

MONTANA DEPARTMENT OF TRANSPORTATION  
HELENA, MONTANA 59620-1001

SE Fort Benton - Geraldine  
STPP 80-1 (10) 15  
Annual Report  
September, 1999

This project involved a cold recycling 0.20' (60mm) of existing pavement followed with a 0.15'(46mm) Grade B Plant Mix Bituminous Surface Overlay with a finished width of 29+' (8.84+m). This project is located on highway 80 (P-80) in Choteau County. It begins at milepost 14.67 and end at milepost 28 for an accumulated mileage of 13.33 miles (21.45 km). Prior to this project, this section of road was built in 1962 and 1964.

The Research Management Unit (RMU) classified this project as informal. This project did not incorporate appropriate controls in the planning of this experiment. In addition, there was no construction report to document correct construction practice or to note problems that may have occurred during construction that may have affected the life of this CIPR section. The RMU agreed to evaluate this project on an annual basis beginning in 1997. Data collected on this project will be available through the RMU for possible comparisons to other CIPR projects under similar geographical and environmental conditions.

Transverse cracking for this section was average at 137.15 cracks/mile compared to an average 100.3 cracks/mile collected in 1998.

Rutting data is as follows. Northbound outer wheel path (OWP) rut depth was averaged at 2.6 mm, with a standard deviation (STD) of 1.2, compared to the inner wheel path (IWP) at 1.9mm. with a STD of 0.7. Southbound OWP rut depth averaged 3.5mm with a STD of 1.9, compared to the IWP of 1.7 with a STD of 2. Note that the OWP exhibits more rut depth than the IWP. This was the same scenario for data collected in 1998.