

MONTANA DEPARTMENT OF TRANSPORTATION
HELENA, MONTANA 59620-1001

Fort Benton N & S
STPP 80-1 (10) 15
Annual Report
September, 1999

This Project involved a cold in-place re-cycling (CIPR) of existing pavement. CIPR depth was 0.25' with a 0.35' overlay depth of PMBS. The section begins at milepost 19.94 to 37.46 (17.52 miles). The control section was PMBS at depth of 0.15, located at milepost 37.84 to 43.40 (5.92 miles). This project was constructed in August 1994. The project is located on Highway 80 (P-80). There were no problems during construction.

The Research Management Unit (RMU) classified this project as informal.

Transverse cracking for the CIPR section average for both lanes was 123.7 cracks/mile (NB 125.2, SB 122.2). Transverse cracking for the PMBS section is averaged at 148.5 cracks/mile (NB 144.1, SB at 152.9

Rutting data is as follows. Northbound CIPR section outer wheel path (OWP) rut depth was averaged at 5.7mm, with a standard deviation (STD) of 1.6, compared to the inner wheel path (IWP) at 3.1mm. with a STD of 1.5. Southbound OWP rut depth averaged 4.9mm with a STD of 1.1, compared to the IWP of 3.8mm. with a STD of 0.8

Rutting data for the PMBS section is as follows; northbound section OWP rut depth was 4mm. with a STD of 1.7mm., IWP was at 2.4 mm. with a STD of 1.6. The southbound section OWP rutted at 4.3 mm. at a STD of 0.7. The IWP rutted at 3.9mm. with a STD of 2.4