

TABLE 1 - VEHICULAR TRIP GENERATION (ITE)
24TH AVENUE PLAT (West Olympia) - THURSTON COUNTY
TECHNICAL E-MAIL

Time Period	Size (X)	TG Rate	Enter %	Enter Trips	Exit %	Exit Trips	Total (T)	Pass-by %*	Pass-by Trips	Net Total
Proposed: Single-Family Detached Housing - General Urban/Suburban (ITE LUC 210; 23 - new units)										
Weekday	23	9.43	50%	108	50%	108	217	--	--	--
AM peak hour	23	0.7	26%	4	74%	12	16	--	--	--
PM peak hour	23	0.94	63%	14	37%	8	22	--	--	--
Proposed: Multi-Family Housing (Low-Rise) - General Urban/Suburban (ITE LUC 220; 33-units) - 10 multifamily units + 23 ADU										
Weekday	33	6.74	50%	111	50%	111	222	--	--	--
AM peak hour	33	0.4	24%	3	76%	10	13	--	--	--
PM peak hour	33	0.51	63%	11	37%	6	17	--	--	--
Total: Single-Family & Multifamily/ADU Units										
Weekday	--	--	--	220	--	220	439	--	--	--
AM peak hour	--	--	--	7	--	22	29	--	--	--
PM peak hour	--	--	--	24	--	14	38	--	--	--

Where X = number of units or sf and T = Trips; parenthesis (xx) denote negative values

* - Pass-by rates per ITE, local Agency data and Traffic Engineering Experience, residential trips are typically considered new thus for analysis no pass-by to account for service/delivery type trips is taken

Trip rates per the Institute of Transportation Engineers Trip Generation Manual 11th Edition

Note: Due to rounding some values may not add up

A vehicle trip is defined as a single or one direction vehicle movement with either the origin or destination (exiting or entering) inside the study site. The above trip generation values account for all the site trips made by all vehicles for all purposes, including commuter, visitor, recreation, and service and delivery vehicle trips.



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