

APPENDIX C

Weekday Peak Hour Trip Generation Rates and Directional Splits for the Bethesda, Friendship Heights, and Silver Spring CBDs

Table C-1

Weekday Morning and Evening Peak-Hour Trip Generation Rates for the Bethesda and Friendship Heights CBDs

Land Use Per Trip Rate Unit	Rate	%	%	Rate	%	%
	AM Peak-Hour Vehicle Trips per Unit of Development	In	Out	PM Peak-Hour Vehicle Trips per Unit of Development	In	Out
Office (1,000 sf)	1.50	85	15	1.50	25	75
Retail (1,000 sf)	0.65	50	50	2.60	50	50
Grocery Store (1,000 sf)	1.22	70	30	6.20	50	50
Residential High Rise (dwelling unit)	0.30	20	80	0.30	67	33
Residential Garden Apt. (dwelling unit)	0.45	20	80	0.45	67	33
Residential Townhouse (dwelling unit)	0.45	20	80	0.45	67	33
Residential Single-Family (dwelling unit)	0.80	25	75	0.80	67	33
Hotel (room)	0.22	60	40	0.22	55	45
Miscellaneous Service (1,000 sf)	1.30	50	50	1.30	50	50
Hospital (employee)	0.33	70	30	0.29	30	70
Industrial (1,000 sf)	1.10	85	15	1.10	15	85

Table C-2

Weekday Morning and Evening Peak Hour Trip Generation Rates for the Silver Spring CBD

Land Use	Morning			Evening		
	Rate	% In	% Out	Rate	% In	% Out
Office (existing vacant/1,000 sf)	1.60	85	15	1.60	15	85
Office (pending + future/1,000 sf)	1.40	85	15	1.40	15	85
Industrial (1,000 sf)	1.00	85	15	1.00	15	85
Retail (1,000 sf)	0.50	50	50	2.00	50	50
Residential (high rise)	0.30	20	80	0.30	70	30
Residential (townhouse)	0.45	20	80	0.45	67	33
Hotel (room)	0.20	60	40	0.20	55	45