

Appendix A

Federal Planning Factors

This appendix summarizes how *Sustainable Choices 2050* 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 metropolitan area [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 2050* Address?

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

Goal 1 – Safety and Security

Ensure the safety and security of the Duluth-Superior area transportation system for all users and modes.

	Objectives	Planning Factor(s) Addressed
1	Ensure emergency response, disaster preparedness, risk mitigation, and other security measures are implemented and maintained across the Duluth-Superior area transportation system	1, 2, 3, 5, 7, 9, 10
2	Ensure evidence-based, data-supported safety design is incorporated into transportation projects	2, 3, 5, 7, 9
3	Improve safety for all users of the Duluth-Superior area transportation system, especially prioritizing its most vulnerable users	2, 3, 4, 5, 6
4	Meet all adopted safety-related federal and state performance measure targets	2
5	Maintain Duluth-Superior area transportation system infrastructure to minimize or mitigate risk for both people and freight	1, 2, 3, 8, 9
6	Use technology to improve the safety and security of the Duluth-Superior area transportation system	2, 3, 7

Goal 2 – Livable Communities and Equity

Develop and maintain a reliable year-round Duluth-Superior area transportation system that equitably enables people of all ages, incomes, and abilities to engage in our community’s civic, economic, and social opportunities and access needed services.

	Objectives	Planning Factor(s) Addressed
1	Ensure that investments in the Duluth-Superior area transportation system lead to improved and reliable transportation options for people of all ages, incomes, and abilities across all modes	2, 3, 4, 5, 6, 7, 9, 10
2	Ensure early and ongoing opportunities exist for the public to engage in two-way discussion about planned or proposed transportation improvements to the Duluth-Superior area transportation system	
3	Appropriately scale transportation-related projects across the Duluth-Superior area transportation system	2, 5, 6, 7
4	Make information about the Duluth-Superior area transportation system available to the public in a variety of ways	
5	Build and maintain Duluth-Superior area transportation system infrastructure in a manner that expands and/or enhances connectivity with key community resources (e.g., schools, parks, community centers, community gardens, the lakewalk, etc.)	4, 5, 6, 9, 10

Goal 3 – Health of People and the Environment

Promote public health, protect and enhance the environment, and facilitate energy conservation throughout the Duluth-Superior area transportation system.

	Objectives	Planning Factor(s) Addressed
1	Design and maintain infrastructure across the Duluth-Superior area transportation system to support and encourage a physically active everyday 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	Avoid, minimize, and/or mitigate the negative environmental impacts of the Duluth-Superior area transportation system	2, 5, 7, 8, 9

Goal 4 – Moving People and Goods

Ensure the Duluth-Superior area transportation system is developed and maintained as an integrated multimodal network that efficiently gets people and goods where they need to go.

	Objectives	Planning Factor(s) Addressed
1	Provide reliable and efficient travel options for the movement of people and goods across the entire Duluth-Superior area transportation system	1, 3, 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 for all modes	4, 7
4	Ensure that 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
5	Ensure that 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
6	Meet all adopted federal and state performance measure 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 – Economic Vitality

Develop and maintain the Duluth-Superior area transportation system to support economic productivity and competitiveness.

	Objectives	Planning Factor(s) Addressed
1	Ensure the Duluth-Superior area transportation system provides access to and connection between 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, 9, 10
4	Promote Duluth-Superior area transportation system decisions and investments that stimulate neighborhood and regional economic activity	1, 5, 6, 9, 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