



TOWN OF ARLINGTON
Department of Public Works
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Oakland Ave. – Wachusett Ave. – Prospect Ave. Geometry Improvements Summary

Introduction:

The intersection of Oakland Ave, Wachusett Ave. and Prospect Ave. Ext. is a non-standard 5-way configuration laid out and approved by the Board of Survey in 1910 and 1911. The current configuration creates an extended pedestrian crossing distance across Oakland Ave. and Prospect Ave. in excess of 90 feet. Additionally, there are MBTA bus stops on each side of Wachusett Avenue for bus routes 78 & 84.

During the process of reviewing the MBTA PATI project for bus stops, the MBTA indicated that the Town needed to install a crosswalk across Wachusett Ave. as determined during Town/MBTA discussions.

This proposed concept includes that cross walk as well as applying geometry changes to realign the approach of Prospect Avenue to reduce the pedestrian crossing distance as well as align with plans for road work upgrades to Oakland Ave.

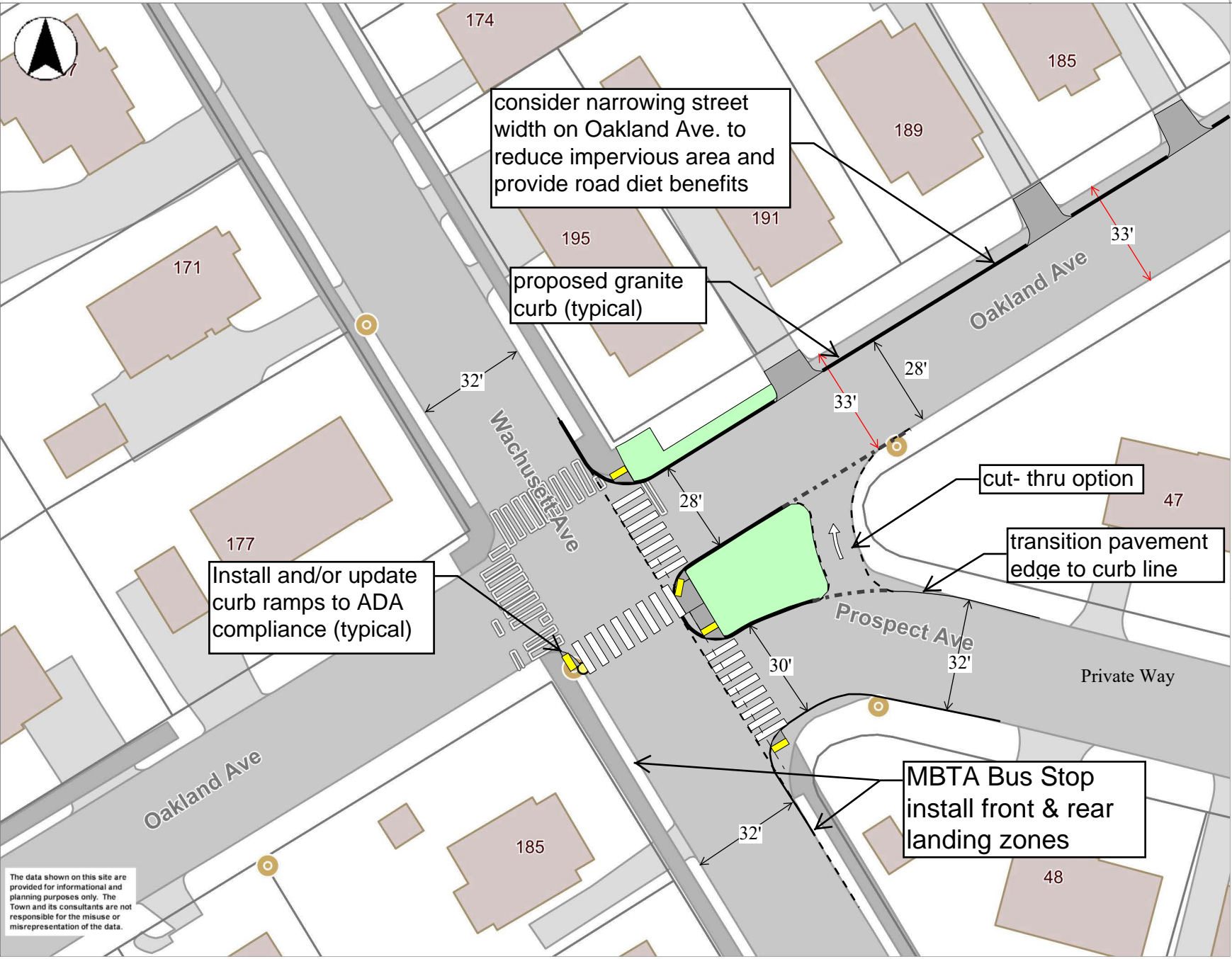
In addition to the alignment modification, the project upgrade would provide ADA compliant curb ramps where there are currently no curb cuts.

There are 3 options available for discussion.

First Option provides a geometry change between the Oakland Ave. and Prospect Ave. approaches creating a 90° approach for Prospect St.

Second option adds curb extensions at the four (4) corners of the Wachusett/Oakland intersection to provide a shortened crosswalk distance for Oakland and Wachusett.

Third option provides curb extensions at two corners and provides a smooth transition for buses traveling north bound on Wachusett into the bus stop.



- Poles (All Pole Uses)
 - Lamp Pole
 - Utility Pole
 - Utility Pole with Street Light
 - Pedestrian Signal Pole
 - Traffic Signal Pole
 - Traffic Signal Pole w/ Engineering - Drainage Plan
- Places by Category
 - Police Station
 - Fire Station
 - School
 - Library
 - Public Works
- Parcels
- Buildings
- Pavement Markings
- MA Highways
 - Interstate
 - US Highway
 - Numbered Routes
- Town Boundary
- Abutting Towns
- Cemetery - Roads
 - Road1
 - Road2
 - Road3
 - Road4
- Impervious Surface - For B
 - Street
 - Street Island
 - Driveway
 - Parking Lot
 - Bike Path
- Roads - For Large Scale (K
 - Major Road
 - Local Road
- Water Line
- Water Body

consider narrowing street width on Oakland Ave. to reduce impervious area and provide road diet benefits

proposed granite curb (typical)

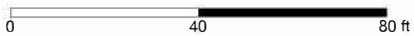
Install and/or update curb ramps to ADA compliance (typical)

cut- thru option

transition pavement edge to curb line

MBTA Bus Stop install front & rear landing zones

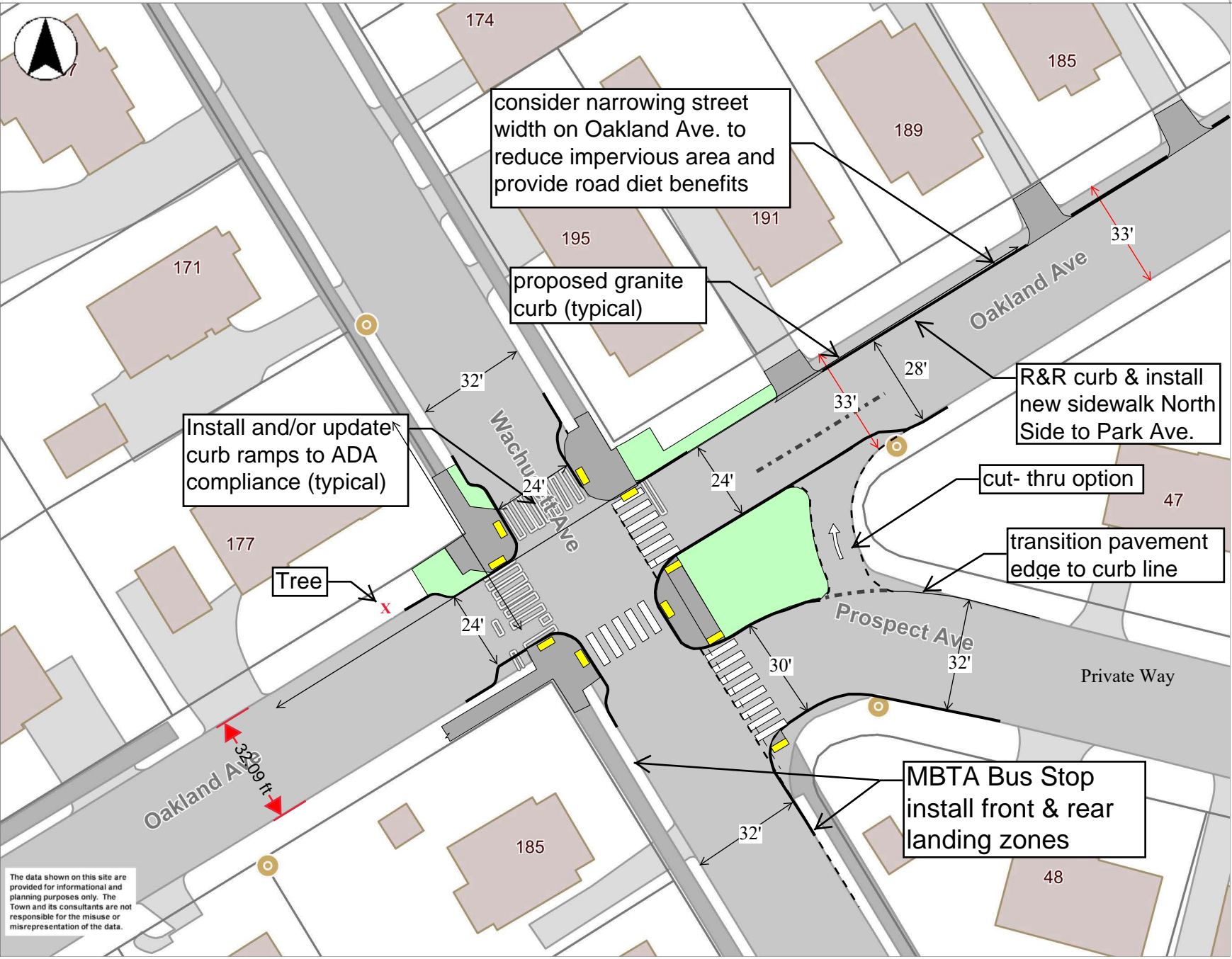
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Oakland Ave.; Oakland-Wachusett-Prospect

Option **A**



consider narrowing street width on Oakland Ave. to reduce impervious area and provide road diet benefits

proposed granite curb (typical)

Install and/or update curb ramps to ADA compliance (typical)

Tree

R&R curb & install new sidewalk North Side to Park Ave.

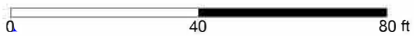
cut- thru option

transition pavement edge to curb line

MBTA Bus Stop install front & rear landing zones

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 - Street Island
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 - Major Road (H
 - Local Road
- Master Plan Base Map - M
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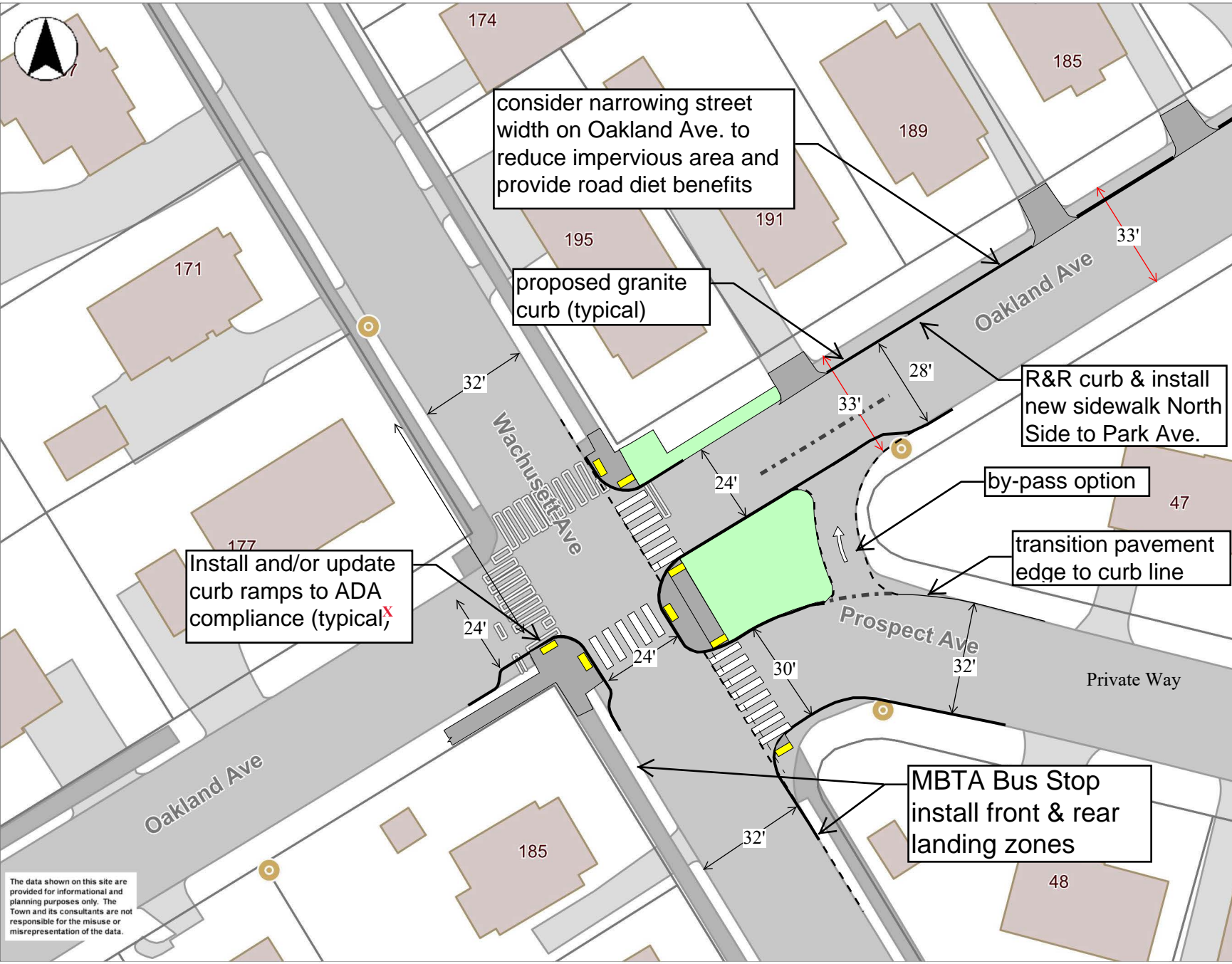
Oakland Ave.; Oakland-Wachusett-Prospect

Option

B



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