Appendix G

Trip Generation Assessment Memorandum

Page intentionally left blank.

FEHR PEERS

MEMORANDUM

Date: May 31, 2018

To: Lee Lisecki, ICF Jones & Stokes, Inc.

From: Netai Basu and Catrina Meyer, Fehr & Peers

Subject: ***Trip Generation Assessment for the Boyle Heights Sports Center Gym Project***

LA18-3035

This memorandum documents the trip generation estimates developed by Fehr & Peers for the proposed indoor community sports center at 2500 Whittier Boulevard in Los Angeles, California. The purpose of this assessment is to determine whether the project would generate a net change in trips that would warrant the preparation of a traffic impact study or a traffic technical memorandum.

PROJECT DESCRIPTION

The project is proposed on the block between Whittier Boulevard to the north, 7th Street to the south, Mathews Street to the west, and Mott Street to the east. Figure 1 shows the project site plan. It is located within the Boyle Heights Community Plan area of the City of Los Angeles. The Bishop Mora Salesian High School and the School of Santa Isabel are located directly to the west of the project site. Other surrounding land uses include elementary and middle schools, single- and multi-family homes, and commercial uses on Whitter Boulevard.

The proposed project would demolish two vacant commercial structures, totaling 3,600 square feet, and construct a 10,000 square foot sports center gym that will include one full-sized basketball court, staff offices, equipment storage, restrooms, showers, and a community room. The proposed site will also include a plaza for special gatherings, pedestrian paths, and additional parking.

The proposed project includes improvements only in the northwest area of the Boyle Heights Sports Center complex. The playground, soccer and baseball fields on the remainder of the recreational facilities will remain as they are.

TRIP GENERATION ESTIMATES

Trip generation estimates were developed for the project using trip generation rates from *Trip Generation, 10th Edition* (Institute of Transportation Engineers [ITE], 2017). Weekday daily and peak hour trips were estimated for the proposed use. As indicated in Table 1, it is estimated that the proposed Recreational Community Facility will generate 288 daily trips, including 18 trips (12 in and 6 out) in the weekday AM peak hour and 23 trips (11 in and 12 out) in the weekday PM peak hour.

CITY OF LOS ANGELES TRAFFIC STUDY THRESHOLD AND CONCLUSION

The City of Los Angeles Department of Transportation (*LADOT Transportation Impact Study Guidelines*, December 2016) has established a standard that requires that a technical memorandum be prepared when:

- A project is likely to add 25 to 42 AM or PM peak hour trips, and
- The project is likely to significantly impact nearby intersection(s) which are presently believed to be operating at LOS E or F.

A traffic impact study is required when a project is likely to add 500 or more daily trips or likely to add 43 or more AM or PM peak hour trips.

Using these standards, the peak hour trip generation of the proposed project, 18 trips in the AM peak hour and 23 trips in the PM peak hour, is below the threshold for requiring either a technical memorandum or a traffic impact study. Even without considering the net trip generation of the proposed project by subtracting the trips that may be generated by the existing uses in the section of the existing park where the project is proposed, the number of trips falls below the LADOT threshold for further study.

If you have any questions or require additional information, please call us at (213) 261-3050. Thank you.

Figure 1

Boyle Heights Sports Center Gym Site Plan

TABLE 1
BOYLE HEIGHTS SPORTS CENTER
TRIP GENERATION ANALYSIS

Land Use	ITE Land Use Code [a]	Size	Trip Generation Rates								Estimated Trip Generation						
			Daily	AM Peak Hour			PM Peak Hour			Trip Rate	Daily	AM Peak Hour			PM Peak Hour		
			Rate	Rate	% In	% Out	Rate	% In	% Out	Unit	Trips	In	Out	Total	In	Out	Total
Recreational Community Center	495	10.00 ksf	28.82	1.76	66%	34%	2.31	47%	53%	per ksf	288	12	6	18	11	12	23

Notes:

[a] Institute of Transportation Engineers (ITE), *Trip Generation, 10th Edition*, 2017.