

MONTANA DEPARTMENT OF TRANSPORTATION
HELENA, MONTANA 59620-1001

SE Fort Benton - Geraldine
STPP 80-1 (10) 15
Annual Report
November, 2001

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 Section (RMS) 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 RMS agreed to evaluate this project on an annual basis beginning in 1997.

Transverse cracking for this section was average at 162 cracks/mile compared to an average 136 cracks/mile collected in 2000.

Rutting data is as follows. Northbound outer wheel path (OWP) rut depth was averaged at 4.4 mm, with a standard deviation (STD) of 1, compared to the inner wheel path (IWP) at 3.1mm. with a STD of 1.4. Southbound OWP rut depth averaged 4.7mm with a STD of 1.9, compared to the IWP of 3.4mm with a STD of 1.9. Note that the OWP exhibits more rut depth than the IWP. This was the same scenario for data collected in 2000. Average rut for all wheelpaths is 3.9mm.