

State Planning and Research Program Quarterly Report

PROJECT TITLE: Updating the Impact of Capital Projects Decision Support Tool

OBJECTIVES:

- (1) Update the default values in the existing tool and expand the types of projects included in the tool.
- (2) Upgrade the tool to an interactive, web-based, dashboard-style application.

PERIOD COVERED: April 1 to June 30, 2026

PARTICIPATING AGENCIES: Minnesota Department of Transportation, Clear Roads Technical Advisory Committee, and the University of Vermont

PROJECT MANAGER:
Hafiz Munir / Adam Wellner

LEAD AGENCY: MnDOT

PRINCIPAL INVESTIGATOR:
Clare Nelson, UVM Transportation
Research Center

SP&R PROJECT NO:
MnDOT Contract No.
1054112

Federal Project Number:
TPF-5(479)

PROJECT IS:
____ Planning
 X Research & Development

ANNUAL BUDGET: \$148,018 (Yrs 1 & 2)

PROJECT EXPENDITURES TO DATE: 137,311.40

WORK COMPLETED LAST QUARTER:

- Continued Task 2: Continued collecting roadway projects completed during the AVL data collection. Gained access to data from Nebraska, Iowa, and South Dakota.

SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:

- Complete Task 2: Finalize collecting before and after data from completed roadway projects and calculate expected changes in costs to update multipliers in the dashboard tool.

STATUS AND COMPLETION DATE: A contract extension had been approved to 10/31/26 to acquire snowplow data for the 2025-2026 winter season. We are considering requesting a no-cost extension for an addition 6 months to give the Clear Roads team more time to review and provide feedback on the final tool and analysis process.