



MEMORANDUM

Date: April 17, 2017
To: Chris Kern, San Francisco Planning Department
From: Teresa Whinery and Eric Womeldorff, Fehr & Peers
Subject: **Updated Eastern Neighborhoods Traffic Counts**

SF16-0908

Fehr & Peers recently contracted with a traffic count firm to perform additional vehicle counts at key intersections studied in the Eastern Neighborhoods Plan Environmental Impact Report (EIR). These counts were used for analysis of transportation trends presented in a January 12, 2017 letter discussing Eastern Neighborhoods / Mission District Transportation and Demographic Trends.

Traffic counts were originally performed on Tuesday, December 13, 2016 due to the need to provide analysis prior to the appeal hearing for 2675 Folsom Street. While traffic counts are not generally conducted in December, care was taken to perform the counts while local schools were in session, on a day with average weather. The additional counts, taken on Tuesday, April 4, 2017 and on Tuesday, April 11, 2017 are intended to supplement the original counts, and provide a second data point taken in a typical spring month. San Francisco schools were in session on both of the April count dates.

The amended **Table 8** below shows the vehicle counts collected in April. Three of the four intersections are within three percent of PM peak hour traffic volumes collected in December. At the fourth intersection (Valencia / 16th), total PM peak hour vehicle volumes were around eight percent higher, though still within an industry-accepted daily fluctuation level of 10 percent during peak hours. Updating the prior analysis concerning contributions and expected vehicle volumes with these new April counts does not result in any substantive differences in findings presented in Fehr & Peers' January 2017 letter.



TABLE 1: COMPARISON OF OBSERVED AND ESTIMATED TRAFFIC VOLUMES AT MISSION INTERSECTIONS

Intersection	2000 Baseline Total Volume	2025 Option C Projected Volume	2017 To Date Projected Volume¹	2017 Observed Volume²	Net Difference (2017 Observed – 2017 Projected)	% Difference
Guerrero / 16 th	2,704	2,895	2,729	2,652	-77	-3%
S. Van Ness / 16 th	2,513	2,682	2,534	2,688	154	6%
Valencia / 15 th	1,848	2,168	1,885	1,616	-269	-14%
Valencia / 16 th	2,287	2,438	2,311	2,089	-222	-10%
Average					-104	-4%

1. 2017 to date projected volume is derived from the 2000 baseline volume plus 10 percent of Option C added project trips. Actual completed development analyzed in Option C amounts to 25% of studied residential units, and 4% of non-residential new development.

2. Observed volumes are from traffic counts conducted at three intersections on April 4, 2017, and at Guerrero/16th on April 11 2017. Counts at Guerrero were rescheduled due to vandalism of the count equipment.

Source: Fehr & Peers, 2017; Eastern Neighborhoods TIS, 2008