City of Puyallup Traffic Scoping Worksheet

PROJECT INFORMATION

Project Title: Larson Jeep Date: 5/20/2021

Applicant Name: Mr. Marc Pudists Telephone Number: 253-405-4474

Project Description: 5,303 sq. ft. New Auto Sales Building Year of Occupancy: 2023

Project Location: PN: 0420214027, 0420214010, 0420281154 Parcel Size: 3.05-acres

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

Land Use	Quantity	ITE Land Use Code	Average Daily Trips	AM Peak Hour Trips*	PM Peak Hour Trips*
Proposed Use(s)					
Auto Sales (New)	5,303 sq. ft.	840	147.6	9.9	12.9
Net New Trips			147.6	9.9	12.9
Traffic Impact Fees: Net New PM Peak Hour Trips x $4,500 = $58,050					

- The project trips shall be rounded to the nearest tenth.
- The project trips shall be estimated using the ITE's *Trip Generation*, 10th Edition.
- Trip generation regression equations shall be used when the R^2 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*, 10th Edition, average rate.

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

1. None 4. _____
2. _____ 5. _____
3. _____ 6. _____
4. _____ 8. _____

Prepared by: Traffic Engineer: Aaron Van Aken, P.E Telephone Number: 253-770-1401

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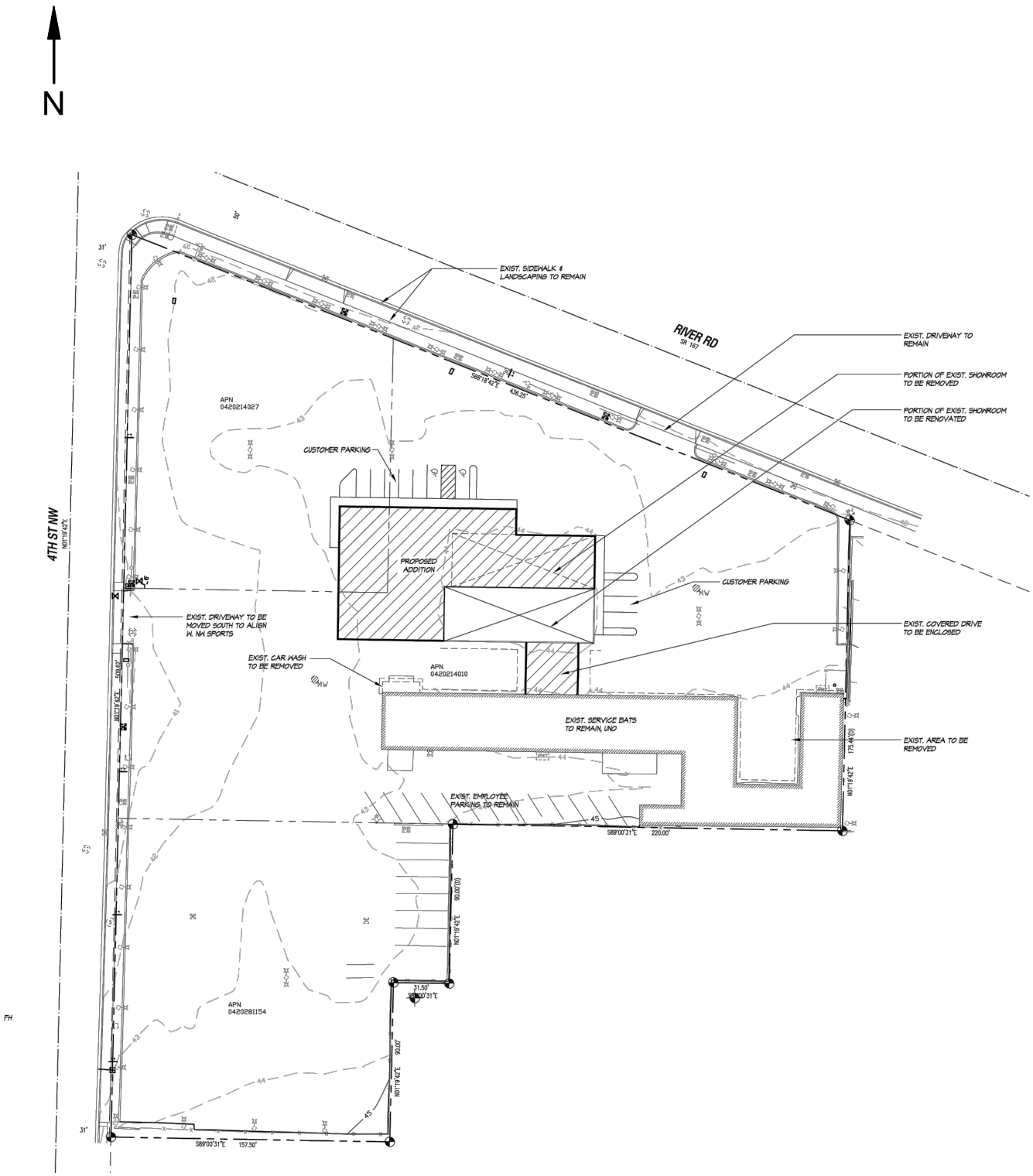
Office Use Only

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 standle@ci.puyallup.wa.us



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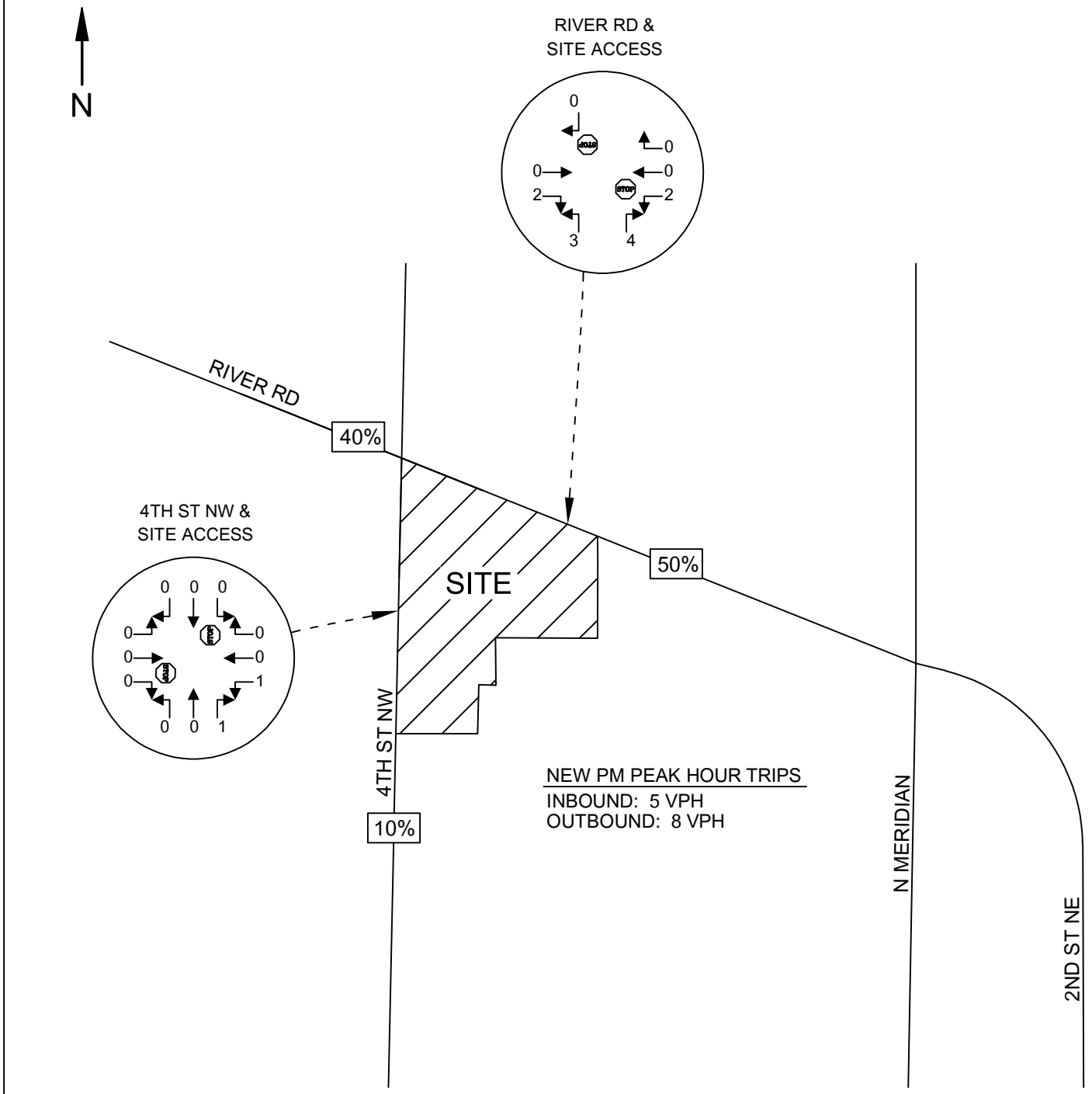
TRAFFIC AND CIVIL ENGINEERING

LARSON JEEP

SITE PLAN
FIGURE 1



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PM PEAK HOUR TRIP DISTRIBUTION & ASSIGNMENT
FIGURE 2

Automobile Sales (New)
(840)

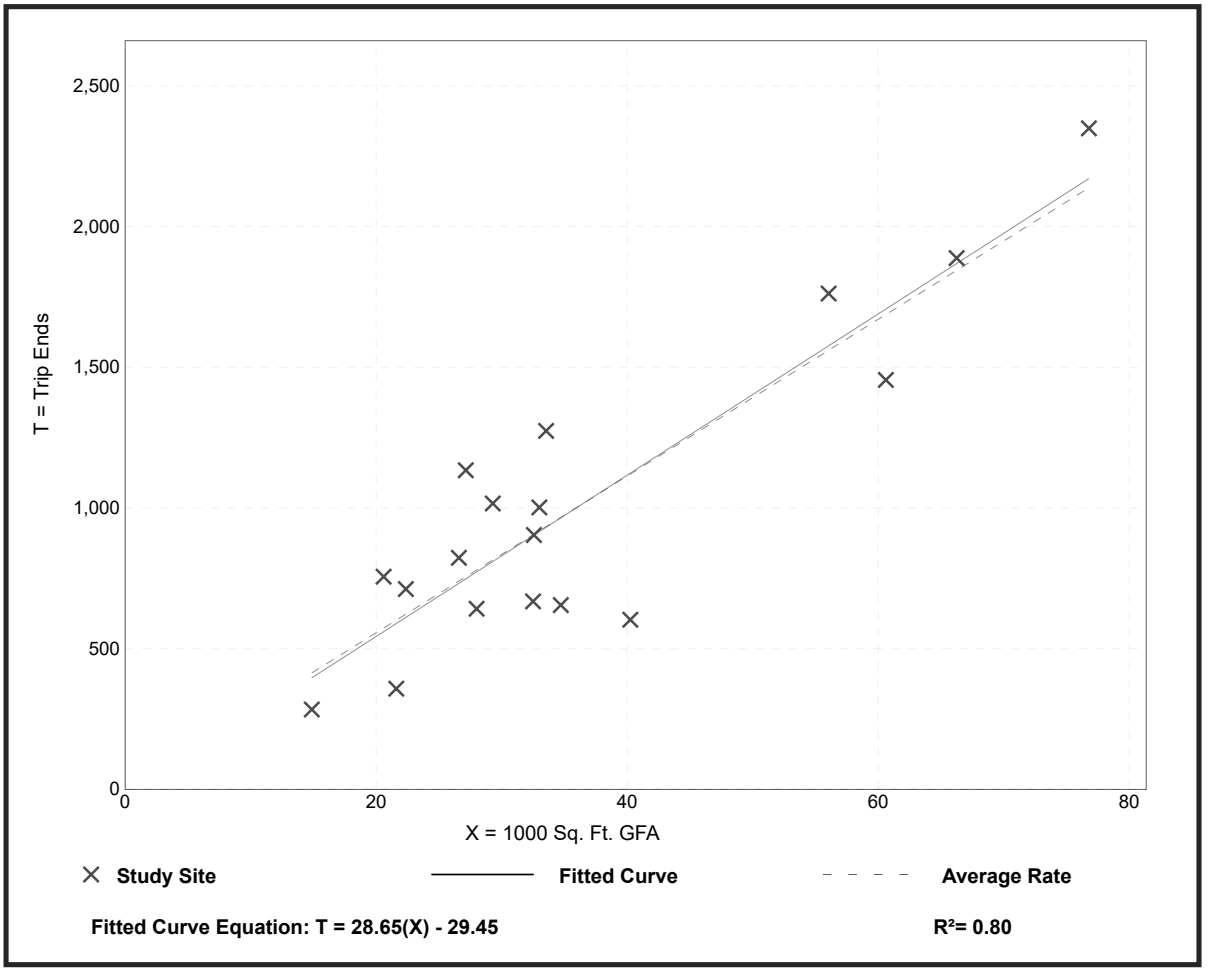
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday

Setting/Location: General Urban/Suburban
Number of Studies: 18
Avg. 1000 Sq. Ft. GFA: 36
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
27.84	14.98 - 41.78	7.01

Data Plot and Equation



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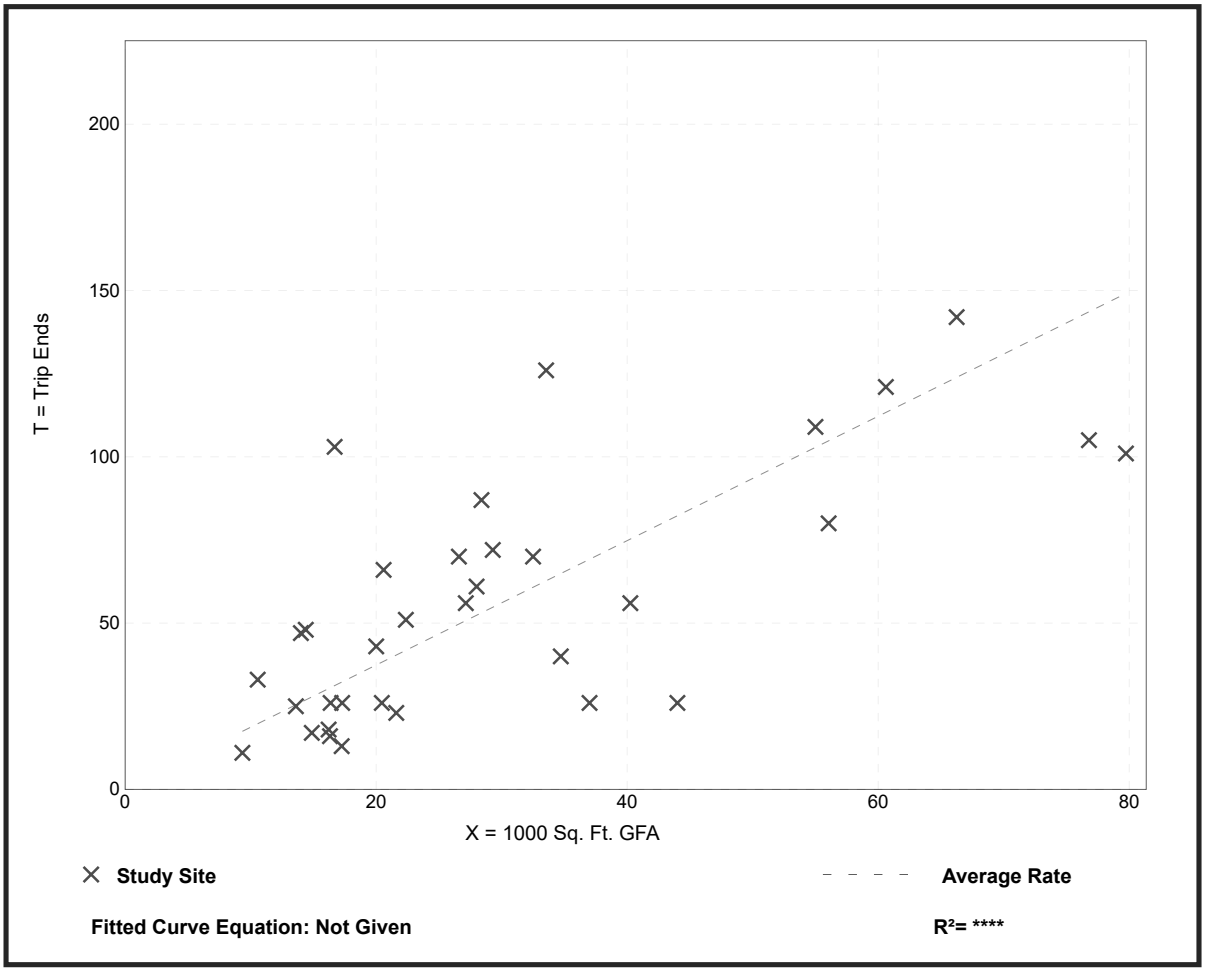
Automobile Sales (New)
(840)

Vehicle Trip Ends vs: **1000 Sq. Ft. GFA**
On a: **Weekday,**
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.
Setting/Location: **General Urban/Suburban**
Number of Studies: 34
Avg. 1000 Sq. Ft. GFA: 31
Directional Distribution: 73% entering, 27% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
1.87	0.59 - 6.17	0.95

Data Plot and Equation



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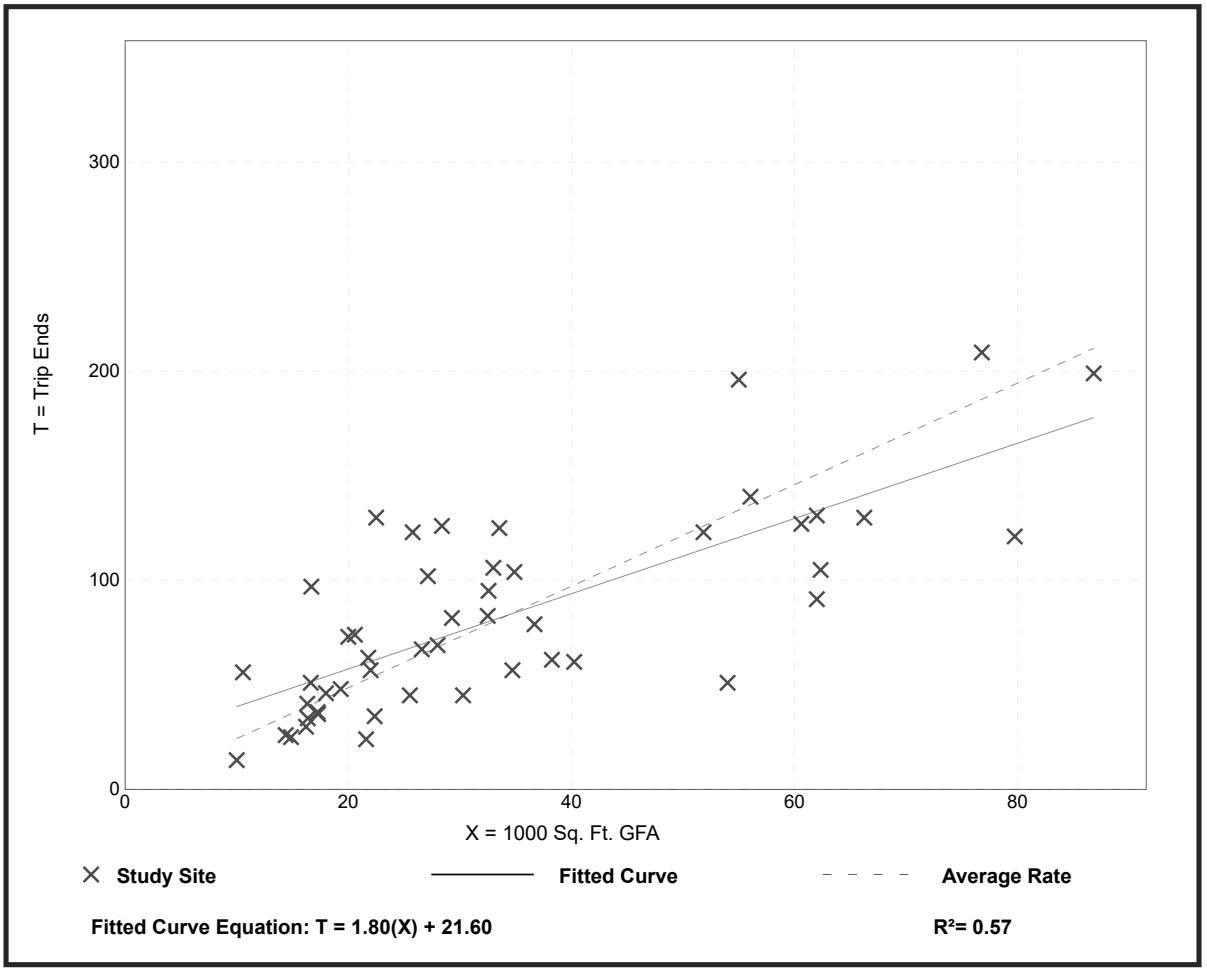
Automobile Sales (New)
(840)

Vehicle Trip Ends vs: **1000 Sq. Ft. GFA**
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: 49
Avg. 1000 Sq. Ft. GFA: 34
Directional Distribution: 40% entering, 60% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
2.43	0.94 - 5.81	0.99

Data Plot and Equation



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