



Space Coast Transportation Planning Organization Governing Board Strategic Plan

FY 2023 - FY 2025

MISSION: To plan a transportation system that enhances quality of life and economic development by engaging the community.

VISION: Provide a safe, multimodal, innovative, and resilient transportation system for all.

Leadership

Represent and promote the Space Coast TPO

Priority Actions:

- Report TPO actions and policies to Councils/Boards
- Share TPO social media posts and news
- Pursue leadership development opportunities

Performance Measure:

Implement Governing Board Strategic Plan



Safety

Implement a safe transportation system for all users

Priority Actions:

- Support implementation of Vision Zero Action Plan
- Support innovative safety counter measures

Performance Measure:

Prioritize a Safe System Approach Pilot Project on a High Injury Network Corridor



Linking Transportation & Land Use

Plan a network that provides transportation choices

Priority Actions:

- Participate in 2050 Long Range Transportation Plan development
- Explore opportunities to connect transportation hubs

Performance Measure:

Adopt Plans, Projects, and Programs that Increase Transportation Choices



Resiliency & Sustainability

Plan for a resilient and sustainable transportation system

Priority Actions:

- Participate and share Resiliency Public Engagement campaign and activities
- Keep utility departments and stakeholders informed

Performance Measure:

Adoption of Transportation Resiliency Master Plan



Technology & Data

Implement technology to enhance reliability of the transportation system

Priority Actions:

- Continue funding support of TSMO
- Encourage municipalities to develop transportation technology and data sharing policies

Performance Measure:

Launch Data Dashboard





Leadership

Represent and Promote the Space Coast TPO

Previous Accomplishments

- Participated in Governing Board Strategic Plan Workshop
- Participated in Member Orientation
- Developed robust social media presence
- Launched new website

Actions

Short Term

- Report TPO actions and policies to Councils/Boards
- Identify creative funding and grant opportunities
- Share TPO social media posts and news
- Attend Annual Governing Board Retreat
- Adopt Public Participation Plan Update
- Adopt Annual Legislative Priorities
- Pursue leadership development opportunities and trainings

Long Term

- Develop program to engage junior leaders through partnership with Brevard Public Schools, local Colleges/Universities, and technical education programs
- Research champion development programs

Obstacles

- Understanding of member roles and expectations
- Lack of funding and flexible use
- Engagement and understanding of roles from public and partners

Performance Measure

Implement Governing Board Strategic Plan

Resources

- Member Orientations
- MPOAC Institute
- FHWA guidance on new federal grant programs
- Social Media and Public Engagement



Safety

Implement a Safe Transportation System for All Users

Previous Accomplishments

- Adoption of Vision Zero Master Plan
- Vision Zero adopted by 7 cities (Cocoa, Cocoa Beach, Melbourne, Melbourne Beach, Palm Bay, Satellite Beach, Titusville)
- Development of Vision Zero Leadership Team
- Safe System Symposium

Actions

Short Term

- Utilize Safe System Approach
- Support implementation of Vision Zero Action Plan Strategies
- Support innovative safety countermeasures such as RRFBs, lane reassignment, roundabouts, and more
- Encourage collaborative partnerships with law enforcement, health providers, schools, and others
- Champion the education on Vision Zero and safety counter measures

Long Term

- See a recognizable trend of reduction in traffic injuries, fatalities, and crashes
- Support the implementation of best practices in setting target speeds and speed limits
- Encourage policy and regulatory changes that support Vision Zero and safety counter measures

Obstacles

- Acceptance of proven safety counter measures
- Current roadway designs

Performance Measure

Prioritize a Safe System Approach Pilot Project on a High Injury Network Corridor

Resources

- FHWA Counter Measures and Safe Systems Approach
- FDOT Safety Office
- Vision Zero Action Plan
- Safe Routes to School Program
- Community Traffic Safety Team
- Signal 4 Crash Database



Linking Transportation & Land Use

Plan a Network that Provides Transportation Choices

Previous Accomplishments

- Adoption of 2045 Long Range Transportation Plan
- Development of Project Prioritization Methodology
- Adoption of Bicycle & Pedestrian Master Plan
- Coordination with transit (ADA Assessment, Transit Survey, etc)

Actions

Short Term

- Engage with all stakeholders, including underserved and transportation disadvantaged populations
- Explore opportunities to connect transportation hubs and further transit oriented development, specifically regarding Brightline Passenger Rail
- Participate in 2050 Long Range Transportation Plan development
- Approve development of SMART(ER) Space Coast (Space, Mobility, Accessibility, Revenue, Technology, Energized Relationships)
- Pursue changes in federal funding policies and requirements to provide more flexible use and access to funding sources

Long Term

- Support development of a Micromobility Analysis and Master Plan
- Utilize data dashboard
- Meet all users and modes transportation needs

Obstacles

- Lack of regional community vision
- Lack of easily accessible and user friendly data system
- Lack of tools to analyze the impacts of land use decisions on transportation

Performance Measure

Adopt Plans, Projects, and Programs that Increase Transportation Choices

Resources

- Space Coast TPO Master Plans - Bicycle & Pedestrian Master Plan, Intelligent Transportation System Master Plan
- State of the System Report
- 2045 Long Range Transportation Plan
- Partner agencies
- Social media and public engagement



Resiliency & Sustainability

Plan for a Resilient and Sustainable Transportation System

Previous Accomplishments

- Completed Sea Level Rise Vulnerability Assessment
- Began Transportation Resiliency Master Plan development
- Began holding Environmental Review Meetings with Long Range Transportation Plan and List of Project Priorities Development

Actions

Short Term

- Participate in and share Resiliency Public Engagement campaign and activities
- Participate in Phase 2 of Transportation Resiliency Master Plan Corridor Assessments
- Keep utility departments and relevant stakeholders informed on TPO projects and activities

Long Term

- Help improve water quality and environment through project implementation and partnerships
- Support implementation of SR 528 bridge widening and resiliency improvements
- Support and fund a pilot project on an innovative engineering resiliency solution

Obstacles

- Lack of community knowledge on resiliency and impacts to transportation system
- Resiliency project implementation funding
- Need to retrofit from old designs and engineering

Performance Measure

Adoption of Transportation Resiliency Master Plan

Resources

- East Central Florida Regional Resiliency Collaborative
- Sea Level Rise Scenario Sketch Planning Tool
- Florida Coastal Resiliency Office
- Sea Level Impact Project (SLIP) Study Tool
- Transportation Resiliency Master Plan (Fall 2022)



Technology & Data

Utilize Technology to Enhance Reliability of the Transportation System

Previous Accomplishments

- Adoption of Intelligent Transportation System Master Plan
- Funding of Brevard Traffic Management Center
- Continued funding for Brevard County Traffic Operations
- Participation in Transportation System Management & Operations (TSMO) Consortium
- Implementation of innovative solutions such as diverging diamond and rectangular rapid flashing beacons

Actions

Short Term

- Continue funding support of TSMO
- Encourage municipalities to develop transportation technology and data sharing policies
- Continue implementation, maintenance, and operations of innovative solutions
- Learn and share how to use the data dashboard

Long Term

- Collaborate resources in new Brevard Traffic Management Center
- Promote school aged education program on Transportation Innovation
- Update to Intelligent Transportation System Master Plan to incorporate new technologies and innovations
- Increase funding support of TSMO

Obstacles

- Local knowledge and education on innovative strategies and technologies
- Lack of easily accessible and user friendly data system
- Ability to plan for rate of implementation of new technologies such as electric or connected vehicles

Performance Measure

Launch Data Dashboard

Resources

- Intelligent Transportation System Master Plan
- Regional TSMO Group
- Brevard TSMO Group
- Intersection Control Evaluation (ICE)