
APPENDIX H

CITY OF GILROY 2040 GENERAL PLAN VMT PROJECTIONS MEMO



Memorandum

Date: April 7, 2020
To: Teri Wissler Adam, EMC Planning Group
From: Gicela Del Rio, T.E.
Subject: City of Gilroy 2040 General Plan VMT Projections

Hexagon Transportation Consultants, Inc. has completed a transportation analysis to evaluate the potential long-term transportation impacts associated with build out of the City of Gilroy 2040 General Plan. The analysis includes the evaluation of Vehicle Miles Traveled (VMT), in conformance with the requirements of the California Environmental Quality Act (CEQA), and level of service analysis, in conformance with City of Gilroy requirements. The results of the analysis are presented in a Transportation Analysis report dated February 28, 2020. The VMT evaluation presented in the report corresponds to VMT projections for the City of Gilroy under baseline (Year 2017) and 2040 General Plan conditions. No countywide projections were presented in the report. Thus, this memo provides projections of countywide VMT for the purpose of comparison to the citywide VMT projections presented in the General Plan report.

VMT Projections

Table 1 below summarizes VMT information, population, and the number of jobs for the City of Gilroy (presented in the February 28 report) and the Santa Clara County.

As described in the transportation analysis report, the results of the VMT evaluation indicate that with the buildout of the 2040 General Plan land uses, the VMT per capita for the City of Gilroy is projected to be 14.62, representing a decrease in residential VMT (-1.84) compared to the baseline citywide average VMT per capita. The table also shows the projected VMT per job for the City of Gilroy to be 21.94, representing an increase in employment VMT (1.80) when compared to the baseline citywide average VMT per job.

The VMT projections for Santa Clara County show a countywide VMT per capita projection of 12.52 and VMT per job projection of 19.33 under 2040 ABAG conditions, representing a decrease in VMT per capita (-0.82) and an increase in VMT per job (0.04) when compared to countywide 2017 baseline projections.



Table 2
VMT Analysis Summary

Year	Residential VMT ¹	Population	Residential VMT per Capita ²	Employment VMT ³	Jobs	Employment VMT per Job ⁴
City of Gilroy						
Base Year 2017	893,941	54,320	16.46	437,578	21,729	20.14
2040 General Plan	1,134,166	77,595	14.62	954,322	43,499	21.94
Change (2040 - 2017)	240,225	23,275	-1.84	516,744	21,771	1.80
Santa Clara County						
Base Year 2017	24,310,413	1,821,709	13.34	20,039,714	1,038,635	19.29
2040 ABAG	31,201,738	2,491,412	12.52	25,503,758	1,319,190	19.33
Change (2040 - 2017)	6,891,325	669,702	-0.82	5,464,044	280,556	0.04
Notes:						
¹ Residential VMT = Home-Based Trip Productions * Distance						
² Residential VMT per Capita = Residential VMT / Population						
³ Employment VMT = Home-Based Work Trip Attactions * Distance						
⁴ Employment VMT per Job = Employment VMT / Jobs						