

KBP CONSULTING, INC.

September 7, 2016

Mr. Kevin Sullivan, AICP
Trepanier & Associates, Inc.
1421 First Street
Key West, FL 33045

**Re: Shrimp Farm Affordable Housing – Summerland Key, Florida
Trip Generation Statement**

Dear Kevin:

The Shrimp Farm Affordable Housing development is a proposed residential apartment community to be located on the north side of Overseas Highway / US 1 at the west end of Summerland Key, Monroe County, Florida. The total number of proposed residential dwelling units at this site will be 180. The purpose of this memorandum is to document the trip generation characteristics of the proposed development.

Trip Generation Analysis

A trip generation analysis for the proposed use has been conducted utilizing the trip generation information published by the Institute of Transportation Engineers (ITE) in their *Trip Generation Manual (9th Edition)*. According to the subject documentation, the most appropriate land use category for this development is Land Use #220 – Apartment. The trip generation rates and equations used to determine the vehicle trips associated with this analysis are presented below.

Apartment – ITE Land Use #220

- Daily (wt. avg.) Trip Generation Rate: $T = 6.50 (X)$
where $T = \text{number of trips}$ and $X = \text{number of dwelling units}$
- AM Peak Hour Trip Generation Rate: $T = 0.51 (X)$ (20% in / 80% out)
- PM Peak Hour Trip Generation Rate: $T = 0.62 (X)$ (65% in / 35% out)

Table 1 below summarizes the trip generation characteristics associated with the proposed Shrimp Farm Affordable Housing development on Summerland Key.

Table 1 Shrimp Farm Affordable Housing Trip Generation Analysis US 1 - Summerland Key, Florida								
Land Use	Size	Daily Trips	AM Peak Hour Trips			PM Peak Hour Trips		
			In	Out	Total	In	Out	Total
<i>Proposed</i> Apartments	180 DU	1,170	18	74	92	73	39	112

*Compiled by: KBP Consulting, Inc. (September 2016).
Source: ITE Trip Generation Manual (9th Edition).*

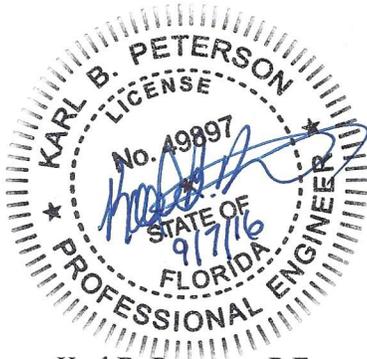
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As indicated in Table 1 on the previous page, the proposed apartment community is anticipated to generate 1,170 daily vehicle trips, 92 AM peak hour vehicle trips (18 inbound and 74 outbound), and 112 PM peak hour vehicle trips (73 inbound and 39 outbound).

If you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

KBP CONSULTING, INC.



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