

Trip Generation Statement
08/07/25

668 & 670 Metacom Avenue
AP 128 Lot 15 & 16
Bristol, RI 02809



Prepared For:
David J. Ramos
12 Ruth Avenue
Bristol, RI 02809

Prepared By:
Principe Engineering, Inc.
27 Sakonnet Ridge Drive
Tiverton, RI, 02878

The above-referenced site currently has a gravel parking area. The proposed project will include the construction of 70 FT x 50 FT warehouse. The warehouse will have access/egress from Metacom Avenue in Bristol, RI. This trip generation statement has been prepared to contemplate any potential impacts of the proposed development. The proposed project is not projected to adversely affect the level of service for Metacom Avenue relative to the build year 2025/2026.

The trip generation calculations are based on data compiled in Trip Generation (10th edition, an informational report published by the Institute of Transportation Engineers (ITE). Trip Generation is a tool for planners, transportation professionals, zoning boards, and others who are interested in estimating the number of vehicle trips generated by a proposed development or land use. This document is based on more than 5,500 trip generation studies submitted to the Institute by public agencies, developers, consulting firms, and associations.

The anticipated change in number of trips to be generated by the new construction of a 70 FT x 50 Ft warehouse was determined by using ITE Trip Generation Land Use Code 151 (Mini Warehouse). ITE Trip Generation Land Use Code 151 sets forth trips generated at developments similar to the proposed facility. The increased volume anticipated to be generated by the proposed warehouse during the morning (am) and evening (pm) peak hours can be found in Table 1. The proposed project will increase traffic by approximately one (1) vehicle in the AM Peak and one (1) vehicle in the PM Peak.

Table 1: Trip Generation Summary

Code 151 – Mini Warehouse (Proposed 3.5 KSF)

Independent Variable (X) = KSF

AM Peak

Directional Distribution 55% Entering, 45% Exiting

T = 0.14 (X)	Enter:	1
T = 0.14 (3.5)	Exit:	0
T = 1	Total =	1

PM Peak

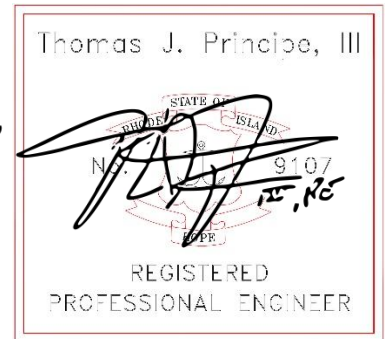
Directional Distribution 50% Entering, 50% Exiting

T = 0.26 (X)	Enter:	0
T = 0.26 (3.5)	Exit:	1
T = 1	Total =	1

Total AM Peak: 1 vehicle

Total PM Peak: 1 vehicle

Principe Engineering, Inc.



Thomas J. Principe III, P.E.