

TABLE 5-1
PROJECT TRIP GENERATION RATES AND FORECAST⁴

ITE Land Use Code / Project Description	Daily 2-Way	AM Peak Hour			PM Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total
<u>Generation Factors:</u>							
▪ 930: Fast Casual Restaurant (TE/1000 SF)	315.17	1.39	0.68	2.07	7.77	6.36	14.13
▪ 934: Fast-Food Restaurant With Drive-Thru (TE/1000 SF)	470.95	20.50	19.69	40.19	16.99	15.68	32.67
<u>Generation Forecast:</u>							
▪ Fast Casual Restaurant (4,680 SF)	1,475	7	3	10	36	30	66
Pass-By (Daily: 10%, AM: 10%, PM: 25%) ⁵	<u>-148</u>	<u>-1</u>	<u>0</u>	<u>-1</u>	<u>-9</u>	<u>-8</u>	<u>-17</u>
Subtotal	1,327	6	3	9	27	22	49
▪ Fast-Food Restaurant With Drive-Thru (2,000 SF)	942	41	39	80	34	31	65
Pass-By (Daily: 25%, AM: 0%, PM: 25%) ⁶	<u>-236</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>-9</u>	<u>-7</u>	<u>-16</u>
Subtotal	706	41	39	80	25	24	49
Total Traffic Generation Forecast	2,033	47	42	89	52	46	98

Note:

- TE/1000 SF = trip end per thousand square feet

⁴ Source: *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017).

⁵ The *Trip Generation Handbook*, 3rd Edition does not provide pass-by reduction factors for ITE Land Use 930, therefore pass-by reduction factors for ITE Land Use 932: High-Turnover (Sit-Down) Restaurant could be utilized, which has a PM peak hour pass-by percentage of 43%. However, per City of Rialto requirements, the maximum allowable pass-by reduction factor is 25%. Therefore the PM peak hour pass-by percentage utilized is 25%. The daily and AM peak hour pass-by percentages were estimated to be 10%.

⁶ The *Trip Generation Handbook*, 3rd Edition recommends an AM peak hour and PM peak hour pass-by reduction factor of 49% and 50%, respectively for fast-food restaurants. However, per City of Rialto requirements, the maximum allowable pass-by reduction factor is 25%. Therefore the PM peak hour pass-by percentage utilized is 25%. The AM peak hour pass-by percentage utilized is 0% per the request of City staff. The daily pass-by percentage was estimated to be 25%.