Sustainable Choices 2045

Duluth-Superior Long-Range Transportation Plan
Bottom Line

There are many needs & wants, but limited resources.

We must make wise, sustainable choices.
MetroQuest
Phase 2
Initial Results
Summary

- Online & Paper versions
- Went live November 9
- Closed December 31
- 273 Participants/Responses
Sustainable Choices 2045: Many Needs, Limited Resources

We are building off the responses from the Phase 1 survey to dig deeper: What are your priorities? What tradeoffs would you accept? Your answers will help shape our community’s vision for our transportation system, now and for the next 25 years.

It's Getting More Expensive to Maintain. The costs of building and maintaining transportation infrastructure are rising every year. Between 2003 and 2016 construction costs increased nationally by 68%.
Among the top ranked of 32 choices presented in the Phase 1 survey
Most votes:
Address inefficiencies in our transportation system (161)
Use evidence-based decision-making (150)

Fewest votes: Induce economic activity (115)
Trade-Offs

• Will help us better understand top priorities we heard in Phase 1 survey

• Allows us to provide some additional education regarding these key concepts

• About survey takers having to make decisions – we cannot do or have everything
**Prioritize Multiple Modes**

- Consider the needs of all people — those walking, biking, taking transit, and driving.
- Would rather reduce auto-oriented infrastructure to accommodate a multi-modal network.

**Prioritize Automobiles**

- Primarily consider the needs of people who drive or ride in automobiles.
- Would rather not reduce auto-oriented infrastructure to accommodate a multi-modal network.

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**Tradeoff 1**

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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<tbody>
<tr>
<td>115</td>
<td>53</td>
<td>33</td>
<td>25</td>
<td>29</td>
</tr>
</tbody>
</table>

(45%) (21%) (13%) (10%) (11%)

Times rated: 255
Average rating: 2.216
**Maintain All Infrastructure**

- Maintain the entire system as is
- Maintain all portions of the system regardless of level of use

**NOTE**
This does not imply being completed all at once, which is financially impossible. It would be completed over many years.

**Maintain Critical Infrastructure**

- Maintain the system to what is anticipated or needed
- Focus maintenance on critical, higher priority portions of the system

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**Tradeoff 2**

<table>
<thead>
<tr>
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<th>3</th>
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<td></td>
<td>22</td>
<td>34</td>
<td>29</td>
<td>85</td>
<td>80</td>
</tr>
<tr>
<td>%</td>
<td>9%</td>
<td>14%</td>
<td>12%</td>
<td>34%</td>
<td>32%</td>
</tr>
<tr>
<td>Times rated: 250</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average rating: 3.668</td>
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</table>
**Data Driven Decisions**

Base Decisions More on:

*Data, Analysis, & Research*

✓ More objective

**Decisions Consider Other Factors**

Base Decisions More on:

*Political & Societal Factors*

✓ More subjective

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**Tradeoff 3**

<table>
<thead>
<tr>
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<th>3</th>
<th>4</th>
<th>5</th>
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<tbody>
<tr>
<td>Rate</td>
<td>96</td>
<td>82</td>
<td>39</td>
<td>24</td>
<td>11</td>
</tr>
<tr>
<td>(%)</td>
<td>(38%)</td>
<td>(33%)</td>
<td>(15%)</td>
<td>(10%)</td>
<td>(4%)</td>
</tr>
</tbody>
</table>

Times rated: 252
Average rating: 2.095
Focus On Few Large-scale Projects

- Each project is more expensive to build and maintain
- Meets regional mobility needs

Examples
Big projects, such as bridges, interchanges, highways, and tunnels

Focus On Many Small-scale Projects

- Each project is less expensive to build and maintain
- Meets local neighborhood mobility needs

Examples
Small projects, such as street resurfacing, crosswalks, sidewalks, protected bike lanes, and street trees

Tradeoff 4

<table>
<thead>
<tr>
<th></th>
<th>25</th>
<th>27</th>
<th>69</th>
<th>85</th>
<th>45</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>10%</td>
<td>11%</td>
<td>27%</td>
<td>34%</td>
<td>18%</td>
</tr>
</tbody>
</table>

Times rated: 251
Average rating: 3.390
How would you spend the money?

The Twin Ports area has many transportation system needs, but limited resources to address them. Which of the five primary community issues impacted by transportation would you invest our limited resources into?

- Moving Fast and Efficiently
- Building the Economy
- Supporting Great Places
- Health of People and Environment

Drag the stars to invest our limited resources.

- Moving Fast and Efficiently: 3 stars
- Building the Economy: 0 stars
- Supporting Great Places: 0 stars
- Health of People and Environment: 0 stars

Reducing Injuries and Crashes: 0 stars
## Allocating Limited Resources

<table>
<thead>
<tr>
<th>Area</th>
<th>Votes</th>
<th>Percent</th>
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<tbody>
<tr>
<td>Health of People &amp; the Environment</td>
<td>189</td>
<td>25.3</td>
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<tr>
<td>Reducing Injuries &amp; Crashes</td>
<td>151</td>
<td>20.2</td>
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<tr>
<td>Building the Economy</td>
<td>140</td>
<td>18.7</td>
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<tr>
<td>Supporting Great Places</td>
<td>139</td>
<td>18.6</td>
</tr>
<tr>
<td>Moving Fast &amp; Efficiently</td>
<td>129</td>
<td>17.3</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>748</strong></td>
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What Transportation Issues Matter Most?

Results of Dot Surveys at 5 public events in 2018 (n = 843) and 2018 MetroQuest Phase 2 survey results (n = 748)

Reminded that we have many needs but limited resources, people were given three dots and asked to place them under the planning perspectives they believed our transportation resources should be directed towards.

Duluth-Superior Metropolitan Interstate Council (MIC)
January, 2019
## Demographics

<table>
<thead>
<tr>
<th>AGE</th>
<th>Count</th>
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<tbody>
<tr>
<td>0-15</td>
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<td>16-18</td>
<td>12</td>
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<td>19-24</td>
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<td>25-49</td>
<td>102</td>
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<td>75+</td>
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<td><strong>227</strong></td>
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<table>
<thead>
<tr>
<th>GENDER</th>
<th>Count</th>
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</thead>
<tbody>
<tr>
<td>Male</td>
<td>120</td>
</tr>
<tr>
<td>Female</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td><strong>220</strong></td>
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# Demographics

<table>
<thead>
<tr>
<th>HOUSEHOLD INCOME</th>
<th>EMPLOYMENT STATUS</th>
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<tbody>
<tr>
<td>&lt; 25 K</td>
<td>Employed Fulltime</td>
<td>141</td>
</tr>
<tr>
<td>25 – 39.9 K</td>
<td>Employed Part-time</td>
<td>27</td>
</tr>
<tr>
<td>40 – 54.9 K</td>
<td>Retired</td>
<td>24</td>
</tr>
<tr>
<td>55 – 99.9 K</td>
<td>Student</td>
<td>20</td>
</tr>
<tr>
<td>100 – 199.9 K</td>
<td>Work/Stay at Home</td>
<td>9</td>
</tr>
<tr>
<td>&gt; 200 K</td>
<td>Currently Unemployed</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>228</strong></td>
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Next Steps / Upcoming Timeline
Upcoming Timeline

- Review & summarize all survey results
- Partner consultations & Public Info & Input Event(s)
- Start drafting chapters
Sustainable?

Financially

Socially

Environmentally
What does a sustainable transportation system look like?

- Considers & Works for Everyone
- Is Affordable
- Has Reliable Funding Sources
- Right Size – Not Overbuilt
- Creates Wealth
- Supports Economic Vitality
- Safe
- No Environmental Problems
- Supports Livable Neighborhoods
Planning Perspectives

Moving People & Goods

Supporting Economic Vitality

Creating Livable & Equitable Communities

Protecting the Environment & Promoting Public Health

Improving Safety
Purpose of the LRTP

Guide the future of transportation in the Twin Ports area by planning for a comprehensive, multi-modal, and integrated transportation system that provides a high level of access and mobility for all people and goods, improves safety, preserves infrastructure, and provides economic activity consistent with available environmental and fiscal resources.
LRTP Overview

• **Required by federal law** - 23 CFR 450.306

• **Long-range scope:** 2020-2045

• **Updated every 5 years**

• **Cornerstone of the MIC, along with the TIP**
  • Foundation for the annual development of the TIP
  • TIP implements policies & projects identified in the LRTP

• **Primary policy document of the MIC**
LRTP Overview

• Primary policy document of the MIC
  • Establishes a continuous, cooperative, and comprehensive planning process
  • Considers and addresses 10 required planning factors
  • Establishes a performance-based approach to transportation decision-making
  • Plans for an integrated multimodal transportation system
  • Plans for the safe and efficient movement of people and goods
  • Includes a detailed public involvement process
Top Priorities By Rank

1. Maintain current infrastructure (51 votes)
2. Address Inefficiencies in our transportation system (38)
3. Address Inefficiencies in our transportation system (40)
4. Induce economic activity (40)
5. Ensure access to key population & employment centers AND Maintain current infrastructure (32)
Strongly Favor Data-Driven Decisions

Strongly Favor Prioritizing Multiple Modes

Favor A Focus on Many Small-Scale Projects

Strongly Favor Maintaining Critical Infrastructure