

MONTANA DEPARTMENT OF TRANSPORTATION
HELENA, MONTANA 59620-1001

Fort Benton N & S
NH 10-2(20)20 F
Annual Report
September, 2001

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 Section (RMS) classified this project as informal.

Transverse cracking for the .25' CIPR section average for both lanes was 121 cracks/mile. Transverse cracking for the .15' PMBS section averaged at 185 cracks/mile. Cracking on both section were exceeding 1/4" in width.

Rutting data is as follows; northbound .25' CIPR section outer wheel path (OWP) rut depth was averaged at 7.4mm, with a standard deviation (STD) of 1.6, compared to the inner wheel path rut of (IWP) at 5.9mm. with a STD of 1.2. Southbound OWP rut depth averaged 7.2mm with a STD of 1.4, compared to the IWP of 6.1mm. with a STD of 1.1

Rutting data for the .15' PMBS section is as follows; northbound section OWP rut depth was 6.5mm. with a STD of 1.2. IWP was at 5.9 mm. with a STD of 1.4. The southbound section OWP rutted at 6.6 mm. at a STD of 1.1. The IWP rutted at 4.3mm. with a STD of 1.3.