



HIGHWAY 210 BRAINERD, MINNESOTA

Equity, Safety, and Multimodal Connectivity Project

2023 Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Program

PROJECT BUDGET

MINNESOTA DEPARTMENT OF TRANSPORTATION

Project Name: Highway 210 Brainerd, Minnesota – Equity, Safety, and Multimodal Connectivity Project

Project Type: Rural Capital Project – Road, Repair/Rehabilitation

Total Eligible Project Cost: \$54.9M

2023 RAISE Funds Requested: \$24.98M

Contact Information:

Luke Wehseler, PE, Project Manager
Minnesota Department of Transportation
7694 Industrial Park Road, Baxter MN 56425
218-821-0618 | luke.wehseler@state.mn.us

Supporting Information can be found at:

<https://www.srfconsulting.com/mndot-raise-mn210-brainerd/>



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PROJECT BUDGET

PROJECT COSTS

Total Project Cost: \$54.9 million

FY 2023 RAISE Grant Request: \$24.975 million (45 percent of total project cost)

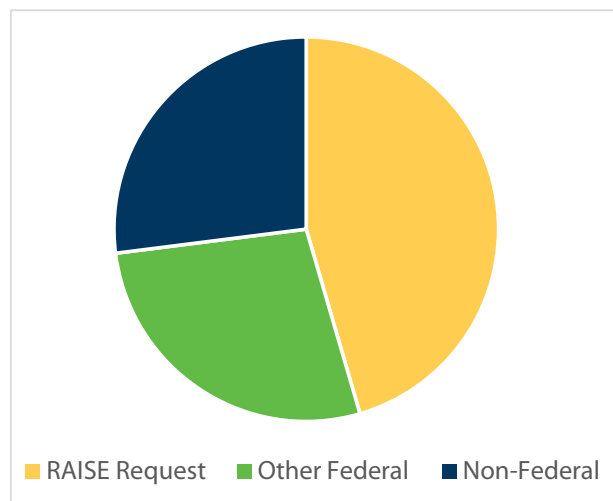


Figure 1 Project Funding Breakdown

Availability and commitment of funding sources:

The total Project cost is \$54.9 million (Table 1) which includes construction, utilities, right-of-way, final design engineering, contingency, inflation, and construction administration. Additionally, \$1 million in MnDOT funds have been spent to date towards the corridor study, environmental assessment, and preliminary design to advance project delivery. The Project is currently in preliminary design. The [total project cost estimate](#) and the [detailed construction cost estimate](#) have been prepared based on 30 percent design. The Minnesota Department of Transportation (MnDOT) has committed approximately \$30 million in state and federal funds to the Project. All of the secured funds are programmed in State of Minnesota's approved [2023- 2026 State Transportation Improvement Program \(STIP\)](#) as Project No. 1805-80, as of Fall 2022. [Table 1](#) presents the Project budget and funding breakdown.

Table 1 [Project Funding Breakdown](#)

Project Components	Project Funding						Total Cost Estimate
	Federal Funding		Other Federal				
	RAISE		FHWA		MnDOT		
	Dollars	Percent Total	Dollars	Percent Total	Dollars	Percent Total	
Final Design Engineering	\$0	0%	\$0	0%	\$6,900,000	13%	\$6,900,000
Right-of-Way Acquisition	\$0	0%	\$0	0%	\$900,000	2%	\$900,000
Construction Costs	\$24,975,000	45%	\$15,101,625	28%	\$5,023,375	9%	\$45,100,000
Non-Letting Construction Cost	\$0	0%	\$0	0%	\$2,000,000	4%	\$2,000,000
Contingency	\$0	0%	\$0	0%	\$0	0%	\$0
Construction Administration	\$0	0%	\$0	0%	\$0	0%	\$0
Total Project Costs	\$24,975,000	45%	\$15,101,625	28%	\$14,823,375	27%	\$54,900,000
RAISE Request						Total Project Cost	\$54,900,000
Other Federal							
Non-Federal							

Since the Project lies across tract 9512 and 9510, all Project costs were also divided between the two. The Project costs per census tracts are shown in Table 2 below. Sixty-one percent of the total cost would be spent in census tract 9512, designated as an Areas of Persistent Poverty (APP), to implement improvements and provide significant benefits for the underserved community in the region.

Table 2 Project Cost by Census Tracts

Census Tract(s)	Project Costs per Census Tract	Percentage
9512 (APP)	\$33,672,572	61.3%
9510	\$21,227,428	38.7%
Total Project Cost	\$54,900,000	100.0%

NON-FEDERAL FUNDING SOURCE

MnDOT Funding



As of Fall 2022, the Project is included in the State of Minnesota's approved [2023- 2026 State Transportation Improvement Program \(STIP\)](#) as Project No. 1805-80. MnDOT has secured \$5.02 million in state match from the State Trunk Highway (TH) funds. Additionally, MnDOT has committed to providing \$9.8 million in Project Development funds towards the final engineering design, right-of-way acquisition, and post-letting costs for the Project. MnDOT may increase the federal share on the project up to 81.42 percent.

Minnesota Department of Transportation, along with its project partners Crow Wing County, City of Brainerd, City of Baxter, and Minnesota Department of Natural Resources (MnDNR), will cover all costs related to the future ongoing maintenance and operations of all components under their corresponding jurisdictions.



OTHER FEDERAL FUNDING SOURCES

MnDOT has previously secured the following in federal funds for the Project:

Federal-Aid Highway Administration (FHWA) Funds and Advance Construction (AC) Funds

The State of Minnesota has allocated approximately \$8.4 million in Federal-Aid Highway Administration Formula funds towards the Project. Additionally, \$13.6 million in Advance Construction funds are programmed in the STIP and will be front ended by MnDOT. If the RAISE funds are awarded, only \$6.7 million of the AC funds will be required to fully fund the Project. Both of these funds are programmed in the State of Minnesota's approved 2023-2026 STIP as Project No. 1805-80 and will be used towards the construction costs.

RAISE FUNDING NEED

If the RAISE funding is not awarded, the Project could be significantly delayed from its existing schedule. Without the proposed improvements, the corridor will continue to experience a poor state of pavement and higher than average crash rates. The pavement will no longer be serviceable by 2027. The much-needed pedestrian/bicyclist improvements of Americans with Disabilities Act (ADA) compliant multimodal infrastructure will not get constructed, leading to gaps in multimodal connectivity. MnDOT may seek alternative funding sources in the future, but the scope will be significantly reduced. The Cities of Brainerd and Baxter will not be proceeding with upgrading the utilities and improving aging infrastructure. The absence of funding and corresponding scope reduction would adversely impact the underserved population in the area.

BENEFIT COST ANALYSIS RESULTS

The benefit-cost analysis provides an indication of the economic desirability of a scenario, but results must be weighed by decision-makers along with the assessment of other effects and impacts. Projects are considered cost-effective if the benefit-cost ratio is greater than 1.0.

Results of the benefit-cost analysis are included in Table 3.

Table 3 Total Project Results

	Initial Capital Cost (2021 Dollars)	Project Benefits (2021 Dollars)	Benefit-Cost Ratio (7% Discount Rate)	Net Present Value (2021 Dollars)
No Build vs. Build	\$33.8 million	\$99.2 million	2.93	\$65.4 million

Additionally, the Project benefits under various categories results in the cost benefits/savings listed in Table 4.

Table 4 Project Benefits

Benefit Categories	Benefit (2021 dollars)
Travel Time	\$73,657,000
Vehicle Operating Costs	\$10,997,000
Safety	\$13,423,000
Air Quality	\$659,000
Quality of Life	\$366,000
Operation and Maintenance	(\$2,456,000)
Remaining Capital Value	\$2,518,000
Total	\$99,164,000

SUPPORTING DOCUMENTS

Links to funding documents are included as follows:

[Minnesota Department of Transportation \(MnDOT\)](#)

[Crow Wing County](#)

[City of Brainerd](#)

[City of Baxter](#)

All supporting documents and the RAISE grant application narrative are also available to view at the following webpage:

<https://www.srfconsulting.com/mndot-raise-mn210-brainerd/>