



July 6, 2022

Jon Rickard
Community Development Director
City of College Place
625 S College Ave.
College Place, WA 99324

RE: Deer Meadows
Trip Generation Letter

Project # 21-098.2

Dear Mr. Rickard:

Deer Meadows is an 11-lot subdivision planned along Davis Ave. The following is a summary of the trips generated by this development and how they will be distributed to the existing road network.

Trip Generation

Harms Engineering, Inc. (HEI) used the Institute of Transportation Engineers (ITE) Trip Generation Manual, 10th Edition to estimate trips for the development. Land use code 210 - Single-Family Detached Housing was used to estimate new trips. The following is a summary of the trip generation estimate:

Description	AM Peak (of generator)	PM Peak (of generator)	Daily
Average Rate	0.76	1.0	9.44
# of Trips	12	11	104
Directional Distribution	26% entering 74% exiting	64% entering 36% exiting	50% entering 50% exiting

Trip Distribution

The trips generated by the project will enter the local road network via SW 12th St because 10th will be for emergency vehicles and 11th won't connect. Based on the road network and location of the subdivision with respect to surrounding development, HEI estimates that approximately 90% of the trips will be oriented to/from the east along SW 12th St and then to College Ave.

According to a traffic study by DN Traffic Consultants, Inc., dated March 13, 2020, the 2019 24-hour traffic volumes for College Ave. were 8,200 between 10th and 12th and 8,091 between 12th and Lamperti. The 104 trips generated by this project would be an increase of approximately 1.3% over the 2019 volumes.

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There is a signalized intersection at SW 12th St. and S College Ave. That intersection has a left turn lane and a right-through lane on all approaches. The traffic study prepared by DN Traffic Consultants, included a level of service (LOS) analysis for that intersection. The LOS was C for both the AM and PM peak periods in 2019 and projected for 2040. This project is not anticipated to decrease the LOS for that intersection.

If you have any questions with this trip generation or distribution, please contact Christine Batayola at 509-547-2679 or email at christine@harmseengineering.com.

Sincerely,

Christine Batayola, PE