# 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. The proposed subdivision is on the North side of Elmira Road, approx.3/4 mile from U.S. Highway 95. It lies within the East Half of the Southwest Quarter of Section 10, T59N, R1W

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. The proposal is for the division of 59.94 acres into 12 five acre parcels. The property is zoned Rural-5 acres. The proposed use is residential. The subdivision will be accessed by Noble Lane, a 60 foot wide ingress, egress and utility easement/private road, to be constructed to private road standards. The Plat should be recorded and road built by the end of 2024 and may be phased into 2025-2026.

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) = 0.77____X 12_____ = 9.24____(vph)

PM peak vehicles per hour (vph) = 1.02____X 12_____ =  12.24__(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:

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