

MEMO

DATE: April 15, 2026
 TO: City of Winston
 FROM: Kelly Sandow P.E.
 Sandow Engineering
 RE: Winston Trip Rates



RENEWAL 06/30/26

As per your request, Sandow Engineering has compiled an update of trip rates for commercial and residential uses. The trip rates are based on the ITE Trip Generation Manuals, 12th ed. The commercial trip rates are provided in Table 1, and the residential trip rates are provided in Table 2.

Additionally, a comprehensive list of uses to be reasonably found within the City is included as an attachment for further use.

TABLE 1: COMMERCIAL RATES

Use	Daily Rate	Unit
Retail	84.65	Ksf
Wholesale	17.60	ksf
Office	18.61	Ksf
Medical	23.27	Ksf
Service	117.4	Ksf
Restaurant	263.63	Ksf
Manufacturing/Industrial	3.52	Ksf
Warehousing	1.77	Ksf
Institutional	33.12	Ksf
Hotel	4.25	Room
Recreational Facilities	24.14	Ksf
School	2.1	Student
Church	6.78	Ksf
Recreational RV Park	1.04	Spaces
Day Care	39.3	Ksf

KSF= 1,000 square feet

TABLE 2: RESIDENTIAL RATES

Use	Daily Rate	Unit
Single Family Detached	9.09	Dwelling Unit
Single Family Attached	6.57	Dwelling Unit
Apartments	6.21	Dwelling Unit
Mobile Home Park	7.87	Dwelling Unit