

5-Year Traffic Monitoring Report Carmel Valley Road 2025

Required Counts in June and October per CVMP

PRESENTATION OVERVIEW

- ▶ Review of General Plan Policies that require the reporting of the Annual Report
- ▶ Identify the Road Segments that are required to be monitored/timing annually.
- ▶ Discuss Traffic Monitoring Results of Average Daily Traffic Volumes (ADT) and Level of Service (LOS) for 13 segments, and 5-year results.

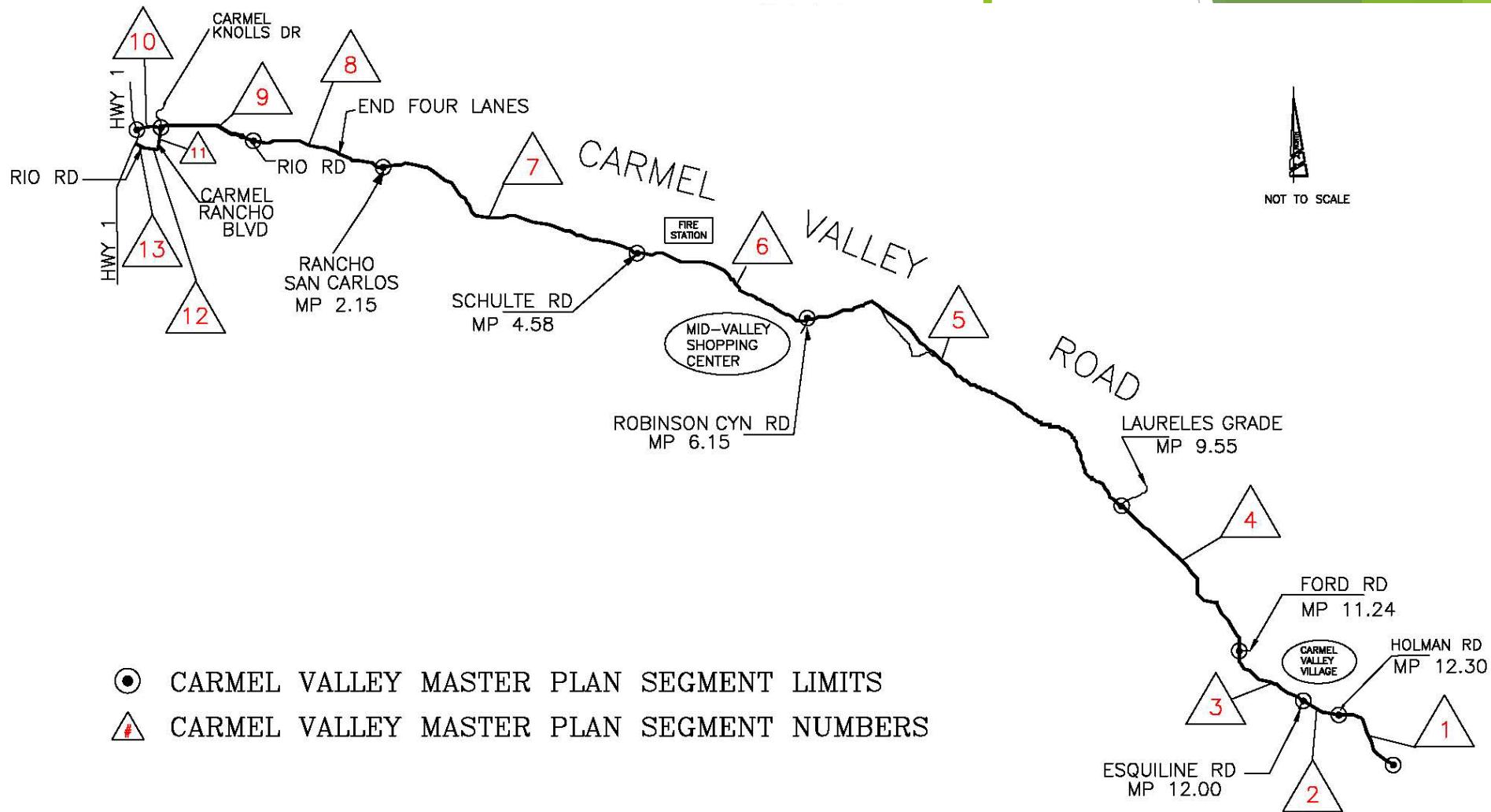
CVMP Policy CV-2.17

- ▶ Conduct Volume Counts
- ▶ Prepare the CVMP Annual Report
- ▶ Conduct a Public Hearing

CVMP Policy CV-2.17 for 5-year

- ▶ CV-2.17(d) requires that the County monitor all segments listed in Policy CV-2.17(a) and the annual report include all segments
- ▶ CV-2.17(e) requires the County examine the degree of changes in LOS in the CVMP area that may be occurring earlier than predicted in the General Plan EIR.
- ▶ CV-2.17(f) establishes the acceptable LOS

Location Map



Carmel Valley Road 2025 Volumes

SEGMENT ROADS	CVMP Threshold	2025 June Volume (School not in session)		2025 October Volume	
	ADT	ADT	Percent Under Threshold	ADT	Percent Under Threshold
Segment 1 - (Holman Road to CVMP Boundary)	8,487	2,865	-66.2%	2,918	-65.6%
Segment 2 - (Holman Road to Esquiline Road)	6,835	3,239	-52.6%	3,367	-50.7%
Segment 3 - (Esquiline Road to Ford Road)	9,065	5,628	-37.9%	5,813	-35.9%
Segment 4 - (Ford Road to Laureles Grade)	11,600	11,138	-4.0%	11,118	-4.2%
Segment 5 - (Laureles Grade to Robinson Canyon Road)	12,752	10,982	-13.9%	9,873	-22.6%
Segment 6 - (Robinson Canyon Road to Schulte Road)	15,499	14,664	-5.4%	14,280	-7.9%
Segment 7 - (Schulte Road to Rancho San Carlos Road)	16,340	15,080	-7.7%	14,776	-9.6%
Segment 8 - (Rancho San Carlos Road to Rio Road)	48,487	21,402	-55.9%	20,581	-57.6%
Segment 9 - (Rio Road to Carmel Rancho Boulevard)	51,401	21,688	-57.8%	20,711	-59.7%
Segment 10 - (Carmel Rancho Boulevard to SR1)	27,839	20,108	-27.8%	20,123	-27.7%
Segment 11 - (Carmel Rancho Boulevard CVR to Rio Road)	33,495	15,956	-52.4%	14,192	-57.6%
Segment 12 - Rio Road (Val Verde Dr to Carmel Rancho Blvd)	6,416	829	-87.1%	840	-86.9%
Segment 13 - Rio Road (Carmel Rancho Boulevard to SR1)	33,928	8,993	-73.5%	8,563	-74.8%

Comparison of Traffic Volumes (ADT) 2024 to 2025

Road Segment	June (school not in session)			October		
	2024	2025	Volume Difference	2024	2025	Volume Difference
3	8,165	5,628	-2,537	7,840	5,813	-2,027
4	10,596	11,138	542	10,306	11,118	812
5	11,172	10,982	-190	10,229	9,873	-356
6	14,380	14,664	284	12,683	14,280	1,597
7	16,040	15,080	-960	15,242	14,776	-466
10	21,814	20,108	-1,706	21,985	20,123	-1,862

Note: The (6) Segments shown are required for evaluation.

5-Year Traffic Volumes

Volume and LOS Comparison

No.	Road	Segment	2008		2020				2025				General Plan (Cumulative)	
					June		October		June		October			
			ADT*	LOS*	ADT	LOS	ADT	LOS	ADT	LOS	ADT	LOS	ADT	LOS
1	Carmel Valley Road	East of Holman Road	3,235	A	3,084	B	2,791	C	2,865	C	2,918	C	10,400	D
2	Carmel Valley Road	Between Esquiline Road and Holman Road	3,673	A	3,211	B	2,926	C	3,239	C	3,367	C	6,100	D
3	Carmel Valley Road	Between Ford Road and Esquiline Road	10,816	B/C	8,058	C	7,913	C	5,628	D	5,813	D	13,200	F
4	Carmel Valley Road	Between Laureles Grade and Ford Road	-	C	9,196	D	9,064	D	11,138	D	11,118	D	22,600	F
5	Carmel Valley Road	Between Robinson Canyon Road and Laureles Grade	11,521	C/D	9,732	D	9,551	D	10,982	E	9,873	E	27,400	F
6	Carmel Valley Road	Between Schulte Road and Robinson Canyon Road	14,163	D	13,072	D	13,279	D	14,664	E	14,280	E	33,200	F
7	Carmel Valley Road	Between Rancho San Carlos Road and Schulte Road	15,984	D	13,513	D	13,649	D	15,080	E	14,776	E	36,600	F
8	Carmel Valley Road	Between Village Park Road and Rancho San Carlos Road	19,655	A	18,013	D**	18,205	D**	21,402	E**	20,581	E**	35,800	F
9	Carmel Valley Road	Between Carmel Rancho Boulevard and Village Park Rd.	24,655	A/B	18,173	A	18,326	A	21,688	B	20,711	A	41,800	F
10	Carmel Valley Road	Between SR 1 and Carmel Rancho Boulevard	23,160	A/B	18,698	A	18,962	A	20,108	A	20,123	A	40,200	F
11	Carmel Rancho Boulevard	Between Carmel Valley Road and Rio Road	11,015	-	12,122	A	12,522	A	15,956	A	14,192	A	18,600	D
12	Rio Road	Between Carmel Rancho Boulevard and Val Verde Drive	-	-	902	A	875	A	829	A	840	A	-	-
13	Rio Road	Between SR 1 and Carmel Rancho Boulevard	12,270	-	6,965	A	6,980	A	8,993	A	8,563	A	18,100	D

Bold type indicates road segments currently included in the annual monitoring report.

* 2008 ADT from 2008 CVMP Volume Report; 2008 ADT from General Plan EIR baseline.

** 2025 LOS is for the two-lane portion of Segment 8. The four-lane portion is operating at LOS A.

Level of Service (PTSF)

Segment	2025 June Data		2025 October Data		Acceptable LOS	Exceeds Threshold
	PTSF	LOS	PTSF	LOS		
3	74.6%	D	75.4%	D	D	No
4	77.8%	D	79.0%	D	D	No
5	90.0%	E	87.6%	E	D	Yes (June/Oct)
6	89.4%	E	87.7%	E	D	Yes (June/Oct)
7	90.1%	E	89.9%	E	D	Yes (June/Oct)

Projected Growth

- Traffic Volume (by segment)

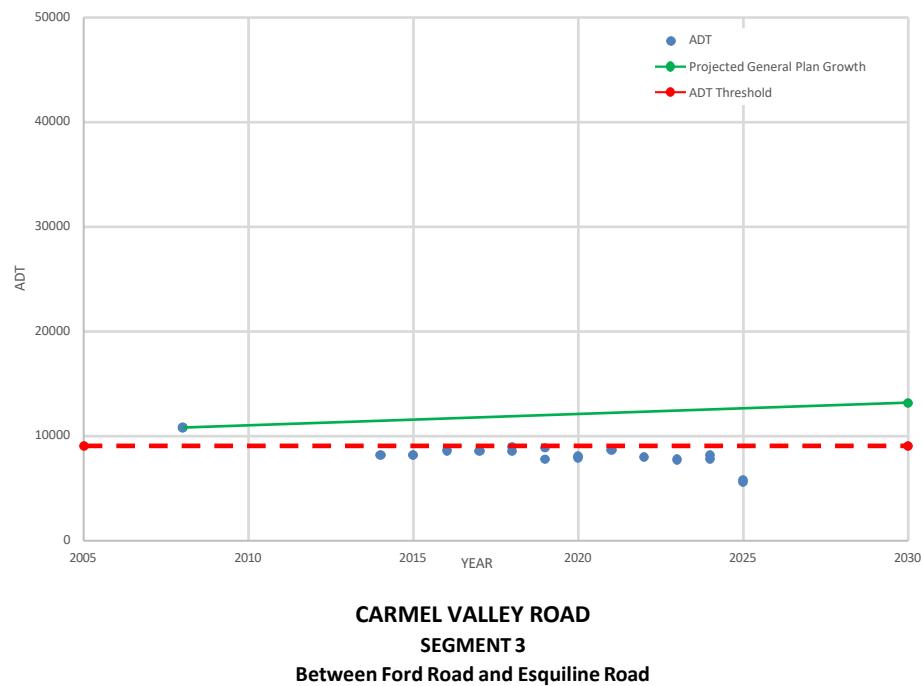


Figure 8

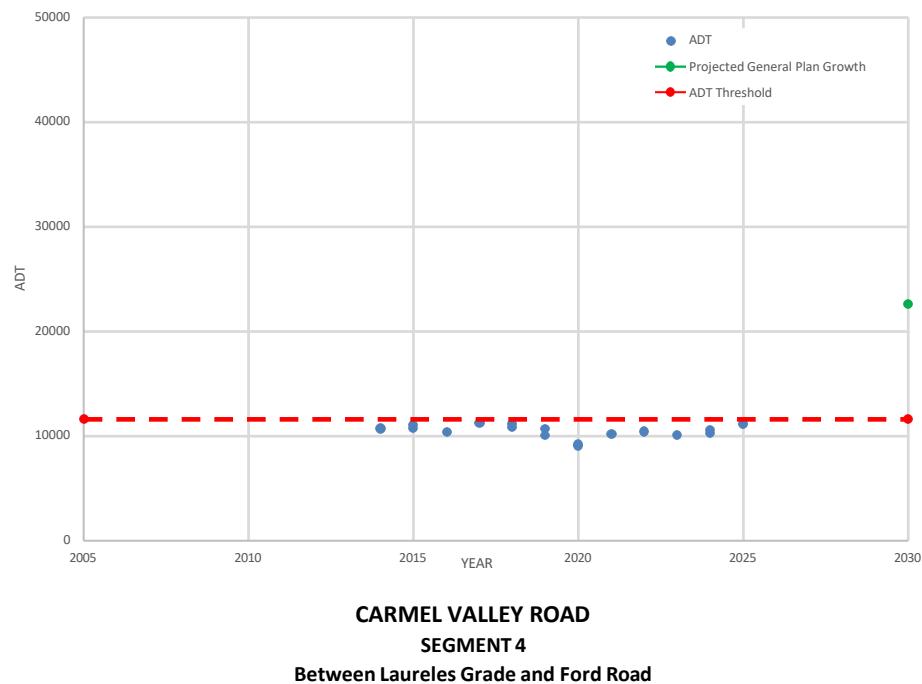
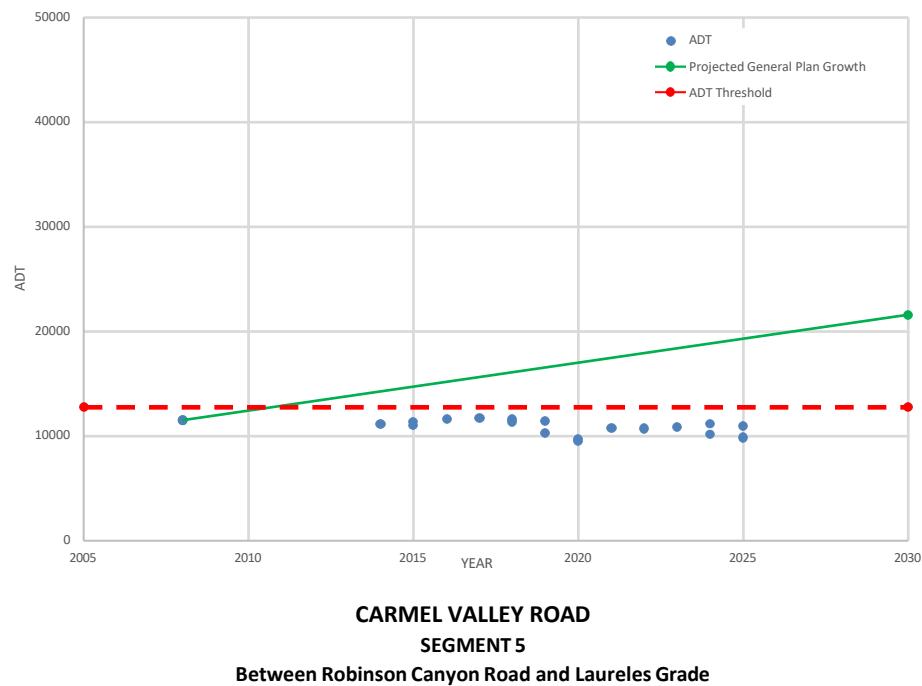


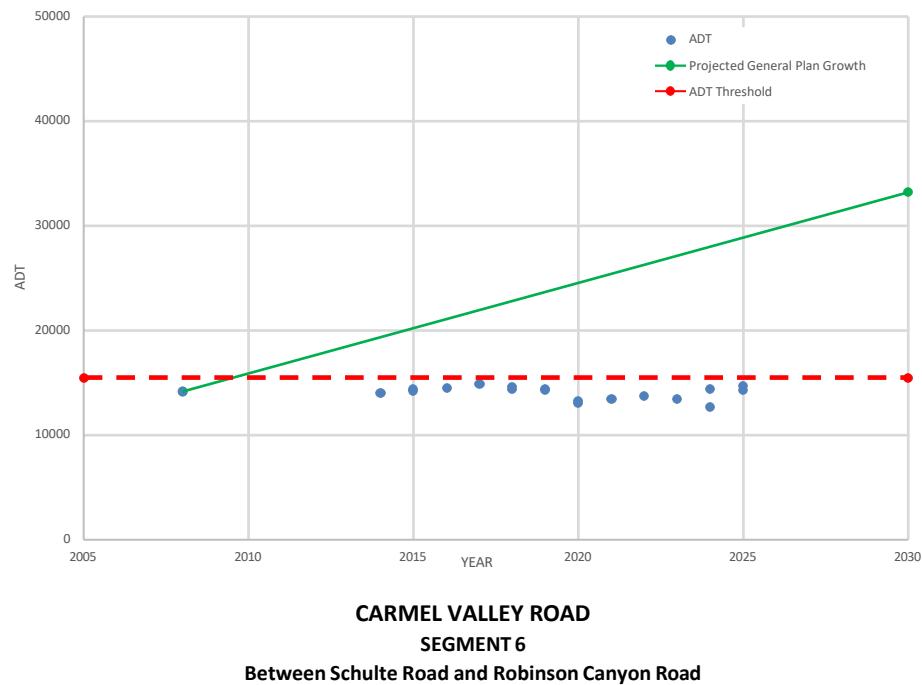
Figure 9

PETERS ENGINEERING GROUP



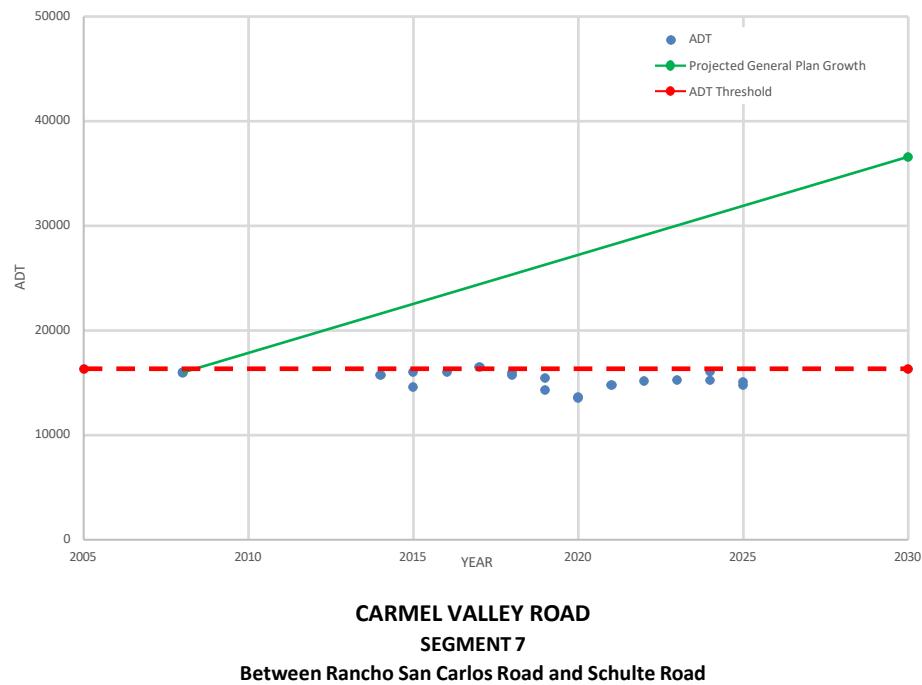
PETERS ENGINEERING GROUP

Figure 10



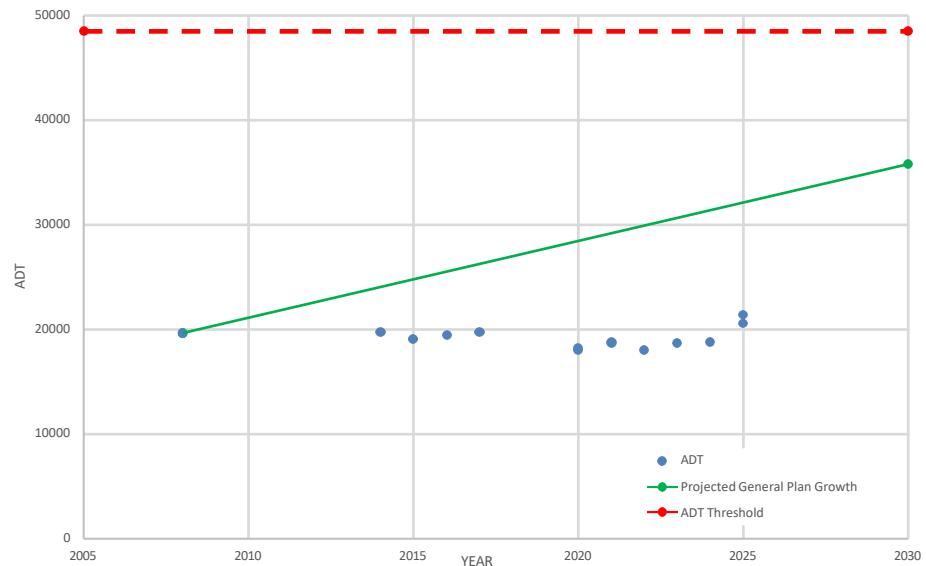
PETERS ENGINEERING GROUP

Figure 11



PETERS ENGINEERING GROUP

Figure 12



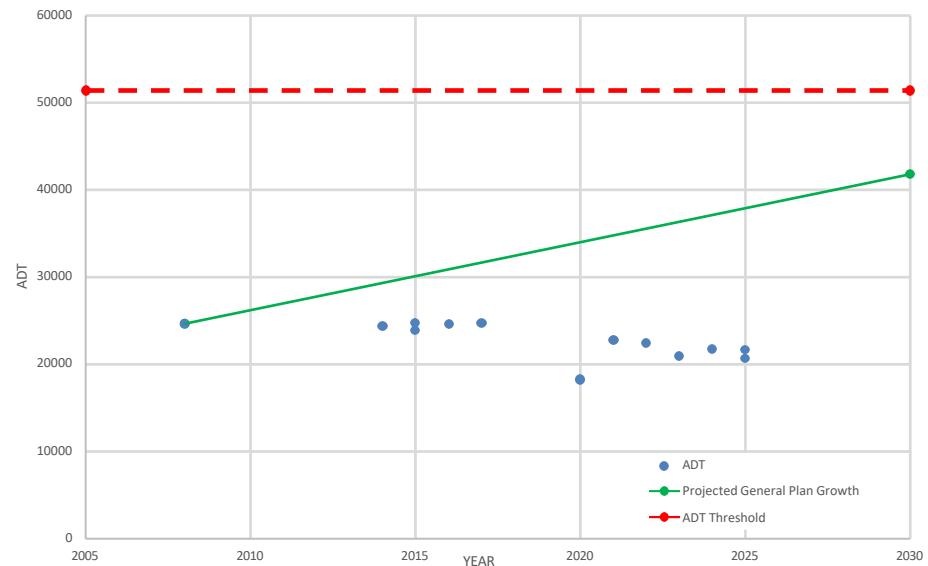
CARMEL VALLEY ROAD

SEGMENT 8

Between Village Park Road and Rancho San Carlos Road

PETERS ENGINEERING GROUP

Figure 13



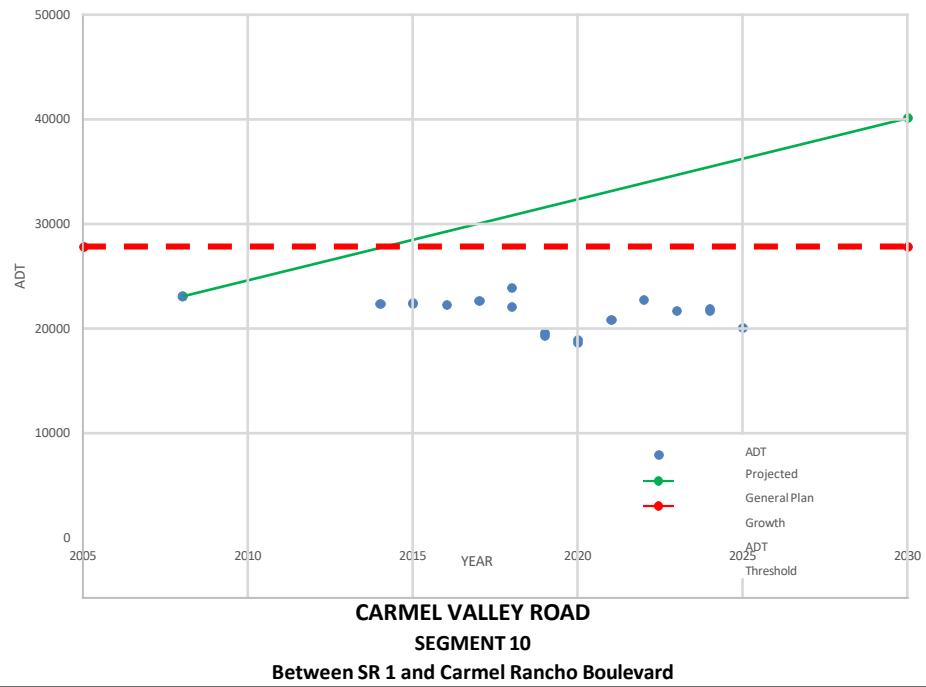
CARMEL VALLEY ROAD

SEGMENT 9

Between Carmel Rancho Boulevard and Village Park Road

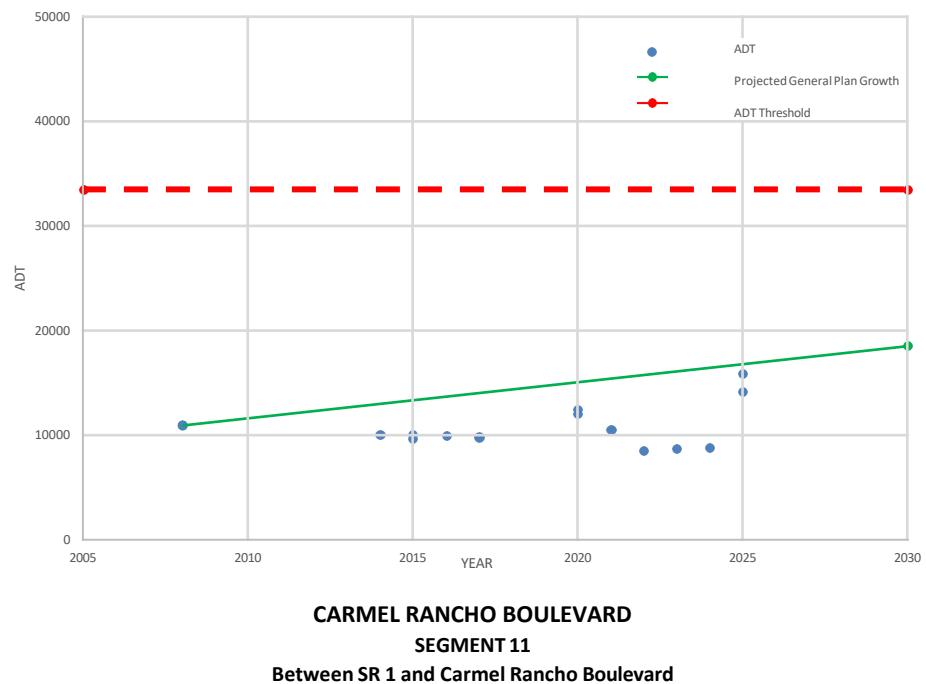
PETERS ENGINEERING GROUP

Figure 14



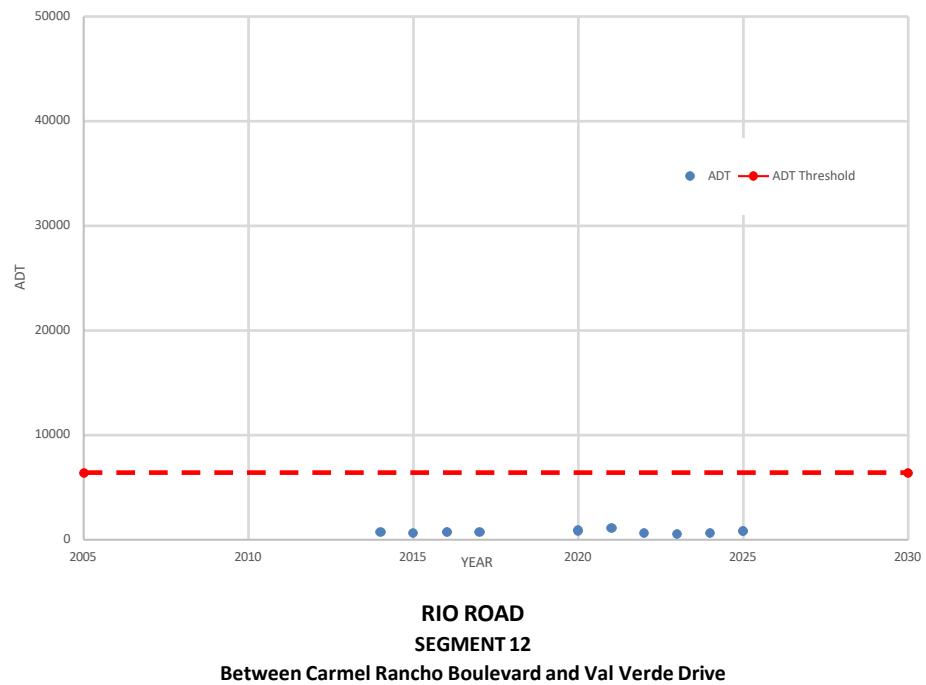
PETERS ENGINEERING GROUP

Figure 15



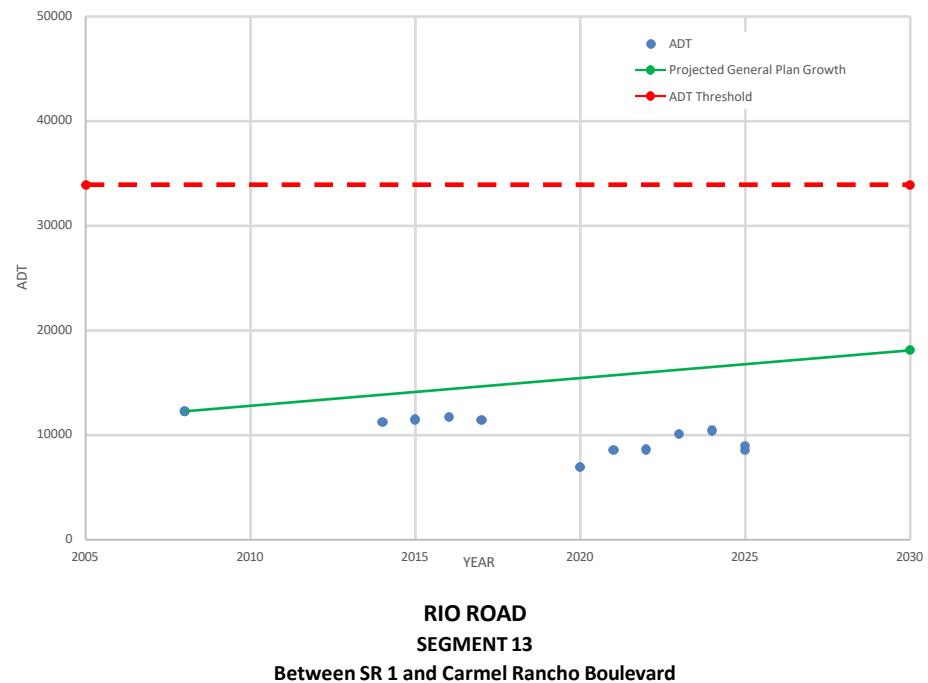
PETERS ENGINEERING GROUP

Figure 16



PETERS ENGINEERING GROUP

Figure 17



PETERS ENGINEERING GROUP

Figure 18

Intersections

Table 8
Intersection LOS and Peak-Hour Warrant Summary – June 2025

Intersection	Control	A.M. Peak Hour			P.M. Peak Hour		
		Delay (sec)	LOS	Warrant	Delay (sec)	LOS	Warrant
SR 1 / Carmel Valley	Signals	5.8	A		8.4	A	
Carmel Rancho Blvd / Carmel Valley	Signals	16.0	B		20.4	C	
Rio Vista Drive / Carmel Valley	One-way stop	23.5	C	Not met	24.1	C	Not met
Carmel Middle School / Carmel Valley	Signals	7.1	A		6.4	A	
Village Park / Carmel Valley	One-way stop	36.0	E	Not met	<u>51.1</u>	F	Not met
Via Mallorca / Carmel Valley	Signals	6.3	A		6.2	A	
Rancho San Carlos / Carmel Valley	Signals	7.6	A		12.9	B	
Schulte / Carmel Valley	One-way stop	27.9	D	Not met	31.6	D	Not met
Robinson Canyon / Carmel Valley	Yield	10.0	A	Not met	17.3	C	Not met
Robinson Canyon / Carmel Valley off ramp	One-way stop	8.8	A	Not met	8.8	A	Not met
Laureles Grade / Carmel Valley	One-way stop*	26.6	D		<u>>300</u>	F	
Ford / Carmel Valley	One-way stop	13.2	B	Not met	12.7	B	Not met
Esquiline / Carmel Valley	One-way stop	12.2	B	Not met	11.2	B	Not met
Holman / Carmel Valley	One-way stop	7.6	A	Not met	9.0	A	Not met
SR 1 / Rio Road	Signals	17.9	B		23.4	C	
Crossroads Blvd / Rio Road	Signals	10.2	B		11.6	B	
Carmel Rancho Blvd / Rio Road	Two-way stop	11.7	B	Not met	12.5	B	Not met

* Peak-hour warrants not analyzed - roundabout under construction.

Intersections

Table 9
Intersection LOS and Peak-Hour Warrant Summary – October 2025

Intersection	Control	A.M. Peak Hour			P.M. Peak Hour		
		Delay (sec)	LOS	Warrant	Delay (sec)	LOS	Warrant
SR 1 / Carmel Valley	Signals	7.5	A		5.8	A	
Carmel Rancho Blvd / Carmel Valley	Signals	21.0	C		16.1	B	
Rio Vista Drive / Carmel Valley	One-way stop	24.8	C	Not met	36.7	E	Not met
Carmel Middle School / Carmel Valley	Signals	7.2	A		12.1	B	
Village Park / Carmel Valley	One-way stop	43.0	E	Not met	32.8	D	Not met
Via Mallorca / Carmel Valley	Signals	6.0	A		6.2	A	
Rancho San Carlos / Carmel Valley	Signals	11.4	B		7.9	A	
Schulte / Carmel Valley	One-way stop	33.5	D	Met	31.1	D	Not met
Robinson Canyon / Carmel Valley	Yield	15.6	C	Not met	10.1	B	Not met
Robinson Canyon / Carmel Valley off ramp	One-way stop	8.8	A	Not met	8.9	A	Not met
Laureles Grade / Carmel Valley	One-way stop*	38.9	E**		29.5	D**	
Ford / Carmel Valley	One-way stop	11.2	B	Met	19.7	C	Not met
Esquiline / Carmel Valley	One-way stop	11.0	B	Not met	13.1	B	Not met
Holman / Carmel Valley	One-way stop	9.3	A	Not met	9.4	A	Not met
SR 1 / Rio Road	Signals	21.4	C		18.6	B	
Crossroads Blvd / Rio Road	Signals	11.1	B		10.0	B	
Carmel Rancho Blvd / Rio Road	Two-way stop	11.7	B	Not met	12.2	B	Not met

* Peak-hour warrants not analyzed - roundabout under construction.

** Traffic control devices present; no full lane closures.

CARMEL VALLEY ROAD ADVISORY COMMITTEE

- Presented to CVRAC on January 8, 2026
- Feedback Received:
 - The summary table shows that the traffic numbers from 2008, 2020, and 2025 have not ballooned as forecasted [in the General Plan] and are relatively stable.
 - The use of 24-hour counts should not be used, should count only during morning hours, not at night when there is no traffic.
- PW Feedback Provided:
 - Data presented in report is per the requirements of the CVMP policies.
 - Technical analyses for road operations use standard methodologies and peak hour volumes.

SUMMARY

The Volume did not exceed the threshold for the acceptable ADT in any of the monitored road segments.

The PTSF exceeded the threshold for the acceptable level of service in three (3) road segments:

- Segment 5 (from Laureles Grade to Robinson Canyon Road)
- Segment 6 (from Robinson Canyon Road to Schulte Road)
- Segment 7 (from Schulte Road to Rancho San Carlos Road)

Questions or Comments?