#### **Traffic Mitigation Offer to Snohomish County**

The applicant completes part one and submits it to the City with a completed county traffic worksheet. The City completes part two and sends it to the County. The County completes part three and sends it back to the City.

Part One to be completed by Applicant **Basic Development Information** Name of City in which development is located Name of Proposed Development City Project File Number (if known) Name of Applicant Address of Applicant Proportionate Share Calculation: Choose Option A or B Option A: Based on a percentage of the County's adopted impact fee (attach traffic worksheet.) 1. The applicable percentage of the County's fee: 2. Net New Average Daily Traffic: \_\_\_\_\_ 3. The adopted County impact fee for this development: \_\_\_\_\_\_\$/ADT 4. Total Proportionate Share Amount: \$ Option B: Based on a comprehensive traffic study (attach traffic worksheet and traffic study) No road improvements are impacted. Hence, proportionate share amount is zero (\$0). The following road improvements are impacted. The calculation of proportionate shares is summarized below. List by Names/Description the Impacted County **PHTs** Capacity Proportionate Share County Projects (attach other pages if Project Impacting Cost per Obligation per Impacted Project necessary) Project PHT 1 2. 4. Total Proportionate Share Amount (sum of obligations for each impacted project) Trip Distribution and Assignment if required If required, attach AM and PM peak-hour trip distribution and assignment. Attach traffic worksheet showing whether or not it is required and traffic study. Mitigation of other impacts if required for developments generating more than 50 Peak-Hour Trips Mitigation of Impacts on Level of Service No impact or not applicable \_\_ Mitigation as described in attached traffic study. Mitigation of Impacts on Inadequate Road Conditions \_\_ Mitigation as described in attached traffic study. No impact or not applicable Mitigation for Impacts on Access or Circulation \_ No impact or not applicable Mitigation as described in attached traffic study. Written Offer The Applicant hereby voluntarily agrees to pay the total proportionate share amount shown above for impacts of the proposed development on the capacity of Snohomish County roads and provide mitigation of all other impacts as indicated above and described in attached documents. Date: Signature by Authorized Official of Applicant or Authorized Representative Print Name and Title Instructions to Applicant. Submit this Offer, a completed county traffic worksheet, and any other attachments to the City with your initial application or send directly to Contact.pwCMS@snoco.org.

Part Two: To be completed by the City
Receipt of Written Offer and attachments by City and routing to County
Name of Proposed Development
City Project File Number
Date Received
City Staffer Assigned to Project
Address
Phone
Instructions to City. Send this offer and all attachments to Contact.pwCMS@snoco.org
Received by:
TM.
Initialed by City Staffer Print Name and Title
Time rame and rate
Part Three: To be completed by Snohomish County
Receipt of Offer and attachments by Snohomish County and routing back to City
Name of Proposed Development Marysville 44th PRD
City Project File Number PA 22-024
Received by:
Date: 6/21/2023 Associate Land Development Analyst
Initialed by County Staffer Print Name and Title
Snohomish County Mitigation Request to City
Snohomish County has reviewed the traffic study worksheet and mitigation offer submitted by the applicant and has determined as follows:
X Snohomish County requests that the City impose the mitigation offered above as a condition of approval for the Development. Snohomish County agrees to accept changes in the mitigation payment amount shown above resulting from TDM or lot-yield adjustments approved by the City.  Snohomish County requests that the City require additional supplemental information to adequately evaluate the proposed development's impacts.  ☐ The information requested is shown in the notes below.
By:
Monica Summerset Date: 6/21/2023 Associate Land Development Analyst
Signature by Authorized County Staffer Print Name and Title
Routing Back to City
Instructions to County Send this offer and all attachments to the City Staffer shown in Part Two above.
Sent by:
Date:
Initialed by City Staffer Print Name and Title
Notes



#### **MEMORANDUM**

**DATE:** September 22, 2022

**TO:** Jesse Hannahs, P.E.

City of Marysville

**FROM:** Grayson Reim / Curtis Chin, P.E.

**TENW** 

**SUBJECT:** Updated Traffic Impact Analysis

Marysville 44 Residential – Toll Brothers

TENW Project No. 2022-203



9/23/2022

This memorandum documents the traffic impact analysis (TIA) completed for the proposed Marysville 44 Residential project located at 7315 and 7417 44<sup>th</sup> Street NE. This memo includes a project description, trip generation calculations, a project trip distribution/assignment, and mitigation. This is an update to our previous TIA dated June 30, 2022 and addresses your comments dated July 26, 2022 and August 15, 2022.

### **Project Description**

The proposed Marysville 44 Residential site is located east of  $67^{th}$  Ave NE and north of  $44^{th}$  Street NE as shown in the **Attachment A** Vicinity Map. The project proposal includes up to 38 single-family detached units on site that is currently occupied by two (2) existing single-family homes; both existing homes will be removed as part of the development of the proposed project. Vehicular access is proposed via two new full-access driveways on the proposed extension of  $75^{th}$  Ave NE between  $46^{th}$  Place NE and  $44^{th}$  Street NE. A preliminary site plan is shown in **Attachment B**.

### **Project Trip Generation**

Trip generation estimates associated with the proposed project for weekday daily and the AM peak hour were based on trip rates documented in the Institute of Transportation Engineers (ITE) Trip Generation Manual, 11th Edition for Land Use Code (LUC) 210 (Single-Family Detached Housing). For the weekday PM peak hour, a trip rate of 1.0 trip per single-family dwelling unit was used consistent with the City of Marysville's – 2021 Traffic Impact Analysis Guidelines. The resulting net new weekday daily, AM, and PM peak hour trips (proposed less existing) are summarized in **Table 1**. A detailed trip generation estimate is included in **Attachment C**.

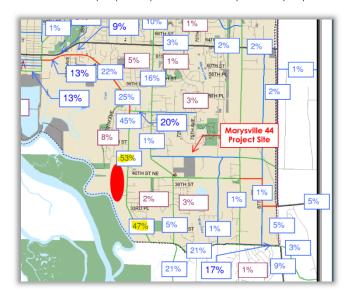
**Table 1. Trip Generation Summary** 

Table II IIIp Collectanon	<del>, , , , , , , , , , , , , , , , , , , </del>					
	Net New Trips Generated					
Time Period	In	Out	Total			
Weekday Daily	169	170	339			
Weekday AM Peak Hour	7	19	26			
Weekday PM Peak Hour	23	13	36			

As shown in **Table 1**, the proposed project is estimated to generate 339 net new weekday daily trips, with 26 trips occurring during the weekday AM peak hour (7 in, 19 out) and 36 trips during the weekday PM peak hour (23 in, 13 out).

### Project Trip Distribution and Assignment

The distribution of project-generated trips during the weekday peak hour was estimated based on a City of Marysville traffic model distribution. The City's distribution figures are included in **Attachment D**. The snip below shows the general distribution of project trips in the vicinity of the project site.



As shown in the snip above, we would anticipate 53% of the project trips to be generally destined to/from the north of the site and 47% of project trips to/from the south of the site. Based on a peak hour trip generation of 36 net new PM peak hour project trips (23 inbound and 13 outbound), no arterial/arterial intersection would be impacted by 25 or more peak hour trips.

The City of Marysville Traffic Impact Analysis (TIA) guidelines include a 25 peak hour trip Intersection Analysis Impact Threshold. Based on the information presented in this memo, no arterial intersections would be impacted by 25 or more trips. Therefore, no intersection analysis would be required for this project.

### Mitigation

The following summarizes the measures proposed to mitigate the transportation impacts of the proposed *Marysville 44 Residential* project.

City of Marysville Mitigation. The City of Marysville requires payment of transportation impact fees to help fund planned roadway improvements throughout the City. Transportation impact fees for the *Marysville 44 Residential* project were calculated based on the trip generation estimate documented in this TIA and the City of Marysville's currently adopted transportation impact fee rate of \$6,300 per PM peak hour trip. The proposed *Marysville 44 Residential* project is estimated to generate 36 net new PM peak hour trips. As a result, the estimated City of Marysville transportation impact fee is \$226,800 (\$6,300 X 36 PM peak hour trips).



Soper Hill Road & 87<sup>th</sup> Ave NE Roundabout Proportionate Share. The City of Marysville and the City of Lake Stevens have an interlocal agreement (ILA) to collect impact fees for the construction of the Soper Hill Road & 87<sup>th</sup> Ave NE roundabout. Impact fees are based on a rate of \$1,700 per PM peak hour trip. Based on the trip distribution included in **Attachment D**, 18% of the project trips are anticipated to impact the Soper Hill Road / 87<sup>th</sup> Ave NE intersection. As a result, the project's impact fee to the Soper Hill Road & 87<sup>th</sup> Ave NE roundabout would be based on 6.48 PM trips (36 PM Trips X 18%). The estimated proportionate share impact fee for the Soper Hill Road & 87<sup>th</sup> Ave NE roundabout is \$11,016 (\$1,700 X 6.48 PM peak hour trips).

Snohomish County Mitigation. The City of Marysville and Snohomish County have adopted an interlocal agreement whereby developments in Marysville must assess potential mitigation for impacts on Snohomish County roadway facilities. Mitigation fees to Snohomish County are based on predetermined distribution percentages according to location or specific project impacts to planned roadway improvements. As documented in the interlocal agreement, City of Marysville developments are only required to pay traffic mitigation fees for improvements in Snohomish County's Transportation Needs Report (TNR) impacted by at least three (3) directional peak hour trips. Based on the project trip distribution and assignment, the proposed Marysville 44 Residential project would not impact any Snohomish County TNR project with three (3) directional peak hour trips. Therefore, the Marysville 44 Residential project is not required to pay traffic mitigation fees to Snohomish County.

If you have any questions regarding the information presented in this memo, please contact me at (425) 250-5003 or chin@tenw.com.

cc: David Morse – Toll Brothers Jeff Schramm, Principal – TENW

Attachments: A. Project Vicinity Map

B. Preliminary Site Plan

C. Trip Generation Calculations

D. City of Marysville Trip Distribution Exhibits











## ATTACHMENT C

# Trip Generation Calculations

### Marysville 44 Residential (Marysville) Trip Generation Summary

			Generalion					
		ITE	Directional Distribution <sup>2</sup>			Trips Generated		
Land Use	Units <sup>1</sup>	LUC <sup>2</sup>	In	Out	Trip Rate <sup>2, 3</sup>		Out	Total
Daily	00	200			p ive.e			
<u>Proposed Use:</u> Single-Family Detached Housing	38 DU	210	50%	50%	9.43	179	179	358
Existing Uses:								
Single-Family Detached Housing	2 DU	210	50%	50%	9.43	-10	-9	-19
				Gross Proposed Weekday Daily Trips = Less Existing Uses =			179 -9	358 -19
				Net New	Weekday Daily Trips =	169	170	339
AM Peak Hour								
Proposed Use:								
Single-Family Detached Housing	38 DU	210	26%	74%	0.70	7	20	27
Less Existing Uses:								
Single-Family Detached Housing	2 DU	210	26%	74%	0.70	0	-1	-1
				Gross Proposed AM Peak Hour Trips = Less Existing Uses =		7 0	20 -1	27 -1
				Net New	AM Peak Hour Trips =	7	19	26
PM Peak Hour								
Proposed Use:								
Single-Family Detached Housing	38 DU	210	63%	37%	1.00	24	14	38
Less Existing Uses:	2 DH	210	63%	37%	1.00	-1	-1	-2
Single-Family Detached Housing	2 DU	210	63%					
				Gross Propos	ed PM Peak Hour Trips = Less Existing Uses =	24 -1	14 -1	38 -2
				Net New	PM Peak Hour Trips =	23	13	36

#### Notes:

<sup>1.</sup> DU = Dwelling Units

<sup>2.</sup> Land use code, directional distribution and trip rates from Institute of Transportation Engineers (ITE), Trip Generation Manual (11th Edition), 2021, excepting for PM Peak Hour trip rate.

<sup>3.</sup> PM Peak Hour trip rate is set to 1.00 per pg 6. Section 1-b of the City of Marysville memo "City of Marysville - Traffic Impace Analysis Guidelines".

### ATTACHMENT D

# City of Marysville Trip Distribution Exhibits

