Montana Department of Transportation
Research Programs
Helena, Montana

Annual Experimental Final Evaluation Report
(Informal)

Project:	Fairfield North & South, STPP 3-1(15)18; Teton County
Location:	Highway 89 (P-3); C000003, MP 19-28
Evaluation Date:	October 2007
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 Manager

Evaluation

This project was constructed in the fall of 2001. This is the fifth and final annual inspection. Information reported is rut depth in each lane wheelpaths and visual distress mapping spaced at every milepost for 300 ft. (91.4 m). The test section starts at mile point 19 and ends a mile point 28. The base data for this project is as follows:

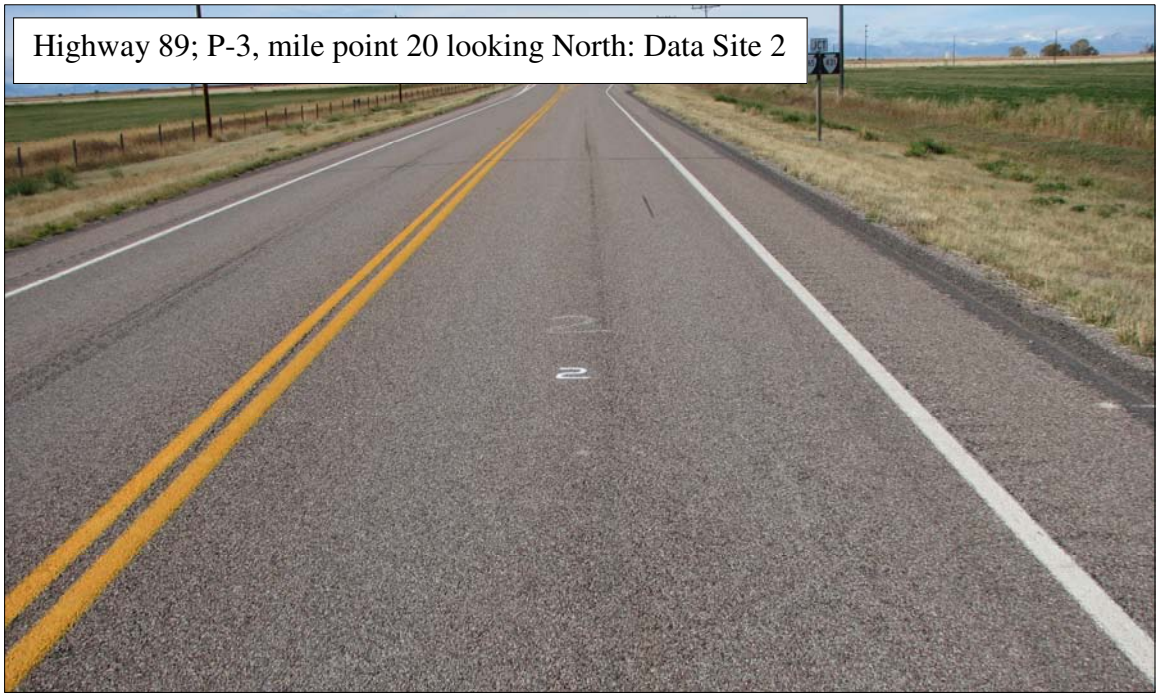
Average transverse cracking per mile has increase from 47 cracks-per-mile (CPM) to 56 CPM, with a standard deviation of 1.26. The majority of the cracks were sealed. The additional cracking since the fall of 2006 is low severity in nature. Little additional rutting was observed during this evaluation. Estimated average rut is around 6 millimeter on both lanes. Average IRI for both lanes is rated as fair (60).

Overall, surface appearance of the project is tight and uniform. 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://www.mdt.mt.gov/research/projects/fairfield.shtml

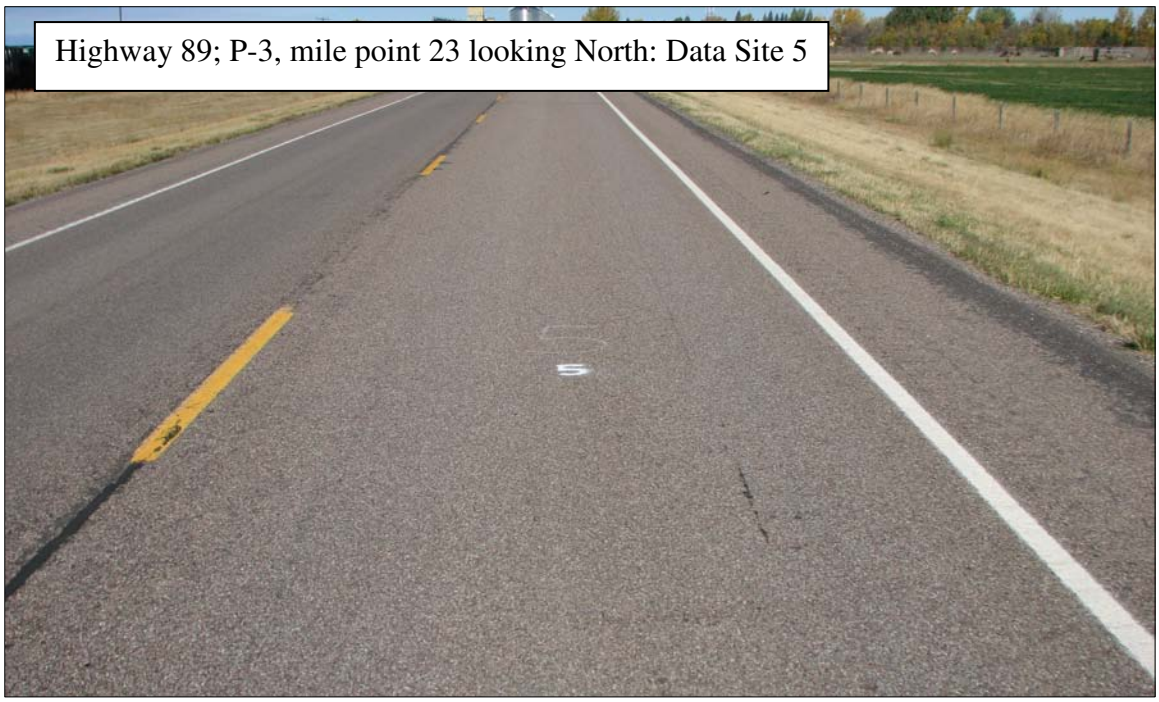
The following images are at each data location point, ten sites total.

Highway 89; P-3, mile point 19 looking North: Data Site 1


Highway 89; P-3, mile point 20 looking North: Data Site 2

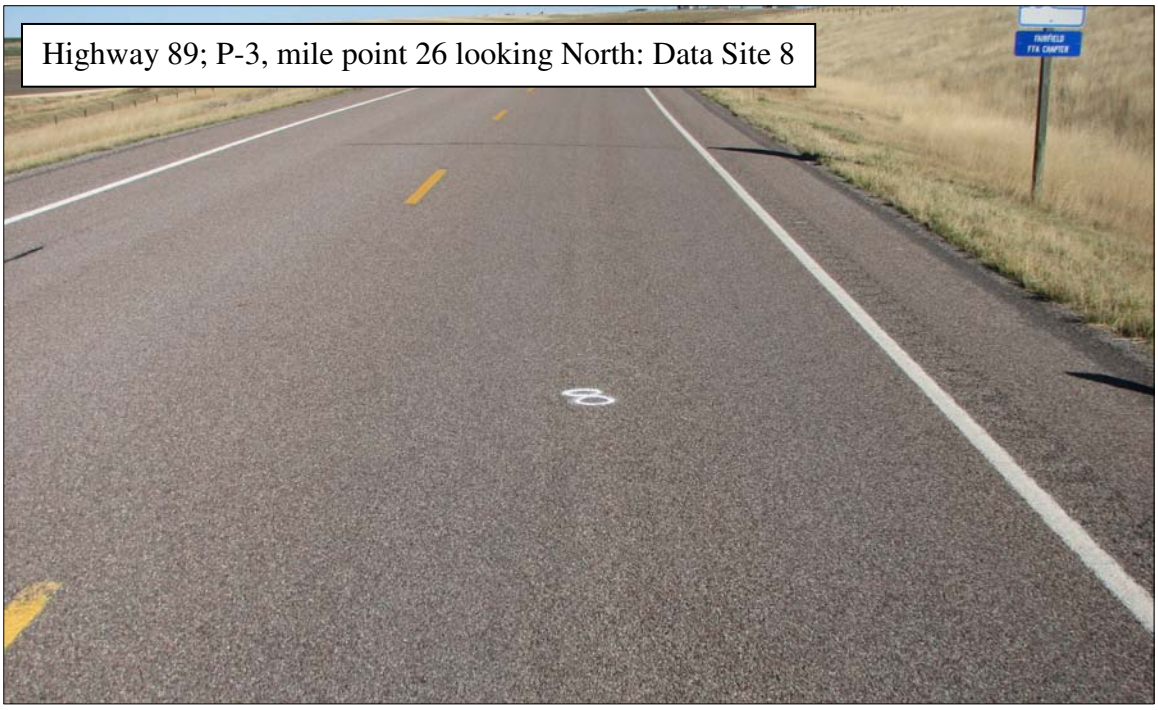
Highway 89; P-3, mile point 21 looking North: Data Site 3

Highway 89; P-3, mile point 22 looking North: Data Site 4

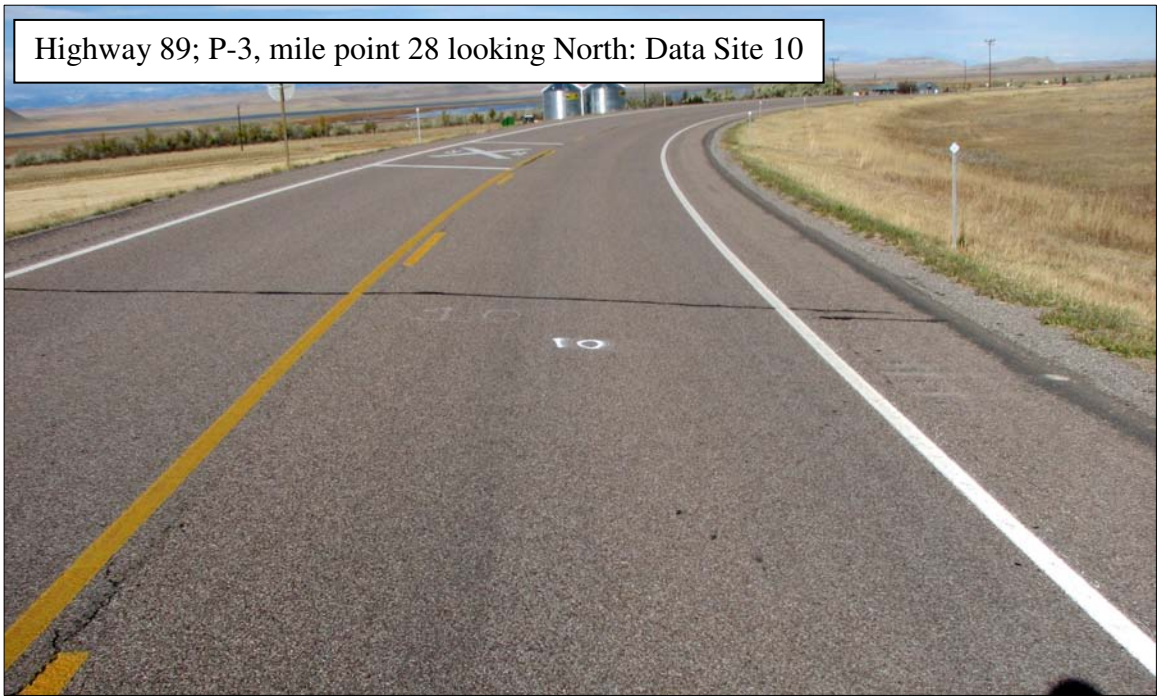

Highway 89; P-3, mile point 23 looking North: Data Site 5

Highway 89; P-3, mile point 24 looking North: Data Site 6

Highway 89; P-3, mile point 25 looking North: Data Site 7


Highway 89; P-3, mile point 26 looking North: Data Site 8

Highway 89; P-3, mile point 27 looking North: Data Site 9


Highway 89; P-3, mile point 28 looking North: Data Site 10