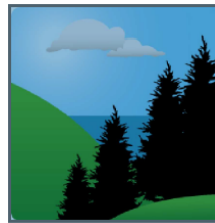


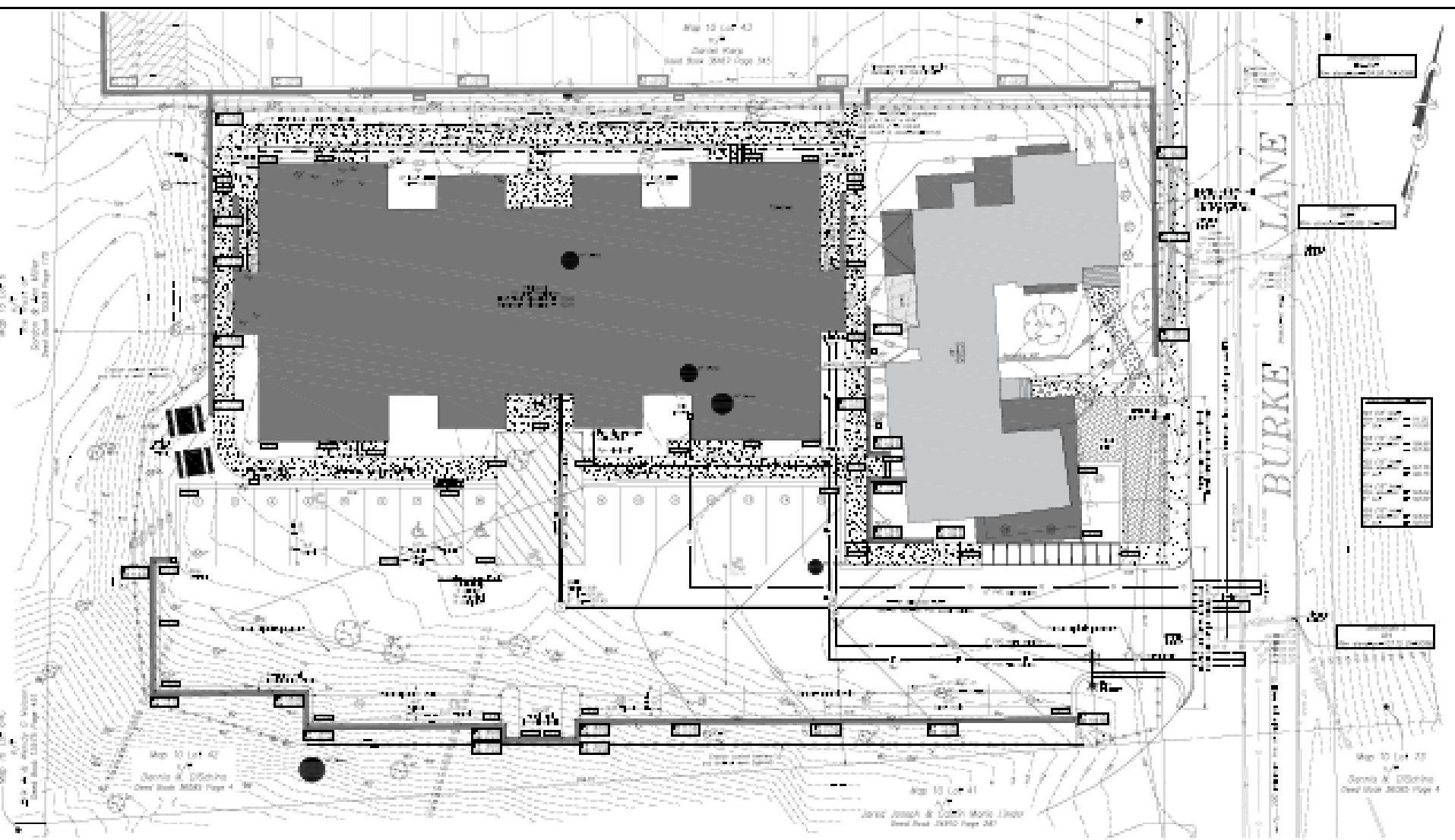
Proposed Residential Community 2 & 3 Burke Lane Wellesley, Massachusetts

Site Plan, On Site Circulation June 19, 2019

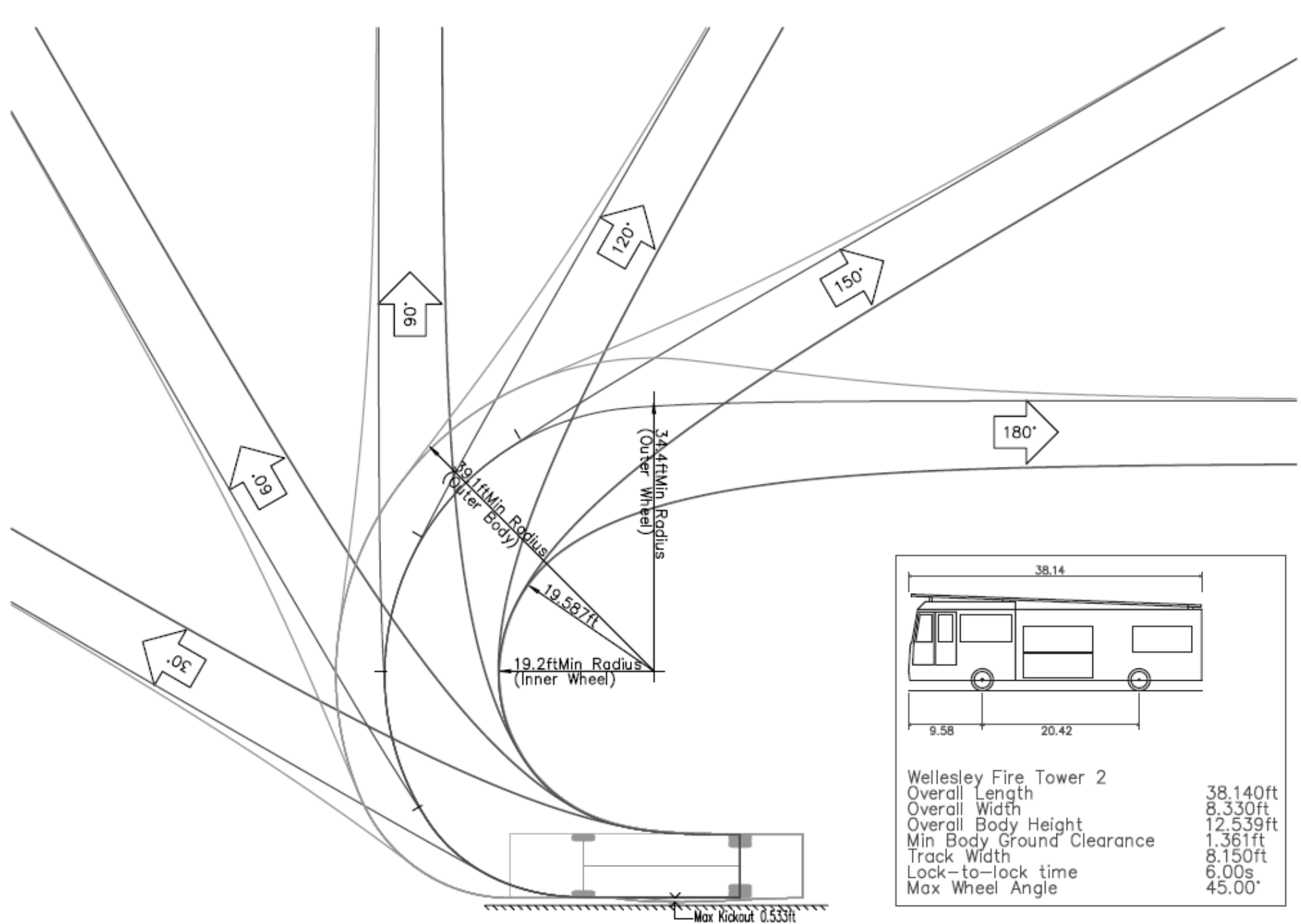


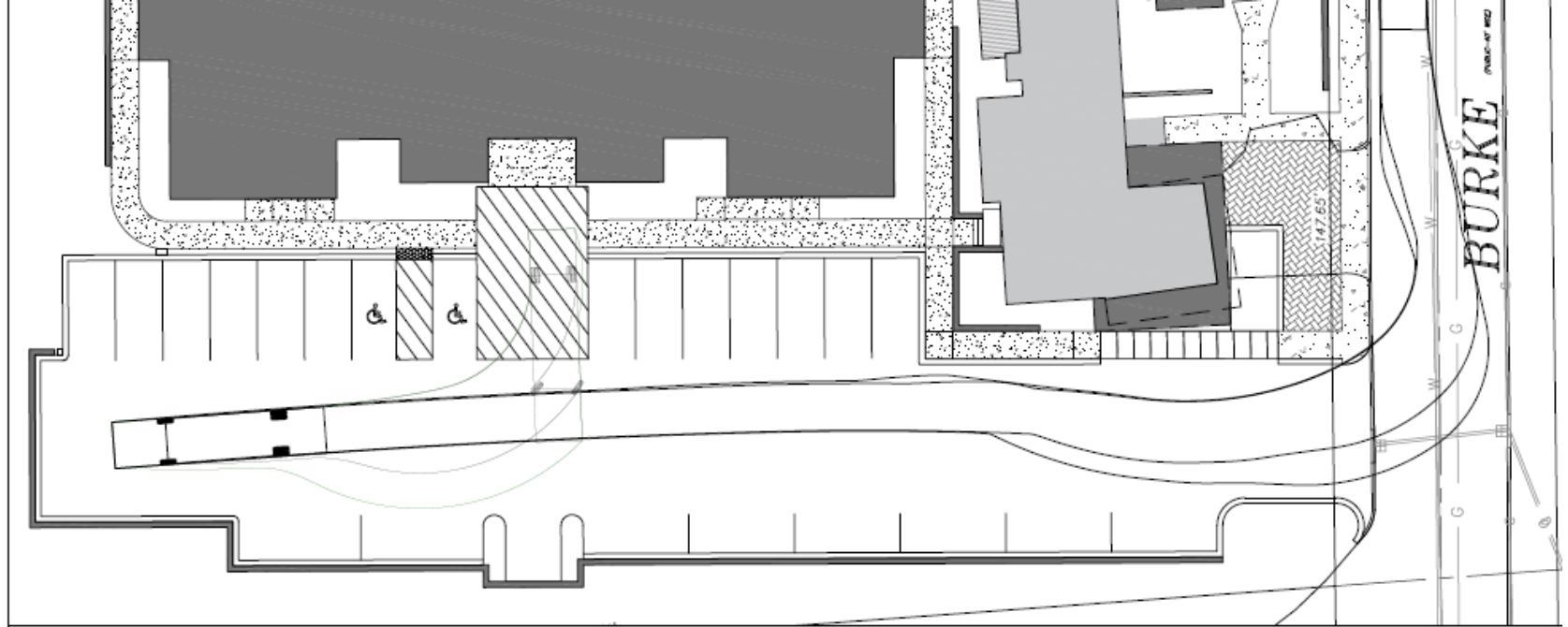
Guerriere &
Halnon, Inc.

ENGINEERING & LAND SURVEYING

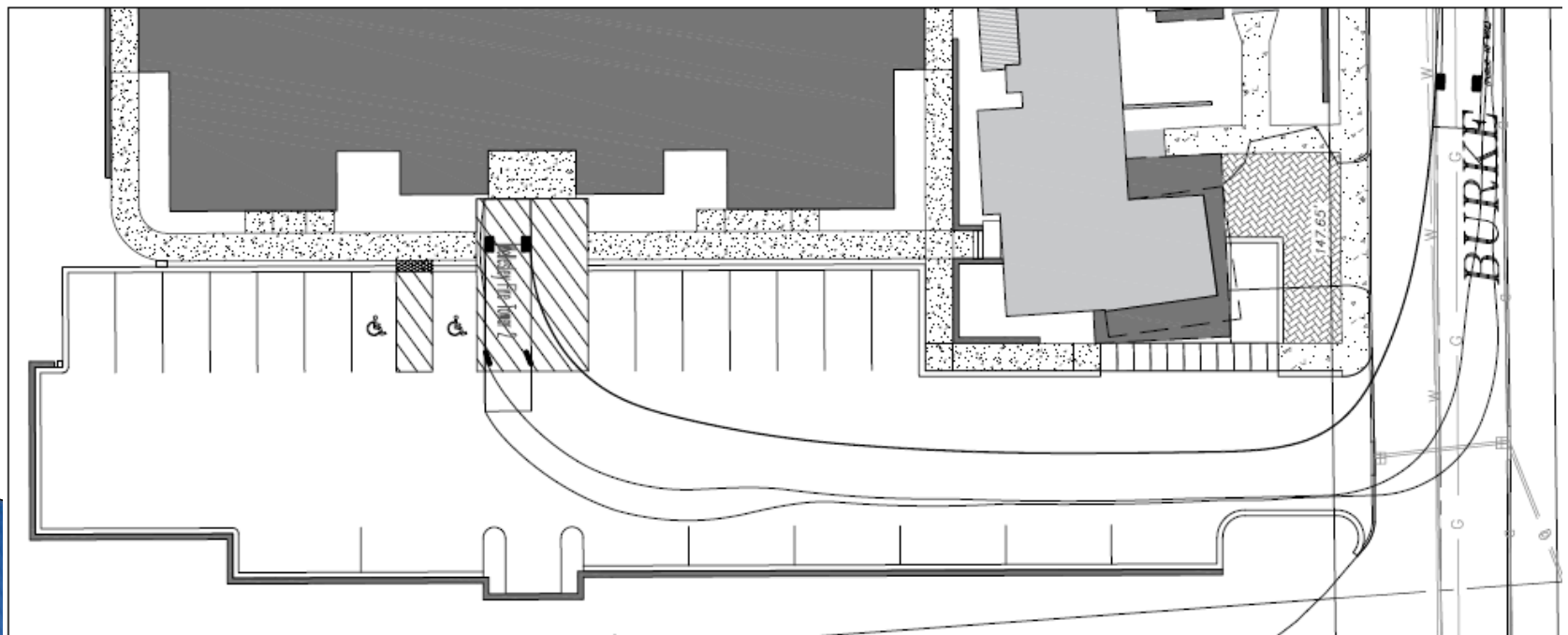








Turning Movement Analysis for Wellesley Fire Department "Tower 2" Vehicle— Entering Site via Burke Lane



Turning Movement Analysis for Wellesley Fire Department "Tower 2" Vehicle — Leaving Site via Burke Lane

Proposed Residential Community 2 & 3 Burke Lane Wellesley, Massachusetts

Transportation Impact Assessment Summary

Prepared by:



June 19, 2019

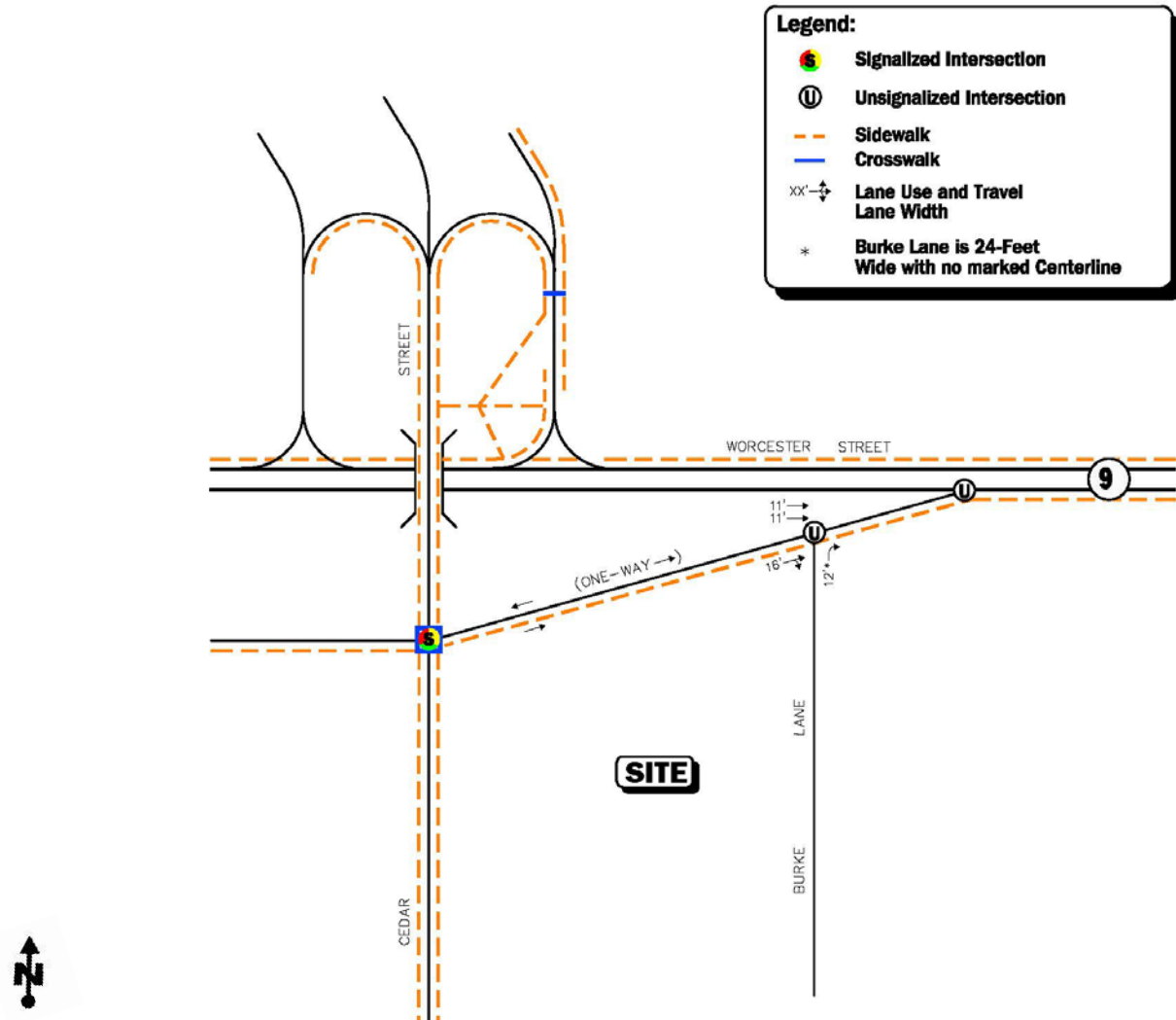
Transportation Impact Assessment Summary

- ▶ Prepared in consultation with the Town of Wellesley and MassDOT, and performed in accordance with MassDOT's *Transportation Impact Assessment (TIA) Guidelines* and the Traffic Review standards for a Project of Significant Impact (PSI);
- ▶ Includes a detailed assessment of traffic volumes, pedestrian and bicycle accommodations and public transportation services;
- ▶ The Project was shown to result in a minimal increase in traffic over existing conditions (less than 10 additional vehicle trips during the peak commuter hours, or fewer than one (1) additional vehicle every six (6) minutes) and did not result in a material increase in motorist delays or vehicle queuing along the Burke Lane or at the Burke Lane/Route 9 eastbound on-ramp intersection;
- ▶ Specific recommendations have been provided to improve pedestrian and bicycle access to the Project site and encourage the use of alternative modes of transportation by residents of the Project; and
- ▶ With identified improvements, lines of sight to and from the Project site driveway will exceed accepted standards for safety.

Site Location Map



Existing Intersection Lane Use, Travel Lane Width and Pedestrian Facilities



Trip Generation Summary

	Vehicle Trips
Time Period/Direction	Proposed Residential Community (16 Units) ^a
Average Weekday Daily:	
Entering	43
<u>Exiting</u>	<u>43</u>
Total	86
Weekday Morning Peak Hour:	
Entering	2
<u>Exiting</u>	<u>4</u>
Total	6
Weekday Evening Peak Hour:	
Entering	5
<u>Exiting</u>	<u>3</u>
Total	8

^aBased on ITE LUC 221, *Multifamily Housing (Mid-Rise)*.

Trip Distribution

Legend:

XX Entering Trips
(XX) Exiting Trips

