

Chapter 2 – Plan Goals and Performance Targets

CHAPTER 2 – PLAN GOALS AND PERFORMANCE MEASURES

This chapter summarizes the goals of the plan, as well as the performance measures established during this process that will allow FMATS to monitor the success of implementing this plan and achieving its goals.

PROJECT GOALS

Goals for this Plan update are created based on a review of the 2035 MTP, input from FMATS and ADOT&PF staff and from the FMATS Technical Committee, and the requirements set forth for MTPs in 23 CFR 450. The goals provide a clear vision of what FMATS aims to achieve. They have been endorsed by both the Technical and Policy committees and were formally adopted in January 2015.

Goals

1. Coordinate planning efforts to provide an integrated transportation and land use system that embodies smart growth principles and stimulates the economy to grow.
2. Provide a safe, efficient, secure, and interconnected multi-modal transportation system for all users.
3. Protect the environment, improve air quality, and promote energy efficiency.
4. Optimize the utility and lifespan of the existing transportation system.
5. Ensure adequate transportation facilities to support economic development.

Relating the Goals to Planning Factors

Federal requirements for the MTP process are laid out in 23 CFR 450. In this section of the Federal code, eight planning factors are outlined that must be addressed by the MTP process. These factors are:

1. Support the economic vitality of the metropolitan 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; and
8. Emphasize the preservation of the existing transportation system.

In order to ensure that these factors are appropriately addressed in the MTP process, the goals must reflect these factors. To help identify if goals speak to a planning factor, the theme(s) of each factor is identified. The goals are then compared to these factors and their themes to determine if each factor is addressed by the goals of the Plan. As Table 2-1 illustrates, at least one goal is related to each of the planning factors.

Project Objectives

The project team and members of the FMATS Technical Committee developed objectives related to each of the goals. The objectives were developed to exude SMART characteristics. Those characteristics include being strategic, measurable, agreed to by multiple agencies, realistically achievable, and time bound. Table 2-2 summarizes the goals and subsequent objectives.

Table 2-1 2040 MTP Goals and Related Planning Factors

Proposed 2040 MTP Goals	Planning Factors
Goal #1: Coordinate planning efforts to provide an integrated transportation and land use system that embodies smart growth principles and stimulates the economy to grow	<ul style="list-style-type: none"> • Economic Vitality • Environment, Community, Economic Development
Goal #2: Provide a safe, efficient, secure, and interconnected multi-modal transportation system for all users	<ul style="list-style-type: none"> • Safety • Efficient Operation • Security • Accessibility/Mobility • Integration/Connectivity
Goal #3: Protect the environment, improve air quality, promote energy efficiency, and enhance regional quality of life	<ul style="list-style-type: none"> • Environment, Community, Economic Development • Efficient Operation
Goal #4: Optimize the utility and lifespan of the existing transportation system	<ul style="list-style-type: none"> • Efficient Operation • System Preservation
Goal #5: Ensure adequate transportation facilities to support economic development	<ul style="list-style-type: none"> • Economic Vitality • Efficient Operation

Table 2-2 2040 MTP Goals and Objectives

Proposed 2040 MTP Goal	Proposed 2040 MTP Objective
1. Coordinate planning efforts to provide an integrated transportation and land use system that embodies smart growth principles and stimulates the economy to grow.	1.1 Ensure that the MTP and the transportation and land use elements of comprehensive plans are consistent with each other.
	1.2 Ensure that local land use plans, proposed developments, and local and regional transportation plans are consistent with each other.
	1.3 Support consistency between transportation agencies by applying a mutually agreed to project development and prioritization process.
	1.4 Incorporate smart growth principles in local and regional plans.
	1.5 Provide X land use briefings per year to the FMATS Technical Committee to ensure consistency between transportation and land use planning efforts.
2. Provide a safe, efficient, secure, and interconnected multi-modal transportation system for all users.	2.1 Reduce the frequency and severity of crashes by X% by year YYYY.
	2.2 Develop and maintain an inventory of critical infrastructure.
	2.3 Reduce the number of structurally deficient bridges by X in Y years.
	2.4 Reduce the number of gaps in the transportation system by X% in Y years.
	2.5 Increase the percentage of the transportation system that is equipped with two or more modes by X% in Y years and three or more modes by Y% in Z years.
	2.6 Provide major destinations (as defined in the MTP) with at least two multimodal routes to the regional arterial network by year YYYY.
3. Protect the environment, improve air quality, and promote energy efficiency.	3.1 Achieve a no net loss of environmentally sensitive lands and improve the quality of impacted areas to better than pre-development standards.
	3.2 Prepare a list of financially feasible projects and programs that reduces emissions by XX% by year YYYY.
	3.3 Improve the energy efficiency of facilities and fleets by X% by year YYYY.
4. Optimize the utility and lifespan of the existing transportation system.	4.1 Maintain XX% of constructed facilities to adopted standards through established maintenance programs.
	4.2 Implement within X years YY% of all system efficiency improvement projects.
5. Ensure adequate transportation facilities to support economic development.	5.1 Reduce the number of identified major freight bottlenecks by X in Y years.
	5.2 Reduce the number of at-grade rail crossings that significantly limit freight rail operations by X in Y years.

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