III. Project Overview - 2021 MIC Area TIP Project Application

PROJECT NAME: 27th Ave West Re-decking Project	
Brief Project Description *(up to 200 characters):* Demo old deck & replace with new concrete with approach grading	
Contact Information	**Lead Jurisdiction or Agency: MNDOT** **Contact Name: Roberta Dwyer** **Address**: 1123 Mesaba Ave **City, State, Zip:** Duluth, MN 55811 **Phone Number:** 218-725-2700 **Email Address:** Roberta.dwyer@state.mn.us **Other Sponsoring Agency(s):**
Location	**City or Township:** Duluth **Street Name** *(if applicable)*: I-35 **Roadway Type** *(select one):* **Interstate** **Route #:** 35 **Roadway Functional Classification** *(double click and select one)*: Principal Arterial Will the functional classification change with this project? Yes ☐ No **x** If YES, what is the proposed func. class? *(double click and select one)*: Principal Arterial **Project Termini: From:** 254+00.693 **To:** 254+00.703 **Project Length** *(in miles):* .01
Cost Estimate	**Federal $** 1,849,500 **State $** 205,000 **Local $** **Source of Local Match*:** **TOTAL $ 2,055,000** * *Attach a letter of local financial commitment*
Local Priority	**If your jurisdiction is submitting more than one project, please rank in order of importance:** **This project is Number of 4**

Project Description

Project Type *(select all that apply:)*

- ☐ **Bicycle**
- ☐ **Pedestrian**
- ☐ **Port** *(Airway or Seaway)*
- ☐ **Rail**
- ☐ **Transit**
- ☐ **Roadway**
  - ☐ **Reconstruction**
  - ☐ **New Construction**
  - x **Bridge Deck Replacement**

Project Goals – what will this project accomplish? *(select all that apply)*

- ☐ **ADA Implementation**
- ☐ **Air Quality Improvement**
- ☐ **Capacity Expansion**
- ☐ **Economic Development**
- ☐ **Multimodal Improvement**
- ☐ **Network Completion**
- x **Preservation**
- ☐ **Safety Improvement**
- ☐ **Other** *(list)*:

Supporting Data *(check here if all are n/a: ☐)*

Information	Existing	Proposed
AADT:	11,400 **n/a** ☐	**n/a** ☐
HCADT:	**n/a** ☐	**n/a** ☐
Lane Width:	12 **n/a** ☐	**n/a** ☐
Shoulder Width:	12 **n/a** ☐	**n/a** ☐
Shoulder Type:	Concrete **n/a** ☐	**n/a** ☐
Surface Type:	Concrete **n/a** ☐	**n/a** ☐
Spring Load:	**n/a** x	**n/a** ☐
Pavement Quality Index:	**n/a** x	**n/a** ☐
Bridge Sufficiency Rating:	**n/a** ☐	**n/a** ☐

Project Description	**Type of Work** *(select all that apply):*		
	☐ **Bike Lane** **x Concrete Pavement Rehab** ☐ **Culverts** ☐ **Curb Ramp** **x Grading** ☐ **Resurfacing** ☐ **Shoulders** ☐ **Surfacing**	☐ **Landscaping** ☐ **Lighting** ☐ **Rest Area** ☐ **Sidewalk** ☐ **Signing** ☐ **Trail** ☐ **Wayside**	☐ **Roundabout** ☐ **Traffic Signals** ☐ **Turn Lanes**
	☐ **Regular Route Bus** ☐ **STRIDE Bus** ☐ **Transit Facility**	☐ **Bridge (New)** **x Bridge Rehabilitation** ☐ **Bridge Replacement**	☐ **Rail Improvement** **Other** *(list):*

(Application continued, next page)

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

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. *(up to 3,400 characters)*

Project Need: Bridge Preservation - The Bridge Replacement and Improvement Management (BRIM) system indicates that elements of the bridge have deteriorated, reducing function of the bridge.

Project Purpose: Bridge Preservation - To reduce/delay deterioration, restore function and extend the useful life of the bridge.

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. *(up to 3,400 characters)*

Re-decking of the bridge will allow it to handle increased freight traffic.

Evaluation Criteria

C. Planning Support

Describe this project's planning support in (a) the Duluth-Superior Long Range Transportation Plan *Connections 2040* and (b) other related plans and studies. *(up to 3,400 characters)*

This project meets two goals of the MPO Long Range Plan

Preserve existing infrastructure where warranted and ensure transportation facilities are utilized optimally, applying financial resources in the most effective manner 3: Operations and Maintenance

Ensure the efficient operation and maintenance of the transportation system to optimize the movement of people and goods throughout the metro area.

Goal 8:System Preservation and Optimization:

Preserve existing infrastructure where warranted and ensure transportation facilities are utilized optimally, applying financial resources in the most effective manner

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. *(up to 3,400 characters)*
	Re-decking of the bridge will allow all modes of vehicular traffic.

Evaluation Criteria

E. Environmental and Community Impacts

Describe the project's location and potential environmental and community impacts.

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. *Examples include air quality impacts; proximity to streams or wetlands; proximity to historic resources; promoting energy conservation.*

a. Describe Negative Impacts: Refer to attached Environmental map. *(up to 550 characters)*: none

b. Describe Positive Impacts: Refer to attached Environmental map. *(up to 550 characters)*

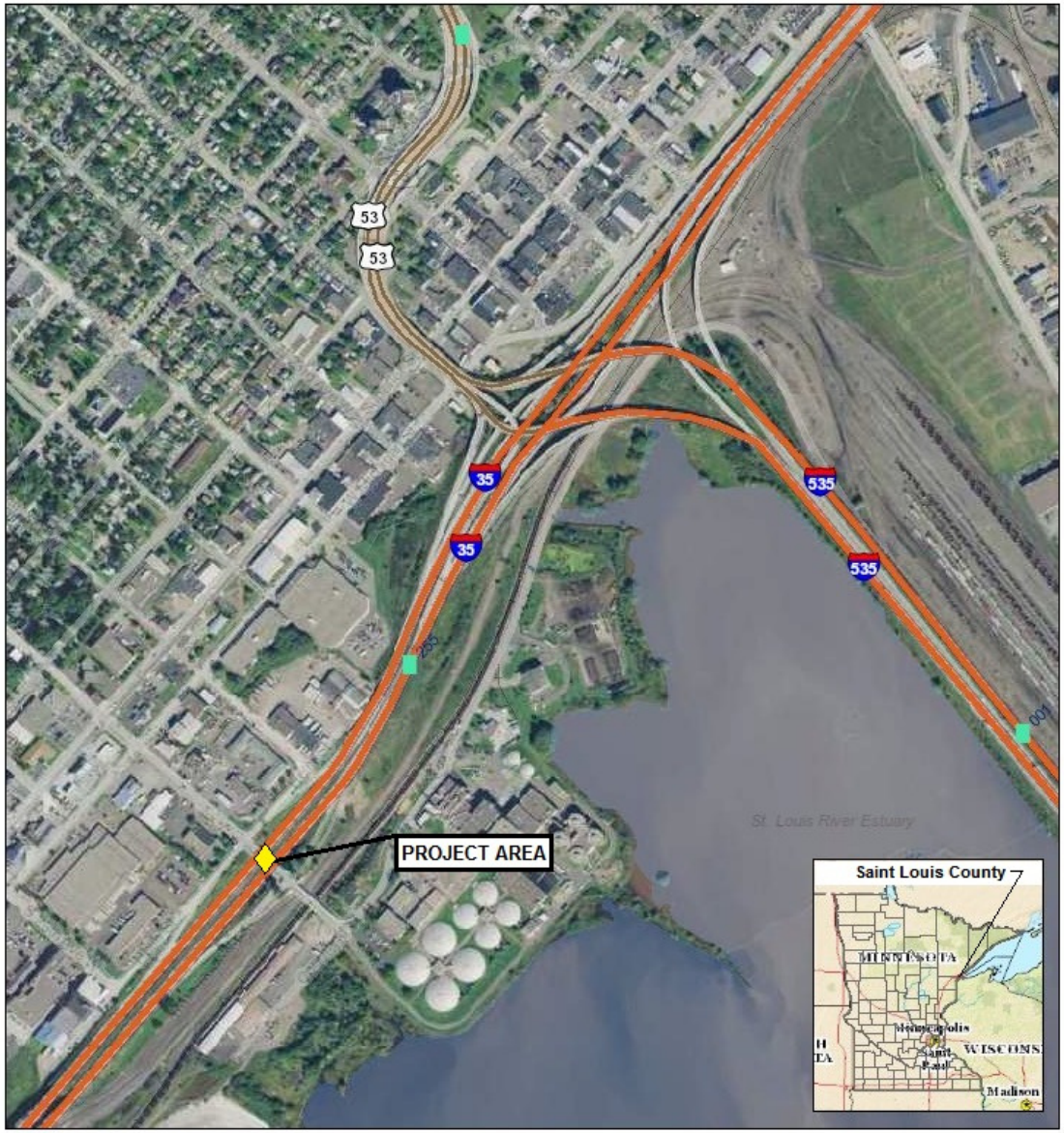
II. **Community Impacts:** federal agencies or entities receiving federal funds must identify and address disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority and low income populations. *Examples include potential for relocation, isolation, division or disruption to low income/minority communities; connectivity, availability and frequency of transit service between employment centers and low income/minority communities.*

a. Describe Negative Impacts: Refer to attached Minority and Low Income Population maps. *(up to 550 characters)*: none

b. Describe Positive Impacts: Refer to attached Minority and Low Income Population maps. *(up to 550 characters)*

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. *(up to 3400 characters)*
Public meetings will be held to discuss the project. Including impacts to traffic while under construction.



December 20, 2016

1:8,000

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Reference Posts

Project Area

Interstates

US Hwys

State Hwys