

Public Works – Engineering Services

Memorandum



DATE: November 3, 2025

TO: Adrian Veliz, Senior Planner
Contra Costa County Community Development Division

FROM: Deborah Fehr, Senior Civil Engineer (Traffic)
Public Works Department – Engineering Services

SUBJECT: Dougherty Valley Traffic Level-of-Service (LOS) Monitoring Report Trend Analysis

Pursuant to the terms of the Dougherty Valley Settlement Agreement, and direction from the Dougherty Valley Oversight Committee, we are hereby transmitting traffic level-of-service (LOS) data for indicator intersections in the City of San Ramon. The LOS calculations are based on counts conducted on October 15, 2025, by consultants under contract with the City in 2025.

The traffic LOS was calculated using the Contra Costa Transportation Authority's CCTALOS Program and is consistent with the methodology used to evaluate the Dougherty Valley traffic LOS since the first year of reporting. We have provided a summary of both the AM and PM Peak Hour LOS for eight major intersections in San Ramon below. In addition, the results from the 2020 through 2024 analyses are included as a point of comparison. These intersections were selected on the basis of their importance for access to and from the Dougherty Valley Specific Plan Area and their sensitivity to changes in traffic demand generated by development of the Dougherty Valley. The City provides annual updates of the LOS at these same intersections to permit comparisons from one year to the next.

Intersection	AM Peak (v/c / LOS)					
	Year	2020 ²	2021 ²	2022 ^{2,3}	2023 ^{3,4}	2024 ^{3,4}
Alcosta Blvd/Crow Cyn Rd		0.20/A	0.29/A	0.28/A	0.30/A	0.29/A
Dougherty Rd/Crow Cyn Rd		0.23/A	0.36/A	0.44/A	0.37/A	0.44/A
Alcosta Blvd/Bollinger Cyn Rd		0.23/A	0.49/A	0.50/A	0.55/A	0.63/B
I-680 SB Off/Crow Cyn Rd		0.32/A	0.36/A	0.36/A	0.45/A	0.44/A
I-680 NB Off/Crow Cyn Rd		0.35/A	0.39/A	0.41/A	0.42/A	0.42/A
I-680 SB Off/Bollinger Cyn Rd		0.17/A	0.30/A	0.36/A	0.39/A	0.35/A
I-680 NB Off/Bollinger Cyn Rd		0.20/A	0.32/A	0.34/A	0.40/A	0.37/A
Alcosta Blvd/Old Ranch Rd ¹		0.12/A	0.28/A	0.30/A	0.35/A	0.36/A
¹ Assuming signalized intersection (for comparative purposes). ² Volumes impacted by Covid-19. ³ Crow Canyon Road Widening Project under construction. ⁴ Iron Horse Trail Overcrossing Project under construction. v/c = Volume to Capacity Ratio LOS = Level of Service						

Intersection	PM Peak (v/c / LOS)					
Year	2020 ²	2021 ²	2022 ^{2,3}	2023 ^{3,4}	2024 ^{3,4}	2025
Alcosta Blvd/Crow Cyn Rd	0.33/A	0.40/A	0.38/A	0.38/A	0.43/A	0.41/A
Dougherty Rd/Crow Cyn Rd	0.48/A	0.52/A	0.51/A	0.52/A	0.58/A	0.56/A
Alcosta Blvd/Bollinger Cyn Rd	0.51/A	0.63/B	0.63/B	0.69/B	0.70/B	0.71/C
I-680 SB Off/Crow Cyn Rd	0.43/A	0.45/A	0.40/A	0.50/A	0.46/A	0.42/A
I-680 NB Off/Crow Cyn Rd	0.37/A	0.39/A	0.40/A	0.42/A	0.47/A	0.44/A
I-680 SB Off/Bollinger Cyn Rd	0.29/A	0.35/A	0.40/A	0.43/A	0.38/A	0.42/A
I-680 NB Off/Bollinger Cyn Rd	0.33/A	0.41/A	0.44/A	0.45/A	0.46/A	0.51/A
Alcosta Blvd/Old Ranch Rd ¹	0.25/A	0.31/A	0.30/A	0.35/A	0.34/A	0.34/A
¹ Assuming signalized intersection (for comparative purposes).						
² Volumes impacted by Covid-19.						
³ Crow Canyon Road Widening Project under construction.						
⁴ Iron Horse Trail Overcrossing Project under construction.						
v/c = Volume to Capacity Ratio						
LOS = Level of Service						

All of the intersections summarized above are operating within the Traffic Service Objectives established by the Dougherty Valley Settlement Agreement.

It should be noted that the traffic counts performed for the LOS analysis represent traffic counts done for that specific day and are not an average. Not all the intersections were counted on the same day and traffic conditions change daily, especially near the freeway where drivers will exit the freeway and use surface streets such as Bollinger Canyon Road and Crow Canyon Road to avoid congestion. Volumes can also vary year to year, especially near business centers such as Bishop Ranch. For the year 2025, the volumes are similar to 2023 and 2024 and appear to be stabilizing.

Cc: Brian Bornstein, City of San Ramon, Public Works Director
Rod Wui, City of San Ramon, City Engineer
Chris Weeks, City of San Ramon, Transportation Manager