



ASSOCIATED TRANSPORTATION ENGINEERS

100 N. Hope Avenue, Suite 4, Santa Barbara, CA 93110 • (805) 687-4418 • FAX (805) 682-8509

Since 1978

Richard L. Pool, P.E.
Scott A. Schell, AICP, PTP

October 9, 2012

11049L08.WP

Ms. Rachel Kovesdi
Kirk Consulting
8830 Morro Road
Atascadero, CA 93422

CELEBRATION OF THE ARTS CAMP: P.M. PEAK HOUR TRIP GENERATION ESTIMATES

Associated Transportation Engineers (ATE) prepared a traffic analysis for the Cantinas Celebration of the Arts Camp, proposed in the Nacimiento Planning Area of San Luis Obispo County. County staff reviewed the information in the study and requested that the analysis include an estimate of weekday P.M. peak hour trips in order to charge the associated traffic mitigation fees. The following analysis presents the P.M. peak hour trip generation estimates for the project.

Cantinas Camp Trip Generation Estimates

Average daily trip generation estimates were developed for Cantinas Camp based on detailed project operational information. The estimates include trips made by the staff required to operate and maintain the facility as well as the camp staff that provide the education and training for the campers participating in the week-long program. The trip generation estimates also include trips made by the camp vans shuttling campers and staff to/from the Paso Robles area as well as delivery trips. Based upon the staffing list and the camp operations plan, an estimate of daily trips was developed for each day of the week. Table 1 shows the average daily trip generation estimates for the project.

Table 1
Cantinas Camp Trip Generation Estimates - Average Daily Trips

Component	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	7-Day Average
Staff	60	60	48	48	48	48	48	51
Camp Vans	40	40	6	6	6	6	6	16
Deliveries	4	4	2	2	2	2	2	3
Total	104	104	56	56	56	56	56	70

As shown, the Cantinas Camp is expected to generate 104 average daily trips (ADT) on weekends (when camp activities peak) 56 ADT on weekdays, and 70 ADT over a 7-day period.

The following analysis uses the average daily trip generation estimates to determine the number of trips that would occur during the weekday P.M. peak hour period. As noted, the P.M. peak hour trip generation is used by the County to charge traffic mitigation fees. Consistent with the County's fee program, the Monday-Friday time period is used in the analysis. As shown in Table 1, the Cantinas Camp is expected to generate 56 ADT during the Monday-Friday time period.

Table 2 shows the P.M. peak hour trip estimates for the project. The employee and activity forecasts provided by the applicant were also used for the analysis.

Table 2
Cantinas Camp Trip Generation Estimates - Weekday P.M. Peak Hour Trips

Staff/Activity	Size		Monday-Friday Trip Generation	
	Size	Cars	Daily Trips	P.M. Peak Hour Trips
Admin Dir/Staff	3	1	4	1
Musicians/Speakers	3	1	2	1
Equestrian staff	4	0	2	0
Instructors	15	3	2	1
Counselors	30	6	2	1
Business Office	5	4	8	2
Snack Shop	2	1	2	1
Dir. Ranch Ops.	1	1	2	0
Maintenance/Janitors	12	3	6	1
Kitchen	8	4	8	2
Transportation	8	3	6	1
Security	2	1	2	0
Medical	3	3	2	1
Camper - Van	(a)	8	6	1
Camp Deliveries	(b)		2	0
Total			56	13

(a) Camp vans used to transport campers and staff.

(b) Delivery vehicles for camp materials.

As shown, the Cantinas Camp Project is expected to generate 13 P.M. peak hour trips during the Monday-Friday time period.

Associated Transportation Engineers



Scott A. Schell, AICP, PTP
 Principal Transportation Planner

SAS/DLD