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## **DECADAL GROWTH OF TRAFFIC VOLUMES ON US HIGHWAY 2 AND IMPLICATIONS FOR GRIZZLY BEAR HABITAT CONNECTIVITY**

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I monitored traffic volumes on US Highway 2 between East and West Glacier, Montana, 1998-2001 as part of a study of the effects of transportation infrastructure on grizzly bears (*Ursus arctos*). I found that traffic volumes were below that where connectivity was impeded, but that some impacts to grizzly bear movement patterns could be measured. During the summers of 2012 and 2013 I replicated the traffic volume monitoring last conducted in 2001. I found that traffic volumes had increased dramatically, nearly doubling in some instances, and that some characteristics of traffic flow had changed. I discuss the implications of this growth in traffic to grizzly bear habitat connectivity.