

MONTANA DEPARTMENT OF TRANSPORTATION
HELENA, MONTANA 59620-1001

Hammond - Northwest
STPP 23-2(15)92
Final Report
October, 2001

The above project was constructed in 1993 and completed in the spring of 1994. The improvement consisted of widening, pulverized cement base (CTB), Grade-B plant mix surfacing (0.35') and CRS2-LM Koch seal cover on 16.5 miles approximately starting at milepost 92. The control section comprised of .5' HMA. This project is located on highway 212 (N-23) in the counties of Powder River and Carter.

The Research Management Unit (RMU) classified this project as informal through the year 2001.

Transverse cracking for the CTB sections average for both lanes (WB, EB) was 133.3 cracks/mile. Most cracks were <.25" in severity. Cracking for the control section for both lanes was at 81.4cracks/mile.

Rutting data is as follows. Westbound CTB section outer wheel path (OWP) rut depth was averaged at 9.5mm, with a standard deviation (STD) of 2.6, compared to the inner wheel path (IWP) at 4.3mm, with a STD of 0.8. Eastbound OWP rut depth averaged 6.3mm, with a STD of .8, compared to the IWP of 5.3mm. with a STD of 0.4.



Rutting data on the control section for the westbound OWP averaged at 14.5mm with a STD of 3.5. The IWP averaged 14mm with a STD of 6.0. Eastbound OWP averaged at 6mm with a STD of 0, IWP averaged 6mm with a STD of 1.