

# Transportation Impact Study Summary

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- Prepared in consultation with guidelines for Transportation Impact Assessments and in coordination with area planning agencies, MassDOT, and the Town of Norwell.
- The project utilized 2020 and 2021 traffic volume data which was adjusted upward by 9 and 6 percent, respectively in accordance with MassDOT Guidelines due to the effects of COVID-19.
- Based on discussion with the Town, one project by others were identified in the immediate area of the project site to be incorporated into the traffic study.
- Within the study area, the MBTA commuter rail service at East Weymouth Station is located within approximately 12 minutes driving time.
- The project-related traffic volume increases are projected to vary between 3 to 21 vehicles during peak hours, with traffic percent increases ranging 0.3 to 0.8 percent.
- Adequate lines of sight can be provided at the site driveway according to the recommended minimum distances for a safe operation based on the appropriate approach speed.





# Site Location and Study Area Map





# Trip Generation

| Time Period/Direction   | Proposed Residential Trips (56 Units) <sup>a</sup> |
|---|--|
| Weekday Daily   | 382  |
| Weekday Morning Peak Hour:<br>Entering<br><u>Exiting</u><br>Total | 6<br><u>21</u><br>27                               |
| Weekday Evening Peak Hour:<br>Entering<br><u>Exiting</u><br>Total | 22<br><u>13</u><br>35                              |

<sup>a</sup>Based on ITE LUC 220, *Multifamily Housing (Low-Rise)*.

**Note:** Due to the distance of the site from public transit services and to provide a conservative analysis, a non-auto trip reduction was not employed.



# Recommendations

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## Project Access:

- Crosswalks across the Project driveways should be positioned to be consistent with the existing sidewalk on High Street
- Americans with Disabilities Act (ADA)-compliant wheelchair ramps at all pedestrian crossings

## Off-Site:

- Speed Radar Signs along High Street
- Removal of the existing mid-block crosswalk across High Street in the vicinity of the Project northern driveway

## Transportation Demand Management (TDM):

- A “welcome packet” detailing available public transportation services, bicycle, and walking alternatives, and commuter options available.
- Pedestrian and bicycle facilities, and Public transit schedules; with up-to-the-minute information on Transitscreens™
- Identifying car/vanpool resources that may be available to residents

## Peer Review

- Work with Town’s Peer Review Consultant to address concerns

