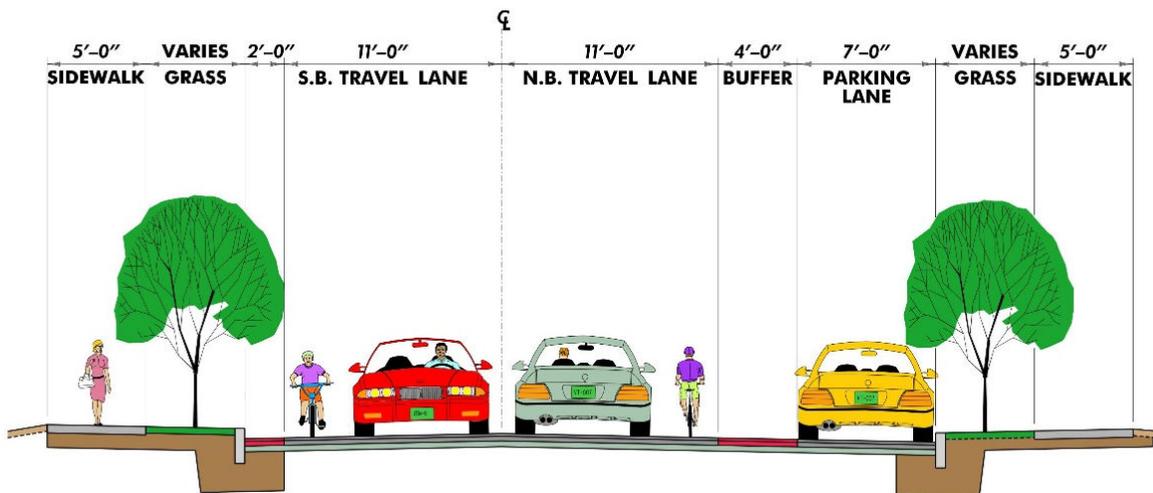
**Current Design**

- Provide separate bicycle lanes
- Does not include NB LT lane at Maple St.

# Pine Street Cross Section Maple Street to Main Street



**Original Design**



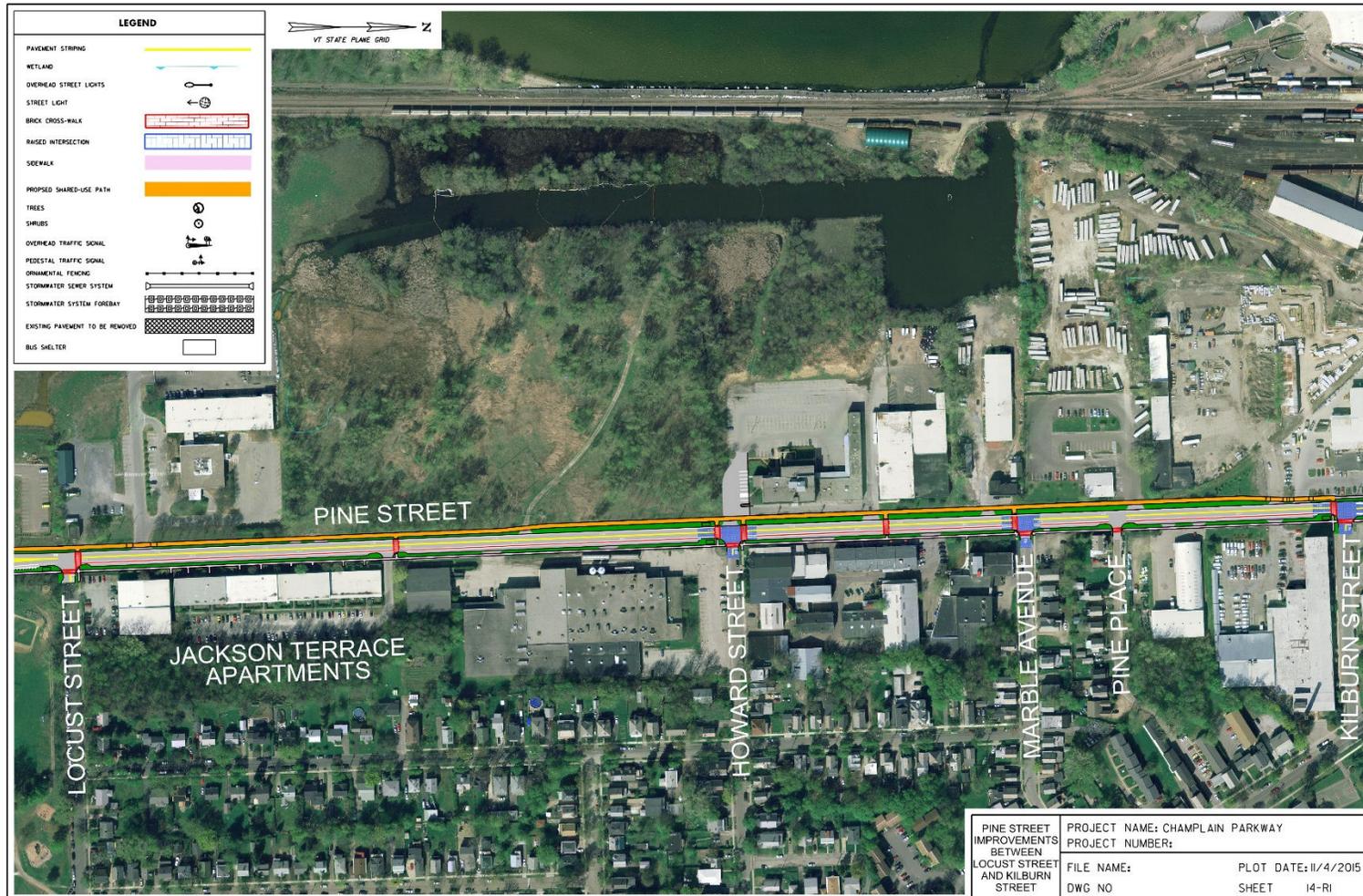
**Current Design**

- Reduce travel lane widths
- Reduce parking lane widths
- Provide on-street buffers

# Pine Street Intersections: Locust to Kilburn Original Design



# Pine Street Intersections: Locust to Kilburn Current Design

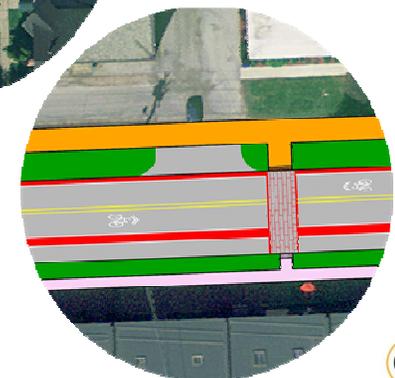


# Pine Street Intersections: Locust to Kilburn

## Description of Design Detail

### Intersection Design Details

- **Bus Bulbouts, Improved Transit Stops, New / enhanced shelters and Bicycle Racks**
  - Locust Street
  - Howard Street
  - Kilburn Street
- **Raised Intersections with Textured Surface**
  - Howard Street
  - Marble Avenue
  - Kilburn Street
- **Curb Extensions**
  - Pine Place
  - Jackson Terrace Apartments
- **Midblock Crossings, ADA ramps, new RRFB's**
  - Maltex Building at North Entrance



# Pine Street Intersections: Maple to Main Original Design



# Pine Street Intersections: Maple to Main Current Design



# Pine Street Intersections: Maple to Main

## Description of Design Detail

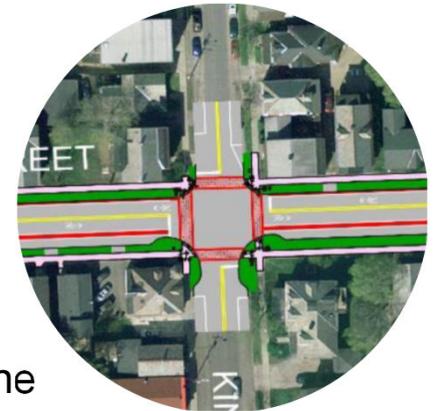
### Maple Street at Pine Street

- Remove NB left-turn lane on Pine Street
- Provide curb extension at NE corner and wrap around Maple Street
- Accommodate bike lanes on both sides of Pine Street (south of intersection)



### King Street at Pine Street

- Provide curb extensions on NE and SE corners and wrap extensions around King Street



### Main Street at Pine Street

- Modify Design Vehicle from WB-62 to WB-50
- Designate NB right-turn lane as a combined bike lane / turn lane
- Provide shared lane marking (aka "Sharrow") in right-turn lane

# Recent Accomplishments



- Environmental Court issued Act 250 permit for project with 39 conditions (August 25, 2014)
- DPW Commission approved reduced speed limit along entire project area. Reduced speed limit on Pine Street portion from 35mph to 25mph. (May 20, 2015)
- Railroad diagnostic report completed (July 30, 2015)
- VT Supreme Court rejected appeal and affirms issuance of Act 250 permit for the project (August 21, 2015)
- Pine & Lakeside intersection improvements underway (October 2015)

# Next Steps



- Review and approve project engineering plans
- Acquire any additional areas needed for right-of-way
- Secure approval of FSEIS re-evaluation
- Secure permit extensions / amendments
- Refine engineering plans to construction level of detail
- Bid project
- Construct project in 2018-2019
  - Estimated duration is 2 construction seasons
  - Phase I Pine Street & Lakeside, Phase II South of Lakeside

# Related Activity

Champlain Parkway doesn't address every issue in South End. City can and will advance separate projects to address outstanding issues.

- Crosswalks and flashing beacons added along Pine St. (2013)
- Champlain Elementary Pedestrian Improvements grant secured
- Pine & Lakeside intersection improvements underway
- King & Maple traffic calming study underway
- Railyard Enterprise Project



# Railyard Enterprise Project

The purpose is to develop a network of multimodal transportation infrastructure improvements in the Pine St and Battery St area, and to:

1. Support economic development in the area;
2. Improve livability of the surrounding neighborhoods;
3. Enhance multimodal travel connectivity between the Pine St corridor and Battery St in the Waterfront South area; and
4. Improve intermodal connections to the Burlington rail yard.



# Railyard Enterprise Project

## Public Meeting

*Review and provide feedback on the three alternatives recommended by the Steering Committee.*

December 9th, 6:30pm  
Arts Riot, 400 Pine St.

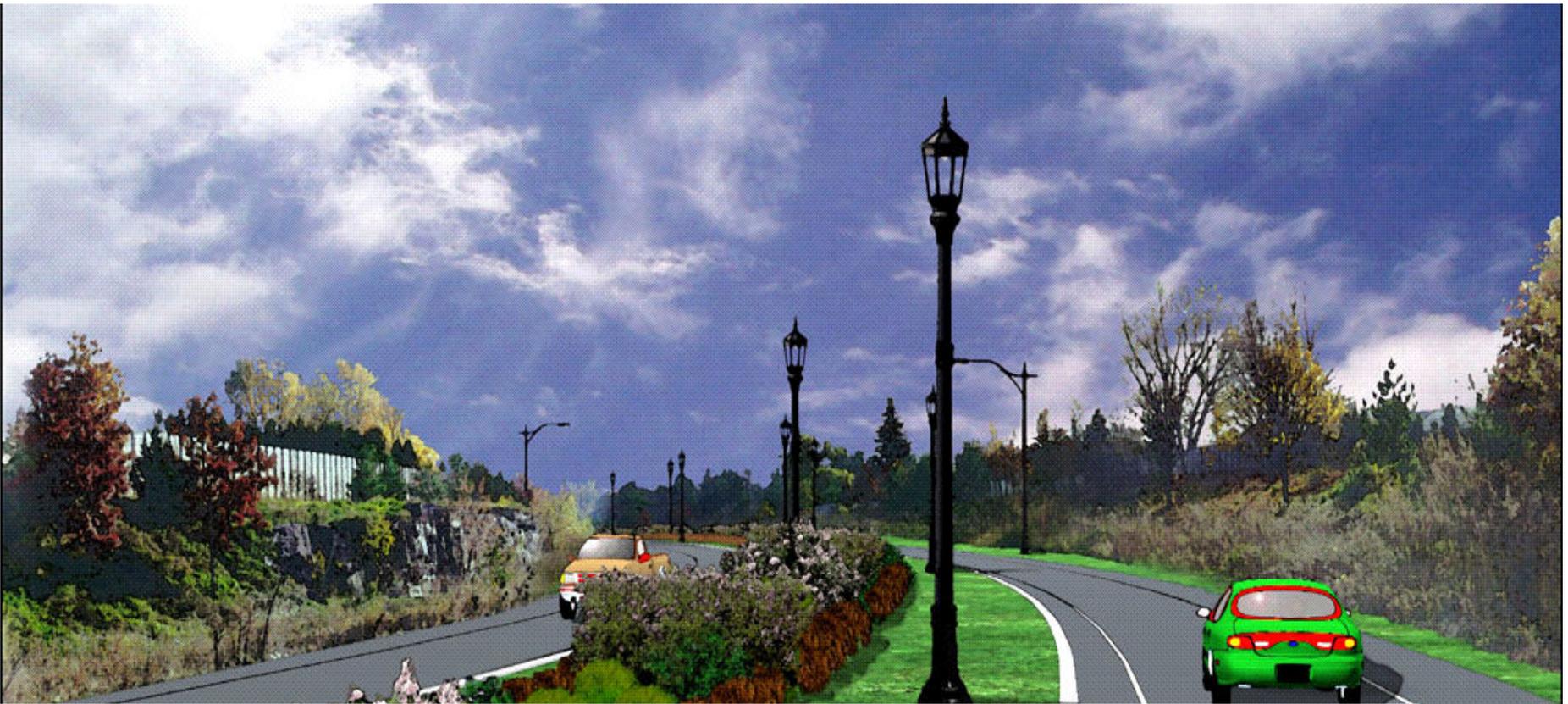
## City Council

*Council vote on the alternatives to send into the federal NEPA process.*

December 21st, 7pm  
Contois Auditorium, City Hall

**More info:** [www.ccprcvt.org](http://www.ccprcvt.org)





## Questions?

Project Manager:  
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More Info: [www.ChamplainParkway.org](http://www.ChamplainParkway.org)