



# Sustainable Choices 2045



## Duluth-Superior Long-Range Transportation Plan



TAC Study Committee Update  
December 11, 2018

# Bottom Line

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**There are many needs & wants, but limited resources.**

**We must make wise, sustainable choices.**

# MetroQuest Phase 2

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# Summary

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- Online & Paper versions
- Went live November 9
- 154 + responses to date
- Closes December 31

# Phase 2 - Transportation Survey

WELCOME

## 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.

About Us

Begin

2 PRIORITIES

3 TRADEOFFS

4 LIMITED RESOURCES

5 STAY INVOLVED



**Its 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%.

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2

# What is most important to you?

What to do

Next Task

3

4

5

WELCOME

PRIORITIES

TRADEOFFS

LIMITED RESOURCES

STAY INVOLVED

- Order your top 5 items above this line
- Ensure Access
  - Reduce Environ. Problems
  - Maintain Infrastructure
  - Provide Choices for All
  - Induce Economic Activity
  - Evidence-Based Decisions
  - Community Needs and Wants
  - Address Inefficiencies

The Twin Ports area has many transportation system needs, but limited financial resources. From the following list of top options selected in our Phase 1 survey, please rank your top five priorities.

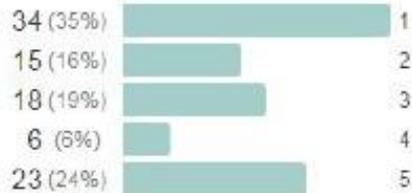


Please drag 5 of the items above the line in your preferred order.



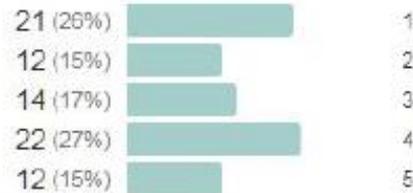
## Priorities

### Maintain Infrastructure



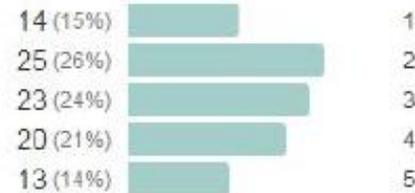
Times ranked: 96  
Average rank: 2.677

### Reduce Environ. Probl...



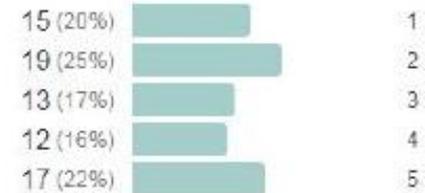
Times ranked: 81  
Average rank: 2.901

### Address Inefficiencies



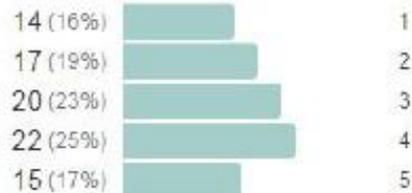
Times ranked: 95  
Average rank: 2.926

### Provide Choices for All



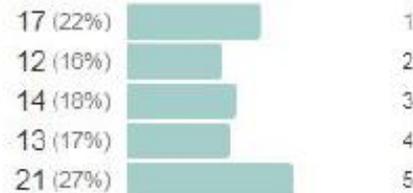
Times ranked: 76  
Average rank: 2.961

### EvidenceBased Decisi...



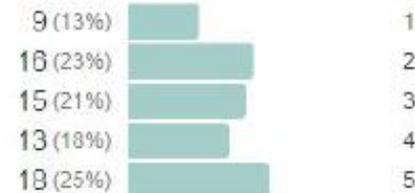
Times ranked: 88  
Average rank: 3.080

### Ensure Access



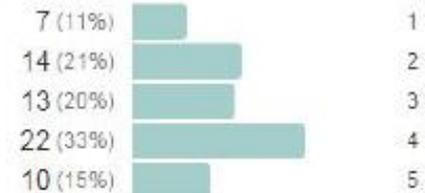
Times ranked: 77  
Average rank: 3.117

### Community Needs an...



Times ranked: 71  
Average rank: 3.211

### Induce Economic Acti...



Times ranked: 66  
Average rank: 3.212

# What is more important?

? What to do

Next Task

Tradeoff #1

Tradeoff #2

Tradeoff #3

Tradeoff #4

## Prioritize Multiple Modes vs Prioritize Automobiles

Choose the option that best represents which tradeoff you prefer

Prioritize Multiple Modes



Prioritize Automobiles

### 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

Previous

Next Tradeoff

1

WELCOME

2

PRIORITIES

3

TRADEOFFS

# What is more important?

? What to do

Next Task

4

LIMITED RESOURCES

5

STAY INVOLVED

Tradeoff #1

Tradeoff #2

Tradeoff #3

Tradeoff #4

## Maintain All Infrastructure vs Maintain Critical Infrastructure

Choose the option that best represents which tradeoff you prefer

Maintain All Infrastructure



Maintain Critical Infrastructure

### 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

Previous

Next Tradeoff

1

WELCOME

2

PRIORITIES

3

TRADEOFFS

# What is more important?

What to do

Next Task

4

LIMITED RESOURCES

5

STAY INVOLVED

Tradeoff #1

Tradeoff #2

Tradeoff #3

Tradeoff #4

**Data, Analysis, & Research vs Political & Societal Factors**  
*Choose the option that best represents which tradeoff you prefer*

Data Driven  
Decisions



Decisions Consider  
Other Factors

### 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

Previous

Next Tradeoff

# What is more important?

Tradeoff #1

Tradeoff #2

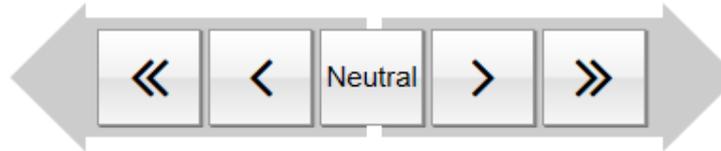
Tradeoff #3

Tradeoff #4

## Few Large-scale Projects vs Many Small-scale Projects

Choose the option that best represents which tradeoff you prefer

Focus On Few Large-scale Projects



Focus on Many Small-scale Projects

### 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

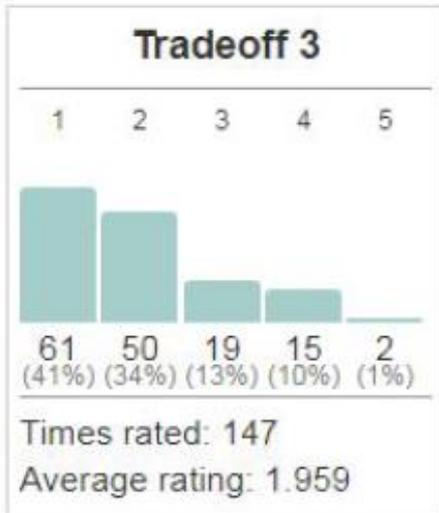
#### Examples

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

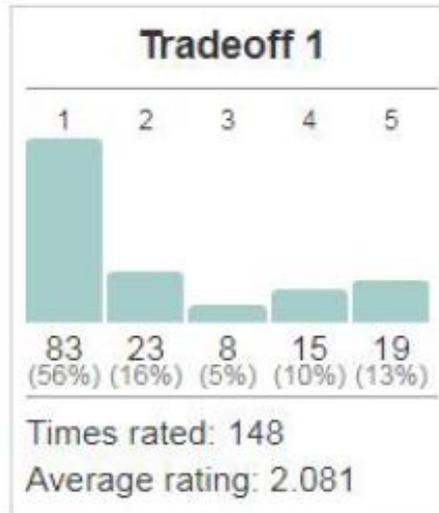
Previous

Next Task

## Tradeoffs



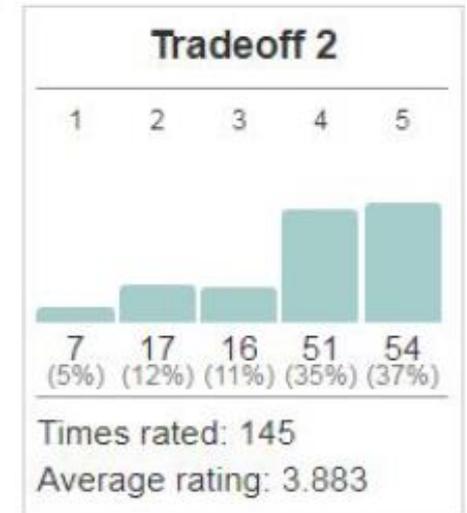
**Strongly Favor  
Data-Driven  
Decisions**



**Strongly Favor  
Prioritizing  
Multiple Modes**



**Favor A Focus  
on Many Small-  
Scale Projects**



**Strongly Favor  
Maintaining  
Critical  
Infrastructure**

# Trade-Offs

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- 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

1

WELCOME

2

PRIORITIES

3

TRADEOFFS

4

LIMITED RESOURCES

# How would you spend the money?

What to do

Next Task

5

STAY INVOLVED

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?

*Drag the stars to invest our limited resources*

Moving Fast and Efficiently

Details



0

Building the Economy

Details



0

Supporting Great Places

Details



0

Health of People and Environment

Details



0

Reducing Injuries and Crashes

Details



0



3



## Allocating Limited Resources

Budget Spent	Total	Average of Total	Median of Total	%GT Total
Building the Economy	80.00	1.78	1.00	18.26%
Health of People and Environment	112.00	2.29	1.00	25.57%
Moving Fast and Efficiently	65.00	1.51	0.00	14.84%
Reducing Injuries and Crashes	93.00	2.16	1.00	21.23%
Supporting Great Places	88.00	2.00	1.00	20.09%
<b>Total</b>	<b>438.00</b>	<b>1.96</b>	<b>1.00</b>	<b>100.00%</b>

1

WELCOME

2

PRIORITIES

3

TRADEOFFS

4

LIMITED RESOURCES

5

STAY INVOLVED

# Tell us a bit about yourself

What to do

## About You (Optional)

Home Zip Code

Age

Employment Status

Household Income

Gender

I'm interested in more information

## Thank You!

Your input will help develop long-range goals, strategies, and policies for the Twin Ports transportation system.

To learn more please visit [dsmic.org/planning/long-range](http://dsmic.org/planning/long-range) or [Facebook](#).



Sustainable Choices 2045



Duluth-Superior Long-Range Transportation Plan



## Demographics

### Age

61	2549
44	5064
13	1924
9	6574
3	1618

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130	Total
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### Employment status

91	Employed Fulltime
15	Employed Parttime
13	Retired
9	Student
4	WorkStay at Home

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132	Total
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### Gender

66	Female
58	Male

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124	Total
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### Household Income

43	100000 to 199999
38	55000 to 99999
15	40000 to 54999
12	24999 or less
11	25000 to 39999
6	200000 or more

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125	Total
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### Home Zip Code

*Too many responses have been given for this view.  
See excel download for data.*

# Next Steps / Upcoming Timeline

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# Upcoming Timeline

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- Promote the survey
- Survey closes before end of December
- Review & summarize survey results
- Partner consultations & Public info & Input Event(s)

Comments? Questions?



## Sustainable Choices 2045



Duluth-Superior Long-Range Transportation Plan



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# Sustainable?

**Financially**

**Socially**

**Environmentally**

# What does a sustainable transportation system look like?

**Considers & Works for Everyone**  
**Is Affordable**  
**Has a Reliable Funding Source**  
**Right Size – Not Overbuilt**  
**Creates Wealth**  
**Supports Economic Vitality**  
**Safe**  
**No Environmental Problems**  
**Supports Livable Neighborhoods**

# Allocating Limited Resources

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- Choose the percentage of resources to go towards each of the following 5 transportation issues (based on our 5 planning perspectives):

Moving Fast & Efficiently

Building the Economy

Supporting Great Places & Neighborhoods

Health of People & the Environment

Reducing Injuries & Crashes (Safety)

- Very similar to and compatible with the dot surveys

# 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.*

# L RTP 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

# L RTP 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

# Role of Study Committee

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- Provide input and oversight on the plan as it is developed
- Review drafts or other materials and provide feedback to staff
- Participate in LRTP Study Committee meetings
- Be prepared to come to meetings ready to discuss given topics or make decisions
- Provide recommendation of approval to the Board