





Howard Corners Intersection Scoping Study

Scoping Report Presentation

February 21, 2018

Introductions

Howard Corners Intersection Scoping Study Team:

Consultant Team:

Corey Mack, PE

Roxanne Meuse, EIT

Consultant Project Manager

Consultant Planner and Designer

Public Works Team:

Susan Molzon

Nicole Losch

Steering Committee:

Scott Mapes

RJ Lalumiere

Resident

Walk-Bike Council

Ross Gouin

VTrans Supervisor



Why We're Here

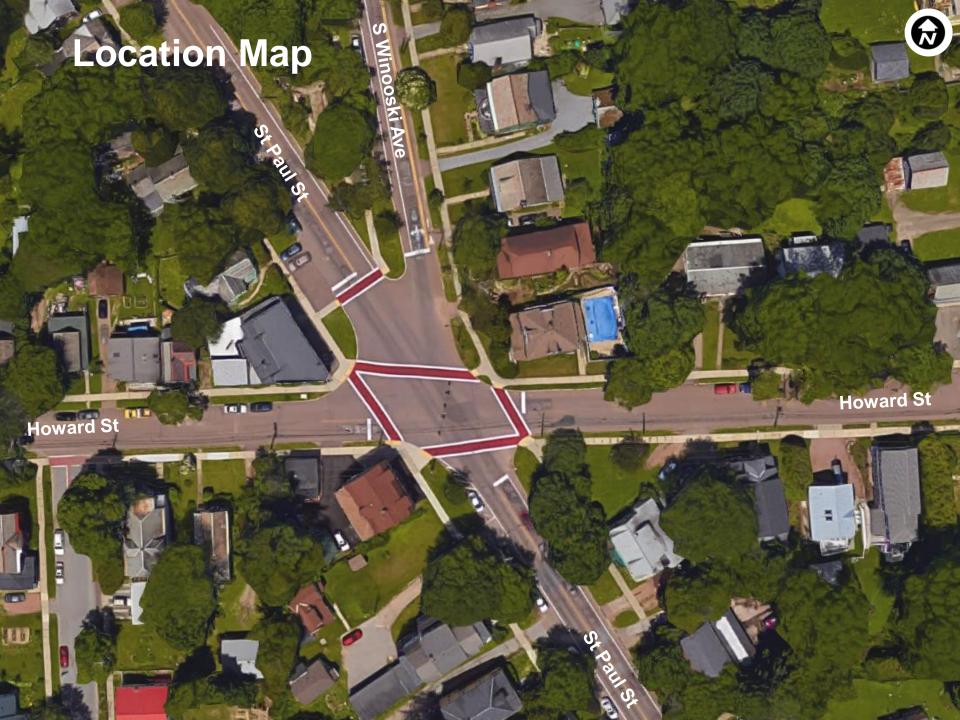
Burlington was awarded a grant to study the **Winooski – Howard – St Paul** intersection and evaluate alternative designs that can be implemented to **improve safety**, **meet accessibility standards**, and **foster an emerging neighborhood**.

An Intersection Scoping Study includes:

- Existing Conditions Review
- Local Concerns Meeting (November 11, 2016)
- Alternatives Development and Analysis
- Alternatives Presentation Meeting (June 27, 2016)
- Final Scoping Report

- Demonstration: July 26 July 30, 2017
- Scoping Report Presentation (Tonight)











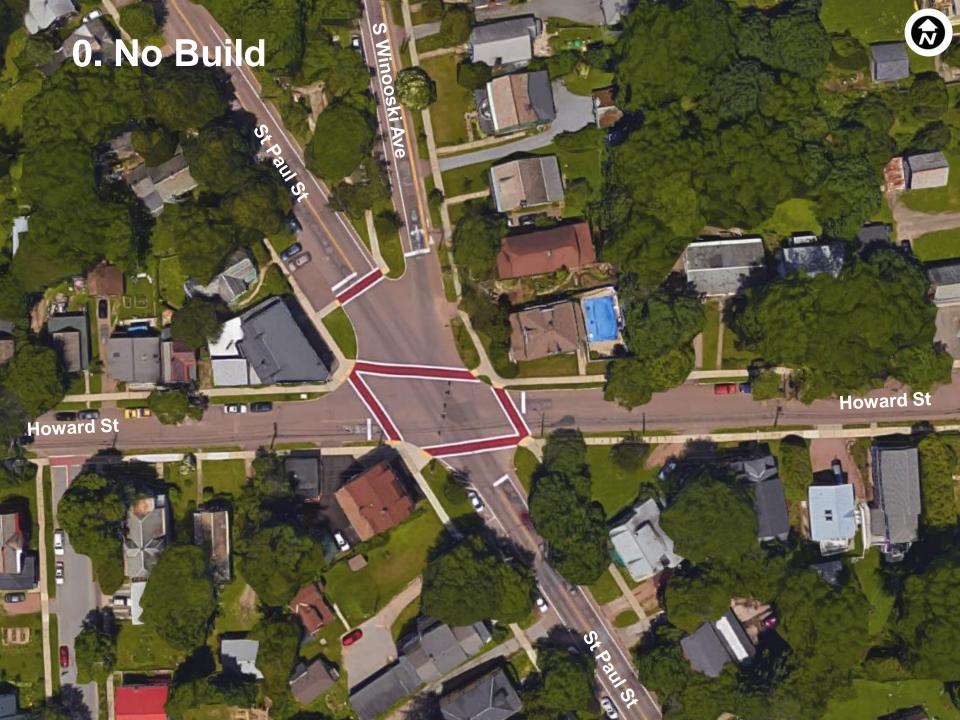




Alternatives

- 0. No Build
- 1. Quick Build Project
- 2. New Signal System Existing Geometry
- 3. New Signal System Realigned Roadway
- 4. Dual Roundabout Realigned Roadway
- 5. Modern Roundabout





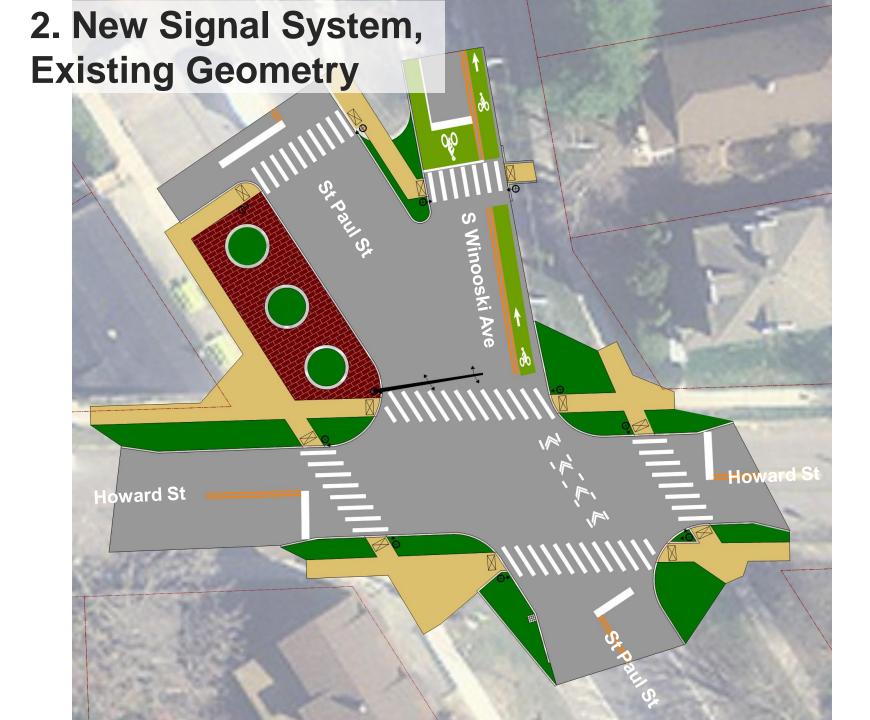
1. Quick Build Project S Winooski Ave NO TURN ON RED

Howard St

ON TURN ON RED NO TURN ON RED

Howard St







3. New Signal System, Realigned Roadway





4. Dual Roundabouts, Realigned Roadway





5. Modern Roundabout



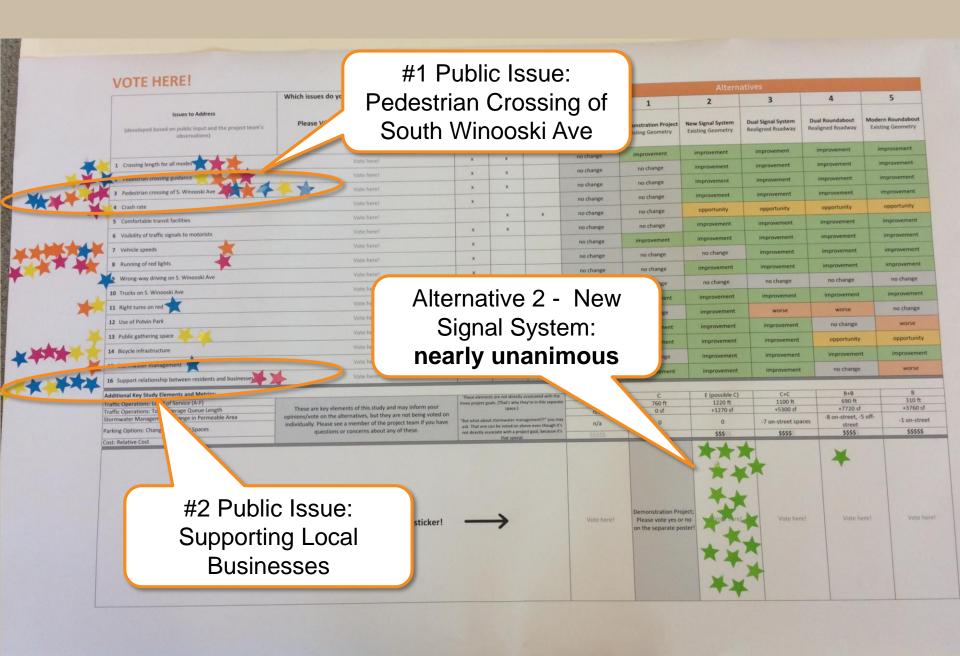


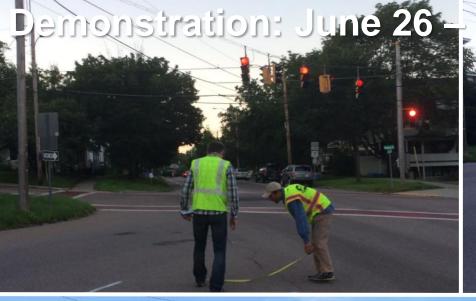
XX. Single Mini-Roundabout











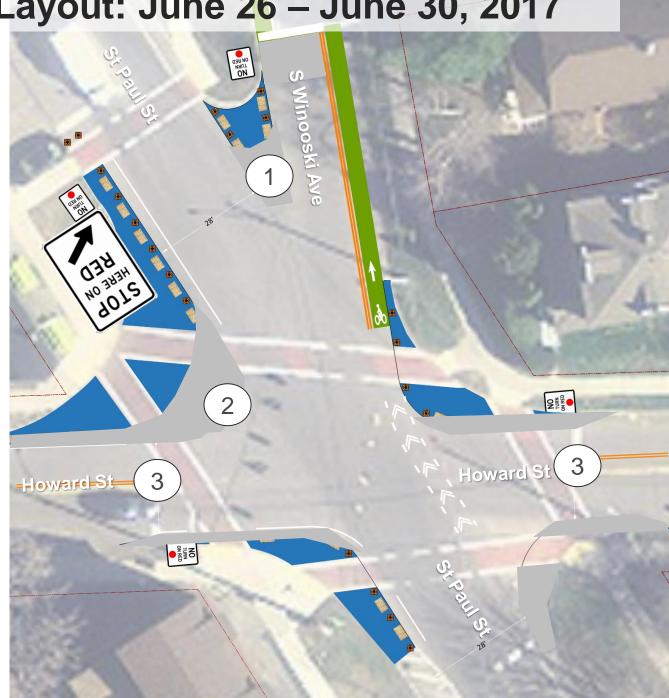




Demonstration Layout: June 26 – June 30, 2017

What we learned from Demonstration Project:

- Increase SB Winooski
 St Paul right turn
 curb radius
- Increase SB St Paul -Howard right turn curb radius
- 3. Maintain existing Howard Street width
- 4. STOP HERE ON RED sign



Recommendation: Quick Build Project – Part 1

Modified from results of Demonstration Project:

- Incorporating lessons learned from **Demonstration Project**
- 2. Continue to monitor and refine design based on operation



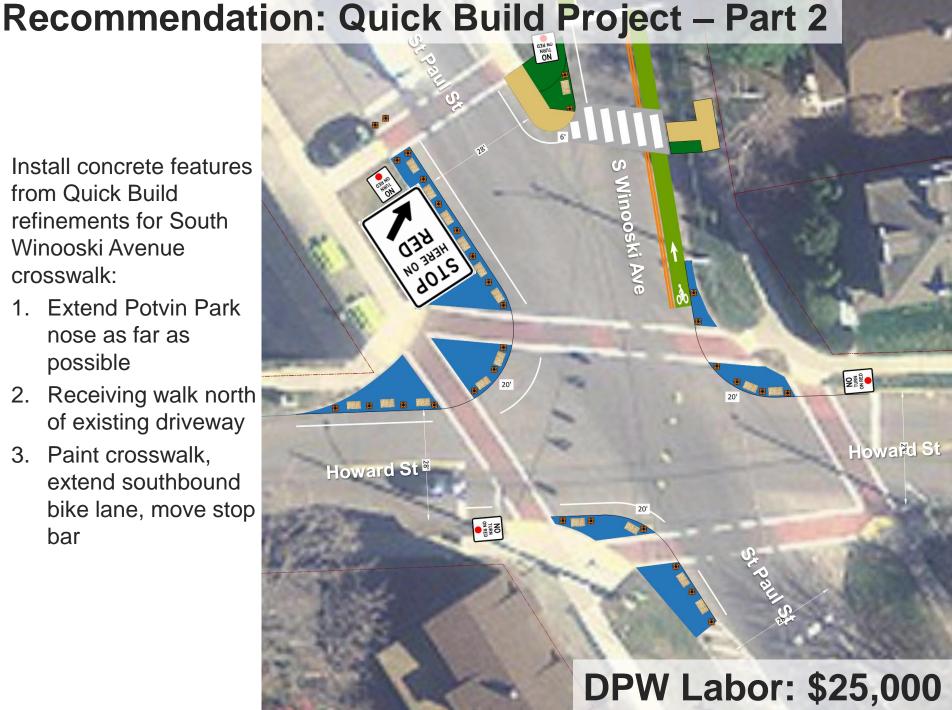
Install concrete features from Quick Build refinements for South

1. Extend Potvin Park nose as far as possible

Winooski Avenue

crosswalk:

- 2. Receiving walk north of existing driveway
- 3. Paint crosswalk, extend southbound bike lane, move stop bar



Long Term Recommendation: New Signal System Make Quick-Build layout permanent New pedestrian signals on all approaches Stormwater improvements 1.0 - 1.5 million

Discussion

Next Steps:

- Endorse a Preferred Alternative
- Plan DPW Resources for Quick Build Parts 1 & 2 (as early as this fall)
- Look for grant funding for new signal system





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