

# City of Puyallup Traffic Scoping Worksheet

## PROJECT INFORMATION

Project Title: 5th Street CUP Date: 3/8/2022

Applicant Name: Ms. Tracy Taylor Telephone Number: N/A

Project Description: No defined tenant-General Light Industrial shell. Year of Occupancy: 2023

Project Location: PN: 7285000112 Parcel Size: 0.23-acres

Proposed Number of Access Point(s): 1 Existing Number of Access Point(s): 0

Land Use	Quantity	ITE Land Use Code	Average Daily Trips	AM Peak Hour Trips*	PM Peak Hour Trips*
Existing Use(s)					
Undeveloped	-	-	-	-	-
Proposed Use(s)					
General Light Industrial	3,150 Square Feet	110	15.3	2.3	2.0
<b>Net New Trips</b>			15.3	2.3	2.0
<b>Traffic Impact Fees:</b> Net New PM Peak Hour Trips x \$4,500 = \$9,000					

- \* The project trips shall be rounded to the nearest tenth.
- \* The project trips shall be estimated using the ITE's *Trip Generation*, 11<sup>th</sup> Edition.
- \* Trip generation regression equations shall be used when the R<sup>2</sup> 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*, 10<sup>th</sup> 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 Telephone Number: 253-770-1401

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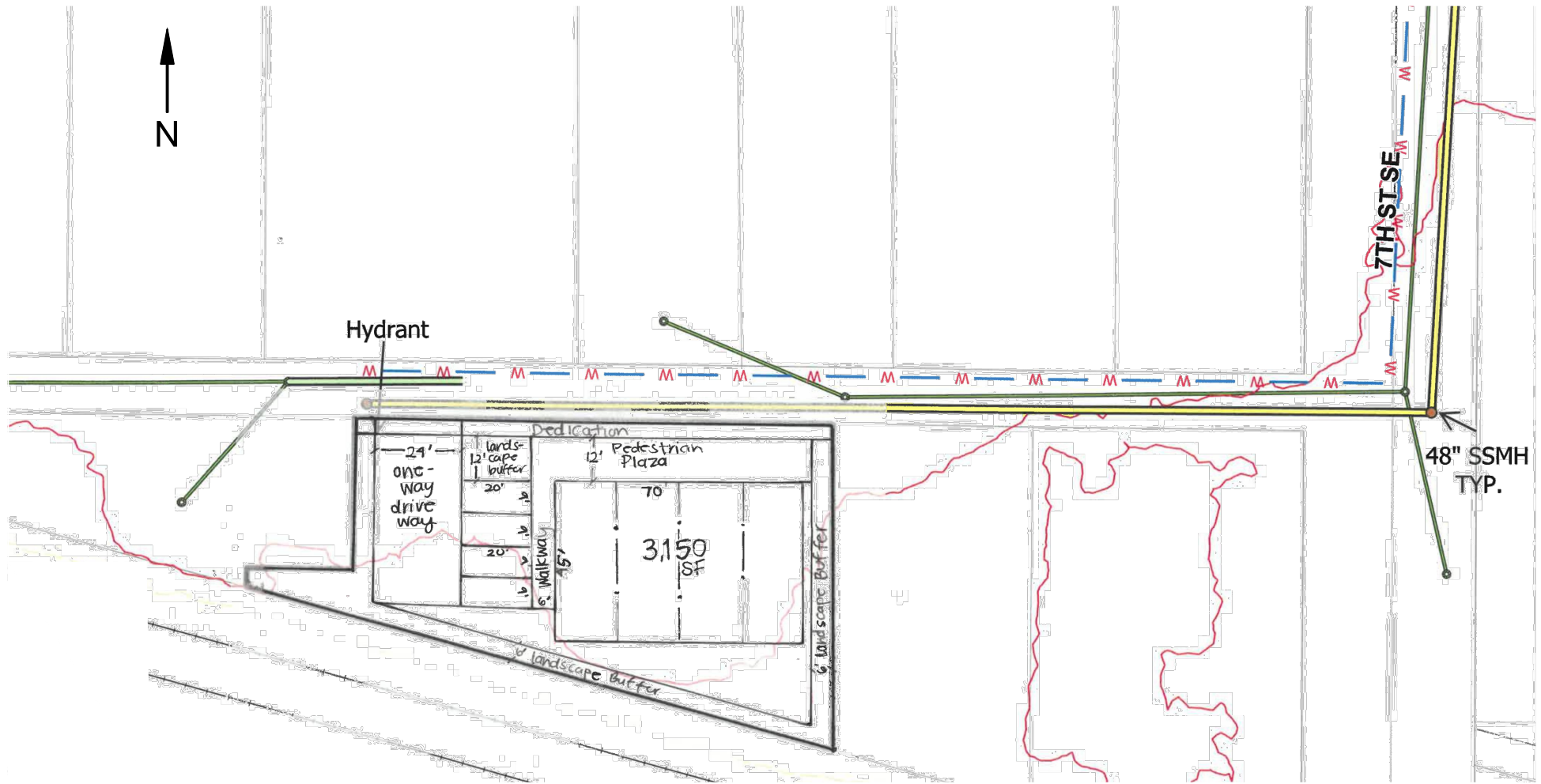
**Office Use Only**

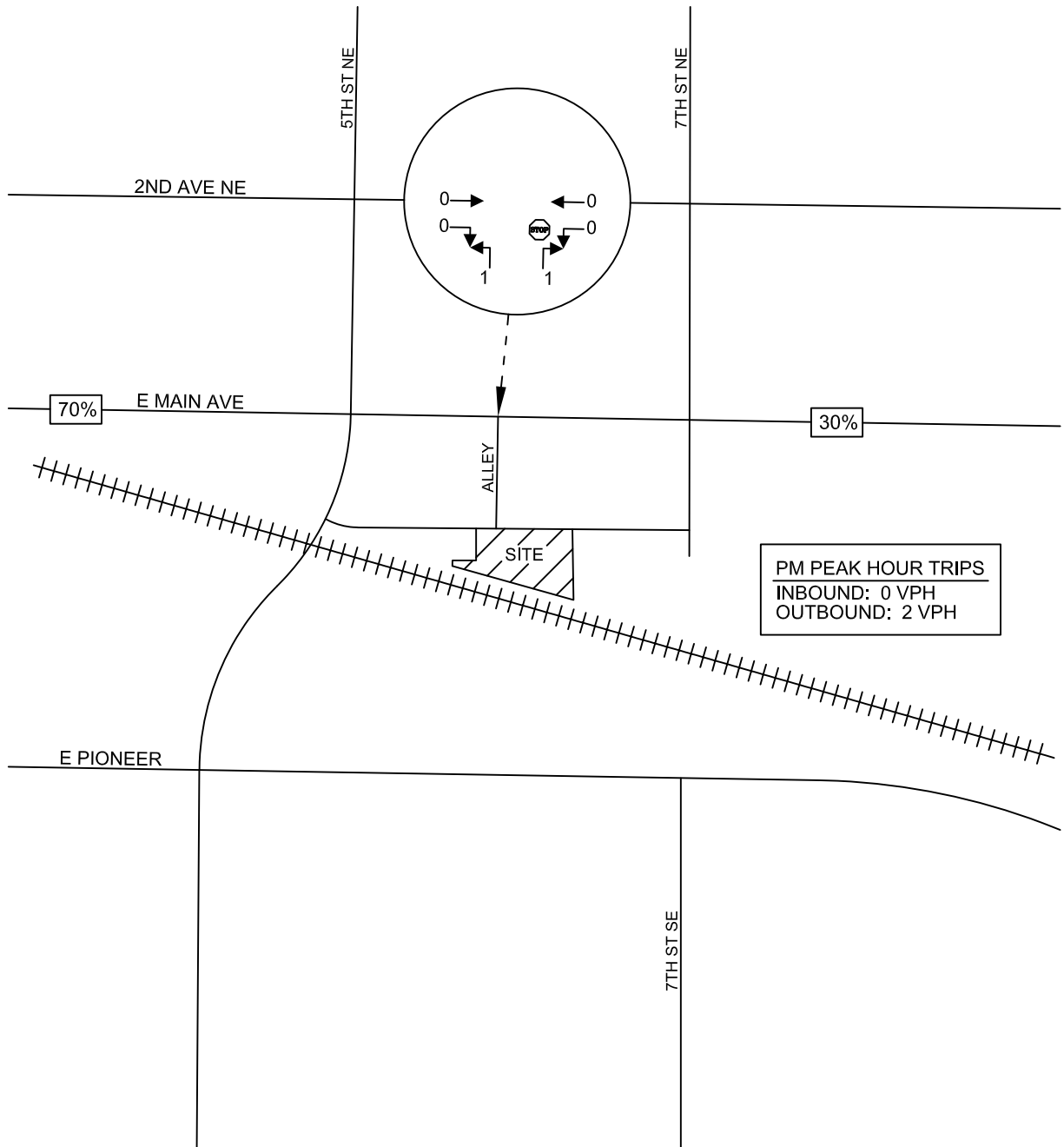
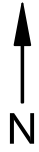
TIS  TAS  TAIS  No Further Work Required

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





**HEATH & ASSOCIATES**  
TRAFFIC AND CIVIL ENGINEERING

**5TH STREET CUP**  
PM PEAK HOUR TRIP DISTRIBUTION & ASSIGNMENT  
FIGURE 2

# General Light Industrial (110)

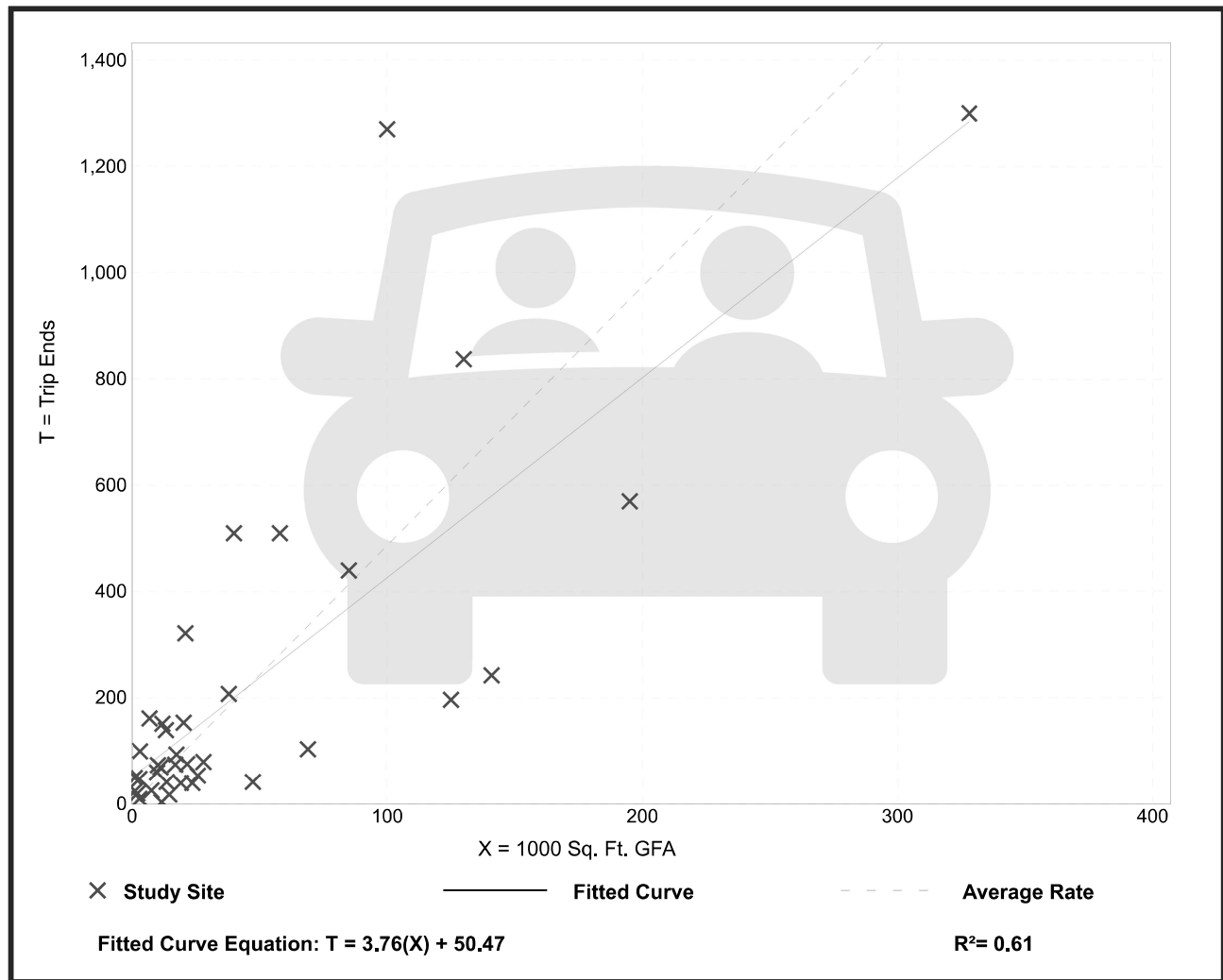
**Vehicle Trip Ends vs: 1000 Sq. Ft. GFA**  
**On a: Weekday**

**Setting/Location: General Urban/Suburban**  
Number of Studies: 37  
Avg. 1000 Sq. Ft. GFA: 45  
Directional Distribution: 50% entering, 50% exiting

## Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
4.87	0.34 - 43.86	4.08

## Data Plot and Equation



# General Light Industrial (110)

**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.**

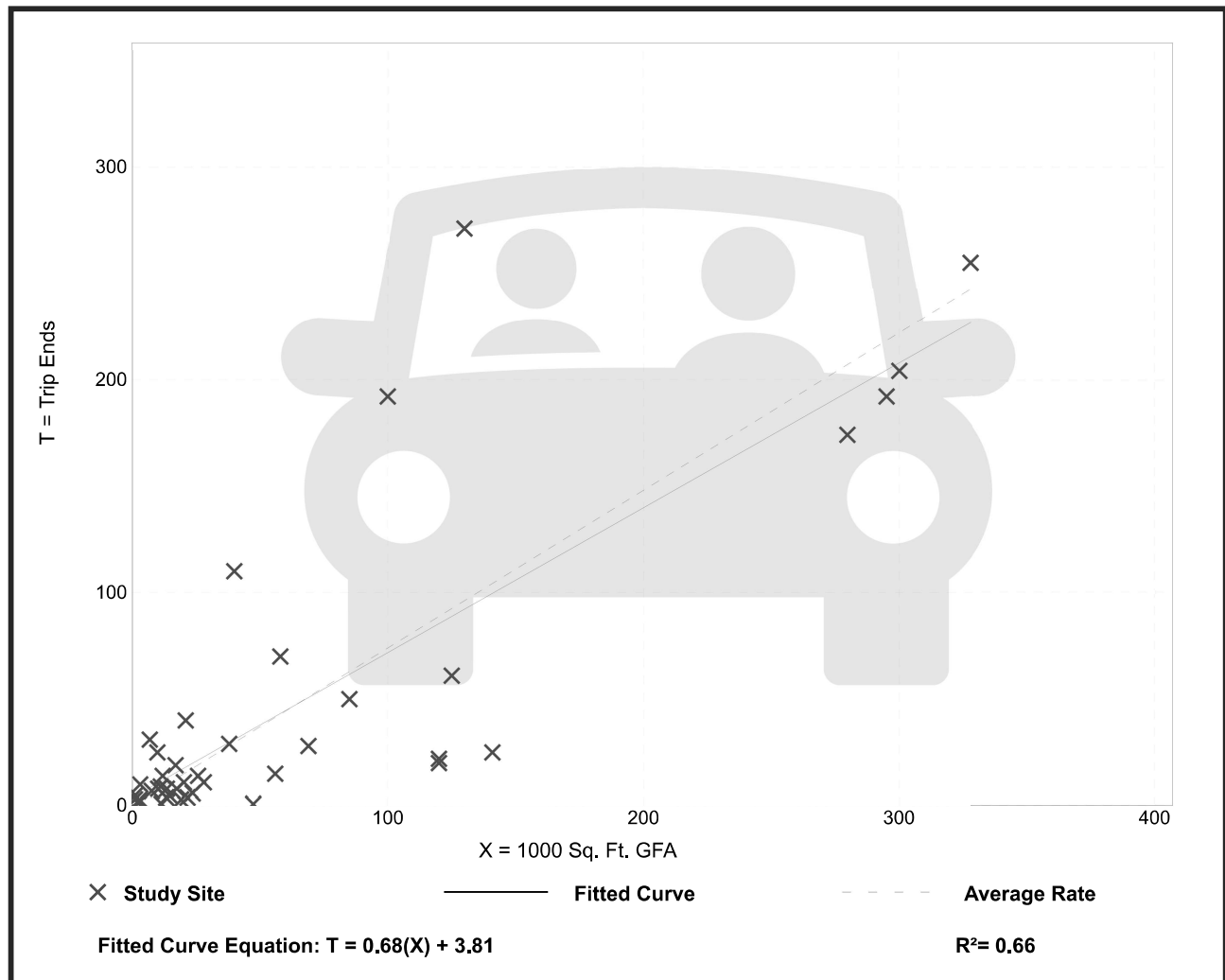
**Setting/Location: General Urban/Suburban**

Number of Studies: 41  
 Avg. 1000 Sq. Ft. GFA: 65  
 Directional Distribution: 88% entering, 12% exiting

## Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.74	0.02 - 4.46	0.61

## Data Plot and Equation



# General Light Industrial (110)

**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.**

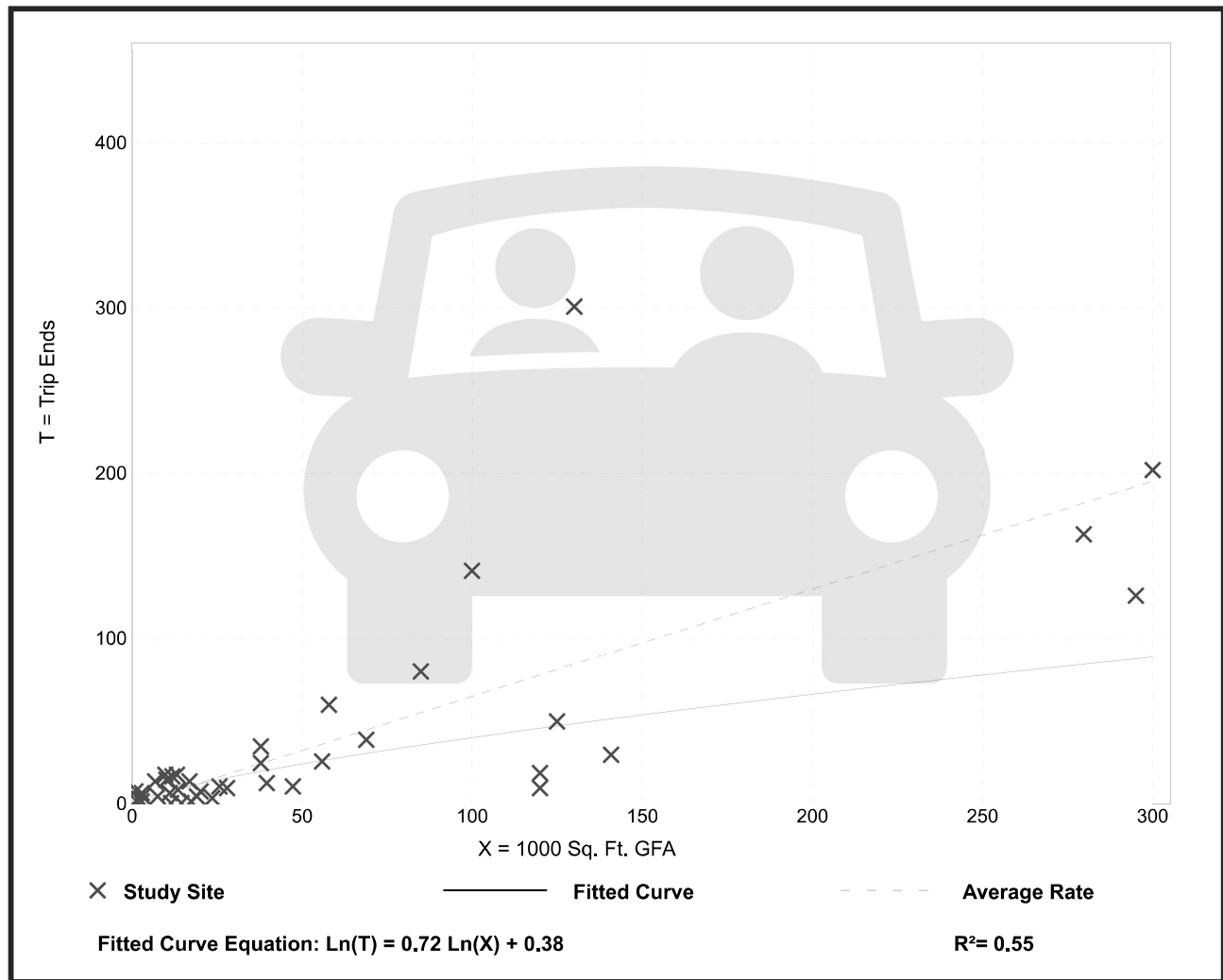
**Setting/Location: General Urban/Suburban**

Number of Studies: 40  
 Avg. 1000 Sq. Ft. GFA: 58  
 Directional Distribution: 14% entering, 86% exiting

## Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.65	0.07 - 7.02	0.56

## Data Plot and Equation

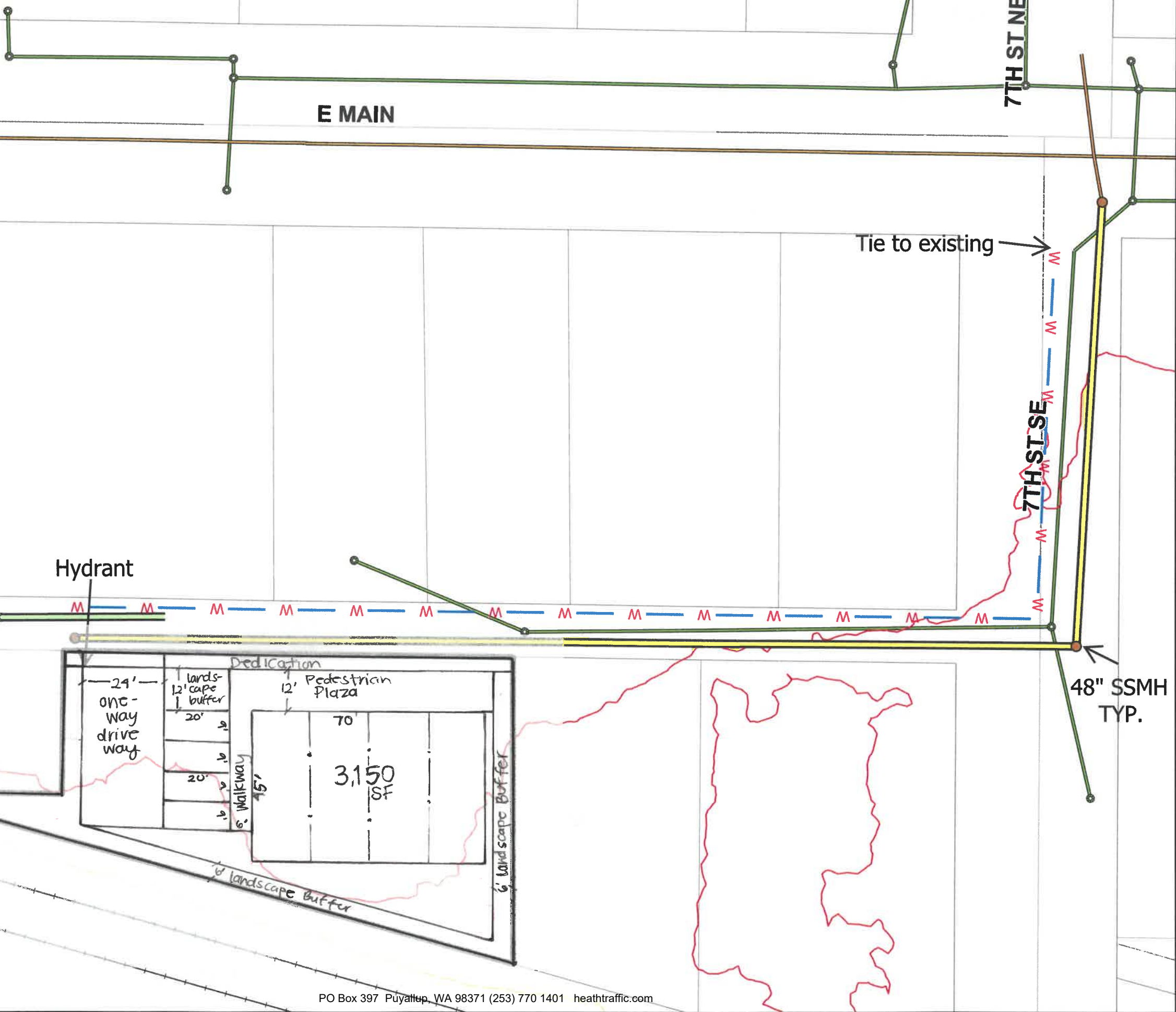


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**Utility Lengths:**  
 Sewer: 440 LF  
       8" PVC  
 Water: 400 LF  
       8" D.I.  
 Storm: 50 LF  
       12" PVC

D/W & Parking: Asphalt  
 S/W & Plaza: Concrete

- Legend**
- Stormwater inlets
  - Railroads
  - Drainage pipes
  - ▭ Project Parcel
  - Sewer Main
  - New Sewer Main
  - New Stormwater Line
  - W New Water Main
  - New Sewer Manhole



Date Source: 2010 PIERCE COUNTY LIDAR  
 Projection: Washington State Plane South (FIPS 4602)  
 Vertical Datum: NAVD88 (GEOID09)  
 Horizontal Datum: NAD83 (1991 HARN)  
 Units: US Survey Feet  
 City of Puyallup GIS  
 Although careful techniques are used in creating and displaying GIS data, ESM cannot guarantee accuracy of the information contained on this map.

**Jackson Castaneda & Samantha Keimig**  
**5th St CUP**  
 Required Utility Routes

