Trip Generation Statement
08/07/25
08/26/25 rev

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

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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 180 (Specialty Trade Contractor). ITE Trip Generation Land Use Code 180 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 six (6) vehicles in the AM Peak and seven (7) vehicles in the PM Peak.

Table 1: Trip Generation Summary

Code 180 – Specialty Trade Contractor (Proposed 3.5 KSF)

Independent Variable (X) = KSF

AM Peak	Directional Distribution 74% Entering, 26% Exiting		
	T = 1.66 (X)	Enter:	4
	T = 1.66 (3.5)	Exit:	2
	T = 6	Total =	6
PM Peak	Directional Distribution 32% Entering, 68% Exiting		
	T = 1.93 (X)	Enter:	2
	T = 1.93 (3.5)	Exit:	5
	T = 7	Total =	7

Total AM Peak: 6 vehicles
Total PM Peak: 7 vehicles

Principe Engineering, Inc.

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