

APPENDIX 6

TRIP GENERATION ASSESSMENT



November 17, 2020

Ms. Kaitlyn Dodson-Hamilton
Tom Dodson & Associates
P.O. BOX 2307
San Bernardino, CA 92406-2307

SUBJECT: MAPLE HILL COMMUNITY FIELDS TRIP GENERATION ASSESSMENT

Dear Ms. Kaitlyn Dodson-Hamilton:

Urban Crossroads, Inc. is pleased to provide the following Trip Generation Assessment for Maple Hill Community Fields development (**Project**) which is located north of Baldwin Lane and west of Maple Lane in the County of San Bernardino within the unincorporated community of Sugarloaf in Big Bear, California.

PROPOSED PROJECT

The proposed Project includes the development of a sports complex that covers approximately 15 acres. The 15 acres is from the Bear Valley Unified School District (SVUSD) that has donated the property to the Bear Valley Unified School District Education Foundation for the purposes of developing outdoor recreation and educational opportunities for their students and the community. A four-field multi-use sports complex is proposed on the 15-acres that would accommodate baseball, softball, and soccer fields (with 250,000 square feet of turf area). The sports complex would be located north of the existing Baldwin Lane Elementary School.

TRIP GENERATION

The Project is proposing to develop a new 15-acre park with sports fields. Trip generation represents the amount of traffic that is attracted and produced by a development and is based upon the specific land uses planned for a given project. The Institute of Transportation Engineers (ITE) Trip Generation Manual (10th Edition, 2017) does not have a suitable rate for park with sports fields. As such, trip generation rates for the Sports Park are based upon data collected by the San Diego Municipal Code in their published Land Development Code Trip Generation Manual, May 2003, for the purposes of this trip generation assessment. The May 2003 version is the most recent version of the San Diego Municipal Code Land Development Code Trip Generation Manual.

Based on the trip generation rates shown in Table 1, the Project trip generation has been calculated and is shown in Table 1. The proposed Project is anticipated to generate 750 trip-ends per day with 30 AM peak hour trips and 60 PM peak hour trips.

TABLE 1: PROPOSED PROJECT TRIP GENERATION SUMMARY

Land Use	ITE LU Code	Units ¹	AM Peak Hour			PM Peak Hour			Daily
			In	Out	Total	In	Out	Total	
Project Trip Generation Rates									
Park (Developed; Sports Fields)	-- ²	AC	1.00	1.00	2.00	2.00	2.00	4.00	50.00

Project	Quantity	Units ¹	AM Peak Hour			PM Peak Hour			Daily
			In	Out	Total	In	Out	Total	
Project Trip Generation									
Park (Developed; Sports Fields)	15.0	AC	15	15	30	30	30	60	750

¹ AC = acres

² Trip Generation Source: San Diego Municipal Code Land Development Code Trip Generation Manual, May 2003.

CONCLUSION

The proposed Project is anticipated to generate fewer than 100 peak hour trips during both the AM and PM peak hours. As such, additional level of service-based analysis is not required per the County of San Bernardino’s Transportation Impact Study Guidelines (dated July 9, 2019).

If you have any questions, please contact me directly at (949) 861-0177.

Respectfully submitted,

URBAN CROSSROADS, INC.



Charlene So, PE
 Associate Principal