



Saint Louis County

Public Works Department • Richard H. Hansen Transportation & Public Works Complex
4787 Midway Road, Duluth, MN 55811 • Phone: (218) 625-3830

James T. Foldesi, P.E.
Public Works Director/
Highway Engineer

January 13, 2017

Mr. Chris Belden
Duluth-Superior MIC
221 West First Street
Duluth, MN 55802

Re: 2021 MIC Area TIP Project Solicitation
St. Louis County Project Application

Dear Mr. Belden:

Please find the enclosed project for consideration in the 2021 MIC Area Transportation Improvement Program. The following represents the St. Louis County Public Works Department's nomination for Fiscal Year 2020:

Roadway Project:

SP 69-643-???; CP 0043-335046, CSAH 43 (Lismore Road) from CR 293 (N Tisher Rd) to CSAH 50 (Ryan Road). The project entails 5.58 miles of bituminous resurfacing.

The estimated cost is \$3,143,825.

Letter of Financial Commitment:

This letter should be considered as the local financial commitment letter. Should this project be selected, St. Louis County will allocate \$1,858,825.00 in state aid to fund the local match required.

I trust we have provided the information required to advance the enclosed nomination. Should you have any questions or require additional information please call me at 218-625-3836. Thank you for your consideration.

Sincerely,

Brian Boder, P.E.
Deputy Public Works Director

2021 MIC Area TIP Project Application

Duluth-Superior Metropolitan Interstate Council

I. Instructions

Welcome to the next round of federal Transportation Improvement Program (TIP) funding. This application is for bridge, rail, roadway and transit projects for funding in 2021. Applications are due by Friday, January 13, 2017, 5:00 pm.

Eligibility:

Only jurisdictions within the Duluth-Superior Metropolitan Interstate Council's official planning area, including state agencies, counties, transit, regional rail authorities, tribal governments and cities with a population over 5,000 are eligible to apply. Cities and townships with a population under 5,000 may submit projects, but will need a sponsor by an eligible jurisdiction.

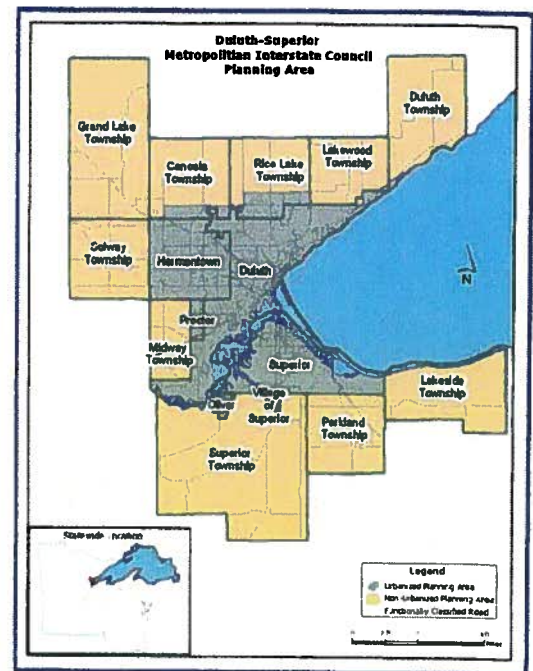
Directions:

- Fill out all shaded areas and save it as a Word document
- Submit application via e-mail as an attachment
- Include supporting materials such as photos and maps as separate attachments
- No hard copies are necessary

Evaluation Process:

MIC will evaluate each application for consistency with the regional goals, priorities, and project lists in the MIC's Long Range Transportation Plan. The MIC will also hold a public informational meeting to gather public input on each project.

All applications and supporting information will be presented to the Transportation Advisory Committee (TAC) meeting in February, where the projects will be individually scored, based on the scoring system approved by the MIC Policy Board in June 2002. The MIC Policy Board will review the applications and the TAC's recommended project rankings at its meeting the next evening. The Policy Board will then decide on the final priority ranking of the projects for submittal into the Northeast Minnesota ATP prioritization process. The ATP process encompasses the entire Arrowhead Region. (For more information see <http://www.nemnarp.org/>).



Submit applications by:

**Friday, January 13, 2017
5pm**

Via email to:

cbelden@ardc.org

Any questions contact:

Chris Belden
(218) 529-7502

Project Scoring Notes

- 6 Evaluation Criteria
 - Need & Benefit
 - Network Mobility
 - Planning Support
 - Multimodal Connectivity
 - Environment & Community Impact
 - Public Participation
- 100 points total
- Highest & lowest scores are eliminated.
- Roadway, transit & rail projects are prioritized separately.

II. 2021 TIP Project Application Timeline (2016/2017)

| | |
|--|---|
| <p>Solicitation November - January</p> | <p>Nov. 16, 2016 – Project Application are sent out to area jurisdictions.</p> <p>Jan. 13, 2017 – Project Applications DUE.</p> |
| <p>Prioritization February - March</p> | <p>Jan. 16 – MIC staff begin review of applications.</p> <p>Jan. 23 - Feb. 17 – MIC public involvement activities on proposed projects.</p> <p>Feb. 21/22 – TAC and MIC receive project packets.</p> <p>Mar. 21 – TAC Meeting: projects are reviewed and scored.</p> <p>Mar. 22 – MIC Meeting: Reviews scoring and approves final rankings.</p> <p>Mar. 24 – MIC project list and rankings are submitted to the NE MN ATP.</p> |
| <p>Draft TIP March- June</p> | <p>Mar. 27 – MIC staff begin work on Draft 2018-2021 TIP.</p> <p>April 5 – NE MN ATP approved Draft list of projects.</p> <p>June 20/21 – TAC and MIC approve Draft TIP and release for public comment.</p> <p>June 22 - July 22 – Public comment period.</p> |
| <p>Final TIP July - September</p> | <p>July - Minor project changes and public comments are incorporated into Draft.</p> <p>August 15/16 – Final TIP is presented for Approval to TAC and MIC.</p> <p>August 18 – Distribution to MN/DOT & FHWA for their review and approval.</p> <p>August – FHWA & MN/DOT review process.</p> <p>September – Approval from FHWA. Final TIP is distributed to the public.</p> |

III. Project Overview - 2021 MIC Area TIP Project Application

| | | |
|---|--|--|
| PROJECT NAME: CSAH 43 | | |
| Brief Project Description (<i>up to 200 characters</i>): Reclaim and Overlay Project | | |
| Contact Information | Lead Jurisdiction or Agency: St. Louis County Contact Name: Jim Foldesi Address: 4787 Midway Rd. City, State, Zip: Duluth, MN 55811 Phone Number: 218-625-3830 Email Address: foldesij@stlouiscountymn.gov Other Sponsoring Agency(s): | |
| Location | City or Township: Lakewood, Duluth Townships Street Name (<i>if applicable</i>): Lismore Rd. Roadway Type (<i>select one</i>): Route #: CSAH 43 Roadway Functional Classification (<i>double click and select one</i>): Rural Major Collector Will the functional classification change with this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If YES, what is the proposed func. class? (<i>double click and select one</i>): Rural Major Collector Project Termini: From: 454' West of CR 293(North Tischer Rd.) To: CSAH 50(Ryan Rd.) Project Length (<i>in miles</i>): 5.58 | |
| Cost Estimate | Federal \$ \$1,285,000.00 State \$ Local \$ \$1,858,825.00 Source of Local Match*: State Aid TOTAL \$ \$3,143,825.00 * 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 1 of 1 | |

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

| | | | |
|-----------------------------------|---|---|--|
| Project Description | Project Type <i>(select all that apply:)</i> | | |
| | <input type="checkbox"/> Bicycle <input checked="" type="checkbox"/> Roadway <input type="checkbox"/> Pedestrian <input type="checkbox"/> Reconstruction <input type="checkbox"/> Port (Airway or Seaway) <input type="checkbox"/> New Construction <input type="checkbox"/> Rail <input type="checkbox"/> Bridge Replacement <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 checked="" type="checkbox"/> Multimodal Improvement <input type="checkbox"/> Network Completion <input checked="" type="checkbox"/> Preservation <input checked="" type="checkbox"/> Safety Improvement <input type="checkbox"/> Other (list): | | |
| | Supporting Data <i>(check here if all are n/a: <input type="checkbox"/>)</i> | | |
| Information | Existing | Proposed | |
| AADT: | 1150 n/a <input type="checkbox"/> | 1244 n/a <input type="checkbox"/> | |
| HCADT: | 141 n/a <input type="checkbox"/> | 153 n/a <input type="checkbox"/> | |
| Lane Width: | 12' n/a <input type="checkbox"/> | 12' n/a <input type="checkbox"/> | |
| Shoulder Width: | 6' n/a <input type="checkbox"/> | 4' & 2' n/a <input type="checkbox"/> | |
| Shoulder Type: | Aggregate n/a <input type="checkbox"/> | Bit & Gravel n/a <input type="checkbox"/> | |
| Surface Type: | Bituminous n/a <input type="checkbox"/> | Bituminous n/a <input type="checkbox"/> | |
| Spring Load: | 9 Ton n/a <input type="checkbox"/> | 9 Ton n/a <input type="checkbox"/> | |
| Pavement Quality Index: | 1.2 n/a <input type="checkbox"/> | 4.0 n/a <input type="checkbox"/> | |
| Bridge Sufficiency Rating: | n/a <input checked="" type="checkbox"/> | n/a <input checked="" type="checkbox"/> | |

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

| | | | |
|----------------------------|--|--|---|
| 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 checked="" type="checkbox"/> Resurfacing <input checked="" 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 checked="" 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 (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. <i>(up to 3,400 characters)</i> |
| | <p>This project involves the resurfacing of CSAH 43 (Lismore Rd) beginning at approximately CR 293(North Tischer Rd.) and ending at CSAH 50 (Ryan Road), a distance of approximately 5.58 miles.</p> |
| | <p>CSAH 43 (Lismore Rd) is a major collector that connects CSAH 37 (Jean Duluth Road) to CSAH 50 (Ryan Road) and ultimately the US 61 Express Way. It serves commuters, commercial trucks and recreational users. The road segment is a vital link for east – west traffic.</p> |
| | <p>The most recent project was a reconstruction in 1969. Currently, the road surface is in poor condition. The base of the road is sound, but the bituminous surface is aged with a PQI/PCI rating of 1.2/30.</p> <p>The segment of road is rural in nature. The ADT is approximately 1150 cars per day with 10% truck traffic. The bituminous surface is in poor condition with an average pavement quality index of 1.2.</p> <p>The proposed project will entail bituminous pavement rehabilitation by reclaiming/milling the existing bituminous, then placing a new bituminous surfacing. The shoulders will remain the same with 4' paved and 2' gravel.</p> |

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

| | |
|----------------------------|--|
| 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> |
| | CSAH 43 (Lismore Rd) is a major collector that connects CSAH 37 (Jean Duluth Road) to CSAH 50 (Ryan Road) and ultimately the US 61 Express Way. It serves commuters, commercial trucks and recreational users. The road segment is a vital link for east – west traffic. |

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

| | |
|---------------------|--|
| 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> |
| | The proposed project is listed in <i>Connections 2040</i> and meets many of the goals and objectives established in the <i>Directions 2035</i> document as detailed below. |
| | <p>Goal 1) Economic Vitality: Develop and maintain the Duluth-Superior transportation system in ways that support economic productivity, efficiency and competitiveness. The proposed improvements increase / maintain freight activity, passenger trips and tourist movements.</p> <p>Goal 3) Access & Mobility: Develop and maintain the Duluth-Superior transportation system in ways that increase accessibility and mobility. The proposed project improves/maintains the arterial and collector network. It also avoids barriers to other modes of transportation by maintaining wide shoulders to promote pedestrian and bicycle use.</p> <p>Goal 5) Environmental Protection: Protect and enhance the environment through responsible and compatible transportation projects. The proposed project is an existing roadway that will have no additional environmental impacts. The new surface will more efficiently transport users and prevent possible congestion. The project will continue to promote non-motorized use by bicycles and pedestrians with a new surface on an 8 foot wide shoulder.</p> <p>Goal 7) Efficient Operations & Maintenance: Ensure the efficient operations and maintenance of the transportation system to optimize the movement of people and goods throughout the metro area.</p> <p>Goal 8) System Preservation: Preserve existing infrastructure, ensure transportation facilities are used optimally, and limited financial resources are applied most effectively. The proposed project ensures the longevity of the infrastructure by optimizing financial resources with proven preventative treatments.</p> |
| | |
| | |

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

| | |
|---------------------|--|
| 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> |
| | CSAH 43 (Lismore Road) is currently a designated on-street bike route. It has 6' wide gravel shoulders. The proposed project would provide a 4' bituminous shoulder and 2' gravel shoulder. The new paved shoulder will provide sufficient space for biking and for pedestrians to utilize for recreational activities as well as commuting. |

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

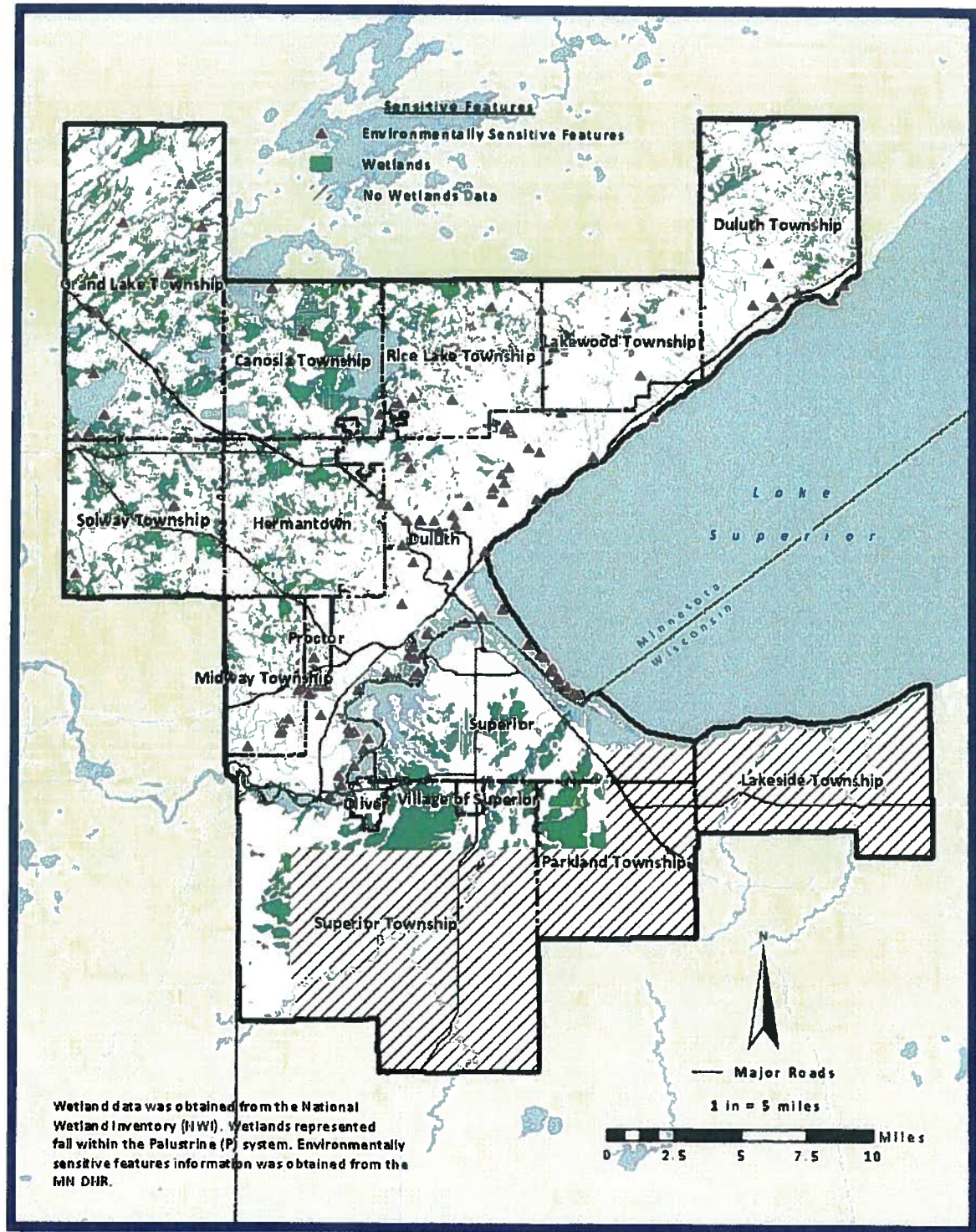
| | |
|---------------------|--|
| Evaluation Criteria | E. Environmental and Community Impacts |
| | Describe the project's location and potential environmental and community impacts. |
| | <p>I. Environmental Impacts: federal agencies or entities receiving federal funds must avoid, minimize, and/or 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>): There are no positive or negative environmental impacts.</p> <p>b. Describe Positive Impacts: Refer to attached Environmental map. (<i>up to 550 characters</i>) There are no positive or negative environmental impacts.</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>): There are no negative community impacts.</p> <p>b. Describe Positive Impacts: Refer to attached Minority and Low Income Population maps. (<i>up to 550 characters</i>) There are no positive community impacts.</p> |

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

| | |
|---------------------|--|
| 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> |
| | <p>There are no public informational meetings planned for this specific project. The project will be submitted for inclusion in the approved St. Louis County five year construction plan. The five year construction plan approval process includes a public hearing for the residents of St. Louis County to comment on the proposed projects. The approved five year construction plan is published on the county web site with contact information of the project manager so that questions and concerns can be addressed. Another opportunity for public comment is presented during the STP approval process when the draft STP is made available for review and comment.</p> <p>In addition, the following agencies will be contacted as needed for permits and consultation and may involve additional public involvement.:</p> <ol style="list-style-type: none"> 1. <i>DNR Water Resources</i> - for public waters crossing permit. 2. <i>DNR Heritage</i> - for review of state threatened or endangered species. 3. <i>US Army Corp of Engineers</i> - for Section 404 permit compliance. 4. <i>US Fish and Wildlife Service</i> - for review of federal threatened or endangered species. 5. <i>MN/DOT Cultural Resources</i> - for review of cultural resources. 6. <i>MN Historical Society</i> - for review of cultural resources. |

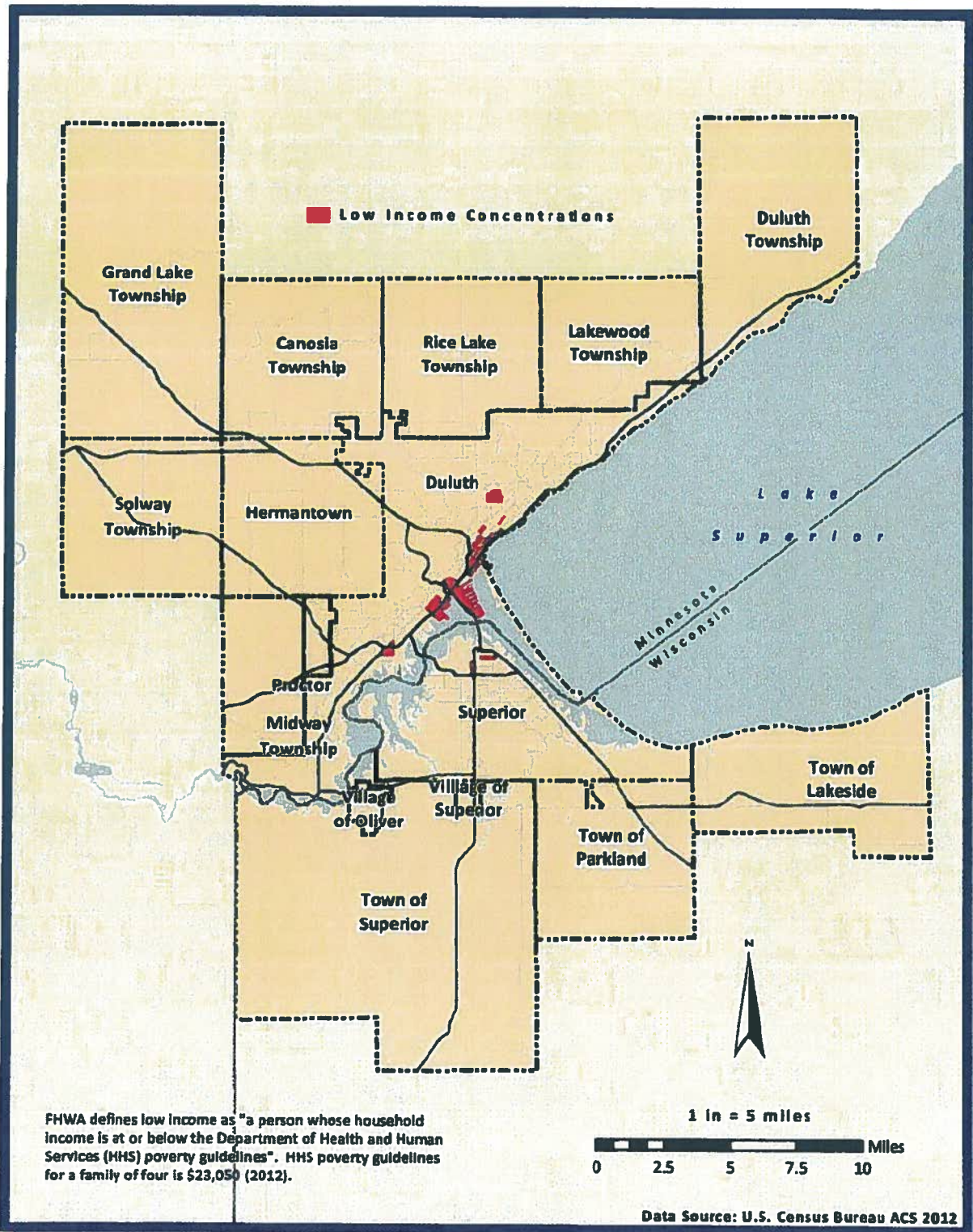


Duluth - Superior Environmentally Sensitive Areas





Duluth - Superior Low Income Concentration



Map 3.4



Duluth - Superior Minority Populations

