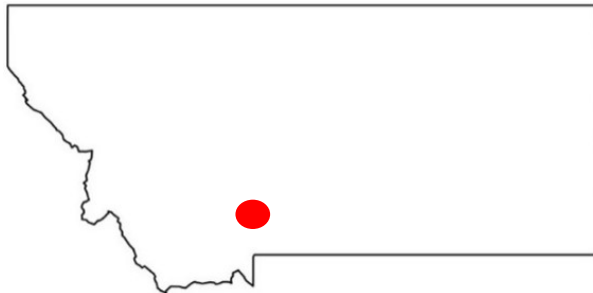




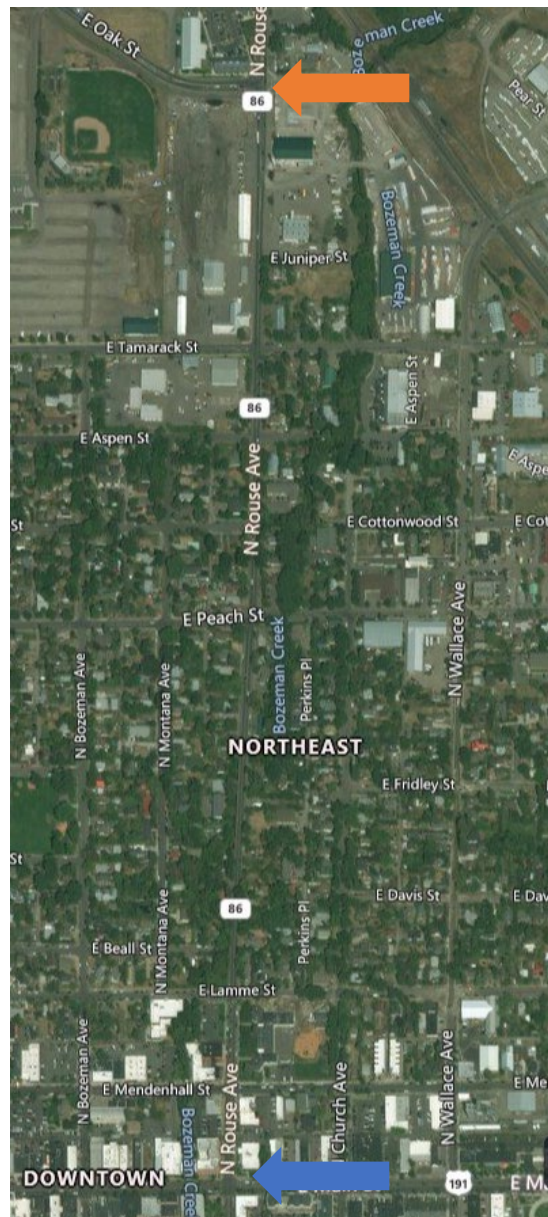
**Experimental Feature Work Plan
 February 2022**

Experimental Feature:	Nomaflex Joint Filler
Location:	Butte District, Galletin County, City of Bozeman, MT 86 (Rouse Avenue)
MDT Project Name:	Rouse Ave – Main to Oak
MDT Project Number:	STPP 86-1(27)0[4805]
Experimental Project Number:	MT-21-06
Principle Investigator:	Chad DeAustin, Experimental Project Manager, (ExPM)
Construction Date:	Summer 2021

Project Map



-  Intersection of N Rouse Ave and E Oak St
-  Intersection of N Rouse Ave and Main St



Project Description & Outline

Concrete joint filler is a standard practice in sidewalk scenarios. Nomaco has released an engineered performance foam concrete joint filler, Nomaflex.

Per Nomaco, 'Nomaflex is a performance engineered foam that sets a new standard for concrete expansion joint fillers. It is a semi-rigid, closed-cell polypropylene foam that simply performs better and installs faster. Plus, the innovative Nomaflex Cutter tool enables concrete installers to easily trim Nomaflex on the job site or pre-score a removable 1/2" void for use with sealants. This saves labor and money by eliminating the need of an addition void cap system.'

This product has been tested in residential, commercial, civil, municipal, and industrial applications and Nomaco claims that it does not absorb water causing swelling or disintegration.

For this project, it will replace the standard concrete joint filler in an urban setting of sidewalk in the City of Bozeman, including some sidewalk in the downtown area that sees a higher volume of activity.

Evaluation Procedures & Schedule

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

- Construction practices (constructability, construction time, cost effectiveness, etc.),
- Visual inspection of effectiveness and durability of the Nomaflex.

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.

2021: Installation/Construction Report
2022-2025: Annual Inspections/Evaluation Reports
2026: Final Evaluation Report/Project Conclusion

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

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