



# BONNER COUNTY ROAD & BRIDGE TRIP GENERATION & DISTRIBUTION LETTER

1500 Hwy 2 Suite 101 • Sandpoint, ID 83864 • Phone: (208) 255-5681 EXT 1 – Fax: (208) 263-9084

**PUROPOSE:** The purpose of the trip generation and distribution (TG&D) letter is intended to assist the County Engineer determine whether a traffic impact study will be required for the proposed Development. This is required for both new and modified existing land use actions.

**The information provided within a TG&D letter should include:**

**PROJECT LOCATION:** A written description of the project location in relation to state highways, major and/or minor arterials (county roads) located within the vicinity of the project site. PROJECT LOCATION LIES WEST 4 MILES FROM US RTE. 95. LIES NORTH 1.5 MILES KELSO LAKE ROAD AND LIES ALONG AND ON KELSO WOODS DRIVE.

**PROJECT ACTION:** A written description of the land use actions and should include the use and size of the project, existing and proposed zoning, project access locations, and development/phasing and completion schedules. PROJECT ACTION IS A RESIDENTIAL SUBDIVISION WITH 7 10+ ACRE SINGLE FAMILY HOMES LOTS. PROJECT IS 71 ACRES ON THE A/F-10 ZONE AND WILL CONTINUE TO BE UNDER THIS ZONE. PROJET WILL BE ACCESSED ON KELSO WOODS DRIVE AND PROPERTY HAS A PRIVATE ACCESS ROAD TO REACH ALL PURPOSED LOTS. NO PHASING AND DATE TO START WILL BE WHEN LOTS ARE SOLD.

**TRIP GENERATION:** Trip Generation should be determined based upon the methodologies of the most current, Institute of Transportation Engineers (ITE) Trip Generation Manual for the weekday AM peak hour and weekday PM peak hour, unless the County Engineer specifies some other time period for the analysis.

Typical Trip Generation Rates for Bonner County Land Use:

| Land Use                             | AM Peak Hour Rate | PM Peak Hour Rate | Multiplying Factor  |
|--------------------------------------|-------------------|-------------------|---------------------|
| Single Family Detached Housing       | 0.77              | 1.02              | # of Dwelling Units |
| Residential Condominium/ Townhouse   | 0.44              | 0.52              | # of Dwelling Units |
| Mobile Home Park                     | 0.44              | 0.60              | # of Dwelling Units |
| Residential Planned Unit Development | 0.58              | 0.72              | # of Dwelling Units |

AM peak vehicles per hour (vph) =  .77  X  7  =  5.39  (vph)

PM peak vehicles per hour (vph) =  1.02  X  7  =  7.14  (vph)

**TRIP DISTRIBUTION AND ASSIGNMENT:** A description of project trip distribution and assignments will be provided in the Traffic Impact Study. The methodologies used to distribute and assign project trips will be discussed/ provided in the TG&D letter. As a guide, trip assignments should be provided for site access and key intersections located within the direct vicinity of the site, and for those key intersections projected to support more than 25 peak hour trips beyond the immediate site vicinity during the typical weekday or other time period specified by the County Engineer.

**TRAFFIC IMPACT STUDY:**

A Traffic Impact Study (TIS) is intended to forecast and, as needed, mitigate the transportation and traffic impacts of a proposed land use development or redevelopment project. A TIS will be required at the discretion of the County Engineer; however, the County Engineer will typically require a TIS when one or more of the following conditions are met:

- Project is projected to generate more than 50 trips during the AM and/or PM peak hours (or some other time period specified by the County Engineer)
- The County Engineer anticipates that the project driveway trips will significantly impact traffic operations on adjacent arterials.
- The project is proposed along a route(s) that historically experiences or is projected to experience traffic safety issues.
- The project is proposed within the vicinity of a school, Community Park, or some other area with high levels of pedestrian and neighborhood activity.

If you have questions regarding the requirements of a Traffic Impact Study (TIS) you may contact the Bonner County Road and Bridge Department at 255-5681 or pick up a copy at:

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| Bonner County Road & Bridge<br>1500 Hwy 2 Suite 101<br>Sandpoint, ID 83864 | Bonner County Planning Department<br>1500 Hwy 2 Suite 208<br>Sandpoint, ID 83864 |
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