

Table 3
Project Trip Generation Estimated Based on Observed Similar Site Trip Rates

Observed Similar Site Trip Generation Rates Based on Traffic Count Data ¹								
Trip Type	Unit ²	Daily	Morning Peak Hour			Evening Peak Hour		
			In	Out	Total	In	Out	Total
Bobtail Truck Vehicle Trips	PS	0.93	0.04	0.04	0.08	0.04	0.04	0.08
Trailer Vehicle Trips	PS	0.41	0.03	0.00	0.03	0.04	0.01	0.05
Passenger Car Vehicle Trips	PS	6.33	0.33	0.50	0.83	0.17	0.33	0.50
Total Vehicle+Trailer Trips		7.67	0.40	0.54	0.94	0.25	0.38	0.63

Jurupa Project Project Trip Generation Based on Observed Similar Site Trip Generation Rates								
Trip Type		Daily	Morning Peak Hour			Evening Peak Hour		
			In	Out	Total	In	Out	Total
Bobtail Truck Vehicle Trips	143 PS	133	6	6	12	6	6	12
Trailer Vehicle Trips	143 PS	59	4	0	4	6	1	7
Passenger Car Vehicle Trips	6 PS	38	2	3	5	1	2	3
Total Vehicle+Trailer Trips³		230	12	9	21	13	9	22
Bobtail Truck PCE Trips	PCE ⁴ = 2.0	266	12	12	24	12	12	24
Trailer PCE Trips	PCE ⁴ = 1.5	89	6	0	6	9	2	11
Passenger Car PCE Trips	PCE ⁴ = 1.0	38	2	3	5	1	2	3
Total PCE Trips		393	20	15	35	22	16	38

Note:

- ¹ Observed similar site trip generation rates estimated based on traffic count data (see Table 3).
- ² PS = Parking Spaces
- ³ Total vehicle trips are shown as vehicle trip-ends. Passenger Car Equivalence (PCE) factors for trucks and trailers are not included.
- ⁴ A truck with one attached trailer is assumed with a 3.5 PCE. A bobtail truck without trailer is assumed with a 2.0 PCE. For trip calculation purpose, a trailer is assumed with a 1.5 PCE.