

III. Project Overview - 2021 MIC Area TIP Project Application

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| PROJECT NAME: U.S. Steel Creek Culvert Repair | |
| Brief Project Description (up to 200 characters): MN 23 in Duluth 0.1 Mi. S. JCT CSAH 3 Becks Road US Steel culvert repair | |
| Contact Information | <p>Lead Jurisdiction or Agency: MNDOT</p> <p>Contact Name: Derek Fredrickson</p> <p>Address: 1123 Mesaba Ave</p> <p>City, State, Zip: Duluth, MN 55811</p> <p>Phone Number: 218-725-2700</p> <p>Email Address: derick.fredrickson@state.mn.us</p> <p>Other Sponsoring Agency(s):</p> |
| Location | <p>City or Township: Duluth</p> <p>Street Name (if applicable):</p> <p>Roadway Type (select one): Route #: TH 23</p> <p>Roadway Functional Classification (double click and select one): Minor Arterial</p> <p>Will the functional classification change with this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>If YES, what is the proposed func. class? (double click and select one): Minor Arterial</p> <p>Project Termini: From: 339+00.950</p> <p style="padding-left: 100px;">To: 340+00.05</p> <p>Project Length (in miles): .1</p> |
| Cost Estimate | <p>Federal \$ 800,000</p> <p>State \$ 200,000</p> <p>Local \$ Source of Local Match*:</p> <p>TOTAL \$ 1,000,000 * Attach a letter of local financial commitment</p> |
| Local Priority | <p>If your jurisdiction is submitting more than one project, please rank in order of importance:</p> <p>This project is Number of 4</p> |

III. Project Overview - 2021 MIC Area TIP Project Application, *continued*

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| Project Description | Project Type <i>(select all that apply:)</i> | | |
| | <input type="checkbox"/> Bicycle | <input checked="" type="checkbox"/> Roadway | <input type="checkbox"/> Reconstruction |
| | <input type="checkbox"/> Pedestrian | | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Port <i>(Airway or Seaway)</i> | | <input type="checkbox"/> Bridge Replacement |
| | <input type="checkbox"/> Rail | | |
| | <input type="checkbox"/> Transit | | |
| Project Goals – what will this project accomplish? <i>(select all that apply)</i> | | | |
| <input type="checkbox"/> ADA Implementation | | | |
| <input type="checkbox"/> Air Quality Improvement | | | |
| <input type="checkbox"/> Capacity Expansion | | | |
| <input type="checkbox"/> Economic Development | | | |
| <input type="checkbox"/> Multimodal Improvement | | | |
| <input type="checkbox"/> Network Completion | | | |
| <input checked="" type="checkbox"/> Preservation | | | |
| <input type="checkbox"/> Safety Improvement | | | |
| <input type="checkbox"/> Other <i>(list):</i> | | | |
| Supporting Data <i>(check here if all are n/a: x)</i> | | | |
| Information | Existing | Proposed | |
| AADT: | n/a <input type="checkbox"/> | n/a <input type="checkbox"/> | |
| HCADT: | n/a <input type="checkbox"/> | n/a <input type="checkbox"/> | |
| Lane Width: | n/a <input type="checkbox"/> | n/a <input type="checkbox"/> | |
| Shoulder Width: | n/a <input type="checkbox"/> | n/a <input type="checkbox"/> | |
| Shoulder Type: | n/a <input type="checkbox"/> | n/a <input type="checkbox"/> | |
| Surface Type: | n/a <input type="checkbox"/> | n/a <input type="checkbox"/> | |
| Spring Load: | n/a <input type="checkbox"/> | n/a <input type="checkbox"/> | |
| Pavement Quality Index: | n/a <input type="checkbox"/> | n/a <input type="checkbox"/> | |
| Bridge Sufficiency Rating: | n/a <input type="checkbox"/> | n/a <input type="checkbox"/> | |

III. Project Overview - 2021 MIC Area TIP Project Application, *continued*

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| Project Description | Type of Work <i>(select all that apply):</i> | | |
| | <input type="checkbox"/> Bike Lane <input type="checkbox"/> Concrete Pavement Rehab <input checked="" type="checkbox"/> Culverts <input type="checkbox"/> Curb Ramp <input type="checkbox"/> Grading <input type="checkbox"/> Resurfacing <input type="checkbox"/> Shoulders <input type="checkbox"/> Surfacing | <input type="checkbox"/> Landscaping <input type="checkbox"/> Lighting <input type="checkbox"/> Rest Area <input type="checkbox"/> Sidewalk <input type="checkbox"/> Signing <input type="checkbox"/> Trail <input type="checkbox"/> Wayside | <input type="checkbox"/> Roundabout <input type="checkbox"/> Traffic Signals <input type="checkbox"/> Turn Lanes |
| | <input type="checkbox"/> Regular Route Bus <input type="checkbox"/> STRIDE Bus <input type="checkbox"/> Transit Facility | <input type="checkbox"/> Bridge (New) <input type="checkbox"/> Bridge Rehabilitation <input type="checkbox"/> Bridge Replacement | <input type="checkbox"/> Rail Improvement Other <i>(list):</i> |

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IV. Evaluation Criteria - 2021 MIC Area TIP Project Application

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| Evaluation Criteria | A. Need and Benefit |
| | Give detailed project description. Describe how it addresses the needs of the regional transportation system and consider the project's benefits relative to its cost. <i>(up to 3,400 characters)</i> |
| | Major sections of the culvert need replacement. It has over 40 feet of fill on top of the pipe. Without repair this culvert would fail. Thus, requiring a detour affecting all modes of vehicular travel. |

IV. Evaluation Criteria- 2021 MIC Area TIP Project Application, *continued*

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| Evaluation Criteria | B. Network Mobility |
| | Describe how the project will improve regional network mobility to provide a greater quality of service for the movement of people and freight. <i>(up to 3,400 characters)</i> |
| | N/A |

IV. Evaluation Criteria- 2021 MIC Area TIP Project Application, *continued*

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| Evaluation Criteria | C. Planning Support |
| | Describe this project’s planning support in (a) the Duluth-Superior Long Range Transportation Plan <i>Connections 2040</i> and (b) other related plans and studies. <i>(up to 3,400 characters)</i> |
| | <p>This project meets two goals of the MPO Long Range Plan</p> <p>Preserve existing infrastructure where warranted and ensure transportation facilities are utilized optimally, applying financial resources in the most effective manner 3: Operations and Maintenance</p> <p>Ensure the efficient operation and maintenance of the transportation system to optimize the movement of people and goods throughout the metro area.</p> <p>Goal 8: System Preservation and Optimization:</p> <p>Preserve existing infrastructure where warranted and ensure transportation facilities are utilized optimally, applying financial resources in the most effective manner</p> |

IV. Evaluation Criteria- 2021 MIC Area TIP Project Application, *continued*

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| Evaluation Criteria | D. Multimodal Connectivity |
| | Describe how the proposed project accommodates multiple modes of travel (vehicular, bicycle, pedestrian, transit) and provides seamless connectivity within and between those modes. <i>(up to 3,400 characters)</i> |
| | Maintains all current modes of traffic. |

IV. Evaluation Criteria- 2021 MIC Area TIP Project Application, *continued*

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| Evaluation Criteria | E. Environmental and Community Impacts |
| | Describe the project’s location and potential environmental and community impacts. |
| | <p>I. Environmental Impacts: federal agencies or entities receiving federal funds must avoid, minimize, and/or mitigate impacts of transportation projects on the natural and cultural environments. <i>Examples include air quality impacts; proximity to streams or wetlands; proximity to historic resources; promoting energy conservation.</i></p> <p>a. Describe Negative Impacts: Refer to attached Environmental map. <i>(up to 550 characters):</i> May impact wetland</p> <p>b. Describe Positive Impacts: Refer to attached Environmental map. <i>(up to 550 characters)</i></p> <p>II. Community Impacts: federal agencies or entities receiving federal funds must identify and address disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority and low income populations. <i>Examples include potential for relocation, isolation, division or disruption to low income/minority communities; connectivity, availability and frequency of transit service between employment centers and low income/minority communities.</i></p> <p>a. Describe Negative Impacts: Refer to attached Minority and Low Income Population maps. <i>(up to 550 characters):</i> None</p> <p>b. Describe Positive Impacts: Refer to attached Minority and Low Income Population maps. <i>(up to 550 characters)</i></p> |

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| Evaluation Criteria | F. Public Participation |
| | Describe what public participation or community involvement efforts have been and will be undertaken in regard to the proposed project. <i>(up to 3400 characters)</i> |
| | Public meeting will be held to inform the public of project & impacts. |



Google earth



LEGEND

— CULVERT LOCATION