translutions
the transportation solutions company...

memorandum

DATE: March 1, 2024

TO: Keith Tolliver, Ascendant Development Group

FROM: Sandipan Bhattacharjee, PE, TE, AICP, ENV SP

SUBJECT: 25914 Columbia Street – Trip Generation & VMT Screening

Translutions, Inc. (Translutions) is pleased to provide this memorandum discussing the project related trip generation and vehicle miles traveled (VMT) screening for the proposed residential project in the Hemet area of unincorporated Riverside County. The proposed project includes approximately 36 multi-family dwelling units.

PROJECT TRIP GENERATION

Trip generation for the project is based on rates for Land Use 220 "Multifamily Housing (Low-Rise)" from the ITE Trip Generation, 11th Edition. Table A shows the project trip generation. As shown in Table A, the total project is anticipated to generate 14 trips during the a.m. peak hour, 18 trips during the p.m. peak hour, and 243 net new daily trips.

Table A - Project Trip Generation

Land Use	Units	A.M. Peak Hour			P.M. Peak Hour			Daily
		In	Out	Total	In	Out	Total	
Apartments								
Trip Generation Rates [1]		0.10	0.30	0.40	0.32	0.19	0.51	6.74
Trip Generation	36 DU	3	11	14	12	6	18	243
Total Trip Generation		**3**	**11**	**14**	**12**	**6**	**18**	**243**

Notes: DU = Dwelling Unit

1 Trip generation based on rates for Land Use 220 - "Multifamily Housing (Low-Rise)" from Institute of Transportation Engineers' (ITE) *Trip Generation* (11th Edition).

Since the project generates less than 50 trips in any peak hour, a traffic study should not be required for this project.

NEED FOR VMT ANALYSIS

The County of Riverside guidelines include VMT screening tools to determine if a presumption of a non-significant transportation impact can be made on the facts of the project. The screening tools include several criteria including a screening criterion for projects whose GHG emissions are less than 3,000 Metric Tons of Carbon Dioxide Equivalent. The County guidelines exempts Multi Family (low rise) Housing projects less than or equal to 147 Dwelling Units. Therefore, the proposed project screens out of a VMT analysis.

CONCLUSION

Based on the above analysis, the project is anticipated to generate 14 trips during the a.m. peak hour, 18 trips during the p.m. peak hour, and 243 net new daily trips. These are below the thresholds requiring a traffic analysis. The project also screens out from a detailed VMT analysis and the impacts are deemed to be less than significant based on the size of the project.