

CRANE TRANSPORTATION GROUP

Central Valley Office:
2621 E. Windrim Court
Elk Grove, CA 95758
(916) 647-3406 *phone*
(916) 647-3408 *fax*

San Francisco Bay Area Office:
6220 Bay View Avenue
San Pablo, CA 94806
(510) 236-9375 *phone*
(510) 236-1091 *fax*

MEMORANDUM

TO: Boys and Girls Club of Sonoma-Marin

FROM: Mark Crane, P.E. (cranetransgroup@gmail.com)

DATE: January 5, 2020

RE: **EXPECTED TRAFFIC IMPACTS – PROPOSED ROSELAND BOYS & GIRLS CLUB IN SOUTH SANTA ROSA**

To the Boys and Girls Club of Sonoma-Marin,

At your request Crane Transportation Group (CTG) has projected the circulation impacts due to the proposed Roseland Boys & Girls Club to be located along the north side of Sebastopol Road across the street from the Roseland Elementary School in the southern section of the City of Santa Rosa.

I. EXISTING CHILDREN'S ACTIVITY CENTER

Existing after school activities for local children currently take place at the Roseland Elementary School, typically between 3 and 6 PM. Parents either walk or drive to the school to get their children over this 3-hour period. Surveys of existing pickup activity from Monday to Friday, December 16-20, 2019 are presented in **Table 1**.

As shown, the peak hours for parents arriving and either walking or driving their children home was 5-6 PM. The traffic activity over 5 days during this hour ranged from 31 to 37 vehicles per hour arriving and then departing with children. In contrast, during the next busiest hour (4-5 PM), traffic activity over 5 days ranged from 22 to 29 vehicles per hour arriving and then departing. It is likely that many pickups are made by parents on their way home from work.

TABLE 1

**ROSELAND CHILDREN'S CLUB EXISTING
AFTER SCHOOL PARENT PICK UP ACTIVITY AT
THE ROSELAND ELEMENTARY SCHOOL**

**Vehicle Pick-Ups and Pedestrian Walk Home Activity
Monday - Friday Dec 16-20, 2019**

	MONDAY DEC 16		TUESDAY DEC 17		WEDNESDAY DEC 18		THURSDAY DEC 19		FRIDAY DEC 20	
Total Children	195		196		189		190		196	
Total Families	115		118		113		114		119	
Transportation Home	Walk	Vehicle Pick Ups	Walk	Vehicle Pick Ups	Walk	Vehicle Pick Ups	Walk	Vehicle Pick Ups	Walk	Vehicle Pick Ups
Pick Up 3:00-4:00 PM	4	13	9	14	2	23	13	10	3	10
Pick Up 4:00-5:00 PM	13	28	10	29	13	23	14	22	14	29
Pick Up 5:00-6:00 PM	22	36	19	37	17	35	25	31	26	37

Source: Project Applicant.

II. PROPOSED ROSELAND BOYS & GIRLS CLUB TRAFFIC ACTIVITY

The proposed Boys & Girls Club would be located on the north side of Sebastopol Road across the street from the Roseland Elementary School, see **Figure 1**. Initially, once the new club is open there would be no significant change in neighborhood traffic levels as vehicle pickup activity would only be transferred across Sebastopol Road. However, in the future it is likely that attendance will increase due to the popularity of the new facilities.

Assuming a conservative one-third growth in the number of children and associated parent pickups, there would be an additional 10 to 12 vehicles accessing the Club parking lot during the busiest pickup hour (5-6 PM) and an additional 8 to 10 vehicles from 4-5 PM. Potentially, many of these new trips to the club would be made by parents already on the local circulation system.

III. CONCLUSIONS

- The initial traffic impact due to moving the children's activities across the street from the Roseland Elementary School to the new Roseland Boys & Girls Club would be minimal due to the close proximity of the two sites and similar levels of expected use. An increase over time from 8 to 12 new vehicles per hour picking up children associated with a one-third increase in activity at the club should not produce any significant off-site local area traffic impacts since it is likely that many of these vehicles will also already be on the local circulation system as parents or family members are coming home from work.
- Review of the project site plan indicates that there should be adequate on-site parking for the project. Additional short-term overflow parking is provided in adjacent off-street parking lots serving other commercial uses that would not be at peak activity levels during the 4-6 PM time period. Also, a December 27, 2019 Boys and Girls Club Parking Usage Explanation memo by Natalie Balfour (Airport Business Center) provides a quantitative evaluation of the parking adequacy for the proposed project.

Thank you,

Mark Crane, P.E.



SHEET
S-1

BOYS & GIRLS CLUB
 SEBASTOPOL ROAD
 SANTA ROSA, CALIFORNIA
 LANDSCAPE GROUP

DECEMBER 2019



Figure 1
 Site Plan