

2040 Southeast Florida Regional Transportation Plan

Regional Goals, Objectives, & Measures of Effectiveness

Date: October 2015



SOUTHEAST FLORIDA  **2040**
REGIONAL TRANSPORTATION PLAN
Miami-Dade • Broward • Palm Beach

Southeast Florida Regional Transportation Plan 2040

Final Technical Memorandum Regional Goals, Objectives & Measures of Effectiveness

October 2015

Prepared for:



Prepared by:



The preparation of this report has been financed in part through grants from the Federal Highway Administration and Federal Transit Administration, U.S. Department of Transportation, under the State Planning and Research Program, Section 505 [or Metropolitan Planning Program, Section 104(f)] of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation. This document was developed for planning purposes for use by the Southeast Florida Region's three MPOs, including Broward, Miami-Dade and Palm Beach.

The Southeast Florida Transportation Council and the Broward, Miami-Dade and Palm Beach MPOs are not liable for any direct, indirect, special, incidental or consequential damages (such as, but not limited to, damages for loss of profits, business, savings or data) related to the use of this document or information produced as a result of this document or its interpretation. This information is publicly available and is provided with no warranty or promises of any kind whatsoever, express or implied, including warranties for merchantability or fitness for a particular purpose.

While every effort is made to confirm the accuracy of the information provided within this document and any analytical methods used to develop the information, no assurance of accuracy can be or is given. By using this document and the information in any way, the User is acknowledging this limitation, and is agreeing to use the document and the information therein at his or her own risk.

October 2015

TABLE OF CONTENTS

Introduction 2

Document Review Summary..... 4

Common Regional Goal 6

Regional Goals, Objectives and Measures of Effectiveness..... 8

LIST OF TABLES

Table 1	Common Regional Goal for Each Local 2040 LRTP.....	6
Table 2	2040 Regional Goals, Objectives and Potential Measures of Effectiveness	9

ATTACHMENTS

Attachment A Document Review Summary Tables

Attachment B Monitoring Measures of Effectiveness Options Provided by RTTAC Members

Section 1

Introduction



Introduction

The purpose of this task is to assess and update, as necessary, the Regional Goals, Objectives and Measures of Effectiveness (GOMs) to ensure the 2040 Regional Transportation Plan (RTP) is aligned with state, regional and local efforts, such as the 2060 Florida Transportation Plan and the Metropolitan Planning Organizations (MPOs) Long Range Transportation Plans (LRTPs), and the federal legislation known as Moving Ahead for Progress in the 21st Century (MAP-21). The 2040 Regional GOMs are intended to guide the Southeast Florida region toward stronger regional planning and sound transportation investments. Development of the regional GOMs is a state requirement and part of the ongoing coordination efforts of the region's three MPOs – Broward, Miami-Dade and Palm Beach MPOs.

This Technical Memorandum documents: (1) the assessment of goals, objectives, and measures of effectiveness associated with relevant efforts pertaining the region, (2) the agreement on a common regional goal to be incorporated into each MPO 2040 LRTP, and (3) the development of refined 2040 Regional GOMs.

Section 2

Document Review Summary



Document Review Summary

In order to refine the Regional GOMs, a review effort of legal mandates and relevant state, regional and local documentation was conducted. The GOMs identified in the reviewed documents were compared against the 2035 Regional GOMs to determine required revisions and/or additions. A list of reviewed documents is provided below and a table summarizing the comparison of reviewed documentation against the 2035 Regional GOMs is included in Attachment A.

Document Review List

- MAP-21 National and State Provisions
- Florida Department of Economic Opportunity (DEO) Strategic Plan for Economic Development
- Florida Chamber of Commerce Six Pillars 20-Year Strategic Plan
- Florida Department of Transportation (FDOT) 2010 Strategic Intermodal System Plan
- FDOT 2012 Performance Report
- FDOT 2060 Florida Transportation Plan
- Broward 2040 LRTP Goals and Objectives
- Miami-Dade 2040 LRTP Preliminary Goals and Objectives
- Palm Beach 2040 LRTP Preliminary Goals and Objectives

Relevant information from the Seven50 Southeast Florida Prosperity Plan, being developed in parallel with the 2040 RTP, also was gathered and considered. Attachment A provides a summary of the goals, desired outcomes and measures associated with the regional planning issues targeted by the Seven50 Plan.

Review of the background documentation discussed above suggest that the Regional GOMs could benefit from explicitly targeting the regional economy and further addressing regional environmental coordination and multimodal travel.

Section 3

Common Regional Goal



Common Regional Goal

As part of the ongoing coordination efforts among the region’s three MPOs – Broward, Miami-Dade, and Palm Beach MPOs – a common regional goal was developed to be incorporated into each 2040 LRTP. A number of options were drafted and presented to the Southeast Florida Regional Transportation Council (SEFTC) Regional Transportation Technical Advisory Committee (RTTAC), and after some refinement, a common regional goal, targeting coordinated regional planning for seamless travel throughout the region, was agreed upon. The Common Regional Goal, including its slogan/theme, is provided in Table 1. It illustrates the Southeast Florida MPOs’ commitment to continue strengthening regional coordination.

Table 1 Common Regional Goal for Each Local 2040 LRTP

Slogan/Theme	Three Metropolitan Areas – One Traveling Public
Common Regional Goal in 2040 local LRTPs	Coordinated regional planning and decision-making that results in a seamless system of multimodal facilities to meet the travel needs of people and freight.

Section 4
Regional Goals, Objectives and Measures of Effectiveness



Regional Goals, Objectives and Measures of Effectiveness

As previously described, reviews of background documentation served as guidance for refinement of the Regional GOMs. The most significant changes resulting from the assessment of the 2035 Regional GOMs relate to the inclusion of: (1) a goal and related objectives targeting the regional economy, (2) an objective addressing regional environmental coordination, and (3) objectives that further support means for multimodal travel. In addition, it was recognized that the goals and objectives developed complemented one another providing for sustainability and quality of life throughout the region. The 2040 goals and objectives, classified by themes, are shown in Table 2.

Potential measures of effectiveness (MOEs) were further evaluated based on FDOT Central Office performance measurement activities and the SEFTC Outcomes Assessment Annual Report. The MOEs associated with each of the goals and objectives are summarized in Table 2. These will be considered during the project prioritization portion of the RTP. Moreover, Attachment B documents additional MOEs targeting system monitoring that were offered by RTTAC members during the RTP GOMs development process. These are provided for reference as potential monitoring options and may be considered in future updates of the SEFTC Outcomes Assessment Annual Report.

It should be noted that development of the Regional GOMs considered citizen input obtained as part of the local LRTP workshops and regional survey (distributed at the workshops and available at <http://seftc.org/regionalplan>).

Table 2 2040 Regional Goals, Objectives and Potential Measures of Effectiveness

Themes		Goals	Objectives	Measures of Effectiveness
SUSTAINABILITY AND QUALITY OF LIFE	MOBILITY	Provide an Efficient and Reliable Transportation System for Regional Passenger and Freight Operations	1. Preserve, restore and expand the existing regional transportation system capacity to support planned increases in passenger and freight demands	1. Per capita regional transit capacity 2. Per capita regional highway capacity 3. Tonnage of freight goods moving through Ports
			2. Optimize existing system capacity through such efforts as increased highway and/or transit capacity, increased freight capacity, Transportation System Management and Operations related strategies, and Travel Demand Management Strategies	4. Uncongested peak VMT per lane mile 5. Percent of auto and freight miles severely congested 6. Percent of auto and freight trips achieving a reliable travel time (travel time reliability) 7. Percent increase in transit revenue hours
	ACCESSIBILITY	Provide Multimodal Access to Regional Passenger and Freight Activity Centers	3. Provide competitive and reliable auto and transit travel times	8. Average time spent traveling per capita 9. Transit to auto travel time comparisons between top 5 to 10 regional Origin-Destination pairs 10. Percent of trips meeting LOS criteria 11. Percent increase in transit on-time performance
			4. Increase mode choice opportunities for regional travel (includes both motorized and non-motorized modes)	12. Annual transit trips per capita 13. Commute mode share 14. Percent of regional network serving three or more modes 15. Percent population (within 1-mile) served by the regional transit system
			5. Provide efficient and reliable regional routes for freight goods movement to and from regional freight hubs and destinations	16. Per capita freight miles traveled in congestion 17. Percent of freight miles severely congested 18. Percent of freight trips achieving a reliable travel time (travel time reliability)
			6. Provide reliable and convenient access to the region's major employment centers and regional activity centers from low-income residential areas	19. Percent of low-income residential areas with access (within a 1-mile buffer) to the regional transit system
	CONNECTIVITY	Provide an Integrated Multimodal Transportation System Throughout the Region	7. Increase multimodal connections between major residential areas and major employment centers in the region (major regional origin-destination (O-D) pairs)	20. Percent of regional corridors serving regional O-D pairs that support two or more motorized modes 21. Percent of regional corridors serving regional O-D pairs with bicycle lanes, sidewalks, multiuse paths, greenways and/or trails
			8. Provide regional service (rail, express bus and/or rapid bus) to regional activity centers and major employment centers	22. Percent of regional activity centers and major employment centers served with regional transit service (rail, express bus and/or rapid bus)
			9. Increase density and intensity of origins and destinations along regional transit corridors and promote development of mixed use activity centers	23. Percent of total dwelling units along regional transit corridors versus region-wide total 24. Percent of total units (all types) within one-mile buffer of regional transit routes versus region-wide total 25. Reduction in percentage of single occupancy vehicle (SOV) trips

Themes		Goals	Objectives	Measures of Effectiveness
	ENVIRONMENT	Protect the Region's Environment, Promote Energy Conservation, and Provide a Resilient and Adaptable Transportation System	10. Improve air quality and reduce greenhouse gas emissions through efforts such as promoting alternative vehicle technologies, increasing non-single occupant vehicle (SOV) forms of travel, promoting transportation investments that support mixed-use areas, and improving travel time reliability	26. Percent decrease in per capita CO2 emissions 27. Per capita vehicle miles traveled (VMT) 28. VMT per gallons of fuel and diesel consumed
			11. Provide and promote coordination among regional partners for transportation system resiliency and adaptability	29. Number of regionally significant environment-related projects and plans with SEFTC participation
			12. Minimize right-of-way intrusions on the natural environment, historic and/or culturally significant areas	30. Percent of planned improvements with no impacts and/or fully mitigated impacts to natural environment, historic, and/or culturally significant areas
	SAFETY AND SECURITY	Provide for a Safer and More Secure Transportation System for the Region's Residents, Businesses and Visitors	13. Reduce fatal and serious injury crashes on regional corridors	31. Number of fatal crashes per 100 million VMT 32. Number of serious injury crashes per 100 million VMT
			14. Preserve and enhance the capacity of regional evacuation corridors	33. Per capita regional evacuation corridor capacity
	ECONOMY	Provide Transportation Investments to Support an Expanding Regional Economy	15. Provide regional transportation facilities and services to existing and developing major employment centers	34. Percent of major employment center transportation needs met by the Cost-Feasible LRTP
16. Decrease household income spent on transportation costs			35. Per capita percent of household income spent on transportation 36. Per capita commute length	

Attachment A Document Review Summary Tables

**Attachment B Monitoring Measures of
Effectiveness Options Provided by RTTAC
Members**