

October 20, 2025

Attn: City of Spokane Traffic Engineering Manager
City of Spokane
808 W. Spokane Falls Blvd.
Spokane, WA 99201

RE: Clark 53rd Long Plat Traffic Coordination
Storhaug Engineering Project #25-121

Dear City of Spokane Traffic Review,

This Trip Generation Letter is intended to predict the number of trips for the Clark 53rd Long Plat development located on parcels 34032.9179 & 34032.9180, at 3287 & 3391 E 53rd Ave, in Spokane, WA. The project is listed under Permit B25M0071PDEV, and is located in the R1 zone. The parcels are currently vacant, with the project spanning across approximately 4.88 acres. The project consists of 44 single family lots, assumed to be developed with 2-unit attached townhome structures with one dwelling unit per lot. The trip generation characteristics in this letter were calculated from traffic studies compiled by the Institute of Transportation Engineers, "Trip Generation Manual", 11th Edition, 2025, calculated under land use 215 – Single-family Attached Housing. The trips provided are as follows:

Calculation Legend: T = Trips; X = number of dwelling units

PROPOSED TRIPS ON SITE

Land Use 215 – Single-family Attached Housing, for 44 units.

WEEKDAY ADT:

$T = 7.62(X) - 50.48$

Average Rate: 317 (Total), 158 (Entry), 159 (Exit)

50% entering, 50% exiting.

WEEKDAY AM PEAK HOUR BETWEEN 7 & 9 AM:

$T = 0.52(X) - 5.70$

Average Rate: 21 (Total), 5 (Entry), 16 (Exit)

25% entering, 75% exiting

WEEKDAY PM PEAK HOUR BETWEEN 4 & 6 PM:

$T = 0.60(X) - 3.93$

Average Rate: 25 (Total), 15 (Entry), 10 (Exit)

59% entering, 41% exiting

Written by: Luke Engell



Reviewed by: Austin Storhaug, PE



	<u>TOTAL / IN / OUT</u>		
AM PEAK	21	5	16
PM PEAK	25	15	10

TOTAL / IN / OUT

AM PEAK 21 5 16

PM PEAK 25 15 10

Clark 53rd Traffic Coordination

SUBJECT PARCELS
34032.9179 & 34032.9180
3287 & 3391 E 53RD AVE

34032.9179 & 34032.9180

3287 & 3391 E 53RD AVE