

**Pass-by Trips
Weekday PM Peak Hour**

Summarized from *ITE Trip Generation Handbook*, 3rd Edition

Land Use Code	Land Use Description	ITE Pass-by Rates			Number of Studies	Size of Sites (1,000 Sq. Ft.)	Years data collected	WisDOT Acceptable pass-bys
		Low	High	Average				
813	Free-Standing Discount Superstore	13%	40%	27%	19	102,000-226,000	1996-2010	0-25%
815	Free-Standing Discount Store	1%	39%	17%	22	66,000-133,000	1994	0-20%
820	Shopping Center	8%	74%	34%	100	9,000-1,200,000	1980-1995	0-35%
850	Supermarket	19%	57%	36%	12	<25,000 - 70,000	1987, 1993	0-25%
851	Convenience Market (24-hr)	28%	78%	51%	11	1,900-3,000	1987	0-50%
853	Convenience Market with Gas	48%	87%	66%	17	2,200-3,600	1989, 1993	0-65%
854	Discount Supermarket	7%	38%	21%	14	50,000-94,000	1998-2010	0-20%
857	Discount Club	29%	50%	37%	5	137,000-149,000	2009-2010	0-35%
862	Home Improvement Superstore	25%	54%	42%	4	91,000-142,000	1992-2010	0-40%
880	Pharmacy/Drugstore w/o Drive-thru	30%	65%	53%	6	8,600-13,200	1992-1995	0-50%
881	Pharmacy/Drugstore w/ Drive-thru	41%	58%	49%	3	9,600-15,500	1995	0-50%
912	Drive-in Bank	15%	64%	35%	21	2,700 - 16,000	1988-2007	0-35%
931	Quality Restaurant	26%	62%	44%	4	6,500 - 12,000	1992-1995	0-40%
932	High-Turnover (sit-down) Restaurant	23%	63%	43%	12	2,900 - 11,500	1992-1996	0-40%
934	Fast-food restaurant w/ drive-thru	25%	71%	50%	18+	1,300-4300	1987-1996	0-50%
944	Gas/service station	20%	62%	42%	9	300-2300	1987-1992	0-40%
945	Gas/service station w/ conv. market	46%	72%	56%	9	400-2100	1992-1993	0-55%

The WisDOT will not accept pass-by rates that exceed the rates shown without additional information justifying the use of the higher rates. The Traffic Impact Analysis preparer is cautioned that the actual pass-by rates to be used are to be determined on a case by case basis. The WisDOT reserves the right to require the use of pass-by rates that are lower than the maximums shown based on the conditions present in the area of the proposed development.