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Traffic Impact Study



January 28, 2026

Mr. Scott Greenwood-Meinert
Coblentz Patch Duffy & Bass LLP
700 Main Street, Suite 301
Napa, CA 94559

Transportation Impact Study for the Paloma Vineyard Project

Dear Mr. Greenwood-Meinert;

W-Trans has completed an evaluation of the potential transportation impacts associated with the proposed changes to the Conditional Use Permit (CUP) for Paloma Vineyard located at 4013 Spring Mountain Road in the County of Napa. We understand that the project as proposed was initiated under the County's amnesty program to legitimize long-term operations that were out of synch with the project's CUP. The purpose of this letter is to address potential transportation impacts as identified in a memorandum from Anna Vickroy of TJKM to PBES Staff dated February 15, 2024.

Project Description

The project as proposed was initiated under the County's amnesty program to legitimize long-term operation that was out of synch with the project's Use Permit. The proposed modification to the CUP includes an increase from one full-time employee to two, though there are currently no employees beyond the applicant who lives on the site, and an increase in visitation from 2 guests per day to 22 daily visitors on weekdays and 44 on Saturday; the winery would be closed on Sunday. No changes in production or the number of part-time staff are proposed.

Setting

The study area consists of the section of Spring Mountain Road fronting the project site and the project access point. Traffic speed and volume data were collected near the project driveway on Spring Mountain Road for a period of 48 hours, on Friday, July 26 and Saturday, July 27, 2024. A copy of the traffic data is enclosed.

Trip Generation

The County of Napa's Winery Traffic Information/Trip Generation Sheet was used to determine the anticipated trip generation for the permitted and proposed conditions. The form estimates the number of daily trips for weekdays and Saturdays based on the number of full- and part-time employees, maximum daily visitors, and production.

Based on the change in staffing and visitation, during harvest the winery would be expected to generate 26 daily trips on weekdays compared to 8 trips for conditions under the current CUP. Similarly, on Saturdays the increase in visitation and staffing would result in 41 trips, while there are 8 trips currently permitted. As shown in Table 1, this would result in a net increase of 18 trips per weekday and 33 trips per weekend day. Under the County's policies, because the project would result in fewer than 110 additional daily trips, an operational study is not required. A copy of the worksheet is enclosed for reference.

Table 1 – Trip Generation Summary (Harvest Conditions)

Scenario	Daily		Peak Hour	
	Weekday	Weekend	Weekday (PM)	Weekend (MD)
Permitted	8	8	3	3
<i>Proposed</i>	26	41	10	22
Net Winery Increase	18	33	7	19
<i>Residence</i>	10	6	1	0
Total Driveway Trips	38	39	8	19

For the purpose of evaluating the total volume of traffic entering and exiting the site, the trips associated with the existing residence were also considered. Standard trip generation rates for a single-family residence published in the *Trip Generation Manual*, 11th Edition, 2021, were applied. As shown in Table 1, the combined trip generation for the winery operating under the proposed Use Permit and the residence is 39 trips per day.

Given the location of the project site, it was assumed that all trips would be from/to the east on Spring Mountain Road.

Access

The need for a northbound left-turn lane on Spring Mountain Road at the project driveway was evaluated based on the County of Napa's published guidance. A left-turn lane meets the warrant when the point indicating the daily traffic volume versus the driveway volume plots above the curve indicated on the Left Turn Lane Warrant Graph from the *Napa County Road and Street Standards* and is unwarranted if the value plots below the curve.

Counts were obtained just south of the project driveway for a period of 48 hours including a Friday and a Saturday. On Friday, the roadway daily volume was 676 vehicles and on Saturday, the total volume was 370 vehicles. The driveway daily volume with the project would be 38 on weekdays and 39 on Saturdays. Based on the daily roadway volumes and project driveway volumes for both weekdays and weekends, a left-turn lane is not warranted. Copies of the County's graphs are enclosed.

Sight Distance

Sight distance along Spring Mountain Road at the project driveway was evaluated based on sight distance criteria contained in the *Highway Design Manual* published by Caltrans. The recommended sight distance at rural driveways is based on stopping sight distances with the approach travel speeds used as the basis for determining the recommended sight distance. A speed survey was conducted to sample traffic speeds at the location of the proposed driveway on Spring Mountain Road. It was determined that the critical, or 85th percentile, speed of the traffic flow was 36 mph in the eastbound direction and 35 mph in the westbound direction on Friday, and 34 mph in either direction on Saturday. For a design speed of 35 mph the minimum stopping sight distance needed is 250 feet in each direction. Based on aerial imagery, sight lines for traffic turning out of the project site extend more than 300 feet from the driveway in either direction, which is adequate for 40 mph. Since the available sight lines exceed the recommended minimum sight distance and meet the required sight distance even for the 95th percentile speed measured, sight lines are adequate to accommodate all turns out of the project driveway. A sight distance exhibit is enclosed.

Conclusions and Recommendations

- The proposed winery currently generates eight trips on a daily basis and is expected to generate 26 trips on weekdays and 41 trips on Saturdays with the proposed change in use. The combined trip generation for the winery and the residence would be 38 trips per day on weekdays and 39 daily trips on Saturdays.
- A left-turn lane is not warranted on Spring Mountain Road at the project driveway based on daily roadway and driveway volumes.
- Adequate sight distances are available at the project driveway on Spring Mountain Road.

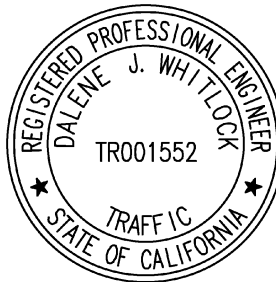
Thank you for giving us the opportunity to provide these services.

Sincerely,



Dalene J. Whitlock, PE (Civil, Traffic), PTOE
Senior Principal

DJW/djw/NAX193.L1



Enclosure: Traffic Data, Winery Trip Generation Worksheet, Napa County Left-Turn Lane Warrant Graphs, Sight Distance Exhibit

SPEED
Spring Mountain Rd E/O Langtry Rd

Day: Friday
Date: 7/26/2024

City: St Helena
Project #: CA24_080192_001

Time	EASTBOUND														Total	WESTBOUND														Total	TOTALS														Total
	5	15	20	25	30	35	40	45	50	55	60	65	70	5		15	20	25	30	35	40	45	50	55	60	65	70	5	15		20	25	30	35	40	45	50	55	60	65	70				
	15	20	25	30	35	40	45	50	55	60	65	70	15	20		25	30	35	40	45	50	55	60	65	70	15	20	25	30		35	40	45	50	55	60	65	70							
HOURLY BREAKDOWN	0:00	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3		
	1:00	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	0	3	1	0	0	0	0	0	0	0	0	4				
	2:00	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	0	1	3	0	0	0	0	0	0	0	4				
	3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	2				
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	5:00	0	0	1	1	4	4	0	0	0	0	0	0	10	0	0	1	3	7	3	1	0	0	0	0	0	15	0	0	2	4	11	7	1	0	0	0	0	0	0	25				
	6:00	0	0	0	0	9	6	2	0	0	0	0	0	17	0	0	3	5	5	0	0	0	0	0	0	0	13	0	0	3	5	14	6	2	0	0	0	0	0	0	30				
	7:00	0	0	0	3	5	2	1	0	0	0	0	0	11	0	1	1	4	1	2	0	0	0	0	0	0	9	0	1	1	7	6	4	1	0	0	0	0	0	0	20				
	8:00	0	0	7	3	14	2	1	0	0	0	0	0	27	1	1	0	7	5	5	0	0	0	0	0	0	19	1	1	7	10	19	7	1	0	0	0	0	0	0	46				
	9:00	0	0	1	4	2	5	3	0	0	0	0	0	15	0	0	3	13	7	1	1	0	0	0	0	0	25	0	0	4	17	9	6	4	0	0	0	0	0	0	40				
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	11:00	0	1	6	16	6	0	0	0	0	0	0	0	29	0	0	3	10	6	2	1	0	0	0	0	0	22	0	0	1	9	26	12	2	1	0	0	0	0	0	51				
	12:00	0	0	5	7	6	2	0	0	0	0	0	0	20	1	2	2	8	10	2	0	0	0	0	0	0	25	1	2	7	15	16	4	0	0	0	0	0	0	0	45				
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Totals	0	4	39	94	112	43	11	0	0	0	0	0	303	2	7	36	141	127	46	14	0	0	0	0	0	373	2	11	75	235	239	89	25	0	0	0	0	0	0	0	0	676			
% of Totals		1%	13%	31%	37%	14%	4%						100%	1%	2%	10%	38%	34%	12%	4%						100%	2%	2%	11%	35%	35%	13%	4%											100%	

STATISTICS	00:00 - 12:00		EASTBOUND														WESTBOUND														TOTAL															
	Volume	%	0	1	15	34	45	27	9	0	0	0	0	0	0	131	1	2	17	58	40	16	5	0	0	0	0	0	0	139	1	3	32	92	85	43	14	0	0	0	0	0	0	270		
	Peak Hour	%	0:00	10:45	11:30	11:00	8:00	6:00	8:45	0:00	0:00	0:00	0:00	0:00	0:00	10:45	7:15	6:30	9:45	9:30	11:45	7:30	10:15	0:00	0:00	0:00	0:00	0:00	0:00	9:30	7:15	11:15	11:30	11:15	8:00	8:45	8:45	0:00	0:00	0:00	0:00	0:00	0:00	0:00	11:00	
	Peak Volume	%	0	1	8	16	14	6	3	0	0	0	0	0	0	29	1	1	7	18	11	5	3	0	0	0	0	0	0	29	1	2	10	28	19	8	4	0	0	0	0	0	0	51		
	12:00 - 24:00	%	0	3	24	60	67	16	2	0	0	0	0	0	0	29	1	5	19	83	87	30	9	0	0	0	0	0	234	1	8	43	143	154	46	11	0	0	0	0	0	0	406			
	Peak Hour	%	12:00	14:15	16:00	14:00	15:15	14:15	14:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	15:00	15:00	15:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	14:15	14:00	14:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	134%	
	Peak Volume	%	0	1	6	12	18	5	1	0	0	0	0	0	0	37	1	2	6	29	23	14	7	0	0	0	0	0	71	1	3	11	38	40	17	7	0	0	0	0	0	0	103			
	07:00 - 09:00	%	0	0	7	6	19	4	2	0	0	0	0	0	0	38	1	2	6	29	23	14	7	0	0	0	0	0	28	1	2	8	17	25	11	2	0	0	0	0	0	0	66			
	Peak Hour	%	7:00	7:00	7:45	7:45	8:00	7:15	7:15	7:00	7:00	7:00	7:00	7:00	7:00	8:00	7:15	7:00	7:00	8:00	7:45	7:30	7:00	7:00	7:00	7:00	7:00	7:00	8:00	7:15	7:00	7:45	7:30	8:00	8:00	7:15	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	8:00	22%
	Peak Volume	%	0	0	7	5	14	3	2	0	0	0	0	0	0	27	1	1	1	7	5	9	0	0	0	0	0	0	19	1	1	10	19	10	7	2	0	0	0	0	0	0	45			
16:00 - 18:00	%	0	0	0	18	29	6	1	0	0	0	0	0	0	54	0	0	7	23	32	9	0	0	0	0	0	0	71	0	0	17	41	61	15	1	0	0	0	0	0	43%					
Peak Hour	%	0	0	3%	6%	10%	2%	0%	0%	0%	0%	0%	0%	0%	21%	0%	0%	2%	8%	11%	3%	0%	0%	0%	0%	0%	0%	23%	0%	0%	6%	14%	20%	5%	0%	0%	0%	0%	0%	0%	45%					
Peak Volume	%	16:00	16:00	16:00	16:45	16:30	16:45	16:45	16:00	16:00	16:00	16:00	16:00	16:00	16:45	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:15	16:00	16:45	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	85		

SPEED
Spring Mountain Rd E/O Langtry Rd

Day: Friday
Date: 7/26/2024

City: St Helena
Project #: CA24_080192_001

	Time	EASTBOUND												Total	WESTBOUND												Total	TOTALS												Total			
		5 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70		70 99	5 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65		65 70	70 99	5 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60		60 65	65 70	70 99
15-MINUTE BREAKDOWN	0:00	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
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	6:00	0	0	0	0	1	2	1	0	0	0	0	0	0	4	0	0	1	1	1	0	0	0	0	0	0	0	3	0	0	1	1	2	2	1	0	0	0	0	0	0	7	
	6:15	0	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	1	0	4	0	0	0	0	0	0	0	0	5	
	6:30	0	0	0	0	3	3	0	0	0	0	0	0	0	6	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	4	3	0	0	0	0	0	0	0	7	
	6:45	0	0	0	0	2	1	1	0	0	0	0	0	0	4	0	0	1	4	2	0	0	0	0	0	0	0	7	0	0	1	4	4	1	1	0	0	0	0	0	0	11	
	7:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	3	
	7:15	0	0	0	0	1	2	1	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	2	1	0	0	0	0	0	0	5	
	7:30	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	3	0	1	0	0	0	0	0	0	4	0	0	0	3	1	1	0	0	0	0	0	0	0	5	
	7:45	0	0	0	2	2	0	0	0	0	0	0	0	0	4	0	0	0	1	1	1	0	0	0	0	0	0	3	0	0	0	3	3	1	0	0	0	0	0	0	0	7	
8:00	0	0	2	1	2	1	1	0	0	0	0	0	0	7	1	0	0	0	2	1	0	0	0	0	0	0	4	1	0	2	1	4	2	1	0	0	0	0	0	0	11		
8:15	0	0	4	1	3	0	0	0	0	0	0	0	0	8	0	0	0	2	1	2	0	0	0	0	0	0	5	0	0	4	3	4	2	0	0	0	0	0	0	0	13		
8:30	0	0	1	1	5	0	0	0	0	0	0	0	0	7	0	1	0	1	1	1	0	0	0	0	0	0	4	0	1	1	2	6	1	0	0	0	0	0	0	0	11		
8:45	0	0	0	0	4	1	0	0	0	0	0	0	0	5	0	0	0	4	1	1	0	0	0	0	0	0	6	0	0	0	4	5	2	0	0	0	0	0	0	0	11		
9:00	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	4	2	1	0	0	0	0	0	0	7	0	0	0	4	3	1	1	0	0	0	0	0	9			
9:15	0	0	0	0	0	2	1	0	0	0	0	0	0	3	0	0	0	1	3	0	0	0	0	0	0	0	4	0	0	0	1	3	2	1	0	0	0	0	0	0	7		
9:30	0	0	0	2	0	3	1	0	0	0	0	0	0	6	0	0	0	6	2	0	1	0	0	0	0	0	9	0	0	0	8	2	3	2	0	0	0	0	0	0	15		
9:45	0	0	1	2	1	0	0	0	0	0	0	0	0	4	0	0	3	2	0	0	0	0	0	0	0	0	5	0	0	4	4	1	0	0	0	0	0	0	0	0	9		
10:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	2	5	1	1	0	0	0	0	0	0	9	0	0	2	6	2	1	0	0	0	0	0	0	0	11		
10:15	0	0	0	1	0	2	0	0	0	0	0	0	0	3	0	0	1	5	0	0	0	0	0	0	0	0	6	0	0	1	6	0	2	0	0	0	0	0	0	9			
10:30	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0																											

SPEED
Spring Mountain Rd E/O Langtry Rd

Day: Friday
Date: 7/26/2024

City: St Helena
Project #: CA24_080192_001

	Time	EASTBOUND														Total	WESTBOUND														Total	TOTALS														Total
		5 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 99	5 15		15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 99	5 15	15 20		20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 99				
15-MINUTE BREAKDOWN	12:00	0	0	2	1	1	0	0	0	0	0	0	0	4	0	1	1	4	0	1	0	0	0	0	0	0	0	7	0	1	3	5	1	1	0	0	0	0	0	0	0	0	0	0	11	
	12:15	0	0	2	2	1	1	0	0	0	0	0	0	6	0	0	0	1	2	1	0	0	0	0	0	0	0	4	0	0	2	3	3	2	0	0	0	0	0	0	0	0	0	10		
	12:30	0	0	1	2	3	1	0	0	0	0	0	0	7	0	0	1	1	7	0	0	0	0	0	0	0	0	9	0	0	2	3	10	1	0	0	0	0	0	0	0	0	16			
	12:45	0	0	0	2	1	0	0	0	0	0	0	0	3	1	1	0	2	1	0	0	0	0	0	0	0	0	5	1	1	0	4	2	0	0	0	0	0	0	0	0	0	8			
	13:00	0	0	0	1	2	0	0	0	0	0	0	0	3	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	1	0	1	3	0	0	0	0	0	0	0	0	0	5			
	13:15	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	0	1	1	0	1	0	0	0	0	0	0	3	0	0	2	2	0	1	0	0	0	0	0	0	0	5				
	13:30	0	0	2	2	1	1	0	0	0	0	0	0	6	0	0	1	1	1	0	0	0	0	0	0	0	0	3	0	0	3	3	2	1	0	0	0	0	0	0	0	9				
	13:45	0	0	1	2	1	0	0	0	0	0	0	0	4	0	0	1	0	2	0	0	0	0	0	0	0	0	3	0	0	2	2	3	0	0	0	0	0	0	0	0	7				
	14:00	0	0	1	2	0	1	0	0	0	0	0	0	4	0	0	1	3	1	1	0	0	0	0	0	0	0	6	0	0	2	5	1	2	0	0	0	0	0	0	0	10				
	14:15	0	0	1	2	2	0	0	0	0	0	0	0	5	0	2	0	1	2	0	0	0	0	0	0	0	0	5	0	2	1	3	4	0	0	0	0	0	0	0	0	0	10			
	14:30	0	0	1	3	1	0	0	0	0	0	0	0	5	0	0	1	9	1	0	0	0	0	0	0	0	0	11	0	0	2	12	2	0	0	0	0	0	0	0	0	0	16			
	14:45	0	0	0	5	1	0	1	0	0	0	0	0	7	0	0	1	4	7	5	1	0	0	0	0	0	0	18	0	0	1	9	8	5	2	0	0	0	0	0	0	0	0	25		
	15:00	0	1	0	2	4	1	0	0	0	0	0	0	8	0	0	0	4	4	9	4	0	0	0	0	0	0	21	0	1	0	6	8	10	4	0	0	0	0	0	0	0	29			
	15:15	0	0	0	2	5	1	0	0	0	0	0	0	8	0	0	0	6	3	0	0	0	0	0	0	0	0	9	0	0	0	8	8	1	0	0	0	0	0	0	0	17				
	15:30	0	0	1	3	4	1	0	0	0	0	0	0	9	0	0	1	12	7	0	1	0	0	0	0	0	0	21	0	0	2	15	11	1	1	0	0	0	0	0	0	30				
	15:45	0	0	0	2	4	1	0	0	0	0	0	0	7	0	0	1	7	9	1	2	0	0	0	0	0	0	20	0	0	1	9	13	2	2	0	0	0	0	0	0	27				
	16:00	0	0	1	2	5	1	0	0	0	0	0	0	9	0	0	0	3	1	2	0	0	0	0	0	0	0	6	0	0	1	5	6	3	0	0	0	0	0	0	0	15				
	16:15	0	0	1	4	3	0	0	0	0	0	0	0	8	0	0	3	3	5	3	0	0	0	0	0	0	0	14	0	0	4	7	8	3	0	0	0	0	0	0	0	22				
	16:30	0	0	2	0	4	0	0	0	0	0	0	0	6	0	0	2	9	6	1	0	0	0	0	0	0	0	18	0	0	4	9	10	1	0	0	0	0	0	0	0	24				
	16:45	0	0	2	2	4	2	0	0	0	0	0	0	10	0	0	0	2	11	1	0	0	0	0	0	0	0	14	0	0	2	4	15	3	0	0	0	0	0	0	0	24				
	17:00	0	0	1	2	6	1	0	0	0	0	0	0	10	0	0	0	2	1	0	0	0	0	0	0	0	0	3	0	0	1	4	7	1	0	0	0	0	0	0	0	13				
	17:15	0	0	0	4	4	1	0	0	0	0	0	0	9	0	0	0	4	2	0	0	0	0	0	0	0	0	6	0	0	0	8	6	1	0	0	0	0	0	0	0	15				
	17:30	0	0	2	2	2	1	1	0	0	0	0	0	8	0	0	0	2	3	0	0	0	0	0	0	0	0	3	0	0	2	2	5	1	1	0	0	0	0	0	0	11				
	17:45	0	0	1	2	1	0	0	0	0	0	0	0	4	0	0	2	0	3	2	0	0	0	0	0	0	0	7	0	0	3	2	4	2	0	0	0	0	0	0	0	11				
	18:00	0	1	0	1	1	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	4				
	18:15	0	0	0	2	1	1	0	0	0	0	0	0	4	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	0	3	1	2	0	0	0	0	0	0	0	0	6			
	18:30	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	3				
	18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	19:00	0	1	0	2	1	0	0	0	0	0	0	0	4	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	1	0	3	1	1	0	0	0	0	0	0	0	0	6			
	19:15	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2				
	19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			
	19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2			
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0				
	20:15	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1				
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
	20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0	0	0	0	0	2			
21:30	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1				
21:45	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2				
22:00	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3				
22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	2					
22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1					
22:45	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1					
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</										

VOLUME**Spring Mountain Rd E/O Langtry Rd**

Day: Friday

Date: 7/26/2024

City: St Helena

Project #: CA24_080192_001

DAILY TOTALS						NB	SB	EB	WB	Total	DAILY TOTALS						
						0	0	303	373	676							
15-Minutes Interval											Hourly Intervals						
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
0:00			1	0	1	12:00			4	7	11	00:00	01:00		2	1	3
0:15			0	0	0	12:15			6	4	10	01:00	02:00		2	2	4
0:30			1	0	1	12:30			7	9	16	02:00	03:00		2	2	4
0:45			0	1	1	12:45			3	5	8	03:00	04:00		0	2	2
1:00			1	1	2	13:00			3	2	5	04:00	05:00		2	3	5
1:15			0	0	0	13:15			2	3	5	05:00	06:00		10	15	25
1:30			1	0	1	13:30			6	3	9	06:00	07:00		17	13	30
1:45			0	1	1	13:45			4	3	7	07:00	08:00		11	9	20
2:00			1	0	1	14:00			4	6	10	08:00	09:00		27	19	46
2:15			0	1	1	14:15			5	5	10	09:00	10:00		15	25	40
2:30			1	0	1	14:30			5	11	16	10:00	11:00		14	26	40
2:45			0	1	1	14:45			7	18	25	11:00	12:00		29	22	51
3:00			0	1	1	15:00			8	21	29	12:00	13:00		20	25	45
3:15			0	0	0	15:15			8	9	17	13:00	14:00		15	11	26
3:30			0	0	0	15:30			9	21	30	14:00	15:00		21	40	61
3:45			0	1	1	15:45			7	20	27	15:00	16:00		32	71	103
4:00			0	0	0	16:00			9	6	15	16:00	17:00		33	52	85
4:15			0	0	0	16:15			8	14	22	17:00	18:00		31	19	50
4:30			0	0	0	16:30			6	18	24	18:00	19:00		9	4	13
4:45			2	3	5	16:45			10	14	24	19:00	20:00		6	4	10
5:00			4	4	8	17:00			10	3	13	20:00	21:00		1	0	1
5:15			4	3	7	17:15			9	6	15	21:00	22:00		2	3	5
5:30			0	4	4	17:30			8	3	11	22:00	23:00		2	5	7
5:45			2	4	6	17:45			4	7	11	23:00	00:00		0	0	0
6:00			4	3	7	18:00			3	1	4	STATISTICS					
6:15			3	2	5	18:15			4	2	6		NB	SB	EB	WB	TOTAL
6:30			6	1	7	18:30			2	1	3	Peak Period	00:00	to	12:00		
6:45			4	7	11	18:45			0	0	0	Volume			131	139	270
7:00			2	1	3	19:00			4	2	6	Peak Hour			10:45	9:30	11:00
7:15			4	1	5	19:15			2	0	2	Peak Volume			29	29	51
7:30			1	4	5	19:30			0	0	0	Peak Hour Factor			0.906	0.806	0.911
7:45			4	3	7	19:45			0	2	2						
8:00			7	4	11	20:00			0	0	0	Peak Period	12:00	to	00:00		
8:15			8	5	13	20:15			1	0	1	Volume			172	234	406
8:30			7	4	11	20:30			0	0	0	Peak Hour			16:45	15:00	15:00
8:45			5	6	11	20:45			0	0	0	Peak Volume			37	71	103
9:00			2	7	9	21:00			0	0	0	Peak Hour Factor			0.925	0.845	0.858
9:15			3	4	7	21:15			0	2	2						
9:30			6	9	15	21:30			1	0	1	Peak Period	07:00	to	09:00		
9:45			4	5	9	21:45			1	1	2	Volume			38	28	66
10:00			2	9	11	22:00			1	2	3	Peak Hour			8:00	8:00	8:00
10:15			3	6	9	22:15			0	2	2	Peak Volume			27	19	46
10:30			1	6	7	22:30			0	1	1	Peak Hour Factor			0.844	0.792	0.885
10:45			8	5	13	22:45			1	0	1						
11:00			8	4	12	23:00			0	0	0	Peak Period	16:00	to	18:00		
11:15			7	7	14	23:15			0	0	0	Volume			64	71	135
11:30			6	5	11	23:30			0	0	0	Peak Hour			16:45	16:00	16:00
11:45			8	6	14	23:45			0	0	0	Peak Volume			37	52	85
TOTALS	0	0	131	139	270	TOTALS	0	0	172	234	406	Peak Hour Factor			0.925	0.722	0.885
SPLIT %	0%	0%	49%	51%	40%	SPLIT %	0%	0%	42%	58%	60%						

SPEED
Spring Mountain Rd E/O Langtry Rd

Day: Saturday
Date: 7/27/2024

City: St Helena
Project #: CA24_080192_001

	Time	EASTBOUND														Total	WESTBOUND														Total	TOTALS														Total
		5	15	20	25	30	35	40	45	50	55	60	65	70	5		15	20	25	30	35	40	45	50	55	60	65	70	5	15		20	25	30	35	40	45	50	55	60	65	70				
		15	25	30	35	40	45	50	55	60	65	70	99	15	20		25	30	35	40	45	50	55	60	65	70	99	15	20	25		30	35	40	45	50	55	60	65	70	99					
HOURLY BREAKDOWN	0:00	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3			
	1:00	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3				
	2:00	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2				
	3:00	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3				
	4:00	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	1	0	2	0	0	0	0	0	0	0	0	0	3				
	5:00	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	1	5	3	2	0	0	0	0	0	0	11	0	0	1	5	4	3	0	0	0	0	0	0	0	0	13				
	6:00	0	0	0	3	1	1	0	0	0	0	0	0	5	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	3	1	2	0	0	0	0	0	0	0	6					
	7:00	0	0	1	3	0	0	0	0	0	0	0	0	4	0	1	0	2	0	1	0	0	0	0	0	0	4	0	1	1	5	0	1	0	0	0	0	0	0	0	8					
	8:00	0	0	0	6	1	1	0	0	0	0	0	0	8	0	0	1	2	5	2	0	0	0	0	0	0	10	0	0	1	8	6	3	0	0	0	0	0	0	0	18					
	9:00	0	0	3	2	3	1	0	0	0	0	0	0	9	0	0	4	6	4	0	0	0	0	0	0	0	14	0	0	7	8	7	1	0	0	0	0	0	0	0	23					
	10:00	0	0	1	2	7	1	0	0	0	0	0	0	11	0	1	4	6	4	1	0	0	0	0	0	0	14	0	1	5	9	8	2	0	0	0	0	0	0	0	25					
	11:00	0	0	1	8	3	0	0	0	0	0	0	0	12	0	0	1	6	3	2	0	0	0	0	0	0	12	0	0	2	14	6	2	0	0	0	0	0	0	0	24					
	12:00	0	1	6	8	4	0	0	1	0	0	0	0	20	0	1	4	5	5	0	0	0	0	0	0	0	15	0	2	10	13	9	0	0	1	0	0	0	0	0	35					
	13:00	0	1	1	5	5	0	0	0	0	0	0	0	12	1	0	1	4	1	1	1	0	0	0	0	0	9	1	1	2	9	6	1	1	0	0	0	0	0	0	21					
	14:00	1	0	3	7	3	3	1	1	0	0	0	0	19	0	0	8	11	0	0	0	0	0	0	0	0	19	1	0	11	18	3	3	1	1	0	0	0	0	0	38					
	15:00	0	1	1	3	4	0	1	0	0	0	0	0	10	0	0	3	9	5	0	0	0	0	0	0	0	17	0	1	4	12	9	0	1	0	0	0	0	0	0	27					
	16:00	0	0	5	8	8	0	1	1	0	0	0	0	23	0	0	2	3	1	0	0	0	0	0	0	0	6	0	0	7	11	9	0	1	1	0	0	0	0	0	29					
17:00	0	0	2	10	7	2	0	0	0	0	0	0	21	0	0	0	7	5	1	0	0	0	0	0	0	13	0	0	2	17	12	3	0	0	0	0	0	0	0	34						
18:00	0	0	1	3	2	4	0	0	0	0	0	0	10	0	0	0	4	5	1	0	0	0	0	0	0	10	0	0	1	7	7	5	0	0	0	0	0	0	0	20						
19:00	0	0	3	2	3	0	0	0	0	0	0	0	8	0	0	0	2	2	0	1	0	0	0	0	0	5	0	0	3	4	5	0	1	0	0	0	0	0	13							
20:00	0	0	0	0	3	1	0	0	0	0	0	0	4	0	0	0	0	0	1	1	0	0	0	0	0	2	0	0	0	0	3	2	1	0	0	0	0	0	0	6						
21:00	0	0	2	1	0	0	1	0	0	0	0	0	4	0	0	0	2	1	0	0	0	0	0	0	0	3	0	0	2	3	1	0	1	0	0	0	0	0	0	7						
22:00	0	0	1	0	2	0	0	0	0	0	0	0	3	0	0	0	0	4	0	0	0	0	0	0	0	4	0	0	1	0	6	0	0	0	0	0	0	0	0	7						
23:00	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2					
Totals	1	3	32	74	61	15	4	3	0	0	0	0	193	1	3	32	78	47	13	3	0	0	0	0	0	177	2	6	64	152	108	28	7	3	0	0	0	0	0	0	370					
% of Totals	1%	2%	17%	38%	32%	8%	2%	2%					100%	1%	2%	18%	44%	27%	7%	2%					100%	1%	2%	17%	41%	29%	8%	2%	1%								100%					

STATISTICS	00:00 - 12:00	0	0	7	26	20	5	0	0	0	0	0	0	0	58	0	2	14	30	18	9	0	0	0	0	0	0	73	0	2	21	56	38	14	0	0	0	0	0	0	131
	%	0%	0%	4%	13%	10%	3%	0%	0%	0%	0%	0%	0%	0%	30%	0%	1%	7%	16%	9%	5%	0%	0%	0%	0%	0%	0%	38%	0%	1%	11%	29%	20%	7%	0%	0%	0%	0%	0%	68%	
	Peak Hour	0:00	11:30	11:45	11:15	9:30	8:30	0:00	11:30	0:00	0:00	0:00	0:00	0:00	11:45	0:00	6:15	9:15	10:15	8:15	10:15	0:00	0:00	0:00	0:00	0:00	10:15	0:00	0:00	6:15	11:45	11:00	9:30	8:30	0:00	11:30	0:00	0:00	0:00	0:00	11:45
	Peak Volume	0	1	7	9	8	2	0	1	0	0	0	0	0	22	0	1	5	9	6	3	0	0	0	0	0	0	19	0	1	11	14	11	4	0	1	0	0	0	33	
	12:00 - 24:00	1	3	25	48	41	10	4	3	0	0	0	0	3	70%	1%	1%	18	48	29	4	3	0	0	0	0	104	2	4	43	96	70	14	7	3	0	0	0	239		
%	1%	2%	13%	25%	21%	5%	2%	2%	0%	0%	0%	0%	70%	1%	1%	9%	25%	15%	2%	2%	0%	0%	0%	0%	0%	54%	1%	2%	22%	50%	36%	7%	4%	2%	0%	0%	0%	124%			
Peak Hour	13:15	12:00	12:00	12:30	15:30	17:30	13:45	12:00	12:00	12:00	12:00	12:00	16:00	13:00	12:00	14:00	14:15	17:15	13:00	13:00	12:00	12:00	12:00	12:00	12:00	14:15	13:15	12:00	12:15	14:15	17:15	17:45	13:45	12:00	12:00	12:00	12:00	12:00	14:15		
Peak Volume	1	1	6	10	9	6	1	1	0	0	0	0	23	1	1	8	15	8	1	1	0	0	0	0	0	25	2	2	11	20	14	7	2	1	0	0	0	0	39		
07:00 - 09:00	0	0	1	9	1	1	0	0	0	0	0	0	12	0	1	1	4	5	3	0	0	0	0	0	0	14	0	1	2	13	6	4	0	0	0	0	0	0	26		
%	0%	0%	1%	5%	1%	1%	0%	0%	0%	0%	0%	0%	6%	0%	1%	1%	2%	3%	2%	0%	0%	0%	0%	0%	0%	7%	0%	1%	1%	7%	3%	2%	0%	0%	0%	0%	0%	13%			
Peak Hour	7:00	7:00	7:00	7:45	7:15	8:00	7:00	7:00	7:00	7:00	7:00	7:00	7:45	7:00	7:00	8:00	7:00	8:00	7:45	7:00	7:00	7:00	7:00	7:00	7:00	8:00	7:00	7:00	7:00	8:00	8:00	7:00	7:00	7:00	7:00	7:00	7:00	8:00			
Peak Volume	0	0	1	6	1	1	0	0	0	0	0	0	8	0	1	1	2	5	2	0	0	0	0	0	0	10	0	1	1	8	6	3	0	0	0	0	0	0	18		
16:00 - 18:00	0	0	7	18	15	2	1	1	0	0	0	0	44	0	0	2	10	6	1	0	0	0	0	0	0	0	19	0	0	9	28	21	3	1	1	0	0	0	63		
%	0%	0%	4%	9%	8%	1%	1%	1%	0%	0%	0%	0%	23%	0%	0%	1%	5%	3%	1%	0%	0%	0%	0%	0%	0%	10%	0%	0%	5%	15%	11%	2%	1%	1%	0%	0%	0%	33%			
Peak Hour	16:00	16:00	16:45	16:15	16:00	17:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:45	16:30	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:45	16:00	16:00	16:00	17:00	17:00	17:00	16:00	16:00	16:00	16:00	16:00				

SPEED
Spring Mountain Rd E/O Langtry Rd

Day: Saturday
Date: 7/27/2024

City: St Helena
Project #: CA24_080192_001

Time	EASTBOUND														Total	WESTBOUND														Total	TOTALS														Total
	5 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 99	5 15		15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 99	5 15	15 20		20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 99				
15-MINUTE BREAKDOWN	0:00	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1				
	0:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1					
	0:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	0:45	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1					
	1:00	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2					
	1:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	1:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1						
	1:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	2:00	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1					
	2:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1					
	2:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	2:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1				
	3:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1				
	3:45	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1				
	4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1				
	4:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	4:30	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1				
	4:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				
	5:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	4	4	0	0	0	4	1	0	0	0	0	0	0	0	5			
	5:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3	3	0	0	1	1	0	0	0	0	0	0	0	3				
	5:30	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	2				
	5:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	3	3	0	0	1	1	0	0	0	0	0	0	3					
	6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	6:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	6:30	0	0	0	1	1	1	0	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	2	0	0	0	0	0	0	4				
	6:45	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2					
	7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1				
	7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	7:30	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	0	4	0	0	0	0	0	0	0	4				
	7:45	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	3				
	8:00	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2					
	8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1					
	8:30	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	5	0	1	0	0	0	0	0	0	6				
	8:45	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	1	1	4	1	0	0	0	0	0	0	7	0	0	1	2	4	2	0	0	0	0	0	0	9				
	9:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	3	1	0	0	0	0	0	0	0	4	0	0	0	3	2	0	0	0	0	0	0	0	5				
	9:15	0	0	2	0	1	1	0	0	0	0	0	0	0	4	0	0	3	0	0	0	0	0	0	0	0	0	3	0	0	5	0	1	1	0	0	0	0	0	7					
	9:30	0	0	1	1	1	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0	0	0	0	0	0	4					
	9:45	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	2	3	0	0	0	0	0	0	0	6	0	0	1	3	3	0	0	0	0	0	0	7					
	10:00	0	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	1	1	3	0	0	0	0	0	0	0	5				
	10:15	0	0	1	1	4	0	0	0	0	0	0	0	0	6	0	0	1	1	0	1	0	0	0	0	0	0	3	0	0	2	2	4	1	0	0	0	0	0	0	9				
10:30	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	2	2	1	0	0	0	0	0	0	0	5	0	0	2	3	1	1	0	0	0	0	0	7						
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	4	0	1	0	3	0	0	0	0	0	0								

SPEED
Spring Mountain Rd E/O Langtry Rd

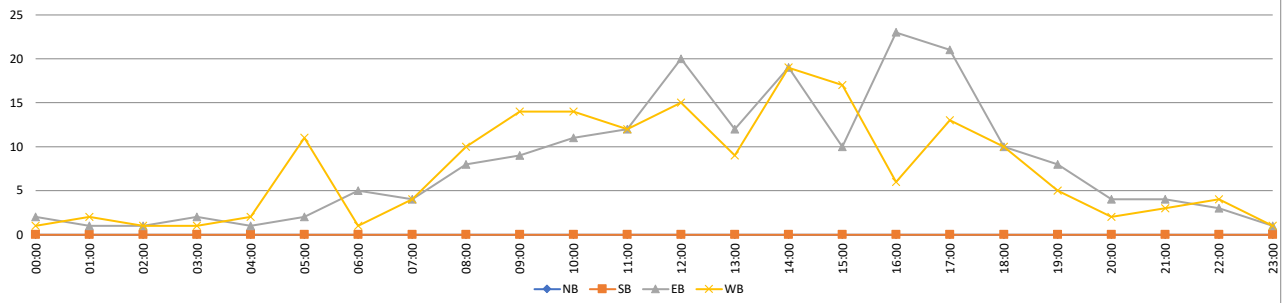
Day: Saturday
Date: 7/27/2024

City: St Helena
Project #: CA24_080192_001

	Time	EASTBOUND													Total	WESTBOUND													Total	TOTALS													Total
		5 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 99		5 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 99		5 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 99	
15-MINUTE BREAKDOWN	12:00	0	0	1	2	0	0	0	0	0	0	0	0	3	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	1	3	1	0	0	0	0	0	0	0	0	0	5
	12:15	0	1	2	0	2	0	0	1	0	0	0	0	6	0	0	3	2	0	0	0	0	0	0	0	0	0	5	0	1	5	2	2	0	0	1	0	0	0	0	0	11	
	12:30	0	0	3	2	2	0	0	0	0	0	0	0	7	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	4	2	3	0	0	0	0	0	0	0	0	0	9	
	12:45	0	0	0	4	0	0	0	0	0	0	0	0	4	0	1	0	2	3	0	0	0	0	0	0	0	0	6	0	1	0	6	3	0	0	0	0	0	0	0	0	10	
	13:00	0	0	1	2	0	0	0	0	0	0	0	0	3	0	0	1	1	1	0	0	0	0	0	0	0	0	3	0	0	2	3	1	0	0	0	0	0	0	0	0	6	
	13:15	0	0	0	2	2	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	4		
	13:30	0	0	0	1	3	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	4		
	13:45	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	0	1	1	0	0	0	0	0	0	6	1	1	0	3	0	1	1	0	0	0	0	0	0	7	
	14:00	1	0	0	2	1	1	0	1	0	0	0	0	6	0	0	3	0	0	0	0	0	0	0	0	0	0	3	1	0	3	2	1	1	0	1	0	0	0	0	0	9	
	14:15	0	0	0	2	1	1	0	0	0	0	0	0	4	0	0	3	6	0	0	0	0	0	0	0	0	0	9	0	0	3	8	1	1	0	0	0	0	0	0	0	13	
	14:30	0	0	3	1	0	1	1	0	0	0	0	0	6	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	0	3	4	0	1	1	1	0	0	0	0	0	0	9
	14:45	0	0	0	2	1	0	0	0	0	0	0	0	3	0	0	2	2	0	0	0	0	0	0	0	0	0	4	0	0	2	4	1	0	0	0	0	0	0	0	0	7	
	15:00	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2	4	3	0	0	0	0	0	0	0	0	9	0	0	2	4	4	0	0	0	0	0	0	0	0	0	10
	15:15	0	0	1	2	2	0	0	0	0	0	0	0	5	0	0	1	1	1	0	0	0	0	0	0	0	0	3	0	0	2	3	3	0	0	0	0	0	0	0	0	0	8
	15:30	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
	15:45	0	1	0	0	1	0	0	1	0	0	0	0	3	0	0	0	2	1	0	0	0	0	0	0	0	0	3	0	1	0	2	2	0	1	0	0	0	0	0	0	0	6
	16:00	0	0	0	2	4	0	0	0	0	0	0	0	6	0	0	1	2	0	0	0	0	0	0	0	0	0	3	0	0	1	4	4	0	0	0	0	0	0	0	0	0	9
	16:15	0	0	0	3	4	0	0	0	0	0	0	0	7	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	4	0	0	0	0	0	0	0	0	0	8
	16:30	0	0	1	2	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	3	
	16:45	0	0	4	1	0	0	1	1	0	0	0	0	7	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	0	4	2	1	0	1	1	0	0	0	0	0	9
	17:00	0	0	0	4	1	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	5	1	0	0	0	0	0	0	0	0	0	6
	17:15	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	1	2	1	0	0	0	0	0	0	0	4	0	0	0	1	4	1	0	0	0	0	0	0	0	0	6
	17:30	0	0	2	3	1	0	0	0	0	0	0	0	6	0	0	0	4	2	0	0	0	0	0	0	0	0	6	0	0	2	7	3	0	0	0	0	0	0	0	0	0	12
	17:45	0	0	0	3	3	2	0	0	0	0	0	0	8	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	0	4	4	2	0	0	0	0	0	0	0	0	10
	18:00	0	0	1	1	0	3	0	0	0	0	0	0	5	0	0	0	1	3	0	0	0	0	0	0	0	0	4	0	0	1	2	3	3	0	0	0	0	0	0	0	0	9
	18:15	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	3	2	0	0	0	0	0	0	0	0	5	0	0	0	4	2	1	0	0	0	0	0	0	0	0	7
	18:30	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3
	18:45	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	19:00	0	0	1	0	2	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4
	19:15	0	0	1	1	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	4
	19:30	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	3	0	0	1	1	2	0	0	0	0	0	0	0	0	0	4
	19:45	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
	20:15	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	20:45	0	0	0	0	2	1	0	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
	21:00	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
	21:15	0	0	1	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
	21:30	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3
21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22:00	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	
22:15	0	0	1	0	0	1	0	0	0	0																																	

VOLUME**Spring Mountain Rd E/O Langtry Rd**Day: Saturday
Date: 7/27/2024City: St Helena
Project #: CA24_080192_001

DAILY TOTALS							NB	SB	EB	WB	Total	DAILY TOTALS											
							0	0	193	177	370												
15-Minutes Interval												Hourly Intervals											
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL						
0:00			1	0	1	12:00			3	2	5	00:00 01:00			2	1	3						
0:15			0	1	1	12:15			6	5	11	01:00 02:00			1	2	3						
0:30			0	0	0	12:30			7	2	9	02:00 03:00			1	1	2						
0:45			1	0	1	12:45			4	6	10	03:00 04:00			2	1	3						
1:00			1	1	2	13:00			3	3	6	04:00 05:00			1	2	3						
1:15			0	0	0	13:15			4	0	4	05:00 06:00			2	11	13						
1:30			0	1	1	13:30			4	0	4	06:00 07:00			5	1	6						
1:45			0	0	0	13:45			1	6	7	07:00 08:00			4	4	8						
2:00			1	0	1	14:00			6	3	9	08:00 09:00			8	10	18						
2:15			0	1	1	14:15			4	9	13	09:00 10:00			9	14	23						
2:30			0	0	0	14:30			6	3	9	10:00 11:00			11	14	25						
2:45			0	0	0	14:45			3	4	7	11:00 12:00			12	12	24						
3:00			1	0	1	15:00			1	9	10	12:00 13:00			20	15	35						
3:15			0	0	0	15:15			5	3	8	13:00 14:00			12	9	21						
3:30			0	1	1	15:30			1	2	3	14:00 15:00			19	19	38						
3:45			1	0	1	15:45			3	3	6	15:00 16:00			10	17	27						
4:00			0	1	1	16:00			6	3	9	16:00 17:00			23	6	29						
4:15			0	0	0	16:15			7	1	8	17:00 18:00			21	13	34						
4:30			1	0	1	16:30			3	0	3	18:00 19:00			10	10	20						
4:45			0	1	1	16:45			7	2	9	19:00 20:00			8	5	13						
5:00			1	4	5	17:00			5	1	6	20:00 21:00			4	2	6						
5:15			0	3	3	17:15			2	4	6	21:00 22:00			4	3	7						
5:30			1	1	2	17:30			6	6	12	22:00 23:00			3	4	7						
5:45			0	3	3	17:45			8	2	10	23:00 00:00			1	1	2						
6:00			0	0	0	18:00			5	4	9	STATISTICS											
6:15			0	0	0	18:15			2	5	7								NB	SB	EB	WB	TOTAL
6:30			3	1	4	18:30			2	1	3							Peak Period	00:00 to 12:00				
6:45			2	0	2	18:45			1	0	1							Volume			58	73	131
7:00			0	1	1	19:00			3	1	4							Peak Hour			9:30	10:15	10:15
7:15			0	0	0	19:15			3	1	4	Peak Volume			13	19	29						
7:30			2	2	4	19:30			1	3	4	Peak Hour Factor			0.542	0.679	0.806						
7:45			2	1	3	19:45			1	0	1	Peak Period	12:00 to 00:00										
8:00			2	0	2	20:00			0	1	1	Volume			135	104	239						
8:15			0	1	1	20:15			1	0	1	Peak Hour			16:00	14:15	14:15						
8:30			4	2	6	20:30			0	0	0	Peak Volume			23	25	39						
8:45			2	7	9	20:45			3	1	4	Peak Hour Factor			0.821	0.694	0.750						
9:00			1	4	5	21:00			1	1	2	Peak Period	07:00 to 09:00										
9:15			4	3	7	21:15			2	0	2	Volume			12	14	26						
9:30			3	1	4	21:30			1	2	3	Peak Hour			7:45	8:00	8:00						
9:45			1	6	7	21:45			0	0	0	Peak Volume			8	10	18						
10:00			3	2	5	22:00			1	3	4	Peak Hour Factor			0.500	0.357	0.500						
10:15			6	3	9	22:15			2	0	2	Peak Period	16:00 to 18:00										
10:30			2	5	7	22:30			0	1	1	Volume			44	19	63						
10:45			0	4	4	22:45			0	0	0	Peak Hour			16:00	16:45	17:00						
11:00			2	7	9	23:00			1	0	1	Peak Volume			23	13	34						
11:15			1	1	2	23:15			0	0	0	Peak Hour Factor			0.821	0.542	0.708						
11:30			3	2	5	23:30			0	1	1												
11:45			6	2	8	23:45			0	0	0												
TOTALS	0	0	58	73	131	TOTALS	0	0	135	104	239												
SPLIT %	0%	0%	44%	56%	35%	SPLIT %	0%	0%	56%	44%	65%												





A Tradition of Stewardship
A Commitment to Service

WINERY TRIP GENERATION WORKSHEET

Planning, Building & Environmental Services

1195 Third Street, Suite 210

Napa, CA 94559-3082

(707) 253-4417

PROJECT DESCRIPTION

Winery Name: _____	Date Prepared: _____
---------------------------	-----------------------------

Existing/Permitted Winery		Harvest	Non-Harvest
Number of Full Time Employees*	Weekday		
	Weekend		
Number of Part Time Employees*	Weekday		
	Weekend		
Maximum Daily Visitation	Weekday		
	Weekend		
Annual Gallons of Production			
Annual Tons of Grape Haul			N/A
Number of Visitors at the Largest Event that occurs two or more times per month, on average	Weekday		
	Weekend		

Proposed Winery		Harvest	Non-Harvest
Number of Full Time Employees*	Weekday		
	Weekend		
Number of Part Time Employees*	Weekday		
	Weekend		
Maximum Daily Visitation	Weekday		
	Weekend		
Annual Gallons of Production			
Annual Tons of Grape Haul			N/A
Number of Visitors at the Largest Event that occurs two or more times per month, on average	Weekday		
	Weekend		

*Number of full time and part time employees should represent the max number of employees that will be working on any given day (including all vendors and contractors employed for the largest event that occurs two or more times per month on average).

TRIP GENERATION

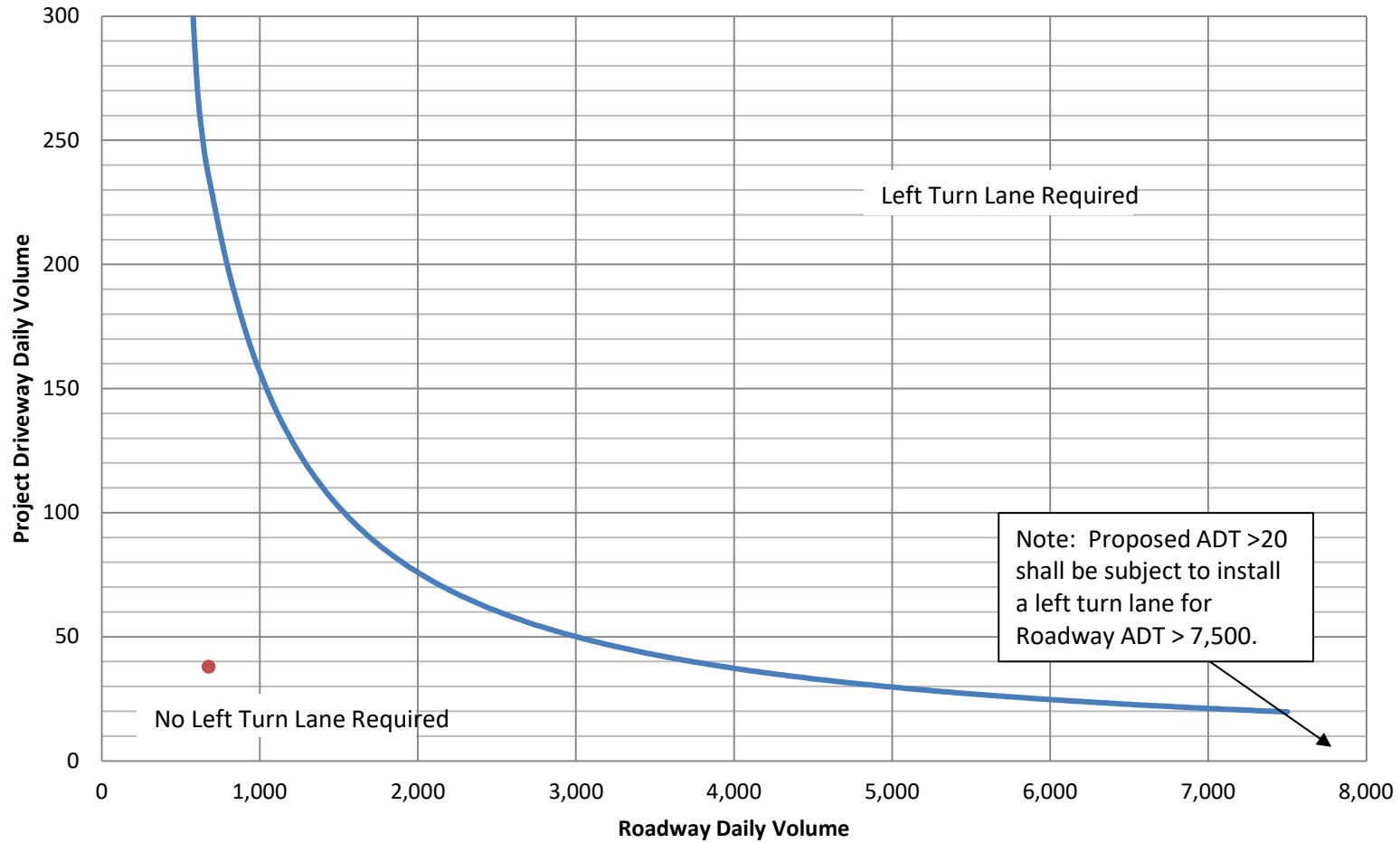
Existing Winery				Harvest	Non-Harvest
<u>Maximum Daily Weekday Traffic (Friday)</u>					
	<u>Harvest</u>	<u>Non-Harvest</u>			
FT Employees		3.05 one way trips/employee	FT Employee Daily Trips		
PT Employees		1.9 one way trips/employee	PT Employee Daily Trips		
Max Visitors		2.6 visitors/vehicle for 2 one way trips	Max Visitor Daily Trips		
Max Event		2.6 visitors/vehicle for 2 one way trips	Max Event Daily Trips		
Gallons of Production		0.000018 truck trips	Production Daily Trips		
Tons of Grape Haul#		0.013889 truck trips	Grape Haul Daily Trips		
			Total Weekday Daily Trips		
			Total Weekday Peak Hour Trips*		
<u>Maximum Daily Weekend Traffic (Saturday)</u>					
	<u>Harvest</u>	<u>Non-Harvest</u>			
FT Employees		3.05 one way trips/employee	FT Employee Daily Trips		
PT Employees		1.9 one way trips/employee	PT Employee Daily Trips		
Max Visitors		2.8 visitors/vehicle for 2 one way trips	Max Visitor Daily Trips		
Max Event		2.8 visitors/vehicle for 2 one way trips	Max Event Daily Trips		
Gallons of Production		0.000018 truck trips	Production Daily Trips		
Tons of Grape Haul#		0.013889 truck trips	Grape Haul Daily Trips		
			Total Weekend Daily Trips		
			Total Weekend Peak Hour Trips*		
<u>Maximum Annual Traffic</u>					
			Total Annual Trips**		
Proposed Winery				Harvest	Non-Harvest
<u>Maximum Daily Weekday Traffic (Friday)</u>					
	<u>Harvest</u>	<u>Non-Harvest</u>			
FT Employees		3.05 one way trips/employee	FT Employee Daily Trips		
PT Employees		1.9 one way trips/employee	PT Employee Daily Trips		
Max Visitors		2.6 visitors/vehicle for 2 one way trips	Max Visitor Daily Trips		
Max Event		2.6 visitors/vehicle for 2 one way trips	Max Event Daily Trips		
Gallons of Production		0.000018 truck trips	Production Daily Trips		
Tons of Grape Haul#		0.013889 truck trips	Grape Haul Daily Trips		
			Total Weekday Daily Trips		
			Total Weekday Peak Hour Trips*		
<u>Maximum Daily Weekend Traffic (Saturday)</u>					
	<u>Harvest</u>	<u>Non-Harvest</u>			
FT Employees		3.05 one way trips/employee	FT Employee Daily Trips		
PT Employees		1.9 one way trips/employee	PT Employee Daily Trips		
Max Visitors		2.8 visitors/vehicle for 2 one way trips	Max Visitor Daily Trips		
Max Event		2.8 visitors/vehicle for 2 one way trips	Max Event Daily Trips		
Gallons of Production		0.000018 truck trips	Production Daily Trips		
Tons of Grape Haul#		0.013889 truck trips	Grape Haul Daily Trips		
			Total Weekend Daily Trips		
			Total Weekend Peak Hour Trips*		
<u>Maximum Annual Traffic</u>					
			Total Annual Trips**		
Net New Trips				Harvest	Non-Harvest
<u>Maximum Weekday Traffic (Friday)</u>					
If total net new daily trips is greater than 110, a TIS is required			Net New Weekday Daily Trips		
			Net New Weekday Peak Hour Trips*		
<u>Maximum Weekend Traffic (Saturday)</u>					
If total net new daily trips is greater than 110, a TIS is required			Net New Weekend Daily Trips		
			Net New Weekend Peak Hour Trips*		
<u>Maximum Annual Traffic</u>					
			Net New Annual Trips**		

#Trips associated with Grape Haul represent harvest season only.

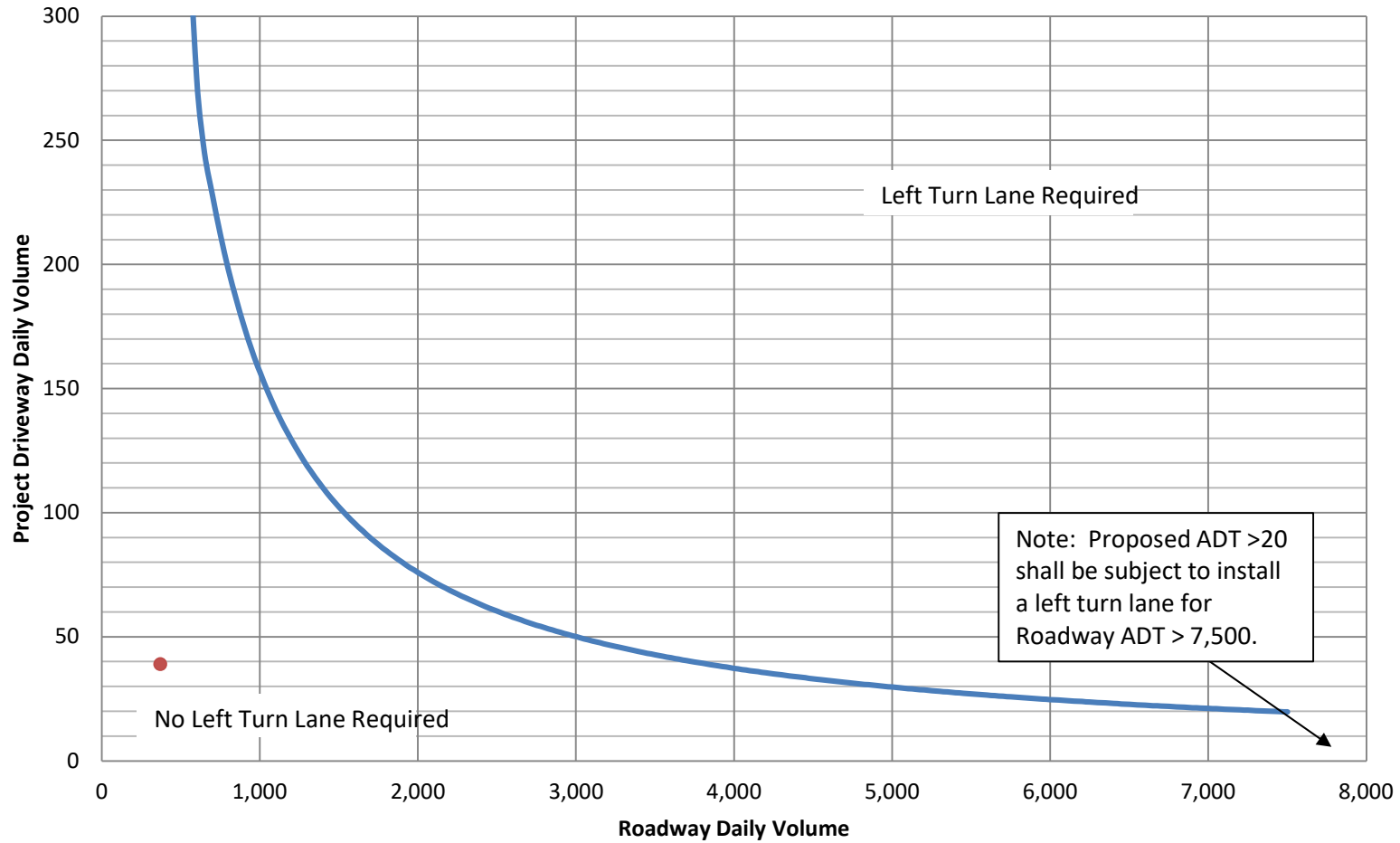
*Weekday peak hour trips are calculated as 38% of daily trips associated with visitors and production plus one trip per employee. Weekend peak hour trips are calculated as 57% of daily trips associated with visitors and production plus one trip per employee.

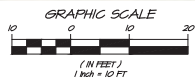
**Annual trips represent a conservative calculation that assumes 11 weeks of harvest, all weekdays are Fridays, all weekends are Saturdays, and assumes that the largest event that occurs two or more times per month on average occurs every day.

Napa County Left Turn Lane Warrant Graph



Napa County Left Turn Lane Warrant Graph





MADED BACKGROUND REPRESENTS EXISTING TOPOGRAPHIC FEATURES. TOPOGRAPHIC INFORMATION HAS BASED ON A FIELD SURVEY BY RNSA: SEPTEMBER, 2002.

2. CONTROL INTERVAL, ONE (1) FOOT; HIGHLIGHTED EVERY FIVE (5) FEET.

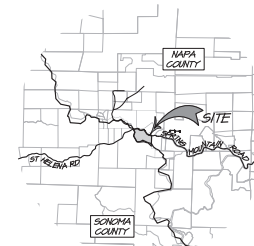
3. APPROXIMATE BOUNDARY SHOWN IN RED GRANT DEED, DOCUMENT NO. 2004-000086, NAPA COUNTY, CALIFORNIA, AND THE 2004-000086, NAPA COUNTY, CALIFORNIA, DEED, DOCUMENT NO. 2004-000086, NAPA COUNTY, AND DOCUMENT NO. 2004-000086, SONOMA COUNTY, CALIFORNIA.

4. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83).

5. HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83) 2001 EPOCH BASED UPON G.P.S. OBSERVATIONS ON NETWORK UTILIZING CONTINUALLY OPERATING REFERENCE STATION (CORS) DATA DERIVED FROM THE NATIONAL GEODETIC SURVEY.

6. AERIAL PHOTOGRAPHS WERE OBTAINED FROM THE NAPA COUNTY GIS DATABASE, DATED JANUARY 2002 AND MAY NOT REPRESENT CURRENT CONDITIONS.

7. THE ELEVATIONS NOTED BASED ON CONTROL TOPO; ON THIS EXHIBIT ARE NOT REPRESENTED BY A TOPOGRAPHIC SURVEY; THEY WERE OBTAINED FROM THE NAPA COUNTY GIS DATABASE PANEL INFORMATION. THE ELEVATIONS WERE OBTAINED FROM THE NAPA COUNTY GIS DATABASE FROM THE MORE RECENT RNSA SURVEY; THESE ELEVATIONS MAY NOT REPRESENT CURRENT CONDITIONS. THEY WERE OBTAINED FROM THE NAPA COUNTY GIS DATABASE, DATED JANUARY 2002. RNSA ASSUMES NO LIABILITY REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED HEREON.



CLIENT:	PALOMA VINEYARDS SHELDON RICHARDS
SITE ADDRESS:	4018 SPRINGS MOUNTAIN ROAD ST. HELENA, CA 94574
CIVIL ENGINEER:	RS&I 1515 FOURTH STREET NAPA, CA 94559
TRAFFIC ENGINEER:	WJ TRANS 440 MENDOCINO AVENUE, SUITE 201 SANTA ROSA, CA 95401 022-150-008
PARCEL NO:	
PARCEL AREA:	17.1 ACRES

NOTE:
BASE MAP FOR EXHIBIT PREPARED BY RSA+. SIGHT DISTANCE STUDY
COMPLETED BY W TRANS.



DATE	FEB 26, 2025	
DRAWN	DCB	
DESIGNED	BTB	
CHECKED	BNF	
JOB NO. 419046.0		
SHEET NO.		
EXH		
1 OF 1 SHEETS		

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