

City of Puyallup Traffic Scoping Worksheet

PROJECT INFORMATION

Project Title: Cascade Christian School Expansion Date: 2/24/2025

Applicant Name: Cascade Christian School Telephone Number: (253)-841-1776

Project Description: Portable Additions (see report for add. narrative) Year of Occupancy: 2025

Project Location: PN: 0420352148 (811 21st Street SE) Parcel Size: 17-acres

Proposed Number of Access Point(s): 2 Existing Number of Access Point(s): 2

Land Use	Quantity (students)	ITE Land Use Code	Average Daily Trips	AM Peak Hour Trips*	PM Peak Hour Trips*
Existing Use(s): Cascade Christian Center					
K-12 Private School	925				
Proposed Use(s): Cascade Christian Center Addition					
K-12 Private School	416	532	1031.7	332.8	70.7
Net New Trips	1341 students		1031.7	332.8	70.7
Traffic Impact Fees: Net New PM Peak Hour Trips x \$4,500 = \$318,150					

- * The project trips shall be rounded to the nearest tenth.
- * The project trips shall be estimated using the ITE's *Trip Generation*, 11th Edition.
- * Trip generation regression equations shall be used when the R² value is 0.70 or greater.
- * For land uses that do not exist within the ITE's *Trip Generation*, actual field data shall be collected from three local facilities that have similar characteristics to the proposal.
- * For single-family units and offices and specialty retail smaller than 30,000 SF, use ITE's *Trip Generation*, 11th Edition, average rate.

Identify all intersections that will be affected by 25 new project peak hour trips or more:

1. See TIA 4. _____
2. _____ 5. _____

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Office Use Only

TIS TAS TAIS No Further Work Required

Checklist (Please make sure you have included the following information):

- Completed Worksheet
- Attach Site Plan
- Attach Trip Assignment
- Attach Trip Distribution
- Mail or hand deliver to 333 South Meridian, Puyallup, WA 98371 or e-mail to broberts@puyallupWA.gov

Private School (K-12) (532)

Vehicle Trip Ends vs: Students
On a: Weekday

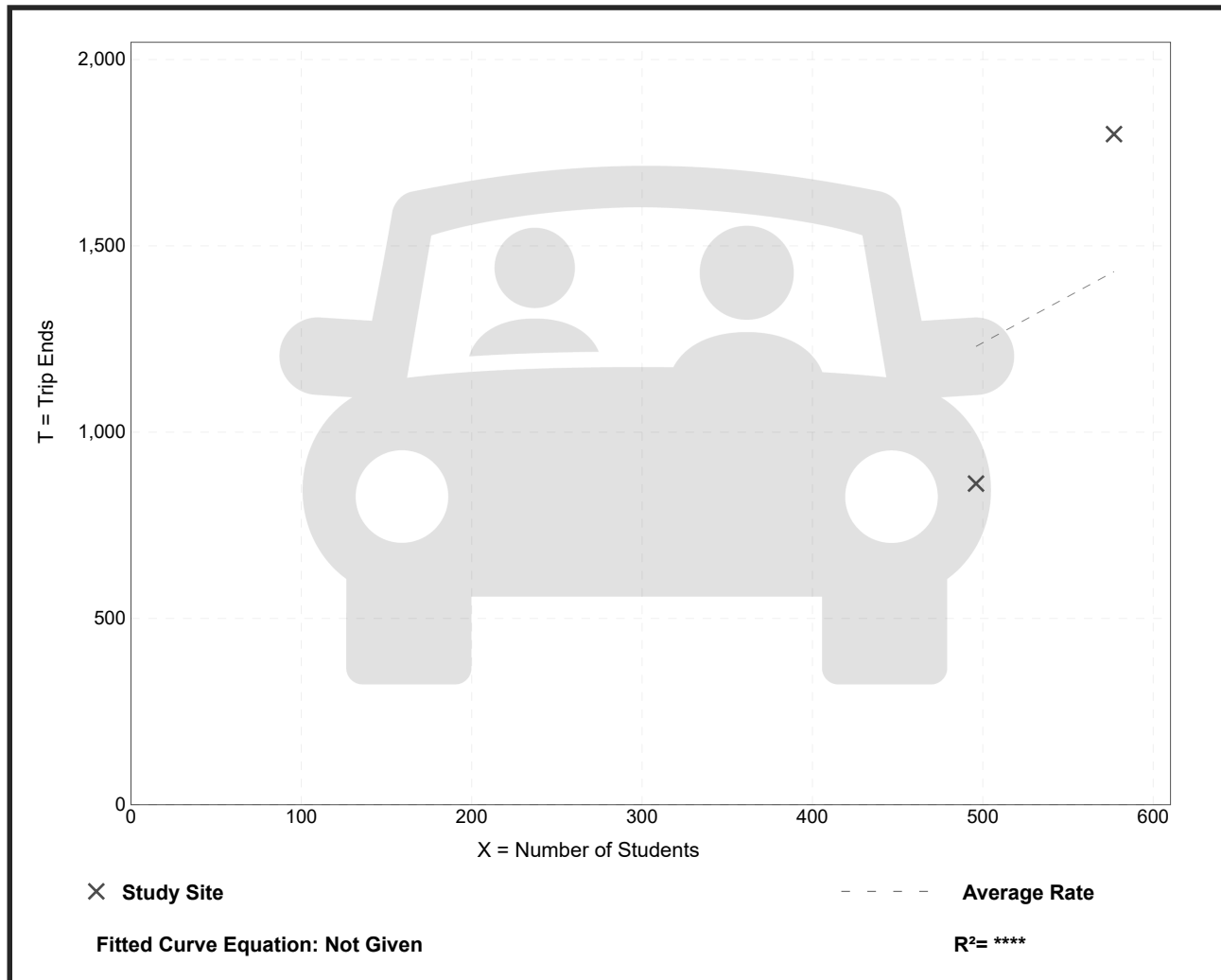
Setting/Location: General Urban/Suburban
Number of Studies: 2
Avg. Num. of Students: 537
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Student

Average Rate	Range of Rates	Standard Deviation
2.48	1.74 - 3.12	*

Data Plot and Equation

Caution – Small Sample Size



Private School (K-12) (532)

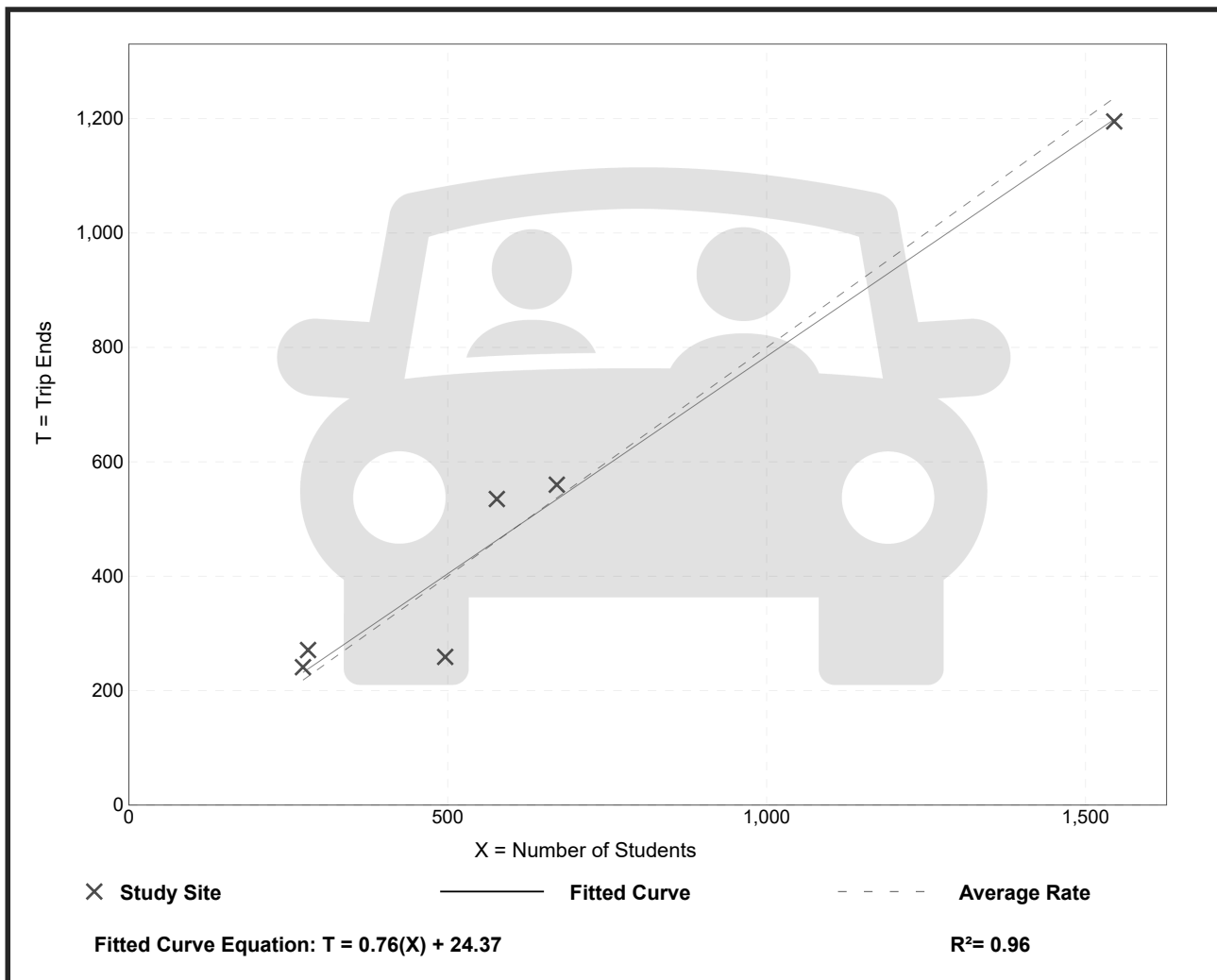
Vehicle Trip Ends vs: Students
On a: Weekday,
AM Peak Hour of Generator

Setting/Location: General Urban/Suburban
 Number of Studies: 6
 Avg. Num. of Students: 641
 Directional Distribution: 63% entering, 37% exiting

Vehicle Trip Generation per Student

Average Rate	Range of Rates	Standard Deviation
0.80	0.52 - 0.96	0.14

Data Plot and Equation



Private School (K-12) (532)

Vehicle Trip Ends vs: Students
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.

Setting/Location: General Urban/Suburban
 Number of Studies: 3
 Avg. Num. of Students: 581
 Directional Distribution: 43% entering, 57% exiting

Vehicle Trip Generation per Student

Average Rate	Range of Rates	Standard Deviation
0.17	0.13 - 0.23	0.06

Data Plot and Equation

Caution – Small Sample Size

