

MEMORANDUM

DATE: March 9, 2011

TO: Craig Kay
Anne Mead

FROM: Carl F. Starkey

SUBJECT: Gilmoure-Burnett Childway Day Care – Addendum to Traffic Study

In accordance with the reduced enrollment and staff for the Childway Child Care Center, we have prepared the analysis below to provide the trip generation rates and the resulting trips for the reduced staffing levels.

Consistent with the Traffic Study, STS LTD utilized rates established within the *Local Area Transportation Review and Policy Area Mobility Review Guidelines* for a child care center.

DAY CARE TRIP GENERATION

<u>DEVELOPMENT</u>	<u>MORNING PEAK HOUR</u>			<u>EVENING PEAK HOUR</u>		
	<u>IN</u>	<u>OUT</u>	<u>TOTAL</u>	<u>IN</u>	<u>OUT</u>	<u>TOTAL</u>
<i>Generation Rate</i>						
Trips/Staff	T=1.75(x)+17 53%/47%			T=2.06(x)+16 49%/51%		
<i>Generated Trips</i>						
Trips/25 staff	32	29	61	33	35	68
Pass-By	8	8	16	4	4	8
Net New/ Diverted Trips	24	21	45	29	31	60
Trips/20 staff	28	24	52	28	29	57
Pass-By	7	7	14	4	3	7
Net New/ Diverted Trips	21	17	38	24	26	50

As shown above, the total trip generation with the reduced enrollment is 9 less in the morning peak hour, and 11 less during the evening peak hour.

As stated in the Traffic Study, the property is also well served by transit with direct connections to 2 Metro stations, including 3 Ride On routes and 8 WMATA routes, all of which connect with the Silver Spring Metro Station and 3 that also connect with the Wheaton Metro station. The average headways for the bus routes are 8-12 minutes for 2 WMATA routes, 20-30 minutes for the 3 Ride On routes and 30 minute headways for 4 of the WMATA routes. Thus, in addition to walking from within the neighborhood, there exists multiple options for trips to be made to the property via mass transit instead of traditional motor vehicle.