

# Appendix A

## Federal Planning Factors and LRTP Objectives

This Appendix summarizes how *Sustainable Choices 2045* considers and addresses the federally-required planning factors of 23 CFR 450.306(b).

## Federal Planning Factors

The following are the federally-required planning factors of 23 CFR 450.306(b):

- 1) Support the economic vitality of the MIC area, especially by enabling global competitiveness, productivity, and efficiency.
- 2) Increase the safety of the transportation system for motorized and non-motorized users.
- 3) Increase the security of the transportation system for motorized and non-motorized users.
- 4) Increase accessibility and mobility of people and freight.
- 5) Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns.
- 6) Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.
- 7) Promote efficient system management and operation.
- 8) Emphasize the preservation of the existing transportation system.
- 9) Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation.
- 10) Enhance travel and tourism.

## Which Federal Planning Factor(s) Does Each Objective of *Sustainable Choices 2045* Address?

The following tables represent an index of 23 CFR 450.306(b) federal planning factors each plan objective addresses:

**Goal 1** *Promote public health and energy conservation, and protect and enhance the environment through responsible Duluth-Superior area transportation system policies and design.*

	<b>Objectives</b>	<b>Planning Factor(s) Addressed</b>
1	Design and maintain infrastructure across the Duluth-Superior area transportation system in a manner that supports and encourages a physically active everyday transportation routine	2, 4, 5, 6, 9
2	Improve energy conservation related to the use and operation of the local and regional transportation system, for both environmental and public health benefits	5
3	Through innovative design, improved infrastructure, land use planning, use of sustainable approaches, higher fuel efficiency, and other options, avoid, minimize, and/or mitigate the negative environmental impacts of the Duluth-Superior area transportation system, such as stormwater runoff, flooding, air emissions, toxic pollution, noise and light pollution, and the spread of invasive species	2, 5, 7, 8, 9

**Goal 2** *Ensure the Duluth-Superior area transportation system supports the development and maintenance of a safe, healthy, and connected community that provides legitimate opportunities and choices for people of all ages, incomes, and abilities.*

	<b>Objectives</b>	<b>Planning Factor(s) Addressed</b>
1	Provide legitimate choices for all people of all ages, incomes, and abilities across the entire Duluth-Superior area transportation system	4, 5, 6, 9, 10
2	Ensure legitimate opportunities for the public to engage in discussion about, and to share their needs and desires regarding the Duluth-Superior area transportation system	
3	Build and maintain infrastructure that fits the neighborhood character	2, 5, 6, 7, 10
4	Appropriately scale transportation-related projects across the Duluth-Superior area transportation system	2, 5, 7, 8
5	Ensure investments in the Duluth-Superior area transportation system lead to a diversification of transportation options for people across all modes	2, 4, 5, 6, 7, 9, 10
6	Make information about the Duluth-Superior area transportation system available to the public in a variety of ways	

**Goal 3** *Ensure the safety and security of the Duluth-Superior area transportation system for all users and modes, including being prepared to handle emergencies and disasters.*

	<b>Objectives</b>	<b>Planning Factor(s) Addressed</b>
1	Ensure acceptable security, emergency response, disaster preparedness, and risk mitigation is maintained across the entire Duluth-Superior area transportation system	1, 2, 3, 5, 7, 9, 10
2	Ensure evidence-based, data-supported design integrating acceptable levels of risk is emphasized in transportation-related project development and selection	2, 3, 5, 7, 9
3	Prioritize safety and acceptable levels of risk for vulnerable users of the Duluth-Superior area transportation system	2, 3, 4, 5
4	Meet all required safety-related federal, state, and local performance measures	2, 5
5	Maintain Duluth-Superior area transportation system infrastructure to ensure an acceptable level of risk for all users, both people and goods	1, 2, 3, 8
6	Use technology to improve the safety and security of the Duluth-Superior area transportation system	2, 3, 7

**Goal 4** *Ensure the Duluth-Superior area transportation system is an integrated multimodal network that supports people and goods getting to where they need to go in an efficient manner.*

	<b>Objectives</b>	<b>Planning Factor(s) Addressed</b>
1	Provide viable and efficient travel options for the movement of people and goods across the entire Duluth-Superior area transportation system	1, 4, 6, 7, 10
2	Address inefficiencies in the Duluth-Superior area transportation system for all modes	1, 4, 6, 7, 10
3	Improve real-time travel across the Duluth-Superior area transportation system by maintaining the current critical infrastructure to increase longevity of local transportation facilities for all modes	7, 8
4	Improve real-time travel across the Duluth-Superior area transportation system through the adoption and use of technology	7, 8
5	Ensure direct travel connections between modes of transportation for people exist and are maintained across the Duluth-Superior area transportation system	4, 5, 6, 7, 9, 10
6	Ensure direct travel connections between modes of transportation for goods and services exist and are maintained across the Duluth-Superior area transportation system	1, 4, 5, 6, 7, 9
7	Meet all required federal, state, and local performance measures and targets for NHS infrastructure (PM2), system performance on the NHS (PM3), and transit asset management (TAM).	1, 2, 4, 5, 6, 7, 9, 10

**Goal 5** *Develop and maintain the Duluth-Superior area transportation system to support economic productivity and competitiveness, including tourism.*

	<b>Objectives</b>	<b>Planning Factor(s) Addressed</b>
1	Ensure the Duluth-Superior area transportation system provides access to and connection of key population and employment centers	1, 4, 5, 6
2	Improve access and mobility across the Duluth-Superior area transportation system for the movement of freight	1, 4, 5, 6
3	Promote Duluth-Superior area transportation system decisions and investments that enhance the regional and global competitiveness of the Duluth-Superior Port	1, 5, 10
4	Promote Duluth-Superior area transportation system decisions and investments that stimulate neighborhood and regional economic activity, such as those that support core investment areas in local jurisdictions	1, 5, 6, 10
5	Make it easier to travel to tourist destinations and events	1, 4, 6, 10
6	Integrate existing economic development plan recommendations when making decisions about Duluth-Superior area transportation system projects	1, 5