

# Routine Air Quality Modeling

## **EAGLE ALTERNATE CONNECTOR**

Eagle, Idaho

Completed October 2002

A project-level air emissions analysis was completed to predict carbon monoxide (CO) levels at the Eagle Alternate and proposed connector intersection. The Mobile 5b Emission Factor Model was used to determine both the Free-Flow Emission Factor and the Idle Emission Factor at the intersection. The factors were used, in addition to meteorological, traffic, and site variables, in a CAL3QHC Dispersion Model. The CAL3QHC Dispersion Model is an Environmental Protection Agency model that predicts ambient concentrations of CO from transportation emissions.



## **GOVERNMENT WAY, I-90 TO DALTON, DALTON TO US 95, NEIDER TO US 95**

Coeur d'Alene, Idaho

Completed May 2002

An air emissions analysis was completed to predict carbon monoxide (CO) levels at the Government Way and Appleway Intersection and at the Government Way and Kathleen Avenue Intersection.

The Mobile 5b Emission Factor Model was used to determine both the Free-Flow Emission Factor and the Idle Emission Factor at both intersections. The factors were used, in addition to meteorological, traffic, and site variables, in the CAL3QHC Dispersion Model.

