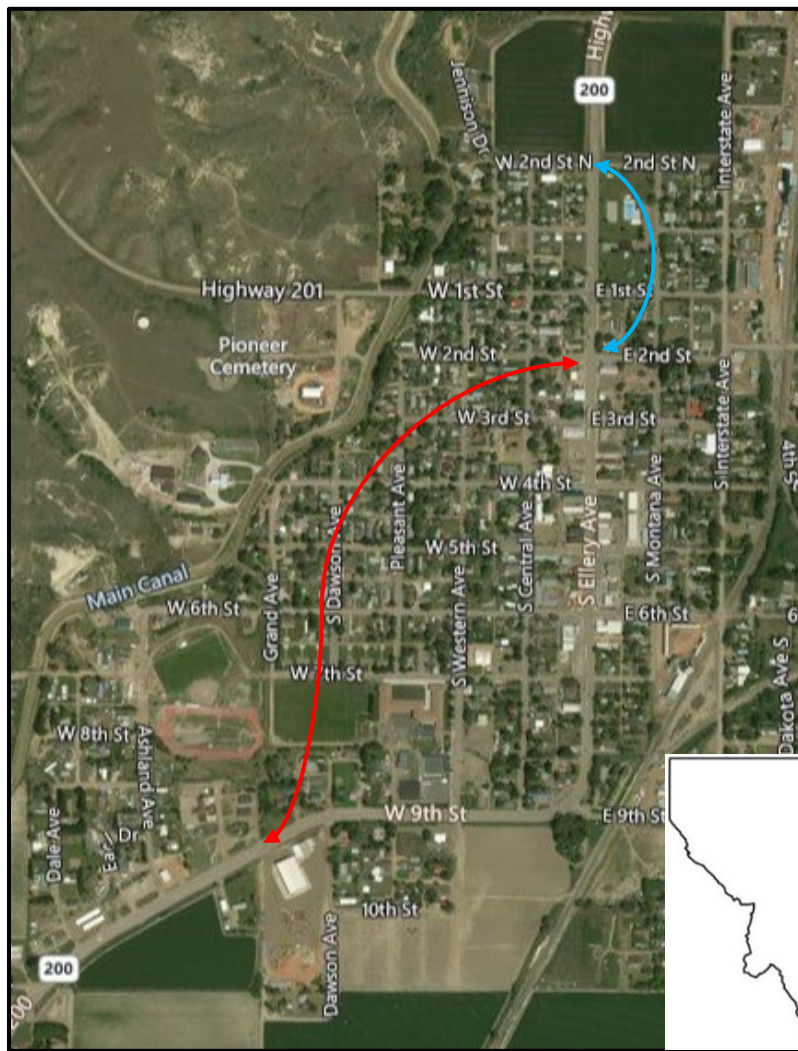


**Experimental Feature Workplan
 January 2022**

Experimental Feature:	PCCP Bondbreaker
Location:	Glendive District, Richland County, Fairview, MT Hwy 200, RP 62.1 – 63.9
MDT Project Name:	MT 200 – Fairview
MDT Project Number:	NHIP 20-2(32)62[8168]
Experimental Project Number:	MT-20-05
Principle Investigator:	Chad DeAustin, Experimental Project Manager (ExPM)

Project Map



- ← Red arrow – Test section with PCCP Bondbreaker (TS).
- ← Blue arrow – Control section without PCCP Bondbreaker (CS).

Project Description & Outline

SKAPS GT116 non-woven geotextiles, due to their effective thickness, are commonly selected for the intended purpose of separation between two layers, while its hydraulic properties help in adequate drainage function. The interlayer bond breaker fabrics are selected for numerous roadway rehabilitation projects due to potential in added structural capacity, durability, and low maintenance because of decreased deformations overtime.

For this project, the PCCP Bondbreaker geotextile was added to potentially mitigate reflective cracking in the PCCP. From station 541+49.25 to 586+03.78 (2nd St), the geotextile will be placed over the aggregate base course which is the test section of this project. From station 586+03.78 (2nd St) to 11+15.00 (586+24.20=0+00.00, 2nd St N), there will be no bondbreaker geotextile and this will be considered the control section. The TS will be constructed on existing cement treated base after the plant mix is milled and the control section is receiving 1.5' of new crushed aggregate course prior to PCCP placement.

Evaluation Procedures & Schedule

The measure of effectiveness (MOE) prevalent with this project will focus on:

- Construction practices (constructability, construction time, cost effectiveness, etc.),
- Visual distresses in each of the sections of PCCP.

In accordance with the Department's 'Experimental Project Procedures,' Research will monitor and report on performance for a minimum of five years annually. This includes delivery of a work plan, construction report, annual reports, and final project report.

2020: Installation/Construction Report
2021-2024: Annual Inspections/Evaluation Reports
2025: Final Evaluation Report/Project Conclusion

A web page will be dedicated to display all reporting from the project.

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