# Appendix H W-Trans Parking Surveys Memorandum



### Memorandum

Date: October 25, 2023 Project: SAX999

**To:** Jesuit High School - Sacramento **From:** Steve Weinberger, PE sweinberger@w-trans.com

**Subject:** Jesuit High School – Parking Surveys for Football Events

As we discussed, we have conducted a survey of parking activity related to football games at Jesuit High School located at 1200 Jacob Lane, Carmichael, California. These surveys were conducted on a non-football Friday in August 2023 and again on the evening of a night football game vs. St. Ignatius of San Francisco on September 1, 2023 to provide comparison.

All of the parking surveys counted vehicles parked in the street and on the school grounds, but did not include vehicles parked in private driveways.

The public street surveyed included:

- Piccadilly Circle the entire loop just to the west of the football field.
- American River Drive both sides between Piccadilly Circle West to Jacob Lane
- Streets south of American River Drive bounded by American River Drive, Jacob Lane, Whitehall Way and Chancery Way

The on-site school parking areas included:

- Parking Lot North of the Jesuit Chapel Building
- Parking Lot South of the Jesuit Chapel Building
- Small Parking Lot south of the football field.

On the evening of the night football game, the school allowed parking on two grass lots:

- Grass Field Lot south of the football field
- Rugby Field south of the Jesuit Chapel

Following are the results of these surveys.

# Survey on August 19, 2023 (No Football Game)

These surveys were conducted between approximately 5:30 p.m. and 6:00 p.m. on a Saturday night. It should be noted that there was a youth football game at the time of the survey. These surveys which are summarized in the table below included the follow number of parked vehicles:

- On-site at Jesuit lots 143 vehicles
- ➤ American River Drive 4 vehicles

490 Mendocino Avenue, Suite 201 Santa Rosa, CA 95401 707.542.9500 w-trans.com

SANTA ROSA · OAKLAND

- Piccadilly Circle 8 vehicles
- Streets south of American River Drive 27 vehicles

## Survey on September 1, 2023 (Night Football Game)

The football game started at 7:00 p.m. on this Friday evening. The final estimated paid attendance was 2,200 people not including players, coaches and on-field staff. Surveys were conducted during the second quarter of the game. These surveys which are summarized in the table below included the follow number of parked vehicles:

- On-site at Jesuit lots 607 vehicles
- ➤ American River Drive 79 vehicles
- ➤ Piccadilly Circle 6 vehicles
- Streets south of American River Drive 35 vehicles

Based on our observations and comparison with the earlier data, we estimate that approximately 686 vehicles including those on-site plus those on American River Drive were related to the football game attendance. Using this estimate, it would result in a vehicle occupancy of 3.22 people per vehicle which is a reasonable vehicle occupancy for events such as this.

Table 1 - Parking Surveys

Parking Area	8/19/23 - No Football Event	9/1/23 – Night Football vs. St. Ignatius
On site – north of Chapel	20	113
On site – south of Chapel	123	252
On site – south of field	0 (closed)	9
On site (grass) – south of field	0 (closed)	36
On site (grass) – rugby field	0 (closed)	197
Total on-site	143	607
American River Drive (Piccadilly Cir W to Jacob)	4	79
Piccadilly Circle	8	6
South of American River Dr (Whitehall Way to Jacob Ln)	27	35

### **Findings**

• The signage board information program employed by the School to discourage game attendees from parking on adjacent neighborhood streets appeared to be quite successful. The only public street which appeared to have experienced an increase in parking due to the night football game was American River Drive.



- The night football event on September 1, 2023 had virtually no parking impact on local residential streets surrounding the school. The only street impacted was American River Drive which is classified as a collector street.
- Event parking entrance signs were placed on American River Drive only for westbound traffic. Signage for both directions would be beneficial.
- Event parking geometrics on the rugby field resulted in very narrow aisles which limited vehicle accessibility.
- A No Left-turn sign at the south end of the service aisle west of the football field was placed at the begging of the game which prohibited traffic from accessing the event parking entrance off of American River Drive, east of the service entrance.

#### Recommendations

- Jesuit High School should continue to employ the signage board information program to discourage game attendees from parking on adjacent neighborhood streets.
- Event parking entrance signs on American River Drive should be provided for both eastbound and westbound drivers. Also, team bus parking on American River Drive should be moved slightly to the west so that sight lines of the event parking entrance are not impacted.
- Event parking geometrics on the rugby field should be adjusted to ensure that large vehicles can travel in the aisles between parking and have adequate space to pull in or back out of spaces.
- The No Left-turn sign at the south end of the service aisle west of the football field should only be placed in the second half of the game, so that drivers who have left the main lot north of the field can access the event parking entrance off of American River Drive, east of the service entrance.

For questions regarding this parking analysis, I can be reached at our Santa Rosa office at 707-542-9500.

SJW/SAX999.M1