



March 18, 2022

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Subject: Traffic Generation Letter, Exhibitor Road

To whom it may concern:

The purpose of this letter is to summarize the anticipated trip generation for the proposed Exhibitor Road project.

PROJECT DESCRIPTION

The project, Exhibitor Road RV Park, is located along Exhibitor Road. This project consists of 46 RV and car parking stalls and a driveway through to N Scott Johnson Road. This project proposes the installation of 1 1700-SF Laundry and Bath building. The site will also include 1 propane refill station, as well as Water and Sewer hookups for all RV parking stalls.

DISTRIBUTION

The project has access from N Scott Johnson Road and Exhibitor Road but does not have any existing driveways. An asphalt driveway is proposed from N Scott Johnson Road then to the outlet on Exhibitor Road. The directional distribution is anticipated to be 36% entering and 64% exiting in the peak a.m. hours and 65% entering and 35% exiting in the pm peak hours. Street segments servicing the proposed RV Park include N Scott Johnson Rd and Exhibitor Road and the expected impacted intersections include:

- Exhibitor Road and Kresky Ave.
- Exhibitor Road and Gold St
- Kresky Ave and N Scott Johnson Rd
- Gold St and N Scott Johnson Rd

ANALYSIS

The weekday Morning and evening peak hour generation for the Exhibitor Road RV Park was developed using the ITE Trip Generation Manual. The table below, Vehicle Trip Generation, summarizes the trip generation and the calculated trip rates for the average weekday, morning and evening peak hours based on the average number of occupied campsites for an RV park (Land Use Code 416).

Hicks RV Park – Vehicle Trip Generation 46 Occupied Campsites (OC)				
Time Period	Trip Rate	Entering	Exiting	Total
Average Weekday	2.70 per OC	62.1 (50%)	62.1 (50%)	124.2 Trips
Morning Peak Hour	0.21 per OC	3.48 (36%)	6.18 (64%)	9.66 Trips
Evening Peak Hour	0.27 per OC	8.07 (65%)	4.35 (35%)	12.42 Trips

SUMMARY

The proposed access will provide adequate and safe distribution for trips entering and exiting the RV Park. The project is estimated to add an additional 9.66 trips to the weekday peak morning hour and 12.42 trips to the weekday peak evening hour. The peak direction in the evening peak hour is 8.07 vehicles entering the park. Per CMC 12.04.330, the threshold of 10 trips has not been exceeded and a trip generation is adequate.

Thank you for taking the time to review this trip generation letter for the proposed development of Exhibitor Road RV Park. Do not hesitate to reach out to Fuller Designs with any questions or comments concerning this traffic study.

Sincerely,



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Campground/Recreational Vehicle Park (416)

Vehicle Trip Ends vs: Occupied Campsites
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.

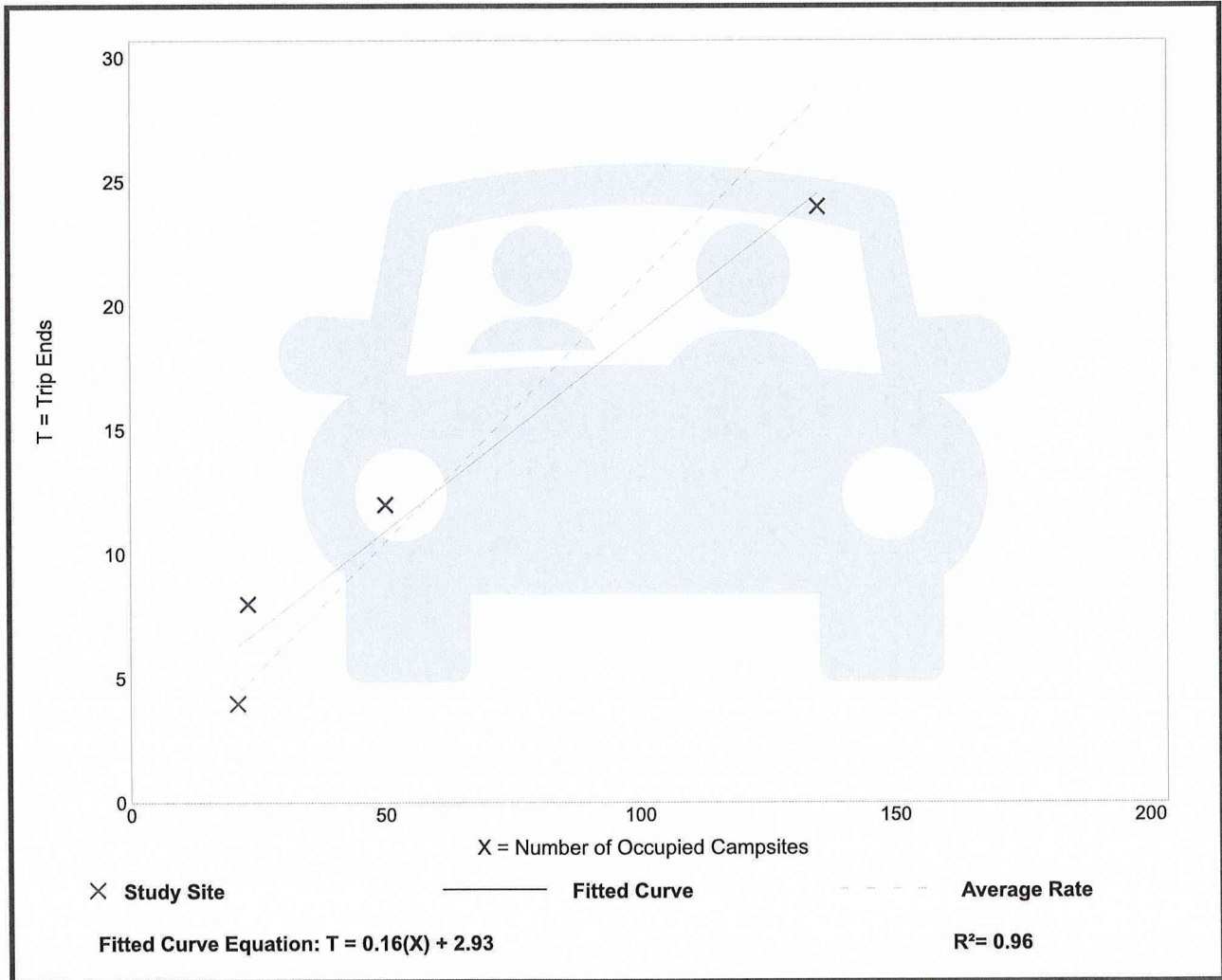
Setting/Location: General Urban/Suburban
 Number of Studies: 4
 Avg. Num. of Occupied Campsites: 57
 Directional Distribution: 36% entering, 64% exiting

Vehicle Trip Generation per Occupied Campsite

Average Rate	Range of Rates	Standard Deviation
0.21	0.18 - 0.35	0.06

Data Plot and Equation

Caution – Small Sample Size



Campground/Recreational Vehicle Park (416)

Vehicle Trip Ends vs: Occupied Campsites

**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: 6

Avg. Num. of Occupied Campsites: 81

Directional Distribution: 65% entering, 35% exiting

Vehicle Trip Generation per Occupied Campsite

Average Rate	Range of Rates	Standard Deviation
0.27	0.12 - 0.43	0.11

Data Plot and Equation

