

Appendix D-b Vehicle Miles Traveled Evaluation

Appendix

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MEMORANDUM

To: JoAnn Hadfield Placeworks 3 MacArthur Pl # 1100, Santa Ana, CA 92707	From: Sean Daly, AICP, PTP Iteris, Inc. 1700 Carnegie Avenue, Suite 100 Santa Ana, CA 92705
Date: June 11, 2021	
RE: 2540 Rosemead Boulevard - San Gabriel Valley Council of Governments Vehicle Miles Traveled Evaluation Tool Report	

CEQA analysis for determining potential significant transportation impacts from vehicle traffic transitioned from an automobile delay or capacity measure to a Vehicle Miles Traveled (VMT) of automobiles and light trucks metric in July 2020, as required by Senate Bill (SB) 743. VMT is an area-wide performance measure which helps compare the overall performance of a project or project alternatives and is also used as a metric to ultimately assess the transportation environmental impacts of a project. VMT analysis shifts the focus towards impacts caused by the distance traveled by vehicles rather than the localized congestion created by vehicles (i.e., intersection-level delay). VMT is generally calculated using a travel demand model that captures the movement of all trips over a highway network. Analysis is limited to automobile travel (automobiles and light-trucks) and excludes heavy trucks.

The City of South El Monte prepared City of South El Monte Transportation Study Guidelines for Vehicle Miles Traveled and Level of Service Assessment (October 2020) that provide technical guidance regarding assessment of VMT, thresholds of significance, and mitigation measures for land development and transportation projects in the unincorporated area.

The Project would add housing in a predominately commercial and industrial area that is well-served by public transportation, thereby diversifying the land use types and contributing to a reduction in vehicle miles traveled per capita.

The Project was analyzed using the San Gabriel Valley Council of Governments Vehicle Miles Traveled Evaluation Tool for the three Project parcels (APNs: 8102-037-020, 8102-037-022, 8102-037-024) in traffic analysis zone (TAZ) 22195100. The Project is not located in a Transit Priority Area and would have a project generated VMT rate of 12.67 home-based VMT per capita. When compared to the City VMT baseline value of 15.75 home-based VMT per capita and the 15 percent below baseline significance value of 13.39, the proposed Project is presumed to have a less than significant impact.

Finding: Low VMT Screening Analysis: Yes (Pass)

SGVCOG VMT Evaluation Tool Report

Project Details

Timestamp of Analysis: February 17, 2021, 03:09:04 PM

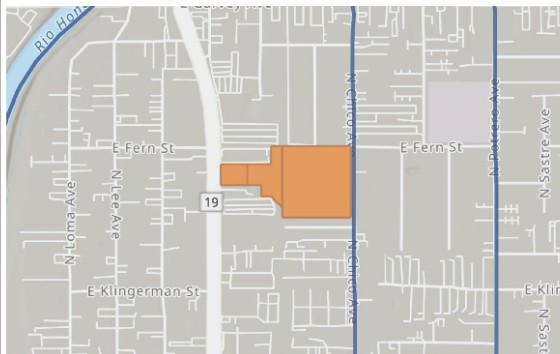
Project Name: Residential

Project Description: 207 Residential Units

Project Location

Jurisdiction:	APN	TAZ
South El Monte	8102-037-020	22195100
	8102-037-022	22195100
Inside a TPA?	8102-037-024	22195100

No (Fail)



Analysis Details

Data Version: SCAG Regional Travel Demand Model
2016 RTP Base Year 2012

Analysis Methodology: TAZ

Baseline Year: 2021

Project Land Use

Residential:	
Single Family DU:	169
Multifamily DU:	38
Total DUs:	207

Non-Residential:

Office KSF:
Local Serving Retail KSF:
Industrial KSF:

Residential Affordability (percent of all units):

Extremely Low Income:	0 %
Very Low Income:	0 %
Low Income:	0 %

Parking:

Motor Vehicle Parking:
Bicycle Parking:

Residential Vehicle Miles Traveled (VMT) Screening Results

Land Use Type 1:	Residential
VMT Without Project 1:	Home-based VMT per Capita
VMT Baseline Description 1:	SGVCOG Average
VMT Baseline Value 1:	15.75
VMT Threshold Description 1:	-15%
Land Use 1 has been Pre-Screened by the Local Jurisdiction:	N/A

	Without Project	With Project & Tier 1-3 VMT Reductions	With Project & All VMT Reductions
Project Generated Vehicle Miles Traveled (VMT) Rate	12.67	12.67	12.67
Low VMT Screening Analysis	Yes (Pass)	Yes (Pass)	Yes (Pass)

