

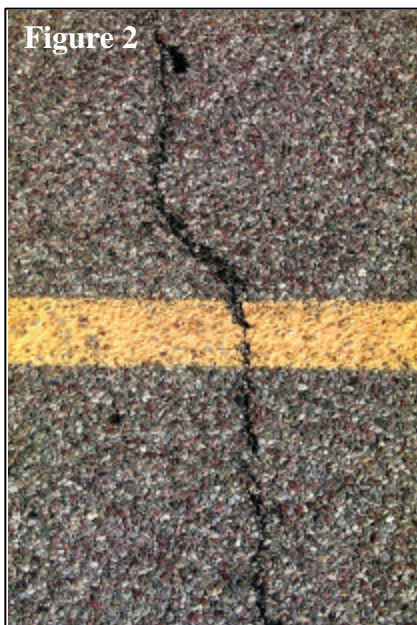
Montana Department of Transportation  
Research Program  
Helena, Montana

**Annual Experimental Evaluation Report**  
(Informal)

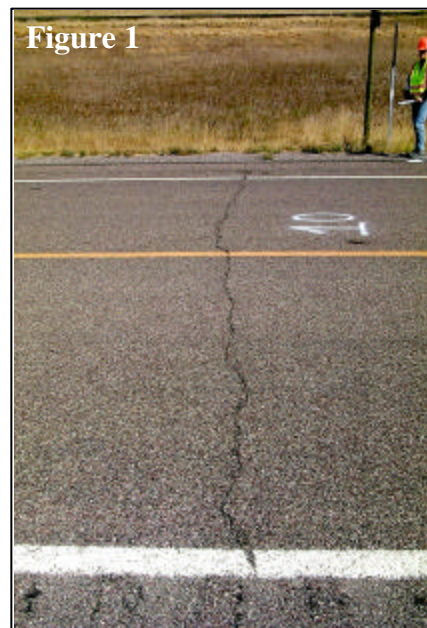
Project: Fairfield North & South, STPP 3-1(15)18  
Location: Highway 89 (P-3), MP 18-28  
Evaluation Date: September 10, 2003  
Date Constructed: Fall 2001  
Project Description: 60 mm Cold In-place Recycle, CMS-2 – 60 mm Plant Mix Bituminous Surface  
Report Origin: Craig Abernathy, Experimental Project Coordinator

Evaluation

This project was constructed in the fall of 2001. This is the second annual evaluation. Information reported is rut depth in each lane wheelpaths and crack mapping spaced at every milepost for 300 ft. (91.4 m). This informal evaluation period will encompass a period of five years. The base data for this project is as follows:



Average transverse cracking per mile (CPM) is 23 with a standard deviation of .99. Note that almost all transverse cracking observed was at milepost 28. Three transverse cracks across both lanes, less than 1/4" within the 300' data collection site. This amount of cracking is considered an anomaly and not representative of the entire project that has (at this time) exhibited minimum cracking. Figure 1 shows an example of one of the low-severity



transverse crack at milepost 28. Figure 2 is a close-up of the crack.

Very little rutting was observed during this evaluation. Estimate average rut is around 1 millimeter on both lanes.

Overall, surface appearance of the project is tight and uniform. The image below is a sample representation of the pavement for the entire project (milepost 22). Based on the crack and rut data, this project has been rated as performing well. Additional information on this project is available at the MDT Research website:

<http://mdtinfo/research/projects/fairfield.shtml>

The next schedule inspection will be summer of 2004.

