

CMER Request

Proponent: Roads Project Team	Date: 17 December 2024
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Project Name/Issue: Road Prescription-Scale Effectiveness Monitoring Project	
Request: Geomorphic Road Analysis and Inventory Package/Washington Road Surface Erosion Model (GRAIP/WARSEM) Delivery Analysis and Survey Experiment Detailed Implementation Plan (DIP) for the Road Prescription-Scale Effectiveness Monitoring Project (Roads Project).	
Funding Source: AMP Budget	Urgency: High
<p>Request Description: The Roads Project Team requests CMER review of the GRAIP/WARSEM Delivery Analysis and Survey DIP.</p> <p>The purpose of the GRAIP/WARSEM Delivery Analysis and Survey is to determine hydraulic connectivity relationships between road drainage diversions and distance to streams as a function of the drain type for western Washington. The analysis will combine existing data from the CMER Road Sub-Basin Project (Dubé et al. 2010) with data from additional road surveys to be conducted in the ongoing Road Prescription-Scale Effectiveness Study area. For this analysis, we will use a sediment delivery survey developed in a manner that facilitates comparisons with pre-existing datasets such as Luce et al. (2014) which was collected using the GRAIP methodology (Black et al. 2012). We will augment our dataset with the Washington Road Sub-Basin Scale Effectiveness Monitoring First Sampling Event (2006-2008) dataset (Dubé et al. 2010) which was collected using the WARSEM methodology (Dubé et al. 2004).</p> <p>Implementation is scheduled for later winter/early spring 2025. This is the 6th and final parameterization experiment associated with the Roads Project.</p>	