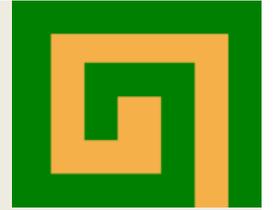


GREEN INTERNATIONAL AFFILIATES, INC.
CIVIL AND STRUCTURAL ENGINEERS



Public Input Meeting

Safety Improvements

at Minuteman Bikeway at Lake Street



October 17, 2017



Project Goals

Existing Concerns

- **Safety Problem**
- **High volumes of all modes of transportation**

Project Goals

- **Safe, predictable, and efficient crossing for all users**



Project Background

- **Lake Street Corridor Transportation Analysis Report**
 - Prepared by Arlington Transportation Advisory Committee (TAC), December 2014
- **Presented to Board of Selectmen February 5, 2015**
- **Outcome: Recommended traffic signal as solution**
- **Traffic Signal Coordination Trial, June 2015**
 - Police officer control for two weeks, during 4-7 PM
 - Findings consistent with model result
- **Presented to Board of Selectmen February 22, 2016**
- **Outcome: Design Review Committee formed**

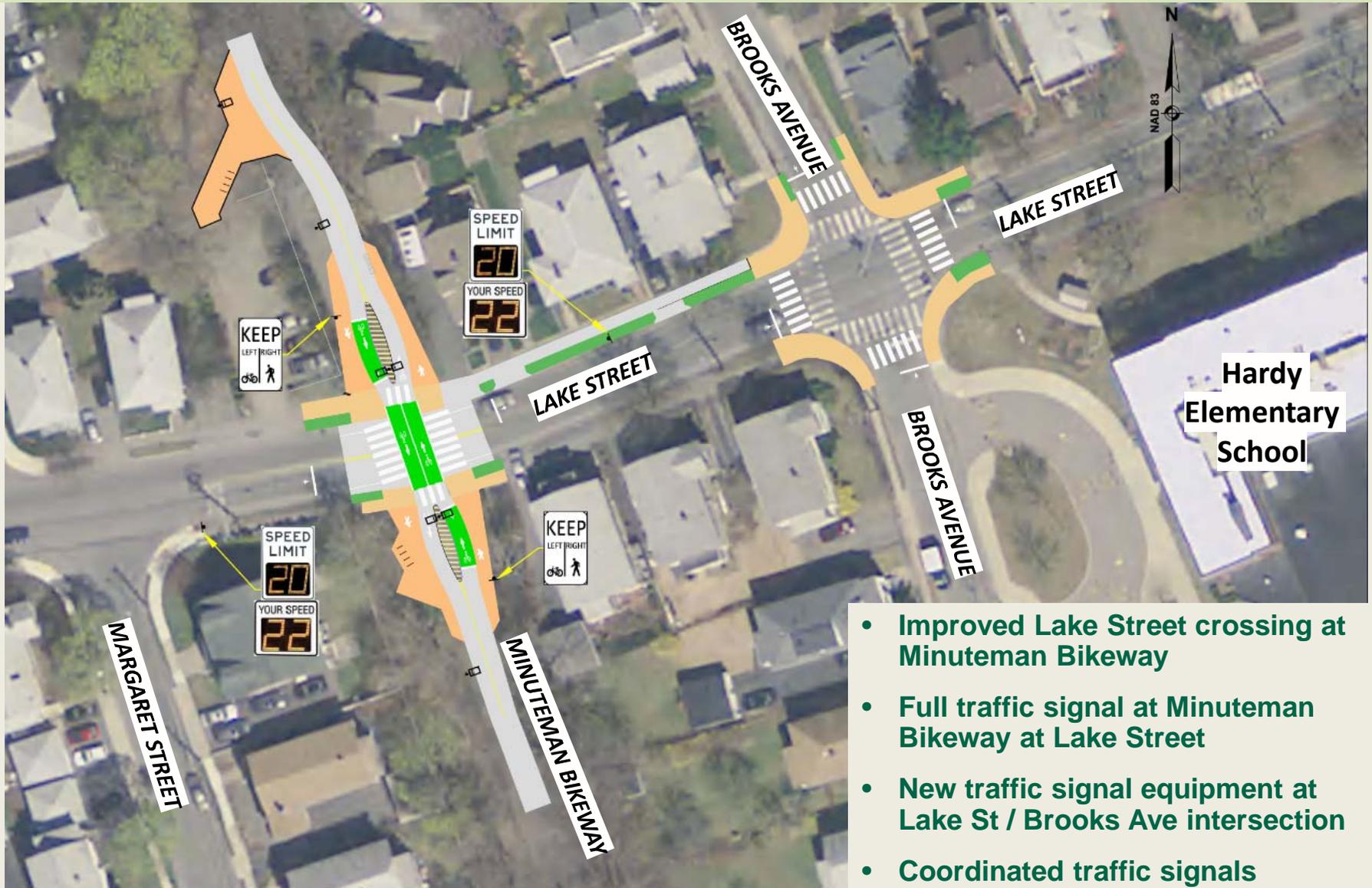


Project Background (cont'd)

- **Public Input Meeting July 26, 2017**
 - Preliminary Concept Presented
 - Public Feedback received
- **Design Review Committee meetings in August & September to discuss public comments and move forward with design**
- **Outcome: 75% Design completed in September, incorporating public feedback where practical**



Proposed Design

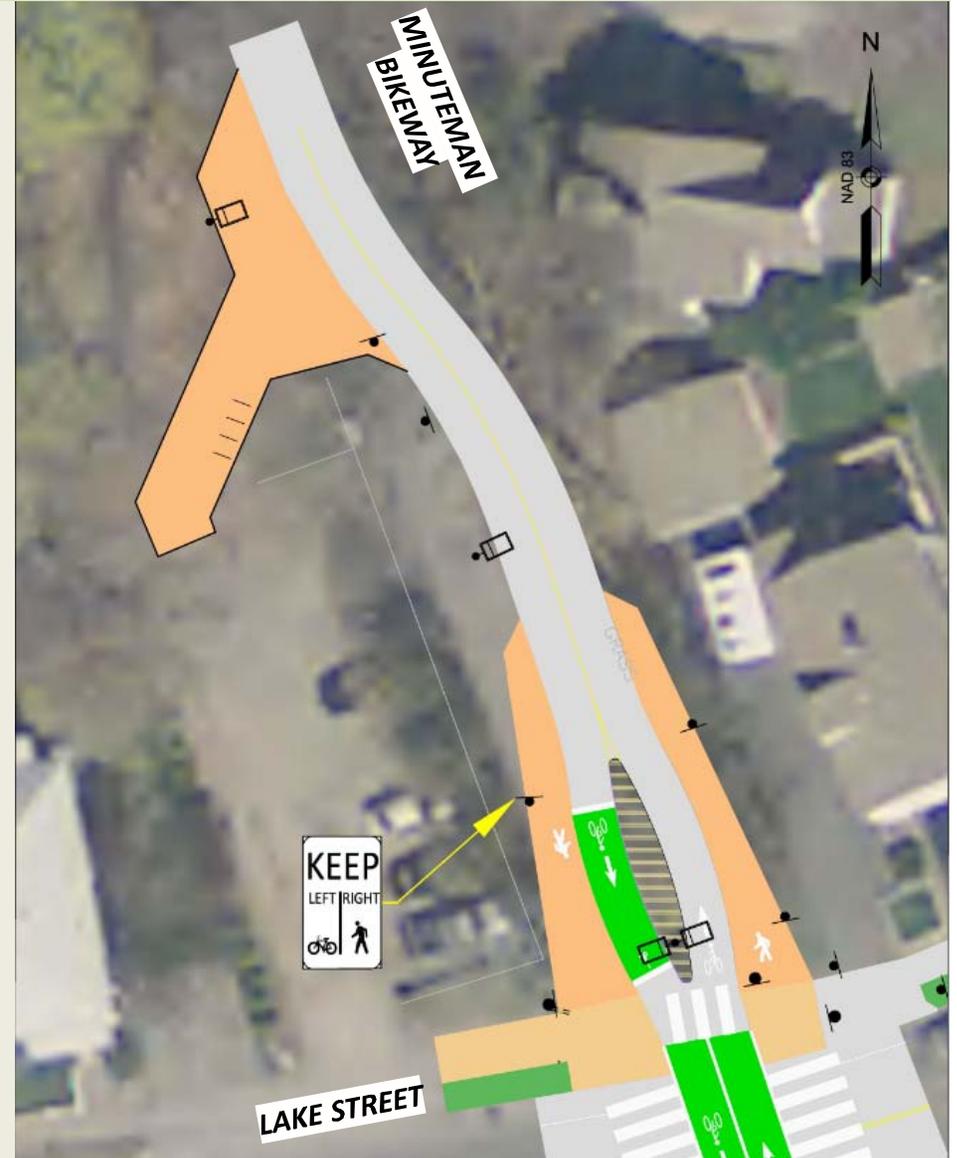


- Improved Lake Street crossing at Minuteman Bikeway
- Full traffic signal at Minuteman Bikeway at Lake Street
- New traffic signal equipment at Lake St / Brooks Ave intersection
- Coordinated traffic signals



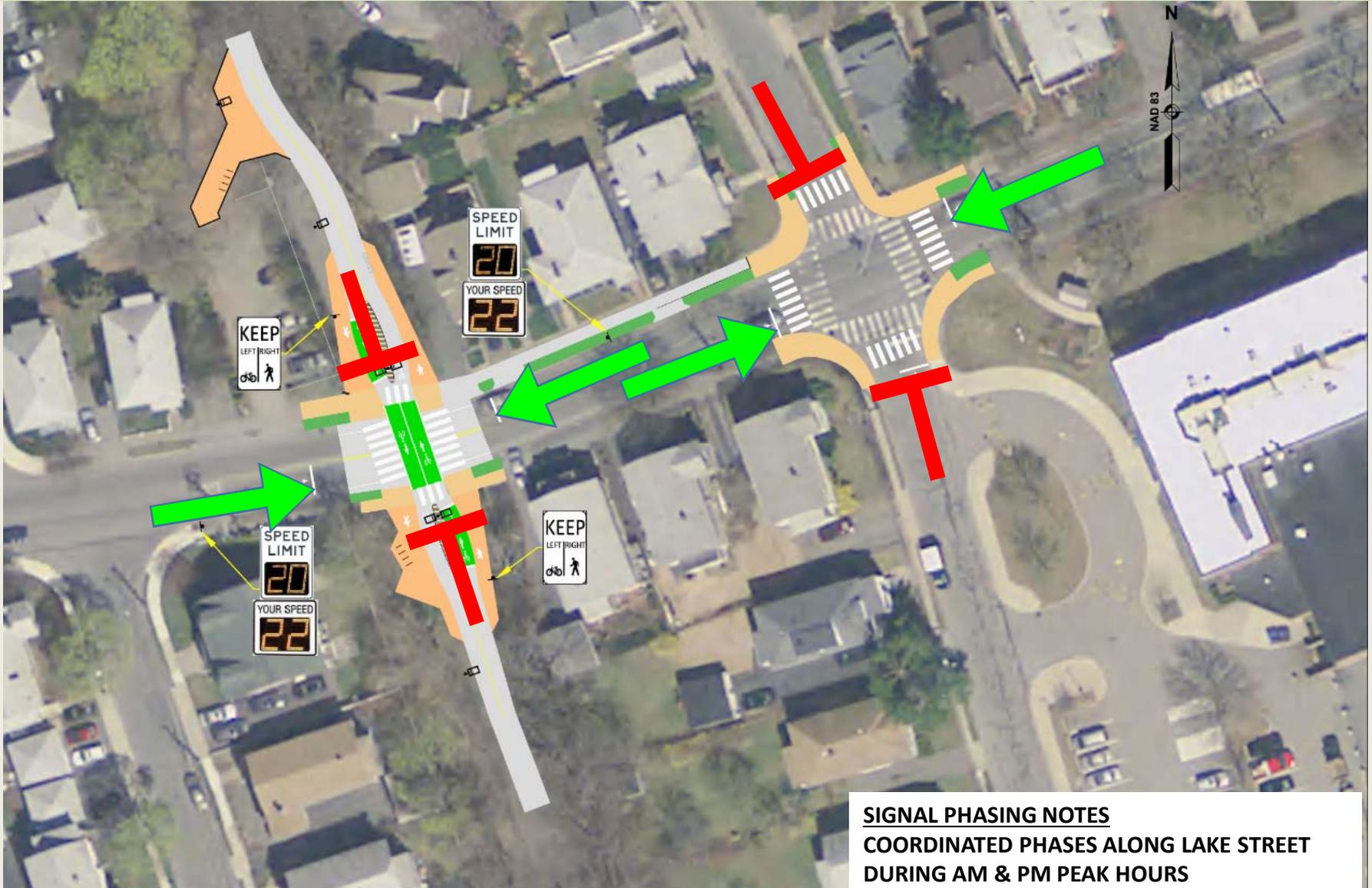
Proposed Design

- Traffic signal to control vehicles, bicycles, and pedestrians
- Improved safety through separation of travel modes, and predictability



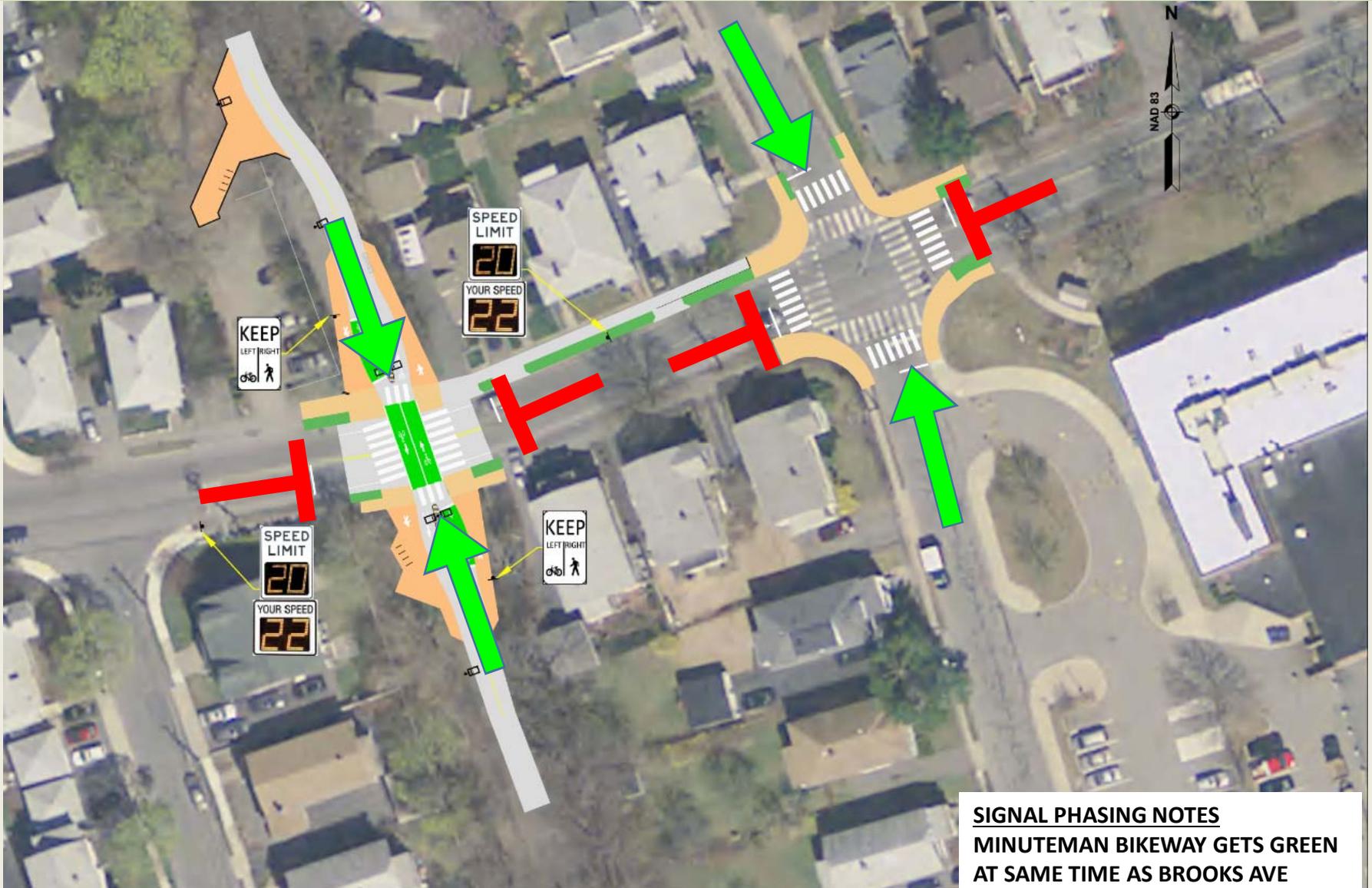


PROPOSED SIGNAL PHASING





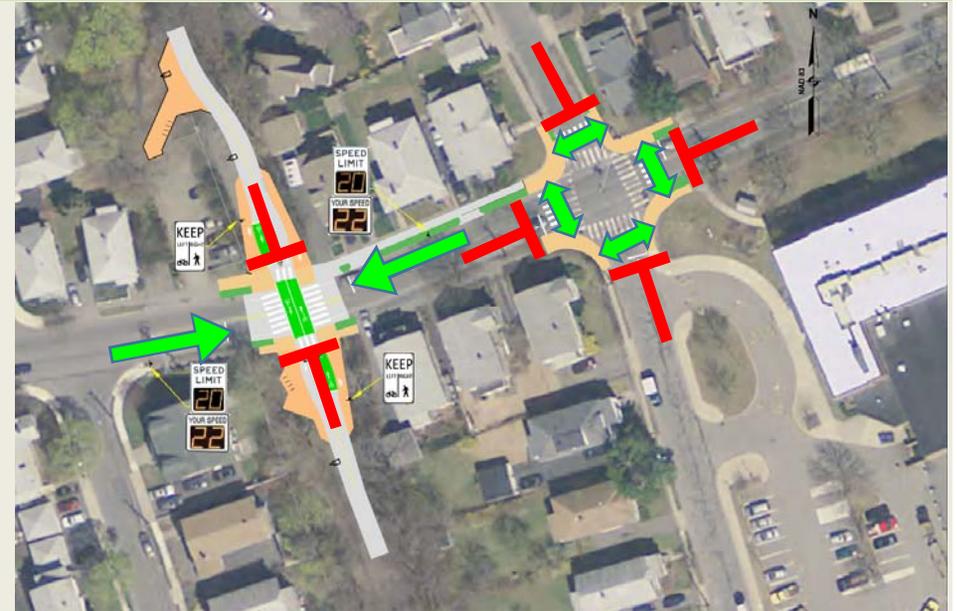
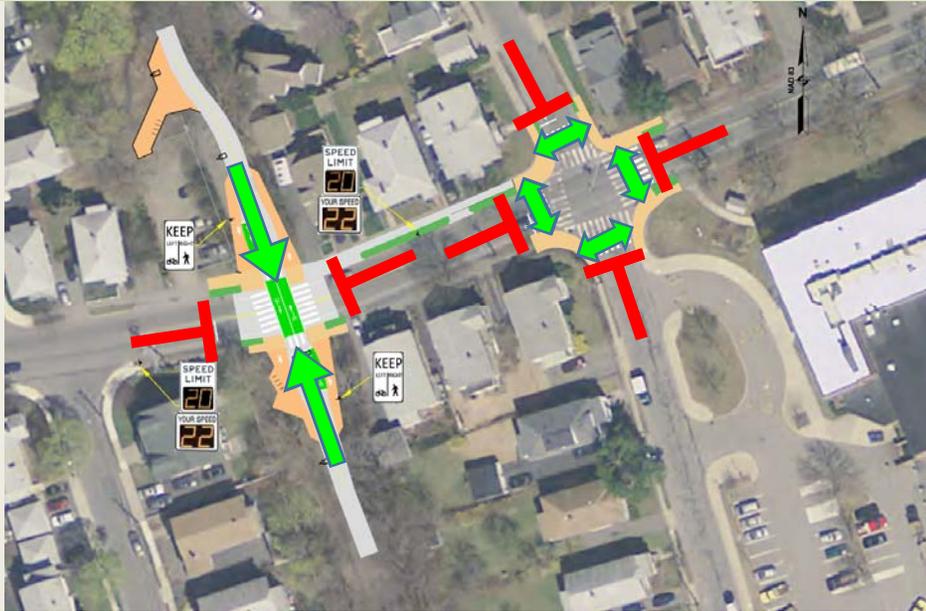
PROPOSED SIGNAL PHASING



SIGNAL PHASING NOTES
MINUTEMAN BIKEWAY GETS GREEN
AT SAME TIME AS BROOKS AVE



PROPOSED SIGNAL PHASING



- Minuteman Bikeway has Green at start of pedestrian phase at Brooks Ave
- Minuteman Bikeway phase ends, and Lake Street begins during pedestrian phase at Brooks Ave



Discussion & Questions

