

Transportation Trip Calculator

This form provides the City of Issaquah with Trip Generation information to be used for:

- 1) Transportation Impact Analysis:
 - a. Establish the land uses and number of traffic trips generated by a development.
- 2) Traffic Impact Fees
 - a. More information regarding impact fees can be found [here](#).
- 3) Transportation Concurrency:
 - a. Consistency of proposed land use type, location, and size with the City’s land use forecasts used for concurrency modeling.
 - b. Proposed trips within the citywide Trip Bank capacity, the allowable trip ends for new developments based on the project’s subarea within the City.

A. General Information

Applicant Name:	
Applicant Email:	
Applicant Phone:	
Applicant Company:	

Project Name:	
Permit Number:	
Parcel Number:	
Project Address:	

B. Trip Calculator

Please complete the Trip Calculator to provide the applicant’s estimate of how a development meets the citywide Trip Bank.

Prior Uses	Number	Unit of Measure	Trips per unit	Total
Proposed Uses				

Trips (Proposed): _____
 - Trips (Prior): _____
 Net Trips: _____

C. For Transportation Impact Analysis (TIA) Purposes

A [Transportation Impact Analysis \(TIA\)](#) is required if your project generates:

- 1) Greater than or equal to 30 new net trips
- 2) If fewer than 30 trips, it may be required to demonstrate adequate site circulation, safety considerations, or other matters relevant to the project and location.

A Transportation Impact Analysis is required.

D. For Concurrency Application Purposes

A concurrency application fee is due at the time of your [Transportation Concurrency Certificate Application](#). Application fee amount is calculated as:

(Net Trips) _____ X \$55.13 = _____ (fee includes technology surcharge)

Staff Use Only	
Permit Number: _____	Date Received: _____
Staff Contact: _____	

Table of Vehicle Trip Ends

This table for informational purposes only and is not required to be submitted with your application.

- SF = Square Feet
- GFA = Gross Floor Area

ITE Code	ITE Land Use Category	Unit of Measure	Vehicle Trip Ends ¹
110	General Light Industrial	1000 SF GFA	0.65
130	Industrial Park	1000 SF GFA	0.34
140	Manufacturing	1000 SF GFA	0.74
151	Mini-warehouse	1000 SF GFA	0.15
210	Single Family Detached Housing	dwelling	0.94
215	Single Family Attached Housing	dwelling	0.57
220	Multifamily Housing (Low-Rise) - Not Close to Rail Transit	dwelling	0.51
221	Multifamily Housing (Mid-Rise) - Not Close to Rail Transit	dwelling	0.39
222	Multifamily Housing (High-Rise) - Not Close to Rail Transit	dwelling	0.32
240	Mobile Home	dwelling	0.58
251	Senior Adult Housing-detached	dwelling	0.30
252	Senior Adult Housing-attached	dwelling	0.25
253	Congregate Care Facility	dwelling	0.18
254	Assisted Living	1000 SF GFA	0.48
310	Hotel	room	0.59
320	Motel	room	0.36
492	Health/Fitness Club	1000 SF GFA	3.45
520	Elementary School	students	0.16
522	Middle/Junior High School	students	0.15
525	High School	students	0.14

ITE Code	ITE Land Use Category	Unit of Measure	Vehicle Trip Ends ¹
560	Church	1000 SF GFA	0.49
565	Day Care Center	1000 SF GFA	11.12
590	Library	1000 SF GFA	8.16
610	Hospital	1000 SF GFA	0.86
620	Nursing Home	1000 SF GFA	0.59
710	Office	1000 SF GFA	1.44
720	Medical Office	1000 SF GFA	3.93
732	Post Office	1000 SF GFA	11.21
750	Office Park	1000 SF GFA	1.30
760	R&D Center	1000 SF GFA	0.98
770	Business Park	1000 SF GFA	1.22
812	Building Materials & Lumber	1000 SF GFA	2.25
814	Variety Store	1000 SF GFA	6.70
815	Free-standing Discount Store	1000 SF GFA	4.86
816	Hardware/Paint Store	1000 SF GFA	2.98
817	Nursery (Garden Center)	1000 SF GFA	6.94
820	Shopping Center	1000 SF GFA	3.40
840	New Car Sales	1000 SF GFA	2.42
843	Auto Parts Sales	1000 SF GFA	4.90
848	Tire Store	1000 SF GFA	3.75
850	Supermarket	1000 SF GFA	8.95
851	Convenience Market - 24 hr	1000 SF GFA	49.11
857	Discount Club	1000 SF GFA	4.19
862	Home Improvement Superstore	1000 SF GFA	2.29
863	Electronics Superstore	1000 SF GFA	4.25
880	Pharmacy/Drugstore: no drive-up	1000 SF GFA	8.51
881	Pharmacy/Drugstore: w/ drive-up	1000 SF GFA	10.25
890	Furniture Store	1000 SF GFA	0.52
911	Walk-in Bank	1000 SF GFA	12.13
912	Drive-in Bank	1000 SF GFA	21.01
931	Quality Restaurant	1000 SF GFA	7.80
932	High-Turnover (Sit-Down) Restaurant	1000 SF GFA	9.05
933	Fast Food: no drive-up	1000 SF GFA	33.21
934	Fast Food: w/ drive-up	1000 SF GFA	33.03
936	Coffee/Donut Shop: no drive-up	1000 SF GFA	32.29
937	Coffee/Donut Shop: w/ drive-up	1000 SF GFA	38.99
941	Quick Lubrication Shop	1000 SF GFA	8.7
943	Auto Parts & Service Center	1000 SF GFA	2.06
944	Gasoline/Service Station	fuel position	13.91
947	Self-service Car Wash	wash stall	5.54

1. ITE Trip Generation (11th Edition, 2021): 4-6 PM Peak Hour Trip Ends.