



To: Mr. Patrick Burns
Expansion Project Manager
City Market
82 S Winooski Ave
Burlington, VT 05401

Date: August 10, 2016

Memorandum

Project #: 57843.00

From: David Saladino, PE, AICP
Director, Transportation Systems &
Erica Quallen, EIT
Transportation Consultant

Re: Proposed City Market/Onion River Co-op (South End)
Review of Proposed Pine & Flynn Project's Traffic Impacts on City
Market Traffic

VHB has previously completed a Traffic Impact Study (TIS) for the proposed City Market/Onion River Co-op grocery store to be located on the southwest corner of Flynn Avenue and Briggs Street in Burlington, Vermont. Subsequent to the development of the City Market TIS, a 30-unit residential building with first floor commercial space was proposed at the north corner of the Pine Street and Flynn Avenue intersection in the current Pine Street Deli location. This memorandum evaluates the potential impacts that the Pine & Flynn project's trips would have on the traffic operational results at the Pine Street/Flynn Avenue intersection as reported in the July 27, 2016 City Market TIS.

According to the information presented in the Pine Street Deli Site's Traffic Assessment (Stantec, June 28, 2016), the net increase in site-generated trips through the Pine Street/Flynn Avenue intersection is two vehicles, both southbound on Pine Street, in the morning peak hour and one vehicle, northbound on Pine Street, in the evening peak hour.

Given that the change to peak hour traffic volumes from the proposed Pine & Flynn Project is minimal (i.e. one additional trip during the PM peak hour), the congestion results presented in the July 27, 2016 City Market TIS (see **Figure 1** below) are not expected to change in any way that is significant to overall traffic conditions.

TABLE 1: FLYNN AVE AT PINE ST INTERSECTION CAPACITY ANALYSIS SUMMARY

Location	Year (Condition)	No Build PM			Build PM		
		v/c*	Delay**	LOS***	v/c	Delay	LOS
Flynn Ave at	2017	0.83	13	B	0.94	18	B
Pine St	2022 (w/o Parkway)	0.85	13	B	0.88	21	C
	2022 (w/ Parkway)	0.43	10	B	0.47	11	B

* Volume to capacity ratio.

** Delay expressed in seconds per vehicle.

*** Level of service.

w/ Parkway – Evaluation includes the Champlain Parkway (C1 & C2 2-Lane Alternative).

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