



To: Land Use Planning Committee

From: Michael Mauro, Transportation Program Manager

Date: Monday, November 18, 2019

Re: **DRI #314-M Martha's Vineyard Shipyard Expansion Transportation Scope**

Staff recommends the following as the scope of the Martha's Vineyard Shipyard Expansion (DRI #314-M) traffic impact study. Given the scope and uses that will take place on the property, it is recommended that MVC staff can carry out the study in-house.

1. Introduction and Site Description

- A brief description of the proposed development.
- A general description of the location, zoning, access to the site and maps.

2. Traffic

- A summary of traffic counts on the neighboring street network would be compiled. Streets to include:

- Beach Road

The traffic counts would give a contextual analysis, including an aerial photo indicating the expected traffic from the project site. (MVC traffic count database can be used for this purpose)

- A trip generation summary from the proposed land use, to include the total daily traffic generated by the site and traffic generated during the peak hours. Trip generation would compare existing with proposed, and include all potential uses. ITE (Institute of Transportation Engineers) Land Use Code 420: Marina will be used to carry out the analysis.
- Analysis of accidents on Beach Road for the most recent 3 years available (2015-2017).
- Analysis of adequacy of sightlines at the intersection of Beach Road and Martha's Vineyard Shipyard.
- Assessment of the potential impacts on Beach Road (particularly vehicles entering the property with boats).

3. Parking

- Analysis of existing and future parking supply and demand.
- Analysis of existing and proposed parking lot circulation.

4. Bicycle and Pedestrian

- Existing and proposed networks and amenities.

5. Public Transit

- Existing situation and proposed changes, if any.

6. Summary of Probable Impacts and Proposed Mitigation