


KITTITAS COUNTY

DEPARTMENT OF PUBLIC WORKS

MEMORANDUM

TO: Christina Wollman, Planner II

FROM: Jan Ollivier, Transportation Manager 

DATE: August 26, 2010

SUBJECT: Currier Creek Estates Traffic Impact SEPA Conditions

I reviewed the August 2003 Currier Creek Estates Traffic Impact Assessment prepared by GERALYN REINART, P.E. for RPC LLC Eastside Consultants, Inc. to determine if level of service standards will be affected by this development.

The report calculated the level of service (LOS) will drop from LOS C to LOS D with the addition of "project trips" in the future for the southbound movement at the intersection of Cascade Way (now called University Way) and Reecer Creek Road (Table 3 on page 7). The report also indicated that the southbound left-turn movement at this intersection will drop below LOS "D" with or without the project.

Kittitas County's traffic level of service standard is "C" in rural areas. This intersection is outside of the federal urban area, classifying it as rural. The mitigation needed to maintain a LOS standard C is the installation of a signal at the Reecer Creek Road and University Way intersection.

The August 2003 Currier Creek Estates Traffic Impact Assessment indicated that the Currier Creek Estates development should be responsible for their proportionate share of the cost for the improvements at this intersection. They indicated that this proportionate share should be 12.7% (137 of 1,081 trips).

Maintaining a standard level of service is a Growth Management Act (GMA) requirement. GMA requires an adequate transportation infrastructure available or planned and funded at the time new development is occupied and that the level of service for that infrastructure must meet standards set by the county.

Therefore, to comply with GMA, this developer will be required to pay \$38,100 toward the total estimated current cost for improvements of \$300,000 prior to final approval. This amount is 12.7% of the total cost estimated to construct and install a semi-actuated signal, to include the necessary components such as mast arms, detection loops, and advance warning signs. The County will invest these funds until the signal is constructed (approximately six years) in order to keep up with inflation.