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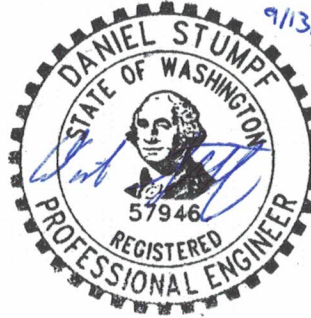
## Memorandum

To: Ryan Stygar  
 Pacific Lifestyle Homes

From: Daniel Stumpf, PE

Date: September 13, 2022

Subject: Monte Verde Subdivision  
 Transportation Impact Study Addendum – Proportionate Share Contributions



### Introduction

This memorandum serves as an addendum to the *Monte Verde Subdivision Transportation Impact Study (TIS)*, dated July 13, 2022. The purpose of this addendum is to update the originally prepared *Proportionate Share Contributions* section of the report in accordance with comments received in a completeness review memorandum from the City of Camas, dated September 7, 2022. The relevant incompleteness item is detailed below:

- 17.11.030.B12: Complete and submit a transportation impact study to determine the adequacy of the transportation system to serve a proposed development and to mitigate impacts of the proposal on the surrounding transportation system
  - Per City of Vancouver preliminary review of the TIA, COV is requesting additional trip distribution information. The applicant is to provide an addendum to the TIA, showing the total number of new PM peak hour trips that will be distributed to the following proportionate share intersections, and calculate the expected fees:

Project Location	Unit Cost per Trip
192 <sup>nd</sup> Ave & SR-14 ramps	\$2,000 per PM peak hour trip
192 <sup>nd</sup> Ave & SE 34 <sup>th</sup> St	\$150 per PM peak hour trip

Following narrative updates and supersedes the *Proportionate Share Contribution* section of the July 13, 2022, TIS.

## Proportionate Share Contributions

Based on input provided by City of Vancouver staff, proportionate share fees are being collected at the following intersections in order to help fund planned intersection improvement projects within the City:

- NE 192<sup>nd</sup> Avenue at NE 13<sup>th</sup> Street
- SE 192<sup>nd</sup> Avenue at SE 34<sup>th</sup> Street
- SE 192<sup>nd</sup> Avenue at SR-14 ramps

As shown in Figure 3 of the TIS (included as an attachment for reference purposes), it is estimated that approximately 20 percent of site trips will impact the intersection of NE 192<sup>nd</sup> Avenue at NE 13<sup>th</sup> Street. Of the total estimated site trips expected to impact this intersection, approximately 15 percent of trips will travel to/from the south along NE/SE 192<sup>nd</sup> Avenue. For the purposes of this analysis, it is assumed all of the site trips traveling to/from the south along NE/SE 192<sup>nd</sup> Avenue will travel to/from SR-14. Therefore, approximately 15 percent of the total site trips generated by the proposed Monte Verde Subdivision will impact the intersections of SE 192<sup>nd</sup> Avenue at SE 34<sup>th</sup> Street and SE 192<sup>nd</sup> Avenue at the SR-14 ramps.

Table 4 below details this transportation improvement project and proportionate share fee contributions attributable to the proposed development.

**Table 1: Proportionate Share Contributions**

Project Location	Unit Cost Per Trip		Peak Hour Trip Impact		Proportionate Share Contribution
	Cost	Time	Trips	Time	
SE 192nd Ave at SR-14 Ramps	\$2,000	PM	5	PM	\$10,000
NE 192nd Avenue at NE 13th Street	\$400	PM	6	PM	\$2,400
SE 192nd Ave at SE 34th St	\$150	PM	5	PM	\$750
<b>Total Proportionate Share Contribution</b>					<b>\$13,150</b>

Based on the projected evening peak hour trip impacts to the transportation facilities detailed in Table 4, the proposed Monte Verde Subdivision is required to contribute approximately \$13,150 toward these intersection improvement projects.

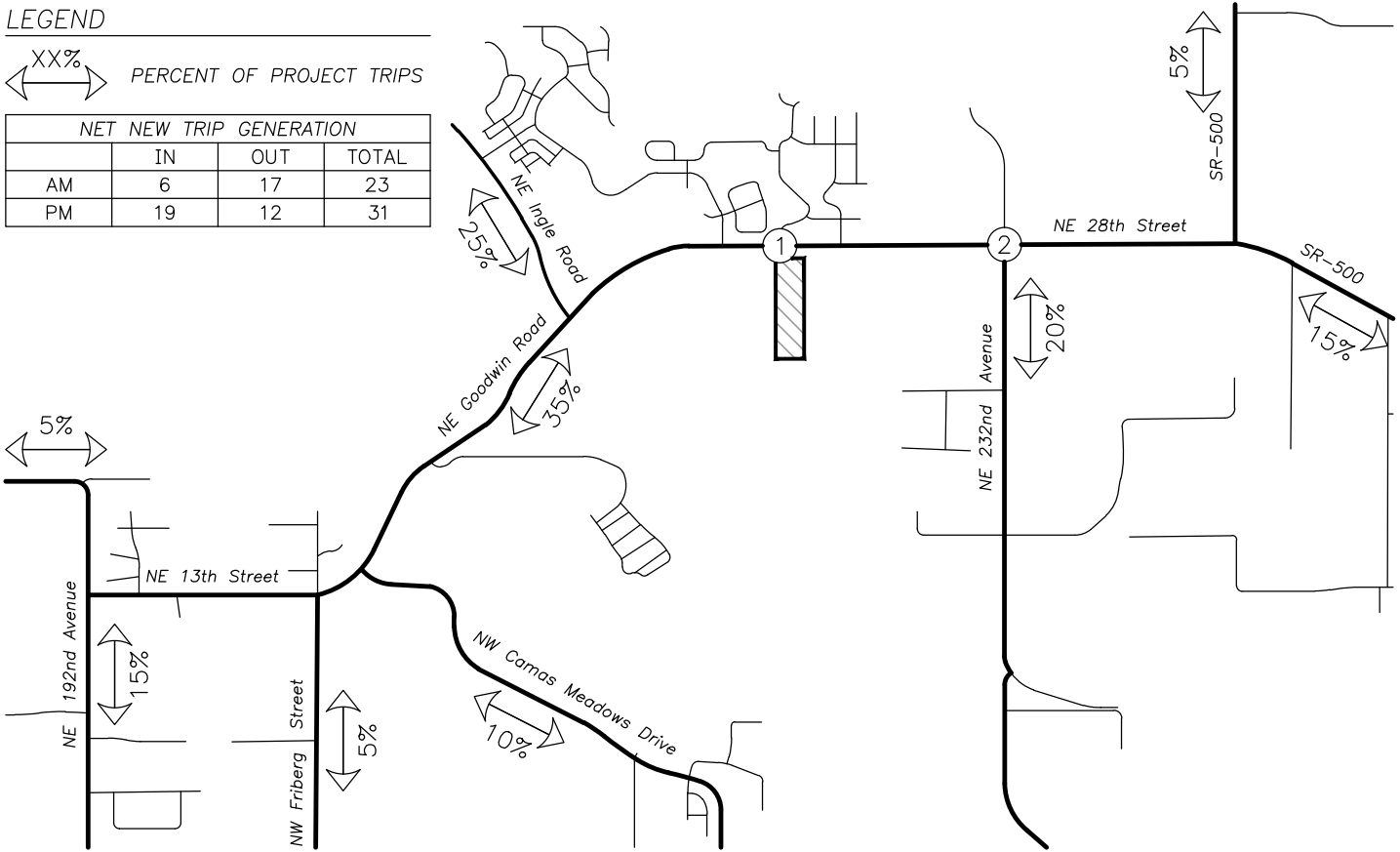
If you have any questions or concerns regarding this analysis or need further assistance, please don't hesitate to contact us.



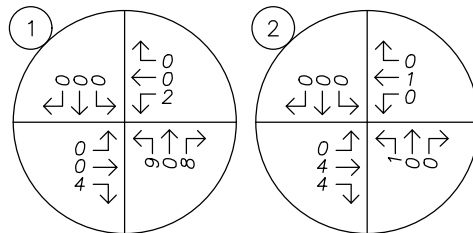
LEGEND

XX% PERCENT OF PROJECT TRIPS

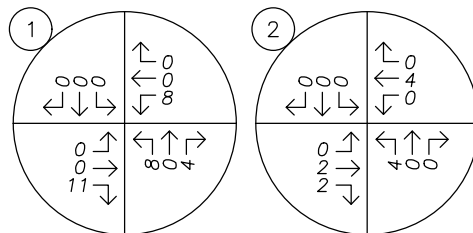
NET NEW TRIP GENERATION			
	IN	OUT	TOTAL
AM	6	17	23
PM	19	12	31



AM PEAK HOUR



PM PEAK HOUR



no scale