

**May 21, 2020**

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**Re: Trip Generation Assessment for the Proposed Residential Subdivision at 637 Honey Lane in the City of Oakley**

This report presents the results of a trip generation analysis of the proposed residential subdivision at 637 Honey Lane in the City of Oakley . The site plan for the proposed project is shown on the attached **Figure 1**. The proposed project involves construction of a 19 single family homes. The site currently has one single family home.

**PROJECT TRIP GENERATION**

**Trip Generation Calculations Based on the Institute of Transportation Engineers (ITE)**

**Trip Rates** - The trip generation rates for the proposed project are based on the Institute of Transportation Engineers rates for Single Family Homes (ITE Land Use Code 210) taken from the 10th Edition of the ITE Trip Generation Manual. Please note a “trip” is defined in ITE’s Trip Generation publication as a single or one-directional vehicular movement with either the origin or destination at the project sites. As a result, a trip can be either “to” or “from” the site. Consistently, a single visit to a site is counted as two trips (i.e., one to and one from the site).

For the purposes of determining the reasonable worst-case impacts of traffic on the surrounding street network from a proposed project, the trips generated by this proposed development are estimated for the peak commute hours which represent the peak hours of “*adjacent street traffic*”. This is the time period when the project traffic would generally contribute to the greatest amount of congestion. As shown in **Table 1**, the project is forecast to generate an increase of 226 trips per day on an average weekday with about 18 new vehicle trips added during the AM peak hour and 19 trips added during the PM peak hour.

**Table 1**  
**Project Trip Generation Calculations Based on ITE Rates**

<i>Land Use</i>	<i>Size</i>	<i>ADT</i>	<i>AM Peak Hour</i>			<i>PM Peak Hour</i>		
			<i>In</i>	<i>Out</i>	<i>Total</i>	<i>In</i>	<i>Out</i>	<i>Total</i>
Single Family Detached Housing Trip Rates		11.88	0.24	0.72	0.96	0.62	0.37	0.99
Proposed Subdivision	19 units	226	4	14	18	12	7	19

**Source:** ITE Trip Generation, 10th Edition, September, 2018.

Please don't hesitate to contact me if you have any questions or need additional information.

Sincerely,



Stephen C. Abrams  
President, Abrams Associates  
T.E. License No. 1852

