

July 8th, 2024

Robert L. Berry III, P.E.
 President, Senior Chief Engineer, Project Manager
 Main-Land Development Consultants, Inc.
 P.O. Box Q
 Livermore Falls, ME 04254

RE: Dollar General - Route 302, Naples

Dear Bob;

The purpose of this letter is to confirm the trip generation estimates your firm prepared for the proposed 10,640sf Dollar General Retail store. Your calculations were completed with the 8th Edition of the Institute of Transportation Engineers (ITE) *Trip Generation Manual*. We have completed confirming trip generation calculations using the 11th edition of the Institute of Transportation Engineers (ITE) *Trip Generation Manual*.

Trip Generation

Peak hour site trip generation estimates have been prepared for the Dollar General based on the trip generation tables presented in the 11th Edition of the ITE *Trip Generation Manual* for land use code (LUC) #814 – Variety Store. ITE describes LUC #814 as “a variety store is a retail store that sells a broad range of inexpensive items often at a uniform price. A variety store is commonly referred to as a “dollar store.” Items typically sold at a variety store include kitchen supplies, cleaning products, home office supplies, food products, household good, decorations, and toys. The store can be stand-alone or located within a shopping plaza or strip retail plaza.”

The trip generation calculations are provided below in Table 1:

Table 1						
ITE Trip Generation Calculations						
Land Use	Variety Store - LUC 814					
Time Period	Sq. Footage (1KSF)	Avg. Trip Generation Rate (Trips Per 1k Sf)	Trips Generated	Distribution Entering / Exiting	Enter	Exit
Weekday	10.64	63.66	677	50% / 50%	339	338
AM Weekday Peak Hour (Street)	10.64	3.04	32	55% / 45%	18	14
PM Weekday Peak Hour (Street)	10.64	6.70	71	51% / 49%	36	35
AM Weekday Peak Hour (Generator)	10.64	4.51	48	50% / 50%	24	24
PM Weekday Peak Hour (Generator)	10.64	7.42	79	50% / 50%	40	39

The preceding table shows that the proposed Dollar General is expected to generate 32 trips during the AM peak hour of the adjacent (street) and 71 trips during the PM peak hour of the adjacent (street). The





peak hours of the (generator) are expected to be slightly higher, with the site producing 48 trips in the AM peak hour and 79 trips in the PM peak hour. The proposed development is expected to generate 677 daily trips during the typical weekday.

Your trip generation calculations indicated that the daily trips would be 760, and the peak hour trips would be 80. We are in general agreement with your conclusions, even though our trip calculations using the 11th Edition of the Trip Gen Manual indicate generally slightly lower numbers. In addition, we are in agreement that the proposed Dollar General will not produce the minimum of 100 peak hour trips and therefore does not require a Maine DOT Traffic Movement Permit.

Please let us know if you have any questions or require any additional information.

Sincerely,

A circular professional engineer seal for the State of Maine. The seal contains the text: "STATE OF MAINE" at the top, "JOHN QUENTIN ADAMS" in the center, "No. 11083" below the name, and "PROFESSIONAL ENGINEER" at the bottom. A blue ink signature is written over the seal, extending to the right.

John Q. Adams, PE, PTOE, Senior Associate
Barton & Loguidice, LLC.