



**OFFICE OF COMMUNITY DEVELOPMENT
TOWN OF BELMONT**

19 Moore Street
Homer Municipal Building
Belmont, Massachusetts 02478-0900

TRANSPORTATION ADVISORY COMMITTEE

Thursday, January 28, 2021

7:00 PM

Location – Remote Meeting

In keeping with Governor Baker’s Executive Order of March 12, 2020;

“Order Suspending Certain Provisions of the Open Meeting Law” -

All Participation by Committee and Town Residents will be by Remote Access

**If the audio becomes unavailable, the meeting will be paused until it can be restored,
or the meeting will end**

FOR PARTICIPANTS: The Transportation Advisory Committee will start at 7:00 PM and you may join the meeting remotely starting at 6:55 PM.

By computer or smartphone go to: <https://us02web.zoom.us/j/88136816787>

- Follow on screen instructions
 - Enter your Full Name under participant (only those with a name entered will be allowed to comment if desired)

By telephone: **+1 929 205 6099**

When prompted, enter Meeting ID: **881 3681 6787**

- Follow any additional prompts

To Provide Resident Comments:

If you wish to provide comments when prompted by the Chair (related to the specific agenda) here is what you do:

- By Computer or Smartphone – once logged in you will be able to message the Room Host
- By telephone press *9
- When the host is ready for you, you will be called on by your phone number or name (when prompted always start by presenting your full name)
- Comments will be limited by the Chair, shall be concise, and shall not repeat previous comments or questions presented by others before you
- Chair is not obligated to recognize all comments and may end comment period prior to your comment being heard

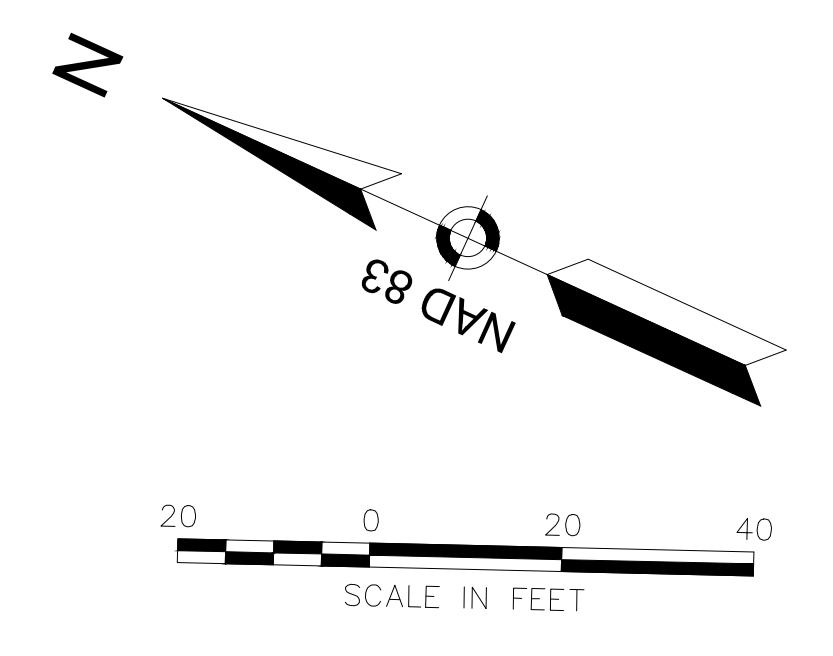
TRANSPORTATION ADVISORY COMMITTEE
AGENDA

Thursday, January 28, 2021


7:00 PM

Location – Remote Meeting

- 7:00** Call to Order
- 7:00 – 7:10** Approval of Minutes
- 7:10 – 8:30** Discussion of Intersection Improvements
- Winter Street at Concord Avenue and
 - Mill Street at Concord Avenue
- 8:30 – 8:35** Old Business
- No Known Items
- 8:35 – 8:40** New Business
- No Known Items
- 8:40** Adjourn



Intersection Improvement Project
Conceptual Roundabout Layout - Preferred Alternative
Concord Ave at Mill St/Winter St
Belmont, Massachusetts

		Verrill Hanigan Brantley, Inc. 100 State St., 20th Fl. Boston, MA 02109 617.552.3300		
DESIGNED BY	ELT	DATE	29 DEC 2020	
DRAWN BY	RAC	SCALE	1" = 20'	
CHECKED BY	TBM	SHEET OF	1 OF 1	
			JOB NO.	13077.00

Winter Street/Concord Avenue/Mill Street— Conceptual Intersection Improvements



Presented by
 Tim McIntosh
 Laura Castelli
 Erin Thompson

December 14, 2017

Winter Street/Concord Avenue/Mill Street *Status*

- Traffic Advisory Committee meeting on October 12, 2017
 - Kicked off the discussion of potential intersection improvements
 - Residents had an opportunity to share their comments / concerns
 - Town and VHB listened

- Conceptual Design Development
 - Completed traffic data collection
 - Developed several conceptual design alternatives

- Traffic Advisory Committee meeting on December 14, 2017
 - Conceptual designs presented tonight

General Summary of Resident Concerns

- High Speed on Concord Avenue WB approaching Mill Street
- Severe intersection angle at Concord Avenue and Mill Street
- Sight line at Concord Avenue and Mill Street

- High Speed on Concord Avenue WB approaching Winter Street
- Difficult to make a left turn from Winter Street to Concord Avenue EB
- Cut-through traffic a concern at Partridge Lane

- Traffic queuing in general
- High speeds in general
- Lack of sidewalks

- Safety



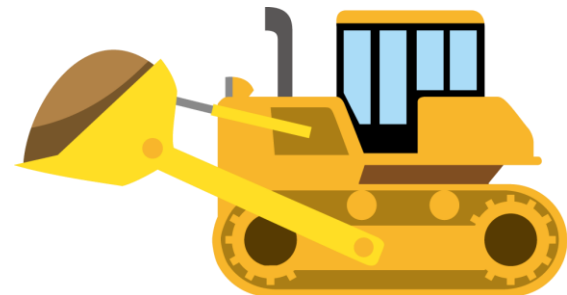
Goals for Conceptual Design

- Address Safety Issues
- Reduce High Vehicle Speeds
- Alleviate Traffic Back-ups



Challenges

- Available Right-of-Way
- Adjacent Conservation Land
- Achieving consensus on proposed solution
- Construction funding



Conceptual Design Alternatives

- T-Intersection concept
- Roundabout concept
- Combination of T-Intersection and Roundabout concept



Conceptual Design Alternative—T Intersection



Winter Street

Pros

- Speed issue is addressed for Concord Avenue EB to Winter Street
- Traffic queuing improved on Winter Street SB to Concord Avenue

Cons

- Lengthy traffic queue on Concord Avenue EB in AM
- Speed issue not addressed from Concord Avenue WB to Winter Street
- Potential driveway impact to #981 Concord Avenue

Conceptual Design Alternative—T Intersection



Mill Street

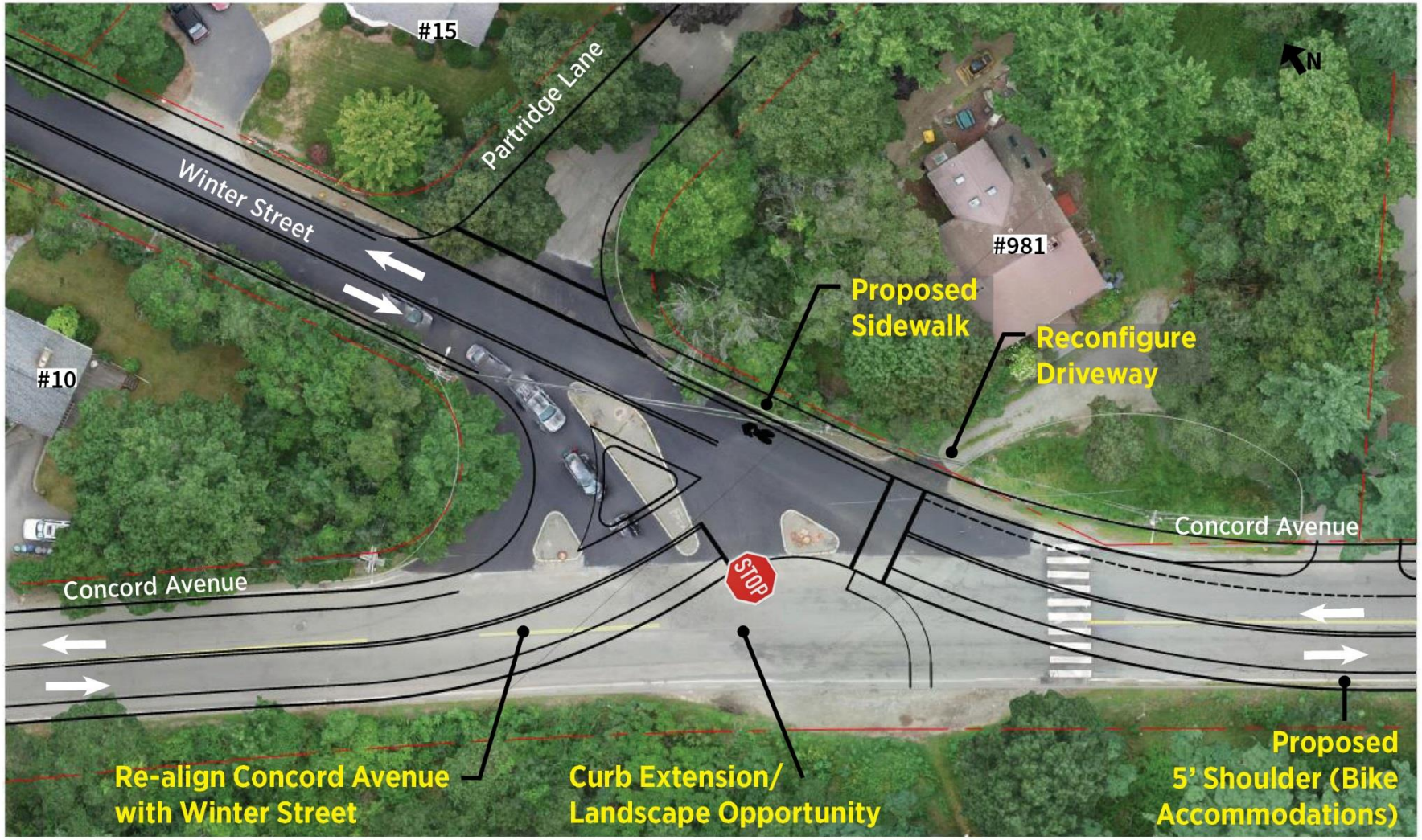
Pros

- Clear sense of who has the right-of-way
- Eliminates lengthy traffic queue on Mill Street
- No impacts to Gas Station access
- Addresses speed concern for Concord Avenue WB approach to Mill Street

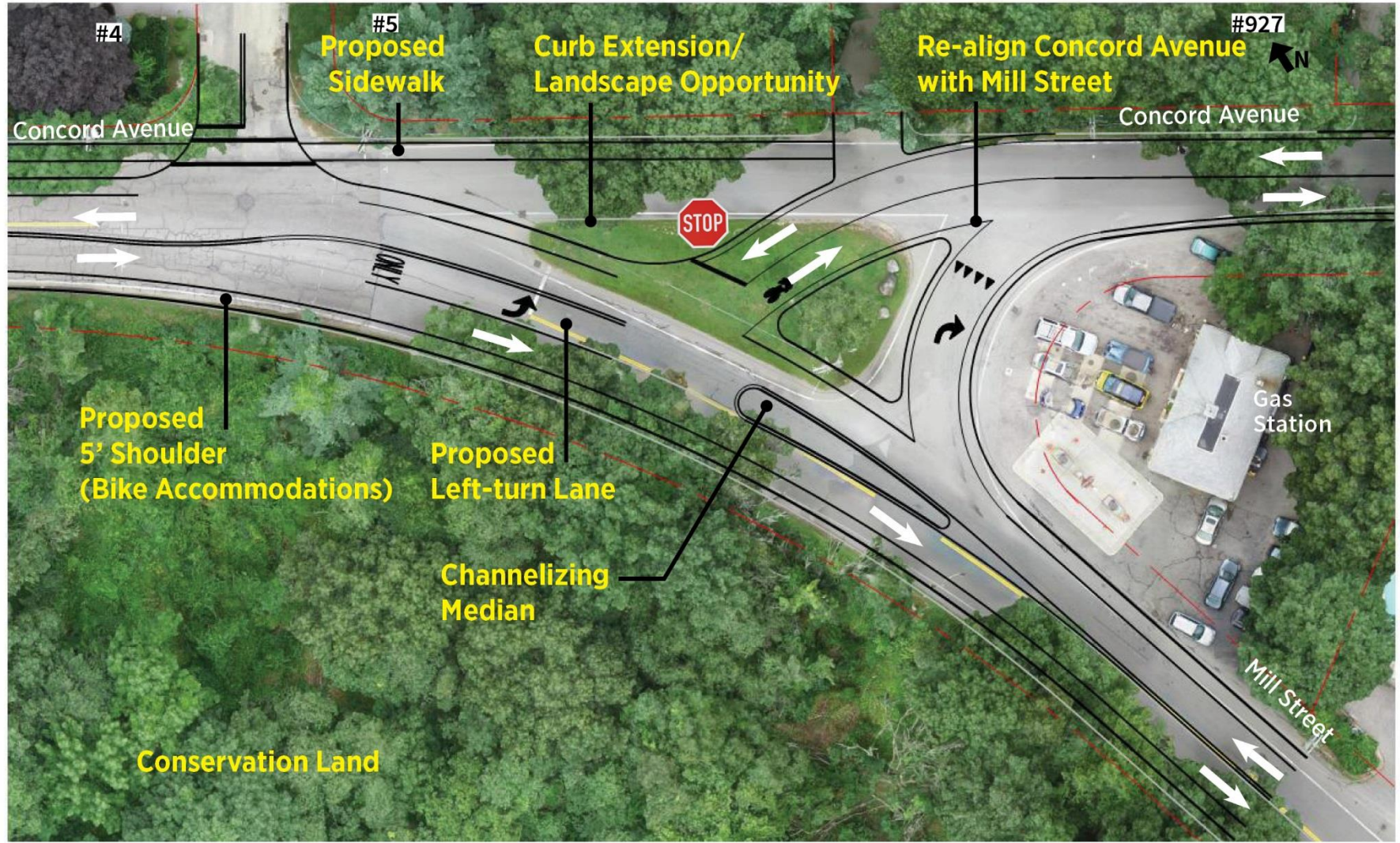
Cons

- Reconfiguration of existing grass island area needed
- Potential for increased speed on Mill Street

Conceptual Design Alternative—T Intersection



Conceptual Design Alternative—T Intersection



Conceptual Design Alternative—Roundabout



Winter Street

Pros

- Addresses speed issue on all approaches
- Operates well in AM & PM

Cons

- Potential for minor right-of-way impacts to #10 Winter Street and #981 Concord Avenue

Conceptual Design Alternative—Roundabout



Mill Street

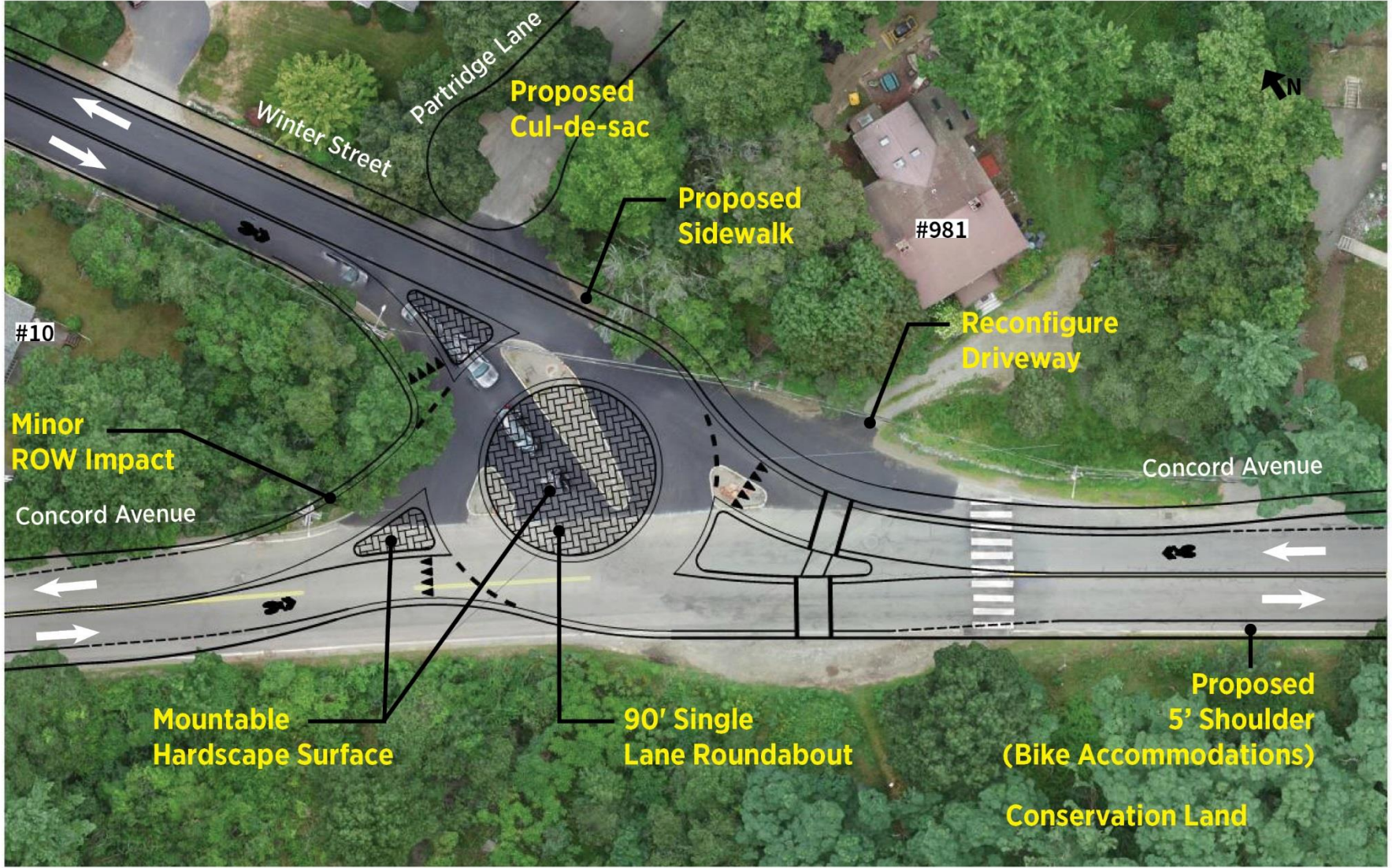
Pros

- Addresses speed issue on all approaches
- Operates well in PM
- Clear sense of who has the right-of-way

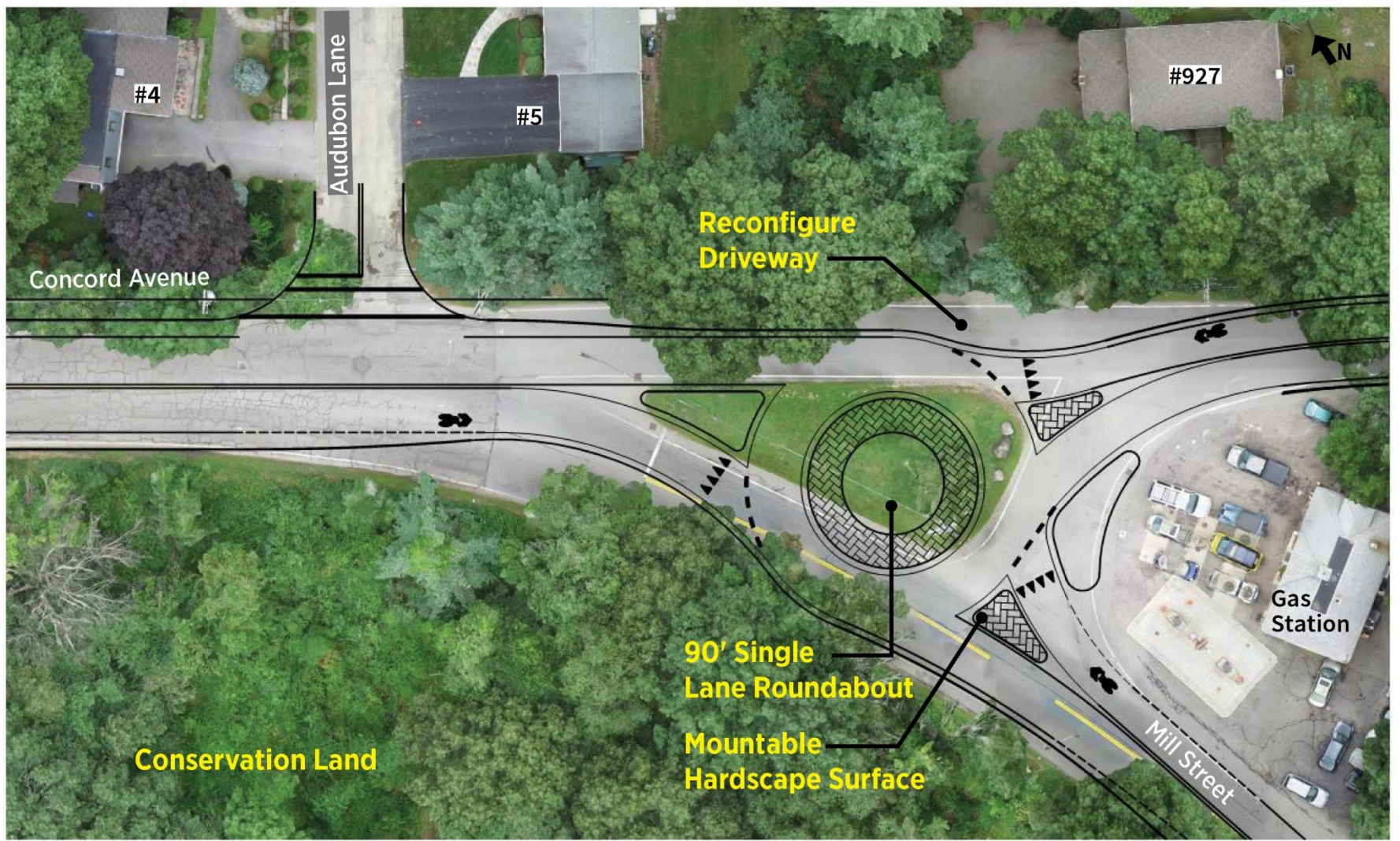
Cons

- Impacts driveway access to #927 Concord Avenue
- Lengthy traffic queue on Concord Avenue EB approach to Mill Street in AM

Conceptual Design Alternative—Roundabout



Conceptual Design Alternative—Roundabout



Conceptual Design Alternative—Preferred



Winter Street

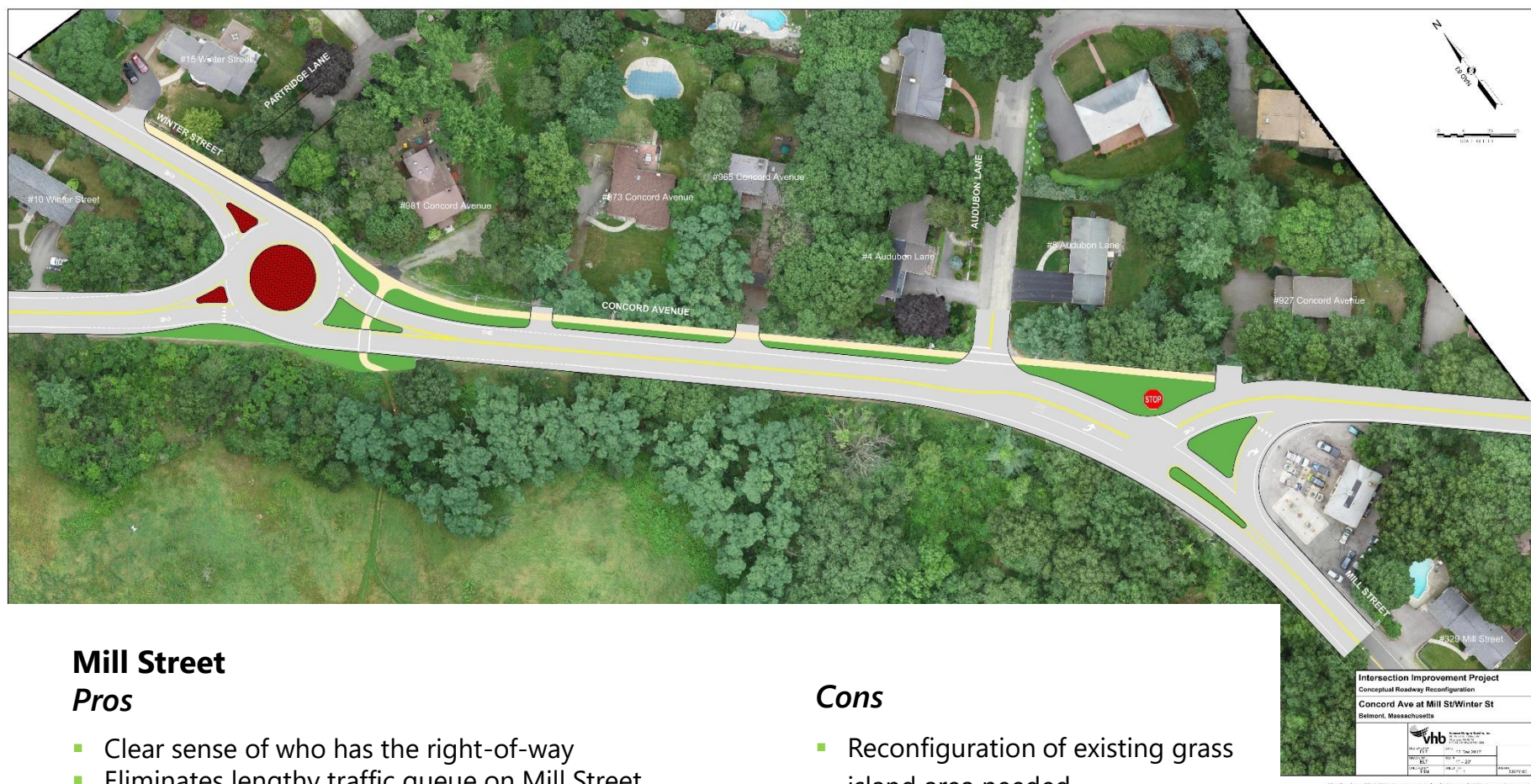
Pros

- Addresses speed issue on all approaches
- Operates well in AM & PM

Cons

- Potential for minor right-of-way impacts to #10 Winter Street and #981 Concord Avenue
- Potential for increased speed on Mill Street

Conceptual Design Alternative—Preferred



Mill Street

Pros

- Clear sense of who has the right-of-way
- Eliminates lengthy traffic queue on Mill Street
- No impacts to Gas Station access
- Addresses speed concern for Concord Avenue WB approach to Mill Street

Cons

- Reconfiguration of existing grass island area needed

Questions

