

4.0 GUIDING PRINCIPLES, GOALS, OBJECTIVES, AND PLANNING FACTORS

4.1 GUIDING PRINCIPLES, GOALS AND OBJECTIVES

The Guiding Principles, Goals, and Objectives for the Go Sioux Falls 2045 LRTP are the primary drivers for the entire planning process. They establish the overall direction for the plan and serve as a resource when developing and prioritizing potential projects within the region.

The following Guiding Principles were established based on the results of the 2019 Market Research Study:

- Enhancing connections to allow for convenient travel between destinations in the Sioux Falls area
- Ensuring safety for all travelers throughout the region
- Ensuring the ability of the transportation network to accommodate the region's current and future transportation needs
- Developing and encouraging the use of multiple modes of transportation, including transit, walking, biking, and shared mobility

The Guiding Principles provide a foundation for the Go Sioux Falls 2045 LRTP Goals and Objectives, which also draw upon the previous LRTP (Go Sioux Falls 2040), the 2019 Market Research Study, the FAST Act Federal Planning Factors, and other regional plans. The Goals and Objectives are listed below.

Note: asterisks denote goals that align with Seed Projects identified in the 2019 Market Survey Report.

GOAL A. OPERATIONAL EFFICIENCY

Create a more efficient transportation system through system management and operational improvements as the region continues to grow.

- A.1 **Improve and maintain efficient traffic operations on routes across Sioux Falls to provide multiple reliable **cross-town travel** options.**
- A.2 Identify and improve traffic operations concerns on key rural routes throughout the MPA to preserve and enhance safety, mobility, and connectivity among **rural population centers**.
- A.3 Promote strategies and technologies that maximize the **capacity of existing facilities** to accommodate projected future growth.
- A.4 Promote reductions in **recurring congestion** through system management practices, operational strategies, and capacity enhancements.
- A.5 Maintain reliable, resilient operations by minimizing delays associated with **non-recurring congestion events**, such as incidents, work zones, weather, and special events.

GOAL B. CONNECTIVITY AND ECONOMIC VITALITY

Support regional economic vitality through a transportation network that serves inter- and intra-regional accessibility and mobility needs for both people and goods.



- B.1 Provide reliable access to **employment centers**, educational opportunities, health and social services, and a variety of **housing choices**.
- B.2 ****Support** economic development and diversification through transportation improvements that **link communities and destinations within the region**, especially along east-west routes. ******
- B.3 Increase the accessibility and mobility of people and freight through improvements that enable efficient, reliable, and cost-effective **roadway, rail, and air transportation options to other regions**.
- B.4 Align local, state, and federal transportation investments with **areas of projected population growth and economic development**.
- B.5 ****Enhance** regional travel and tourism by facilitating **connectivity between key regional travel routes and major destinations**. ******

GOAL C. LIVABILITY AND ENVIRONMENTAL SUSTAINABILITY

Preserve the social and environmental character of the region through an integrated approach that incorporates both transportation strategies and land use considerations.

- C.1 Protect and enhance the **natural and historic environment** using context-sensitive transportation strategies, including stormwater management best practices.
- C.2 Conserve land and support infill development through operational and multimodal transportation strategies, including increased opportunities for public transportation, biking, walking, and ride sharing.
- C.3 Preserve the **character of existing neighborhoods and communities**.
- C.4 Provide safe and comfortable **multimodal access to key destinations**, including for traditionally underrepresented populations and communities.

GOAL D. MULTIMODAL INTEGRATION

Provide an integrated transportation network that encourages use of multiple modes by offering travel choices that are accessible to all segments of the region's population.

- D.1 Provide **comfortable, convenient, safe, economical, and user-friendly multimodal transportation options** for all user groups, regardless of socioeconomic status or physical ability.
- D.2 ****Support** a fully integrated multimodal network to **facilitate walking, bicycling, driving, and taking public transportation**. ******
- D.3 ****Expand** and maintain a network of bicycle, pedestrian, multimodal, and transit facilities that **closes gaps, removes barriers, and connects** homes, activity centers, and complementary amenities. ******
- D.4 Implement **complete street policies** where appropriate to ensure streets serve as a shared public resource for all users.

GOAL E. SAFETY AND SECURITY

Promote a safe and secure transportation network through crash reduction, enhanced reliability and predictability, and improved emergency coordination.

- E.1 Improve the **safety** of the multimodal transportation system for all **user groups** regardless of socioeconomic status or physical ability.
- E.2 Increase the **resiliency, reliability, and predictability** of the transportation experience through system improvements, enhanced communication, and reduced emergency response times.
- E.3 Balance **capacity and travel time enhancements** with **safety considerations** for all users.

GOAL F. SYSTEM PRESERVATION

Extend the life of the transportation system by fostering a sustainable system that addresses the long-term needs of the region.

- F.1 ****Maintain** the transportation network by **tracking** the condition of assets, **identifying needs**, and **prioritizing** preservation, rehabilitation, and replacement projects.**
- F.2 **Increase** the lifespan of existing multimodal transportation infrastructure, streets, facilities, and other assets through proactive **preservation**.
- F.3 **Budget** for full **life-cycle costs** of all capital and network expansion projects to ensure the sustainability of new infrastructure.

4.2 FAST ACT PLANNING FACTORS

MAP-21 required that the eight Federal Planning Factors be considered within the planning process. The FAST Act carried this requirement forward and added two additional Planning Factors, including Factor #9 (Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation) and Factor #10 (Enhance travel and tourism).

The Federal Planning Factors helped to provide guidance during the development of the LRTP Goals. However, the final refined statements were developed to reflect the specific vision for the Sioux Falls MPO. As a result, the six Goals do not share a one-to-one relationship with the MAP-21/FAST Act Planning Factors. **Table 1** demonstrates the relationship between the MAP-21/FAST Act Federal Planning Factors and the Go Sioux Falls 2045 LRTP Goals.

Table 1: MAP-21/FAST Act Relationship to Go Sioux Falls 2045 LRTP Goals

MAP-21/FAST Act Planning Factors		Go Sioux Falls 2045 LRTP Goals
1	Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency	B. Connectivity and Economic Vitality
2	Increase the safety of the transportation system for motorized and non-motorized users	E. Safety and Security
3	Increase the security of the transportation system for motorized and non-motorized users	A. Operational Efficiency E. Safety and Security
4	Increase the accessibility and mobility of people and freight	A. Operational Efficiency B. Connectivity and Economic Vitality D. Multimodal Integration
5	Protect and enhance the environment, promote energy conservation, improve quality of life, and promote consistency between transportation	B. Connectivity and Economic Vitality C. Livability and Environmental Sustainability



MAP-21/FAST Act Planning Factors		Go Sioux Falls 2045 LRTP Goals
	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	B. Connectivity and Economic Vitality D. Multimodal Integration
7	Promote efficient system management and operation	A. Operational Efficiency D. Multimodal Integration
8	Emphasize the preservation of the existing transportation system	F. System Preservation
9	Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation	A. Operational Efficiency C. Livability and Environmental Sustainability E. Safety and Security
10	Enhance travel and tourism	A. Operational Efficiency B. Connectivity and Economic Vitality