

Table 3

Project Trip Generation

Land Use	Quantity	Units ¹	Source ²	Morning Peak Hour			Evening Peak Hour			Daily
				Inbound	Outbound	Total	Inbound	Outbound	Total	
<u>Trip Generation Rates</u>										
Super Convenience Market/Gas Station	1	VFP	ITE 960	14.04	14.04	28.08	11.48	11.48	22.96	230.52
<u>Vehicle Trips Generated</u>										
Super Convenience Market/Gas Station										
Non-Diesel	16	VFP	ITE 960	225	224	449	184	183	367	3,688
Diesel	2	VFP	ITE 960	28	28	56	23	23	46	461
Subtotal				253	252	505	207	206	413	4,149
Pass-By Trips (25%) ⁴				-63	-63	-126	-52	-52	-104	-1,037
Net Vehicle Trips Generated				190	189	379	155	154	309	3,112
<u>PCE Trips Generated</u>										
Super Convenience Market/Gas Station										
Non-Diesel	16	VFP	ITE 960	225	224	449	184	183	367	3,688
Diesel (PCE Factor = 3.0)	2	VFP	ITE 960	84	84	168	69	69	138	1,383
Subtotal				309	308	617	253	252	505	5,071
Pass-By Trips (25%) ⁴				-77	-77	-154	-63	-63	-126	-1,268
Net PCE Trips Generated				232	231	463	190	189	379	3,803

¹ VFP = Vehicle Fueling Position

² ITE = Institute of Transportation Engineers, Trip Generation Manual, 10th Edition, 2017; ### = Land Use Code

³ Per City of Rialto guidelines, pass-by trip reduction not to exceed 25%.