



Transportation Advisory Committee

TOWN OF BELMONT

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Date: April 26, 2019
To: Members – Transportation Advisory Committee
From: Glenn R. Clancy, Committee Liaison
Subject: Agenda for Meeting on May 2, 2019 at 7:00 PM in Town Hall Board of Selectmen's Meeting Room 2. If you cannot attend the meeting, please contact me via e-mail.

- 7:00 – 7:05** Approval of Minutes (April 25, 2019)
- 7:05 – 8:00** Park Avenue Public Meeting
- Discussion of Proposed Traffic Calming Improvements
- 8:00 – 8:30** Common Street Bike Lanes
- Bike Lane Striping Options
 - Discussion on Public Hearing Presentation
- 8:30 – 8:50** Traffic Calming Policy—Review revised draft document
- 8:50 – 8:55** Old Business
- No Known Items
- 8:55 – 9:00** New Business
- No Known Items
- 9:00** Adjourn

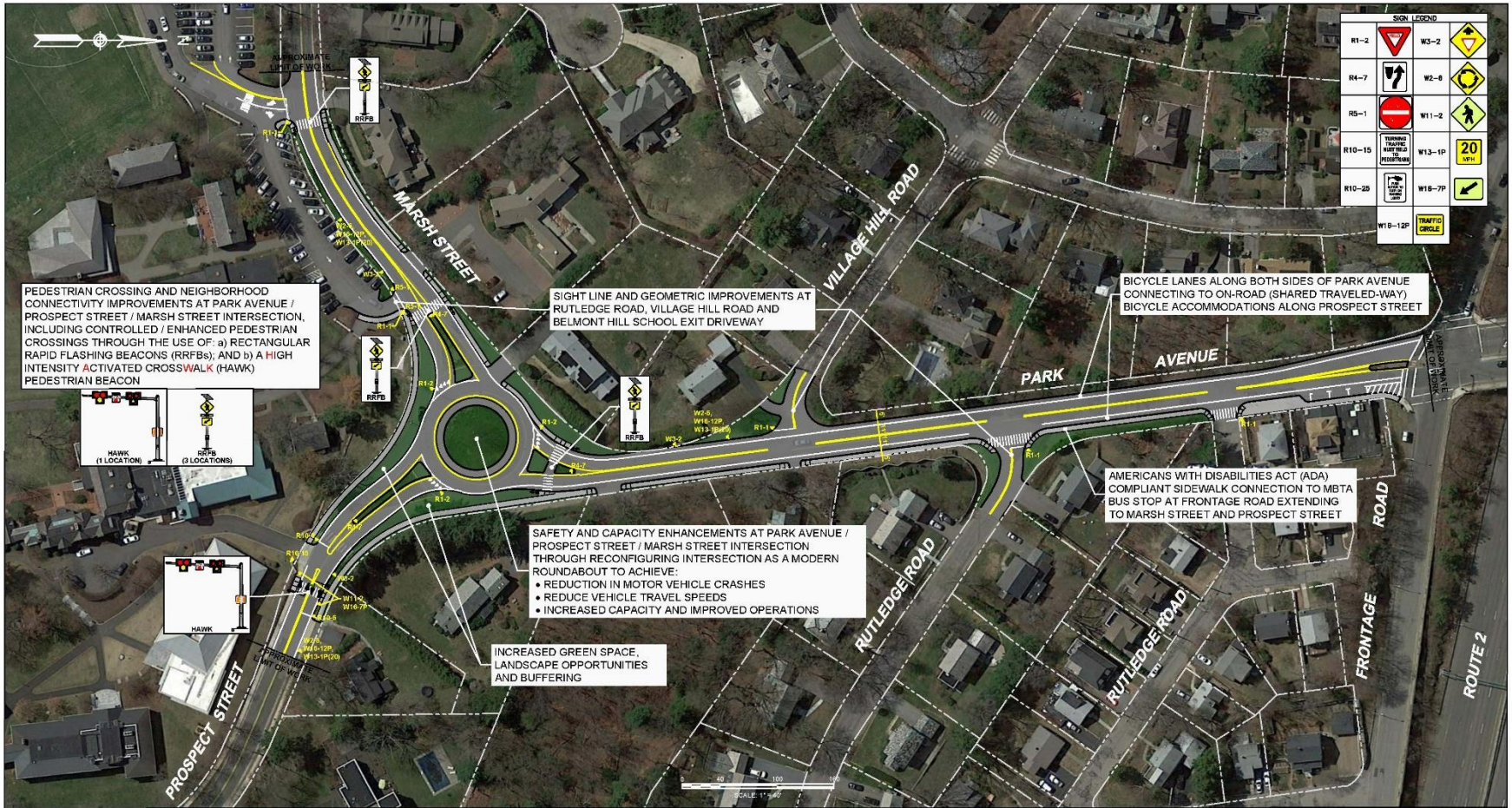
Note: Times are tentative depending on the flow of the meeting, the time of any particular item may deviate ten to fifteen minutes from the schedule.

Cc: Patrice Garvin, Town Administrator
Sgt Ben Mailhot, Belmont Police Department
Jay Marcotte, Director, Department of Public Works
Richard McLaughlin, Belmont Police Chief

Existing Conditions Context



Conceptual Improvement Plan



SUMMARY OF ROUNDABOUTS BENEFITS VS. TRAFFIC SIGNAL CONTROL

Lives saved

- Up to a 90% reduction in fatalities
- 76% reduction in injury crashes
- 30-40% reduction in pedestrian crashes
- 75% fewer conflict points than a four way intersection

Slower vehicle speeds (under 30 mph)

- Drivers have more time to judge and react to other cars and pedestrians
- Advantageous to older and novice drivers
- Reduces the severity of crashes
- Keeps pedestrians safer

Efficient traffic flow

- 30-50% increase in traffic capacity

Reduction in pollution and fuel use

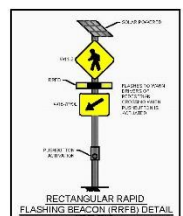
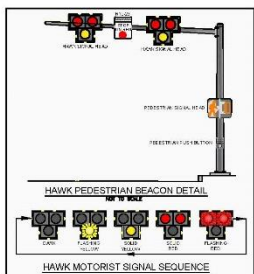
- Improved traffic flow for intersections that handle a high number of left turns
- Reduced need for storage lanes

Increased service life

- Service life of a roundabout is 25 years (vs. the 10-year service life of signal equipment)

Community benefits

- Traffic calming
- Aesthetic landscaping



Preliminary Cost and Next Steps

➤ Preliminary Cost Estimate:

- Design and Survey: \$230,000
- Construction: \$1,510,000*
- **Total: \$1,740,000**

* includes a 25% contingency

➤ Next Steps:

- Present Plan to the Transportation Advisory Committee
- Prepare MassWorks Grant Application
- Develop Preliminary Improvement Plan and Cost Estimate
- Present Completed MassWorks Grant Application to the Board of Selectmen for Endorsement
- Submit MassWorks Grant Application to EHOED