



metroplan orlando
A REGIONAL TRANSPORTATION PARTNERSHIP

Good Afternoon!

The 2050 MTP Technical Workshop will begin shortly.

October 9, 2025 | 2:00 PM



2050 Metropolitan Transportation Plan Technical Workshop

October 9, 2025

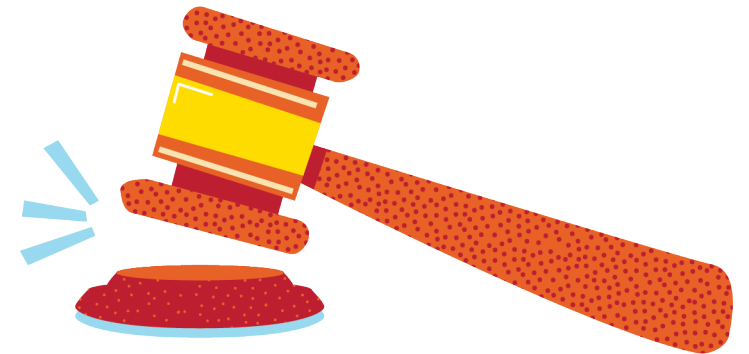


Welcome!

Federal Highway Administration East Central
Florida Regional Planning Council Central
Florida Regional Transportation Authority/LYNX
Orange County Apopka Belle Isle Eatonville
Edgewood Maitland Oakland Ocoee Orlando
Windermere Winter Garden Winter Park SunRail
Greater Orlando Aviation Authority Osceola
County Kissimmee Saint Cloud Kissimmee
Gateway Airport Seminole County Altamonte
Springs Casselberry Lake Mary Longwood Oviedo
Sanford Winter Springs Orlando-Sanford
International Airport Florida Department of
Transportation Florida Turnpike Enterprise
Central Florida Expressway Authority Central
Florida Tourism Oversight District Orange
County Public Schools Osceola County Public
Schools Seminole County Public Schools

AGENDA

- I. General Status Updates**
- II. Journey to 2050**
- III. 2050 MTP Public Review Period**
- IV. Open Discussion**
- V. Public Comments**
- VI. Next Steps**
- VII. Adjournment**



Status Updates

FDOT Central Florida Regional Planning Model (CFRPMv8)

Draft 2050 MTP Published Online

- Organized by Chapters, Appendices, and Supplemental Documents
- Public review period ongoing

2050 MTP Online Draft Needs Viewer

- Mapped results of the 2050 MTP Needs Assessment



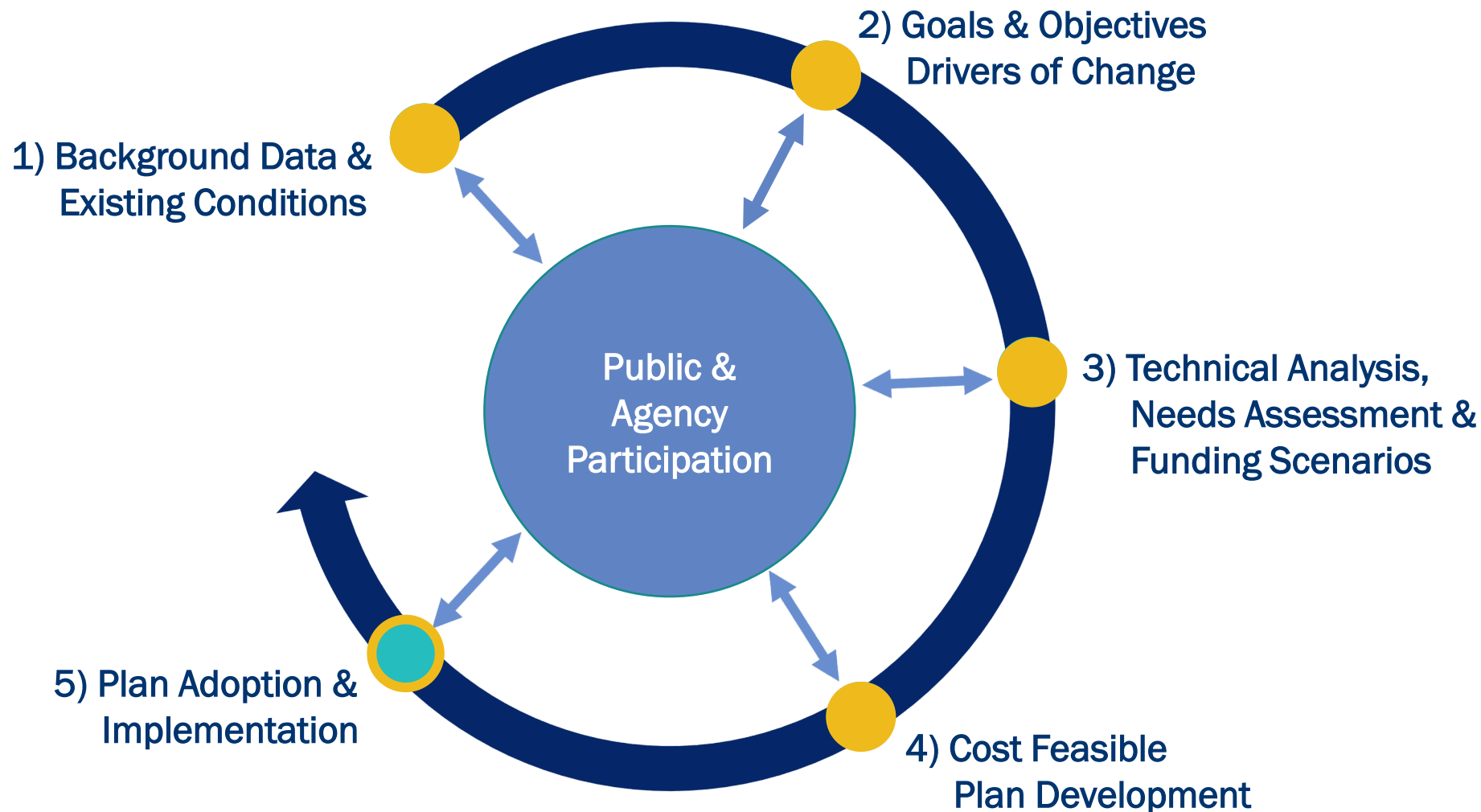


Journey to 2050: The Grand Tour

Taylor Laurent, PE, AICP
MetroPlan Orlando

2050 Planning Process

Simplified



Key Federal Requirements

23 CFR 450.324

- Minimum 20-year planning horizon
- Updated every five years
- Cost Feasible and Fiscally Constrained
- Performance-Based Planning





Planning Emphasis Areas

23 CFR 450.306



Transportation
Resiliency



Transit Asset
Management



Performance
Based Planning



Safety



Intercity
Travel



Stormwater
Mitigation



Environmental
Linkages



Housing



Tourism &
Visitors



Scenario
Planning



Rural
Connectivity



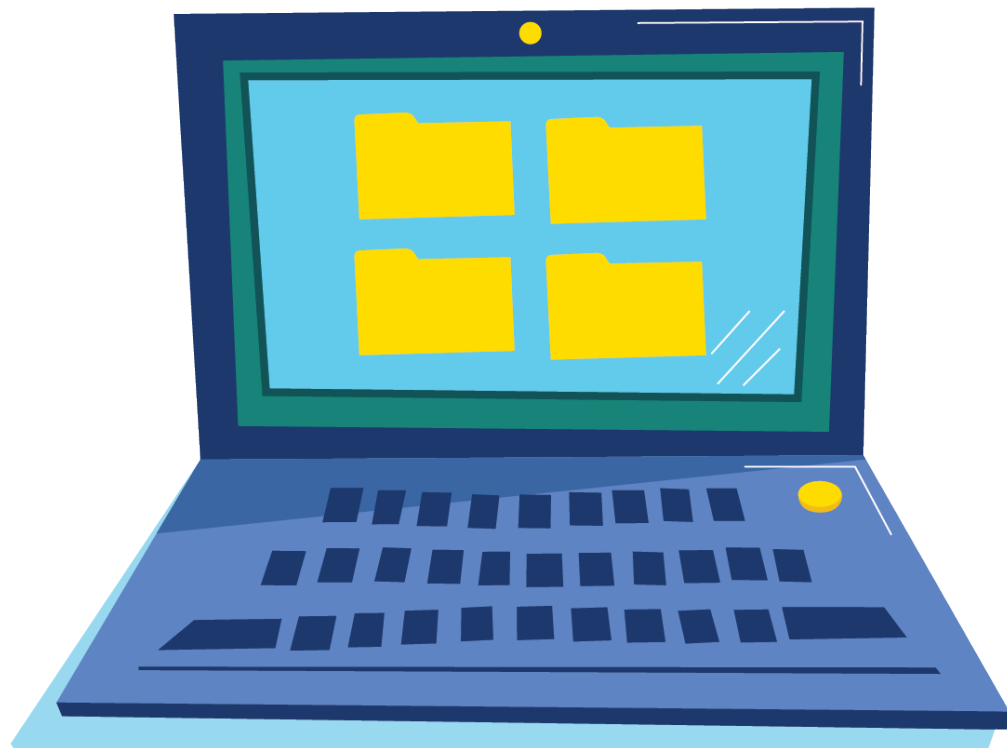
Congestion
Management

Public Participation

23 CFR 450.316

- Reasonable opportunities to be involved
- Make information available in electronically accessible formats
- Seek out & consider needs of traditionally underserved
- Visualization techniques & plain language





Tour of the 2050 MTP

20 Report Chapters

20+ Appendices / Technical Reports

Introduction

2050 MTP: Chapter 1

- About MetroPlan Orlando
- Background Information and Statutory Requirements
- Long Range Planning Approach
- Final Report Outline



Goals & Objectives

2050 MTP: Chapter 2

- Five (5) Goals
- 15 Measurable Objectives
- Indicators are tied to federal performance measures while others serve as MPO-specific performance measures
- Many indicators support multiple goals and objectives.



SAFETY



RELIABILITY



CONNECTIVITY



COMMUNITY



PROSPERITY



Existing Conditions, Area Profile and Travel Patterns

2050 MTP: Chapter 3

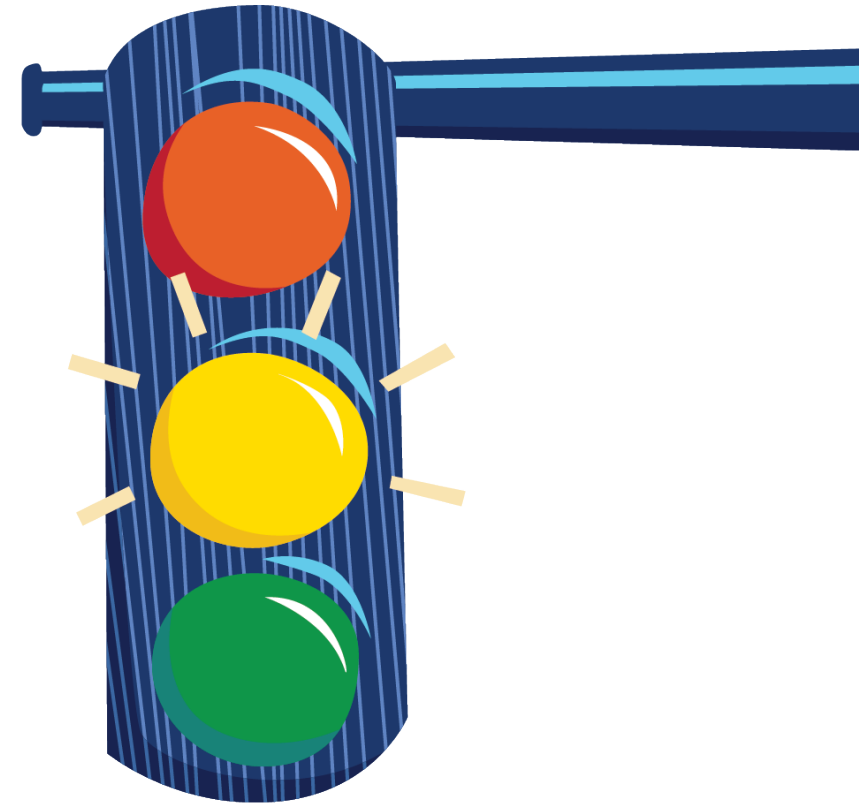
- Regional Trends based on 2050 MTP Goals/Objectives
- Area Profile and Existing Infrastructure
- Origin-Destination and Travel Patterns: Community Profile, Megaregional Trends, Multimodal Patterns and Trip Making



Congestion Management Process

2050 MTP: Chapter 4

- Understanding Congestion
- Study Area and System Monitoring
- Recommended Strategies and Toolbox
- Evaluation Plan and Performance Scorecard



Community Health and Housing

2050 MTP: Chapter 5

- Public Health Literature Review
- Introduction to Housing Component
- Stakeholder Engagement Processes
- Desired Outcomes and Opportunities



Environmental Stewardship and Resilience

2050 MTP: Chapter 6

- Existing Conditions (Land/Water/Air)
- Agency Consultation Process
- Wetland Assessment and Land Suitability Analysis
- Risk and Asset Assessment
- Improvement Approaches and Mitigation Strategies



Freight and Goods Movement

2050 MTP: Chapter 7

- Freight System Inventory
- Conditions, Performance, and Demand
- Intermodal Trends and Conditions
- Freight Needs and Strategies



Transit Element

2050 MTP: Chapter 8

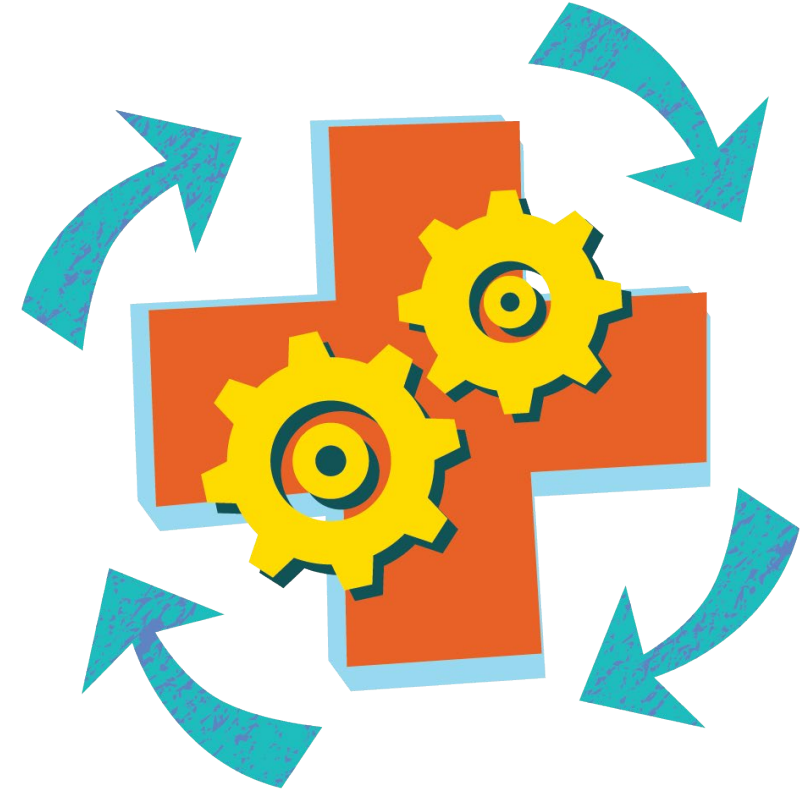
- Data and Existing Conditions
- Challenges and Opportunities
- Transit Oriented Development
- Bus and Rail System Needs
- Future of Transit
- Investment and Funding Strategies



Regional Safety Element

2050 MTP: Chapter 9

- Understanding Crash Trends
- High Injury Networks
- Feedback from the Community
- Strategies and Countermeasures
- Prioritizing Transportation Safety
- Funding Opportunities



Active Transportation Needs Assessment

2050 MTP: Chapter 10

- Existing Network and Facility Types
- Policy Guidance and Strategies
- Pedestrian and Bicycle Needs
- Level of Traffic Stress
- Accessibility and Comfort Analysis



TSM&O Needs Assessment

2050 MTP: Chapter 11

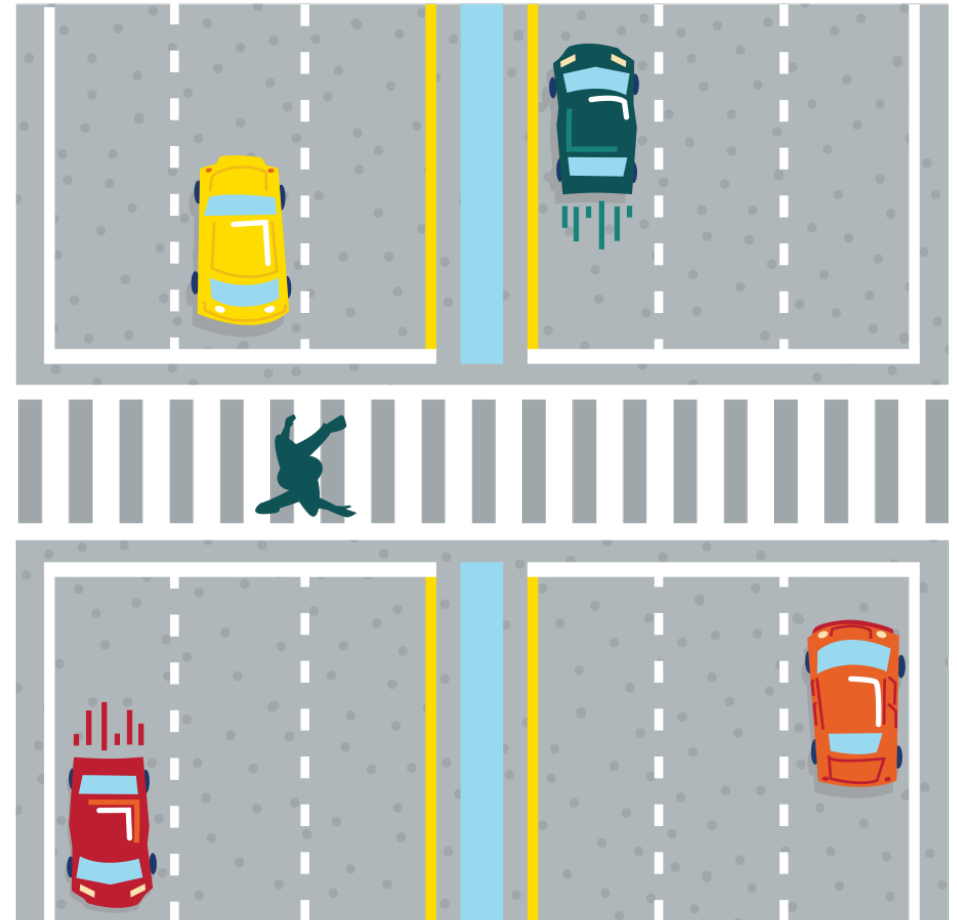
- What is TSM&O?
- Master Plan Development
- Needs Assessment
- Project Identification
- Regionwide Strategies



Roadway Needs Assessment

2050 MTP: Chapter 12

- Roadway Analysis Methodology
- Traffic Growth Rates
- Forecasted Congestion
- Roadway Needs



Multimodal Needs

2050 MTP: Chapter 13

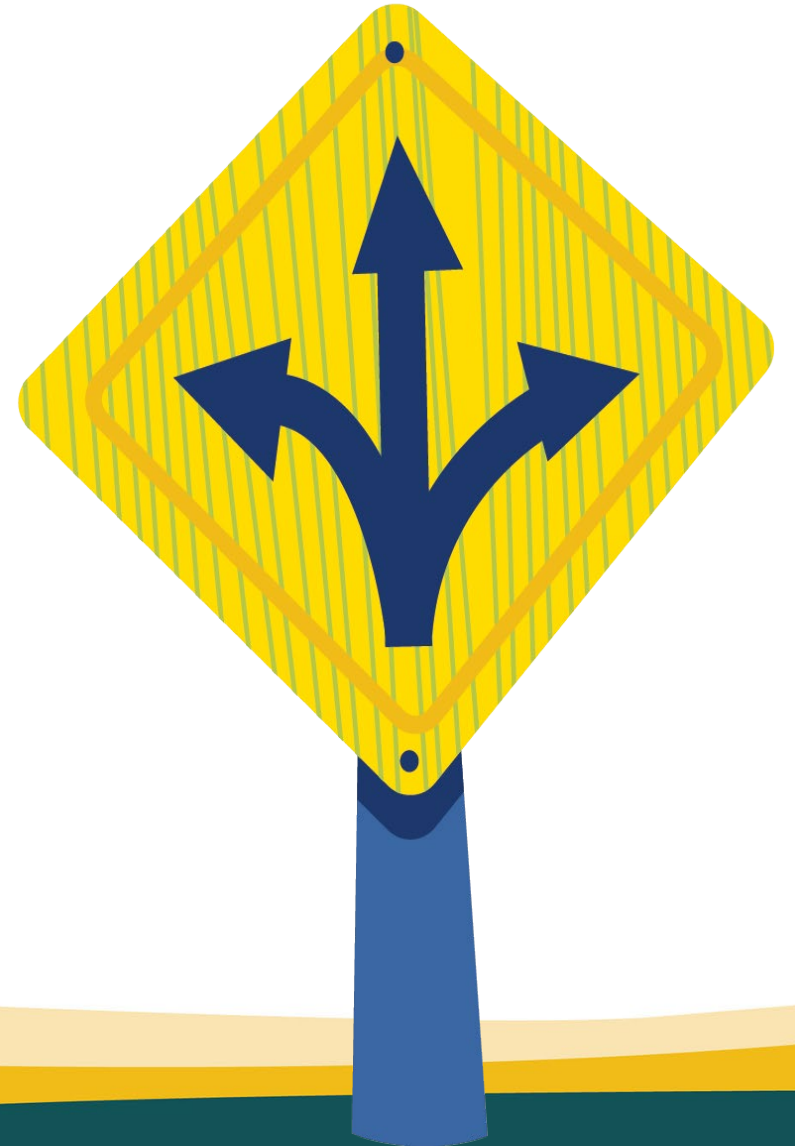
- Assessment Process
- Engagement Approach
- Needs Consolidation
- Project Categories and Results



Drivers of Change

2050 MTP: Chapter 14

- Population and Demographics
- Health and Safety
- Economy and Visitation
- Technology and Energy
- Climate and Risks
- Project Costs and Funding Policy



Public Participation Findings

2050 MTP: Chapter 15 (coming soon)

- Summary of approaches
- What we heard along the way
- How feedback guided the long-range planning process
- Record of public comments



Prioritization Process

2050 MTP: Chapter 16

- Approach and Method
- Project Evaluation Framework
- Criteria and Weighting
- Analysis Tools and Data Model



Financial Resources

2050 MTP: Chapter 17

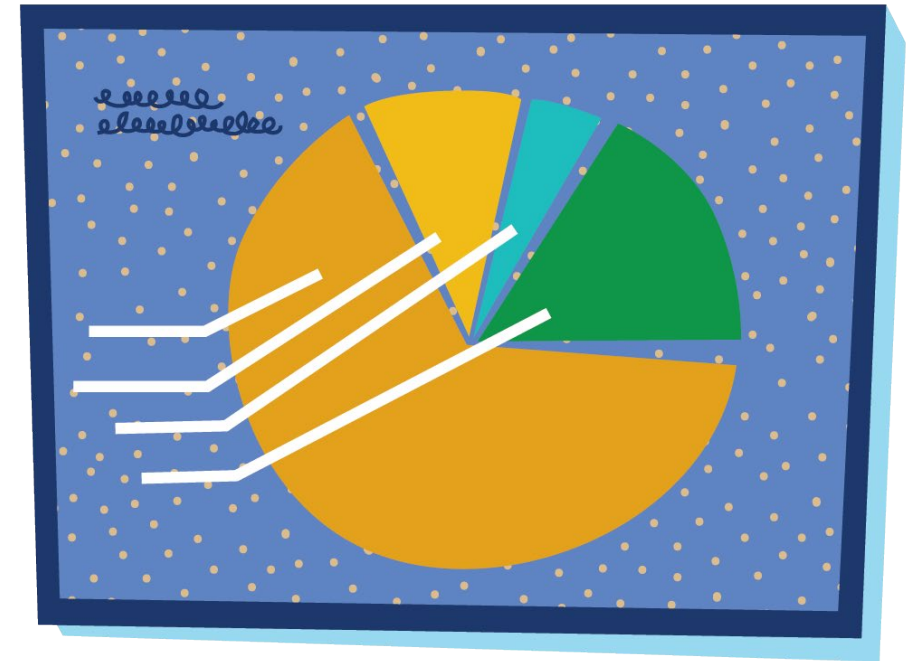
- Transportation Funding Sources
- Projected Revenues
- Financing Strategies
- Inflation Considerations



Funding and Investment Policy

2050 MTP: Chapter 18

- Public Survey and Refining Direction
- Scenario Development
- Evaluation Process
- Recommended Funding Policy



Cost Feasible Plan

2050 MTP: Chapter 19

- Long Range Strategies
- Reasonably Available Resources
- Policy Direction
- Cost Feasible Projects and Unfunded Needs



Conclusion and Implementation Plan

2050 MTP: Chapter 20

- Next steps following the Plan's adoption
- Project Implementation via PPL and TIP
- MTP Maintenance Processs for Planning Consistency





Supplemental Documentation

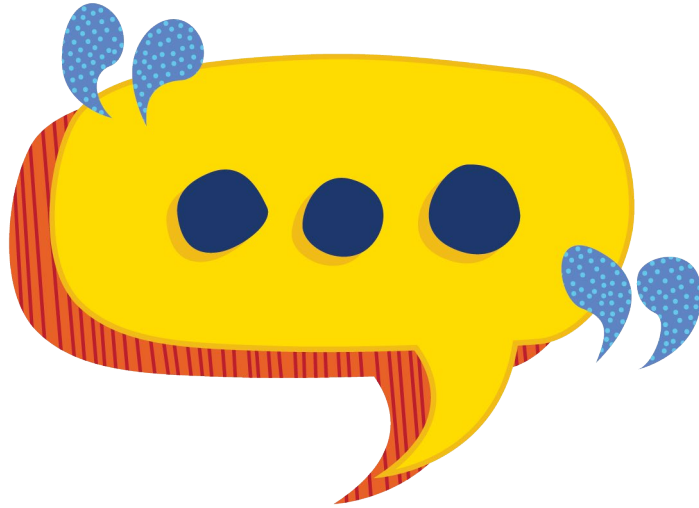
2050 MTP: Appendices and Technical Reports

- Appendix A – Data Source Guide
- Appendix B – Plans Review Summary
- Appendix C – O-D Analyses & Travel Profiles
- Appendix D – System Performance Report
- Appendix E – Congestion Management Process Summary of Performance Measures Trends
- Appendix F – Community Health and Housing Supplemental Information
- Appendix G – Environmental Stewardship
- Appendix H – Regional Transit Needs
- Appendix I – Regional High Injury Network Transportation Needs and Opportunities
- Appendix J – Sidewalk Needs
- Appendix K – TSMO Strategies by Project Corridor
- Appendix L – Public Participation Documentation*
- Appendix M – Public Participation Plan*
- Appendix N – Record of Public Comments*
- Appendix O – Financial Resources Supplemental Information
- Appendix P – Transportation Project Cost and Complexity Estimations
- Appendix Q – Local Transportation Needs and Opportunities



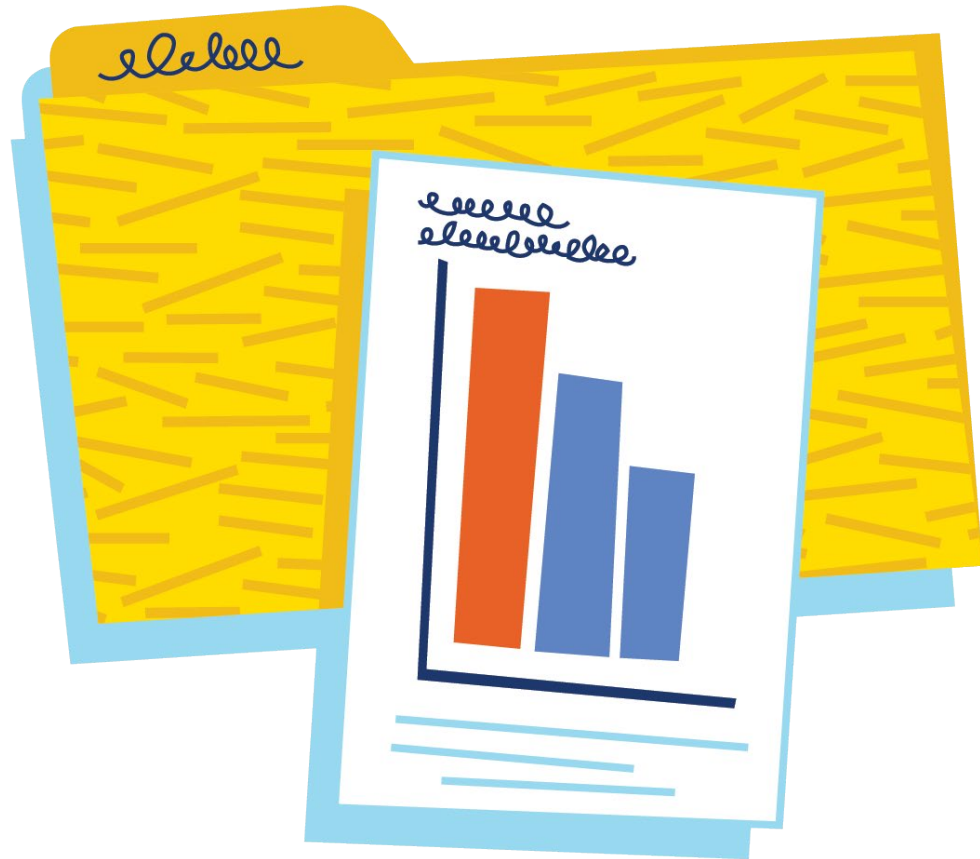
**Coming soon*





Any questions?

- Use the “Raise your hand” button
- Type your questions into the “Q&A” box



Cost Feasible Project Lists (draft)

Cost Feasible Plan Programming Structure

Existing + Committed

- Projects fully programmed for construction in the Transportation Improvement Program (TIP)

In Progress

- Projects that are partially programmed in the TIP but not yet finished or funded for construction

Cost Feasible

- Projects that have not been started but are high priorities and financially feasible by 2050

Unfunded Needs

- Projects that are needed but can not be afforded based on reasonably available revenues

2050 MTP: Cost Feasible Plan

State Highway System Projects



51 State Highway System Projects

Estimated funding = **\$1.075 Billion**

Note: Full list of State Highway System Cost Feasible Projects and Unfunded Needs is shown in Table 19-5 of the draft 2050 MTP.

Includes capacity, multimodal, safety, and operational improvements on:
SR 535 (Apopka-Vineland Rd), SR 434, SR 50 (Colonial Dr), SR 426 (Aloma Ave),
US 17/92 (Orlando Ave), SR 436 (Semoran Blvd), SR 535, US 192 (Vine St),
US 441, SR 438 (Silver Star Rd), SR 423 (John Young Pkwy), and SR 482



2050 MTP: Cost Feasible Plan

High Injury Network (HIN) Safety Countermeasures

2 Safety Focused Project Funding Programs

Estimated funding = **\$146.3 Million**

Funding programs will support safety improvement projects on identified High Injury Networks on and off the State Highway System. Project lists will be developed annually by the MetroPlan Orlando Technical Advisory Committee and Board in cooperation with FDOT.



Note: Full list of HIN/Safety Cost Feasible Funding Programs shown in Table 19-8 of the draft 2050 MTP.



2050 MTP: Cost Feasible Plan

Urban Corridor Improvements / Context Sensitive Projects



Note: Full list of Context Sensitive Cost Feasible Projects and Unfunded Needs is shown in Table 19-9 of the draft 2050 MTP.

21 Complete Streets Projects

Estimated funding = **\$123.4 Million**

Includes roadway improvements considering the needs of all users on: Edgewater Dr, North Street/Palm Springs Dr, Central Ave, Oak Ridge Rd, Warren Ave, Hiawasse Rd, Michigan Ave, Gore St, and Winter Park Dr



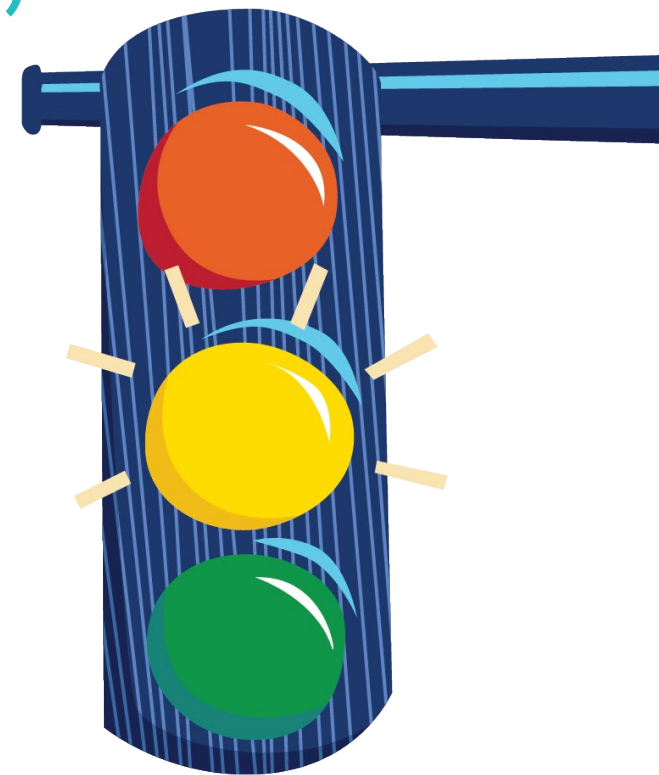
2050 MTP: Cost Feasible Plan

Transportation Systems Management & Operations (TSM&O)

27 TSM&O Project Bundles & Programs

Estimated funding = **\$120.3 Million**

Includes intersection improvements and high-tech enhancements on:
Hughey & Garland Ave, Lawrance Silas Blvd, CR427/Ronald Regan Blvd,
Old Winter Garden Rd, John Young Pkwy, Pine Hills Rd, and Lake Mary Blvd



Note: Full list of TSM&O Cost Feasible Projects and Unfunded Needs is shown in Table 19-11 of the draft 2050 MTP.



2050 MTP: Cost Feasible Plan

Active Transportation (Bicycle and Pedestrian) Projects



8 Active Transportation Projects

Estimated funding = **\$44.7 Million**

Includes annual funding for Safe Routes to School projects and new facilities and extensions of existing infrastructure: Little Econ Trail Ph3, West Orange Trail 4A, Orlando Urban Trail, and Lake Monroe Loop Trail

Note: Full list of Active Transportation Cost Feasible Projects and Unfunded Needs is shown in Table 19-10 of the draft 2050 MTP.



2050 MTP: Cost Feasible Plan

Transit Planning, Capital, Operations and Maintenance

Estimated funding = **\$13.3 Billion**

Includes :

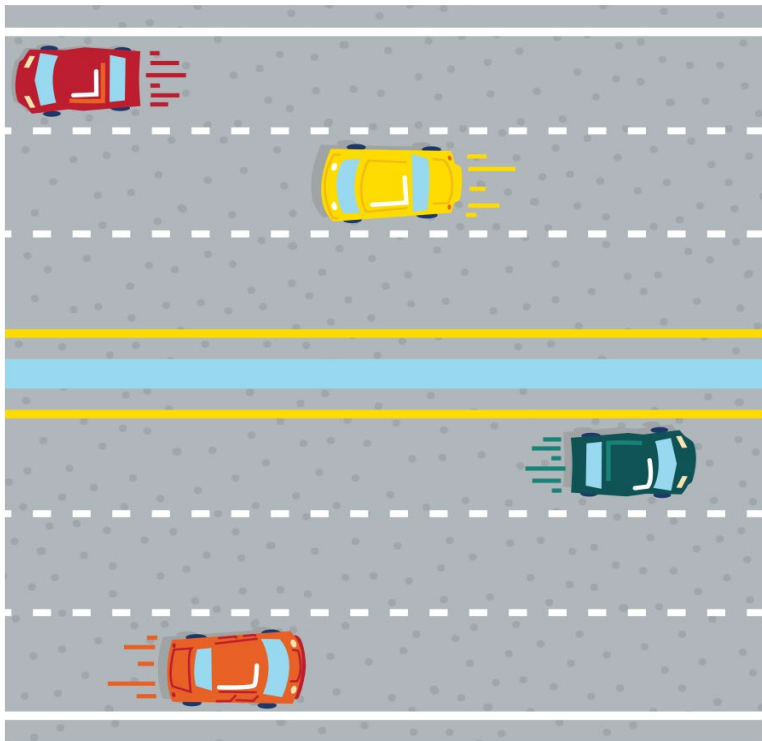
- MPO federal funding for eligible transit capital expenses (\$6.1M per year)
- Existing LYNX service and capital cost (estimated: \$9.5 Billion over 20 years)
- Existing SunRail service and capital costs (estimated: \$3.7 Billion over 20 year)

Note: Full list of Regional Transit Cost Feasible Projects and Unfunded Needs is shown in Table 19-12 of the draft 2050 MTP.



2050 MTP: Cost Feasible Plan

Toll Funded / Expressway Improvements



Estimated funding = **\$9.1 Billion**

Includes:

- Projects implemented, managed, and maintained by Florida's Turnpike Enterprise and the Central Florida Expressway Authority (CFX)

For More information about Toll Funded projects, visit:

- www.floridasturnpike.com
- www.cfxway.com

Note: Full list of Florida's Turnpike Enterprise Cost Feasible Projects and Unfunded Needs is shown in Table 19-6 of the draft 2050 MTP.

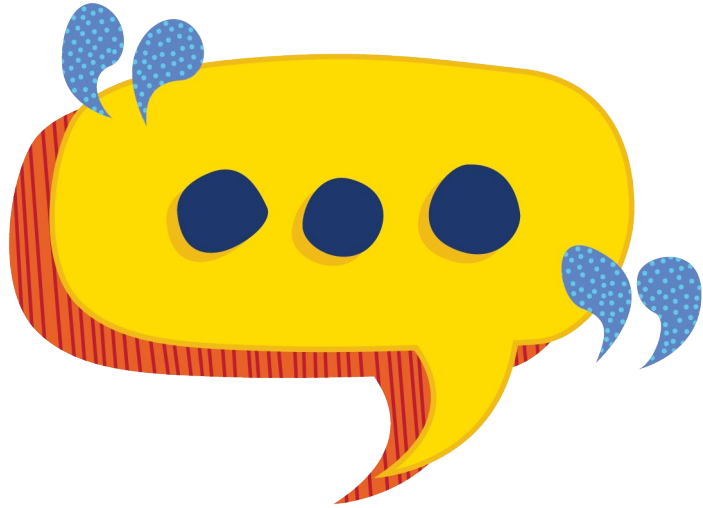


Planning Consistency

Additional Needs List Tables – Chapter 19 and Appendix Q

- Interstate Highway System and Strategic Intermodal System
- Aviation
- Orange County and Municipalities
- Osceola County and Municipalities
- Seminole County and Municipalities





Any questions so far?

- Use the “Raise your hand” button
- Type your questions into the “Q&A” box

Public & Agency Participation



Public & Agency Participation

Participation to Date

- Advisory Committees & Board Meetings
- MTP Technical Workshops
- Interdisciplinary Interviews
- Public Engagement Events



Incorporating Feedback

Core MTP Elements Shaped by Public and Partner Feedback

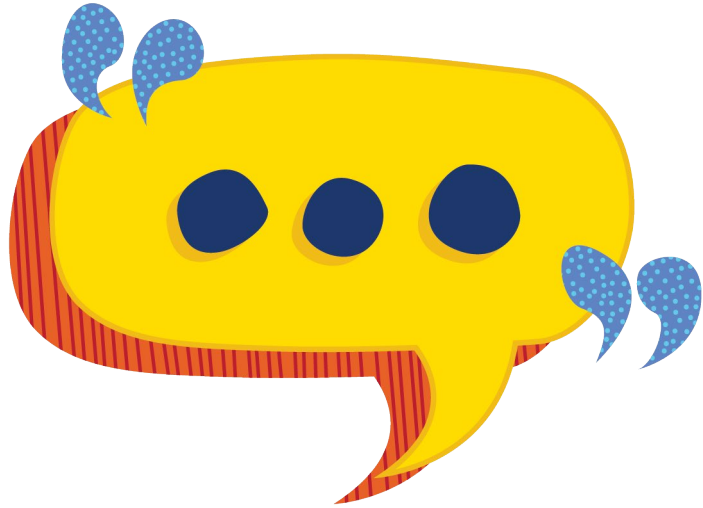
Public Feedback

- Selection of goals and objectives
- Identification of preferred project improvement types
- Prioritization methodology
- Funding policy

Technical Feedback

- All of the above
- Needs assessments
- Technical analysis for planning emphasis areas
- Cost feasible plan





Any questions?

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2050 MTP: Public Review Period

Taylor Laurent, PE, AICP
MetroPlan Orlando



MTP Public Meeting: Sept 29

- Orange County Multicultural Center
- About 20 Attendees
- Recorded Welcome
- 13 Stations
- Most Visited: 2050 Issues & Drivers of Change; Safety (Vision Zero); Transit; TSM&O



There Was a Lot to Talk About

- 5 Comments
- Topics Ranged from Safety to Multimodal Transportation
- Attendees Liked Meeting Format





Public Comment Opportunities

2050 Metropolitan Transportation Plan

In-person and virtually-accessible presentations and opportunities for public comment at upcoming Advisory Committee and Board Meetings:

- CAC (10/22/25)
- TAC (10/24/25)
- TSMO (10/24/25)
- MAC (11/6/25)
- Board (11/12/25)
- CAC (12/3/25)
- MAC (12/4/25)
- TAC (12/5/25)
- TSMO (12/5/25)
- Board (12/10/25)

Public Meeting at Orange County Multicultural Center

Date/Time: Monday, September 29, 2025, anytime 5pm to 7pm

Location: 7149 W Colonial Dr, Orlando, FL 32818

Online/Virtual Overview of 2050 MTP

www.MetroPlanOrlando.gov/2050

Other Methods to Submit a Public Comment

Email us: MTP@MetroPlanOrlando.gov

Send us Mail: MetroPlan Orlando, MTP Comments,
250 S. Orange Ave., Suite 200, Orlando, FL 32801

Leave us a Voicemail: (321) 430-0721

See <https://metroplanorlando.gov/calendar>
for event details and access information.

Any Questions?

- Use the “Raise your hand” button
- Type your questions into the “Q&A” box





	2024				2025			
	Jan - Mar	Apr - Jun	Jul - Sep	Oct - Dec	Jan - Mar	Apr - Jun	Jul - Sep	Oct - Dec
Goals, Objectives, Measures								
Trends, Conditions, Uncertainties								
Multimodal Needs Assessments								
Funding Scenarios								
Develop Cost Feasible Plan								
Seek Board Adoption								
Agency / Public Participation								

WE ARE HERE

Public Meeting

Must be adopted by Dec 2025

Public Meeting

Next Steps

September 29 – November 21

- Public Review of the Draft 2050 MTP

December 2025

- MetroPlan Orlando Board and Advisory Committees take action on the 2050 MTP



Implementation Process



Open Discussion

- Use the “Raise your hand” button
- Type your questions into the “Q&A” box



How to Make a Public Comment

Verbal Comments

Use “Raise Hand” feature (Or dial *9 if on the phone)

Written Comments

Type in the “Q&A” box

Email MTP@MetroPlanOrlando.gov

After you are recognized, state your name and organization/address and give your comment within two minutes.



Reminder

- 2050 MTP Report Chapters and draft Cost Feasible Plan are available online: www.MetroPlanOrlando.gov/2050
- If you have any questions, do not hesitate to reach out to: MTP@MetroPlanOrlando.gov or call 407.481.5672 x306





Thank you!

MetroPlanOrlando.gov/2050 | 407-481-5672

MTP@MetroPlanOrlando.gov

