



APPENDIX F

FEDERAL PLANNING FACTORS & STATE PLANNING GOALS

FEDERAL PLANNING FACTORS

Table F-1 shows how federal planning factors for Minnesota’s transportation system influenced the development of the Statewide Multimodal Plan objectives.

Table F-1: Federal planning factors and related SMTP objectives

Source: 23 USC 135(d)(1); 23 CFR 450.206(a)

FEDERAL PLANNING FACTOR	RELATED OBJECTIVE
Support the economic vitality of the United States, the States, nonmetropolitan areas and metropolitan areas, especially by enabling global competitiveness, productivity, and efficiency.	<ul style="list-style-type: none"> Critical Connections System Stewardship
Increase the safety of the transportation system for motorized and nonmotorized users.	<ul style="list-style-type: none"> Transportation Safety Healthy Communities
Increase the security of the transportation system for motorized and nonmotorized users.	<ul style="list-style-type: none"> Transportation Safety System Stewardship
Increase the accessibility and mobility of people and freight.	<ul style="list-style-type: none"> Critical Connections System Stewardship Healthy Communities
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.	<ul style="list-style-type: none"> Open Decision-making System Stewardship Healthy Communities
Enhance the integration and connectivity of the transportation, across and between modes throughout the State, for people and freight.	<ul style="list-style-type: none"> Critical Connections
Promote efficiency system management and operation.	<ul style="list-style-type: none"> System Stewardship
Emphasize the preservation of the existing transportation system.	<ul style="list-style-type: none"> System Stewardship
Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation.	<ul style="list-style-type: none"> System Stewardship
Enhance travel and tourism.	<ul style="list-style-type: none"> Critical Connections Healthy Communities

STATE TRANSPORTATION GOALS

The Minnesota State Legislature has identified sixteen statewide goals for transportation.¹ These goals, listed below, guided the development of the Statewide Multimodal Transportation Plan. While these goals as a whole influence transportation planning within the state, certain objectives and strategies were developed to specifically align with particular goals for the state transportation system.

Minnesota's Legislative Goals for the Transportation System

1. Minimize fatalities and injuries throughout the state
2. Accomplish these goals with minimal impact on the environment
3. Reduce Greenhouse gas emissions from the state's transportation sector
4. Promote and increase the use of high-occupancy vehicles and low-emission vehicles
5. Ensure that the planning and implementation of all modes of transportation are consistent with the environmental and energy goals for the state
6. Increase access for all persons and businesses and to ensure economic well-being and quality of life without undue burden placed on any community
7. Provide an air transportation system sufficient to encourage economic growth and allow all regions of the state the ability to participate in the global economy
8. Encourage tourism by providing appropriate transportation to Minnesota facilities designed to attract tourists and to enhance the appeal of tourist destinations across the state
9. Enhance economic development and provide for economical, efficient, and safe movement of goods to and from markets by rail, highway, and waterway
10. Increase the use of transit as a percentage of all trips statewide by giving highest priority to the transportation modes with the greatest people-moving capacity and lowest long-term economic and environmental cost
11. Promote and increase bicycling and walking as percentage of all trips as energy-efficient, nonpolluting, and healthy forms of transportation

¹ Minnesota Stat. 174.01, Subd. 2.

12. Provide transit services to all counties in the state to meet the needs of transit users
13. Provide a reasonable travel time for commuters
14. Promote accountability through systematic management of system performance and productivity through the utilization of technological advancements
15. Maximize the long-term benefits received for each state transportation investment
16. Provide for and prioritize funding of transportation investments that ensures the state's transportation infrastructure is maintained in a state of good repair

Table F-2 outlines the connection between the goals and the Statewide Multimodal Transportation Plan objectives and key strategies that support the goal.

Table F-2: State transportation goals and related SMTP objectives and key strategies

STATE GOALS FOR THE TRANSPORTATION SYSTEM	RELATED OBJECTIVE	KEY STRATEGIES
1. Minimize fatalities and injuries throughout the state	<ul style="list-style-type: none"> • Transportation Safety 	<ul style="list-style-type: none"> • Explore new opportunities to improve safety for all modes of transportation. • Plan, design, build, operate, and maintain transportation infrastructure and facilities to improve the safety of all users and the communities they travel through.
2. Accomplish these goals with minimal impact on the environment	<ul style="list-style-type: none"> • Healthy Communities 	<ul style="list-style-type: none"> • Support and implement approaches that preserve Minnesota's natural resources, avoid causing environmental harm, and improve environmental quality.
3. Reduce greenhouse gas emissions from the state's transportation sector	<ul style="list-style-type: none"> • Healthy Communities 	<ul style="list-style-type: none"> • Make transportation decisions that minimize and reduce total greenhouse gas emissions.
4. Promote and increase the use of high-occupancy vehicles and low-emission vehicles	<ul style="list-style-type: none"> • Healthy Communities • Critical Connections 	<ul style="list-style-type: none"> • Identify and give priority to infrastructure improvements, services, and education that increase the number of people who bike, walk, and take transit. • Develop and improve multimodal connections within and between cities and regions.
5. Ensure that the planning and implementation of all modes of transportation are consistent with the environmental and energy goals for the state	<ul style="list-style-type: none"> • Healthy Communities 	<ul style="list-style-type: none"> • Support and implement approaches that preserve Minnesota's natural resources, avoid causing environmental harm, and improve environmental quality.

STATE GOALS FOR THE TRANSPORTATION SYSTEM	RELATED OBJECTIVE	KEY STRATEGIES
6. Increase access for all persons and businesses and ensure economic well-being and quality of life without undue burden placed on any community	<ul style="list-style-type: none"> Critical Connections 	<ul style="list-style-type: none"> Support and develop multimodal connections that provide equitable access to goods, services, opportunities and destinations.
7. Provide an air transportation system sufficient enough to encourage economic growth and allow all regions of the state the ability to participate in the global economy	<ul style="list-style-type: none"> Critical Connections 	<ul style="list-style-type: none"> Develop and improve multimodal connections within and between cities and regions.
8. Encourage tourism by providing appropriate transportation to Minnesota facilities designed to attract tourists and to enhance the appeal of tourist destinations across the state	<ul style="list-style-type: none"> Critical Connections 	<ul style="list-style-type: none"> Define priority networks for all modes based on connectivity and access to destinations and integrate the networks into decision-making.
9. Enhance economic development and provide for economical, efficient, and safe movement of goods to and from markets by rail, highway, and waterway	<ul style="list-style-type: none"> Critical Connections Healthy Communities 	<ul style="list-style-type: none"> Improve freight operations and intermodal connections for better access to the transportation system. Support economic vitality and create and maintain jobs through transportation infrastructure investments.
10. Increase use of transit as a percentage of all trips statewide by giving highest priority to the transportation modes with the greatest people-moving capacity and lowest long-term economic and environmental cost	<ul style="list-style-type: none"> Critical Connections 	<ul style="list-style-type: none"> Develop and improve multimodal connections within and between cities and regions.
11. Promote and increase bicycling and walking as a percentage of all trips as energy-efficient, nonpolluting, and healthy forms of transportation	<ul style="list-style-type: none"> Critical Connections 	<ul style="list-style-type: none"> Develop and improve multimodal connections within and between cities and regions. Develop and improve connections between modes of transportation.
12. Provide transit service to all counties in the state to meet the needs of transit users	<ul style="list-style-type: none"> Critical Connections 	<ul style="list-style-type: none"> Develop and improve multimodal connections within and between cities and regions.
13. Provide a reasonable travel time for commuters	<ul style="list-style-type: none"> Critical Connections 	<ul style="list-style-type: none"> Support and develop multimodal connections that provide equitable access to goods, services, opportunities and destinations.
14. Promote accountability through systematic management of system performance and productivity through the utilization of technological advancements	<ul style="list-style-type: none"> Open Decision-Making 	<ul style="list-style-type: none"> Use research to inform decision-making and foster innovation within the transportation sector.
15. Maximize the long-term benefits received for each state transportation investment	<ul style="list-style-type: none"> System Stewardship 	<ul style="list-style-type: none"> Maximize the useful life of transportation assets while considering system performance, costs, and impacts to the state's economy, environment, and quality of life.
16. Provide for and prioritize funding of transportation investments that ensures the state's transportation infrastructure is maintained in a state of good repair	<ul style="list-style-type: none"> System Stewardship 	<ul style="list-style-type: none"> Give asset management priority to infrastructure on identified priority networks.

This page intentionally left blank.