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**TRANSPORTATION IMPACT
FEE CALCULATION
Effective January 1, 2009
Ordinance 493**

TRANSPORTATION IMPACT FEE CALCULATION

The Transportation Impact Fee amount is calculated by using the following formula:

$$\boxed{\begin{array}{c} \text{Amount of Transportation} \\ \text{Impact fee} \end{array}} = \boxed{\begin{array}{c} \text{Number of units of} \\ \text{each use} \end{array}} \times \boxed{\begin{array}{c} \text{Transportation Impact Fee per unit amount} \\ \text{in far right column of Table 19.35-2} \end{array}}$$

- The number of units of each use is determined as follows: For residential uses it is the number of dwelling units for which a building permit application has been made and for office, retail or manufacturing uses it is the gross floor area of the building(s) to be used for each use expressed in square feet divided by 1,000 square feet, or in the units as defined in the middle column of Table 19.35-2.
- For mixed use developments, the impact fees shall be calculated using the above formula separately for each use. The Transportation Impact Fees that shall be paid are the sum of these calculations.
- If a development activity will include more than one use in a building or site, then the impact fee shall be determined using the above formula by apportioning the space committed to the various uses as specified in the first column of Table 19.35-2.
- If the type of use or development activity is not specified on Table 19.35-2, the Director of Public Works shall use the Transportation Impact Fee applicable to the most comparable type of land use in the first column of Table 19.35-2. The Director shall be guided in the selection of a comparable type by the most recent *Trip Generation Manual* (Institute of Transportation Engineers) or other recognized national standard.
- In the case of a change of use, development activity, redevelopment, or expansion or modification of an existing use, the impact fee shall be based on the net positive increase in the impact fee for the new development activity as compared to the impact fee that would have been applied to the previous development activity.
- The Transportation Impact Fees as set forth in Table 19.35-2 shall be presumed valid and appropriate, unless revised pursuant to the following provisions:
 - A. The applicant may request a credit by following the procedures set forth in BMC 19.35.110.
 - B. The applicant may submit an independent fee calculation by following the procedures set forth in BMC 19.35.100.

**Table 19.35-2
Schedule of Transportation Impact Fees**

Land Use Category – Trip Generation, 7 th Edition*	Notes	ITE Land Use Code	ITE Average PM Peak Hour Trip Rate (1)	Unit**	Pass-By Trip Reduction Factor*** (2)	Net New Trip Rate (3)	Impact Fee Per Unit (4)
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Residential

Single-Family Detached Housing	3	210	1.01	Dwelling Unit	1.00	1.01	957
Apartment	3	220	0.62	Dwelling Unit	1.00	0.62	588
Low-Rise Apartment (1-2 Floors)	3	221	0.58	Occupied Dwelling Unit	1.00	0.58	550
High-Rise Apartment (> 10 floors)	3	222	0.35	Dwelling Unit	1.00	0.35	332
Mid-Rise Apartment (3-10 floors)	3	223	0.39	Dwelling Unit	1.00	0.39	370
Residential Condominium/Townhouse	3	230	0.52	Dwelling Unit	1.00	0.52	493
Mobile Home Park	3	240	0.59	Occupied Dwelling Unit	1.00	0.59	559
Senior Adult Housing – Detached	3	251	0.26	Dwelling Unit	1.00	0.26	246
Senior Adult Housing – Attached		252	0.11	Occupied Dwelling Unit	1.00	0.11	104
Congregate Care Facility	1	253	0.17	Occupied Dwelling Unit	1.00	0.17	161
Assisted Living		254	0.22	Bed	1.00	0.22	209
Recreational Homes	1	260	0.26	Dwelling Unit	1.00	0.26	246
Residential Planned Unit Development (PUD)	3	270	0.62	Dwelling Unit	1.00	0.62	588

Institutional

County Park	1	412	0.06	Acre	1.00	0.06	57
Beach Park	1	415	1.30	Acre	1.00	1.30	1,232
Regional Park	1	417	0.20	Acre	1.00	0.20	190
Golf Course	1	430	0.30	Acre	1.00	0.30	284
Multipurpose Recreational Facility	1	435	3.35	1,000 sf GFA	1.00	3.35	3,176
Bowling Alley	1	437	3.54	1,000 sf GFA	1.00	3.54	3,356
Movie Theater with Matinee	1	444	0.07	Seat	1.00	0.07	66
Casino/Video Lottery Establishment		473	13.43	1,000 sf GFA	1.00	13.43	12,732
Tennis Courts	1	490	3.88	Tennis Court	1.00	3.88	3,678
Recreational Community Center	1	495	1.64	1,000 sf GFA	1.00	1.64	1,555
Health/Fitness Club	1	492	4.05	1,000 sf GFA	1.00	4.05	3,839
Elementary School	4	520	n/a (see note)	1,000 sf GFA	1.00	n/a	n/a
Middle School/Junior High School		522	1.19	1,000 sf GFA	1.00	1.19	1,128
High School		530	0.97	1,000 sf GFA	1.00	0.97	920
Church		560	0.66	1,000 sf GFA	1.00	0.66	626

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Institutional (cont)

Day Care Center		565	13.18	1,000 sf GFA	1.00	13.18	12,495
Library		590	7.09	1,000 sf GFA	1.00	7.09	6,721
Hospital		610	1.18	1,000 sf GFA	1.00	1.18	1,119
Nursing Home	1	620	0.42	1,000 sf GFA	1.00	0.42	398
Clinic	1	630	1.23	Employee	1.00	1.23	1,166

Business & Commercial

Hotel		310	0.59	Room	1.00	0.59	559
All Suites Hotel	1	311	0.40	Room	1.00	0.40	379
Motel		320	0.47	Room	1.00	0.47	446
Resort Hotel	3	330	0.42	Room	1.00	0.42	398
Building Materials and Lumber Store	2(a), 3	812	4.49	1,000 sf GFA	0.75	3.37	3,192
Free-Standing Discount Superstore		813	3.87	1,000 sf GFA	0.72	2.79	2,642
Specialty Retail Center	1, 2(b), 3	814	2.71	1,000 sf GLA	0.66	1.79	1,696
Free-Standing Discount Store		815	5.06	1,000 sf GFA	0.83	4.20	3,981
Hardware/Paint Store	3	816	4.84	1,000 sf GFA	0.74	3.58	3,395
Nursery (Garden Center)	2(a)	817	3.80	1,000 sf GFA	0.72	2.74	2,594
Nursery (Wholesale)	2(a)	818	5.17	1,000 sf GFA	0.72	3.72	3,529
Shopping Center	5	820	n/a (see note)	1,000 sf GLA	0.66	n/a	n/a
Factory Outlet Center	2(b)	823	2.29	1,000 sf GFA	0.66	1.51	1,433
New Car Sales	2(a)	841	2.64	1,000 sf GFA	0.75	1.98	1,877
Automotive Parts Sales	1, 3	843	5.98	1,000 sf GFA	0.57	3.41	3,231
Tire Store		848	4.15	1,000 sf GFA	0.72	2.99	2,833
Tire Superstore	2(e)	849	2.11	1,000 sf GFA	0.72	1.52	1,440
Supermarket	3	850	10.45	1,000 sf GFA	0.64	6.69	6,340
Convenience Market (Open 24-Hours)		851	52.41	1,000 sf GFA	0.39	20.44	19,377
Convenience Market (Open 15-16 Hours)	1, 2(i)	852	34.57	1,000 sf GFA	0.39	13.48	12,781
Convenience Store with Gasoline Pumps		853	19.22	Vehicle Fueling Position	0.34	6.53	6,195
Discount Supermarket	3	854	8.90	1,000 sf GFA	0.77	6.85	6,497
Discount Club	2(f)	861	4.24	1,000 sf GFA	0.77	3.26	3,095

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Business & Commercial (cont)

Home Improvement Superstore		862	2.45	1,000 sf GFA	0.52	1.27	1,208
Electronic Superstore	1	863	4.50	1,000 sf GFA	0.60	2.70	2,560
Toy Children’s Superstore	1, 2(b)	864	4.99	1,000 sf GFA	0.66	3.29	3,122
Pet Supply Superstore	1, 2(b)	866	4.96	1,000 sf GFA	0.66	3.27	3,103
Office Supply	1, 2(f)	867	3.40	1,000 sf GFA	0.77	2.62	2,482
Book Superstore	1, 2(b)	868	19.53	1,000 sf GFA	0.66	12.89	12,220
Discount Home Furnishing Superstore	1, 2(b)	869	4.01	1,000 sf GFA	0.66	2.65	2,509
Apparel Store	2(b)	870	3.83	1,000 sf GFA	0.66	2.53	2,396
Art and Craft Store	1, 2(f)	879	6.21	1,000 sf GFA	0.77	4.78	4,533
Pharmacy/Drug Store without Drive-Through		880	8.42	1,000 sf GFA	0.47	3.96	3,752
Pharmacy/Drug Store with Drive Through		881	8.62	1,000 sf GFA	0.51	4.40	4,168
Furniture Store		890	0.46	1,000 sf GFA	0.47	0.22	205
Video Rental Store	2(b), 3	896	13.60	1,000 sf GFA	0.66	8.98	8,509
Walk-in Bank	1, 2(d)	911	33.15	1,000 sf GFA	0.53	17.57	16,656
Drive-in Bank		912	45.74	1,000 sf GFA	0.53	24.24	22,982
Quality Restaurant		931	7.49	1,000 sf GFA	0.56	4.19	3,976
High Turnover (Sit –Down) Restaurant		932	10.92	1,000 sf GFA	0.57	6.22	5,901
Fast Food Restaurant without Drive-Through	1, 2(g)	933	26.15	1,000 sf GFA	0.50	13.08	12,395
Fast Food Restaurant with Drive-Through		934	34.64	1,000 sf GFA	0.50	17.32	16,419
Quick Lubrication Vehicle Shop	2(c)	941	5.19	Servicing Position	0.57	2.96	2,804
Automobile Care Center	1, 2(c)	942	3.38	1,000 sf GLA	0.57	1.93	1,826
Automobile Parts and Service Center	1, 2(c)	943	4.46	1,000 sf GLA	0.57	2.54	2,410
Gasoline/Service Station		944	13.86	Vehicle Fueling Position	0.58	8.04	7,621
Gasoline/Service Station w/ Convenience Market		945	13.38	Vehicle Fueling Position	0.44	5.89	5,581
Gasoline/Service Station w/ Convenience Market & Car Wash	2(h)	946	13.33	Vehicle Fueling Position	0.44	5.87	5,560
Self-Service Car Wash	2(h)	947	5.54	Wash Stall	0.44	2.44	2,311

Office

General Office Building	3	710	1.49	1,000 sf GFA	1.00	1.49	1,413
Corporate Headquarters Building	3	714	1.40	1,000 sf GFA	1.00	1.40	1,327

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Office (cont)

Single Tenant Office Building	3	715	1.73	1,000 sf GFA	1.00	1.73	1,640
Medical Dental Office Building	3	720	3.72	1,000 sf GFA	1.00	3.72	3,527
Government Office Building	1	730	1.20	1,000 sf GFA	1.00	1.20	1,138
United States Post Office		732	10.89	1,000 sf GFA	1.00	10.89	10,324
Office Park	3	750	1.50	1,000 sf GFA	1.00	1.50	1,422
Research and Development Center	3	760	1.08	1,000 sf GFA	1.00	1.08	1,024
Business Park	3	770	1.29	1,000 sf GFA	1.00	1.29	1,223

Industrial

General Light Industrial	3	110	0.98	1,000 sf GFA	1.00	0.98	929
General Heavy Industrial	1	120	0.88	Employee	1.00	0.88	834
Industrial Park		130	0.86	1,000 sf GFA	1.00	0.86	815
Manufacturing	3	140	0.74	1,000 sf GFA	1.00	0.74	702
Warehousing	3	150	0.47	1,000 sf GFA	1.00	0.47	446
Mini-Warehouse		151	0.26	1,000 sf GFA	1.00	0.26	246
Utilities	1	170	0.76	1,000 sf GFA	1.00	0.76	720

Port and Terminal

Truck Terminal	1	30	0.55	Employee	1.00	0.55	521
Park-and-Ride Lot with Bus Service	3	90	0.62	Parking Space	1.00	0.62	588

*Trip Generation, Institute of Transportation Engineers, 7th Edition, 2003

**Abbreviations include: GFA = Gross Floor Area, sf = square feet, and GLA = Gross Leasable Area

***The Pass-By Trip Reduction Factor reduces the Average Trip Rate based on average Pass-By trip percentages in the *ITE Trip Generation Handbook* (2nd Edition, 2004).

NET NEW TRIP RATE CALCULATION:

ITE Trip Rate (1)	X	Pass-By Reduction Factor (2)	=	Net New Trip Rate (3)
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IMPACT FEE CALCULATION:

Net New Trip Rate (3)	X	\$948 Per New PM Peak Hour Trip	=	Impact Fee per Unit of Development (4)
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NOTES:

(1) *Trip Generation* (7th Edition, 2003) has less than 6 studies supporting this average rate. Applicants are strongly encouraged to conduct, at their own expense, independent trip generation studies in support of their application.

(2) No pass-by rates are available. Pass-by rates were estimated from other similar uses.

<u>Code</u>	<u>Land Use</u>	<u>Pass-By Trip Reduction Factor</u>
2 (a)	No Data Available 25% Estimated Pass-by	0.75
2 (b)	Shopping Center (850)	0.66
2 (c)	Auto Parts Sales (843)	0.57
2 (d)	Bank/Drive-in (912)	0.53
2 (e)	Tire Store (848)	0.72
2 (f)	Discount Supermarket (854)	0.77
2 (g)	Fast Food Restaurant with Drive-Through (934)	0.50
2 (h)	Gasoline/Service Station w/ Convenience Market (945)	0.44
2 (i)	Convenience Market (24 Hr) (851)	0.39

(3) Alternatively, the PM peak hour trip regression equation in *Trip Generation* can be used instead of the average trip rate identified in the table. However, the equation must be used according to the instructions in *Trip Generation*.

(4) No Average PM peak hour trip rate available. Need to perform own PM peak hour traffic count for the identified land use to calculate impact fee.

(5) ITE *Trip Generation* (7th Edition, 2003) equation used instead of trip rate.

Note: The information in this document is a retyped version of the chart and notes that were adopted by Ord. 493, 2009