MetroPlan Orlando 2050 Metropolitan Transportation Plan (MTP) Draft Needs Viewer

User Guide

May 2025

Disclaimer

All provided GIS data is to be considered a generalized spatial representation which is subject to revisions. The data is provided as is with no implied warranty for usability. The data used for this application were developed from various sources and scales. The map information is not a survey. This map is intended to be used for planning purposes only and is not to be construed as a legal document. MetroPlan Orlando provides no warranty as to the map's accuracy or completeness, and assumes no liability for losses or damages incurred by persons relying on the information it provides. Any reliance on the information contained herein is at the user's own risk. The features here represented are not to be used to establish legal boundaries or entitlements. For specific information, contact the appropriate department or agency. The user assumes all responsibility for determining whether this file is appropriate for a particular purpose.

This user guide has been developed to assist with navigating the 2050 Metropolitan Transportation Plan (MTP) Draft Needs Viewer. If you have questions about the 2050 MTP Draft Needs Viewer, please contact us by email at Info@MetroPlanOrlando.gov or call us at (407) 481-5672. Likewise, if you are unable to access any part of this document, please notify us at Info@MetroPlanOrlando.gov so we can assist with a solution.

Background & Definitions

This interactive web-based map provides users a tool to view the currently identified SHS (On-system) and Off-system multimodal transportation needs for the region. These projects are a compilation of the multimodal travel needs which have been identified throughout Orange, Osceola, and Seminole Counties, and have been developed through a detailed planning process with feedback from local transportation partners.

The projects included in this dashboard are organized into Needs Lists, so that we can more easily locate the same types of projects and understand their funding eligibility. The projects that are eligible for MPO Funding are included on the following needs lists:

- <u>Active Transportation</u>: Includes projects pertaining to local and regional trails, on-street bicycle lanes, side paths, sidewalk improvements, and other related items.

- <u>Complete Streets</u>: Projects can include non-capacity multimodal context-sensitive improvements that use a combination of bicycle and pedestrian, transit, and intersection solutions to improve traffic flow on constrained roadways without adding lanes.

- <u>Critical Sidewalk Bundles</u>: Includes a specific sub-set of sidewalk improvement projects to fill gaps in the sidewalk network.

- <u>School Mobility Program</u>: Includes a specific sub-set of sidewalk projects near schools.

- <u>Safety</u>: Includes projects identified in the Safety Action Plan, which are proposed to enhance safety with engineering countermeasures, including dedicated funding for priority projects on the High Injury Network (see VisionZeroCFL.gov for additional information about the high injury network)

- <u>Transit Capital</u>: Includes capital expenses for bus or rail, including vehicles, facilities, passenger amenities, transit stop and shelter enhancements, support equipment, technology, and safety and security.

- <u>TSMO / ITS</u>: Includes projects pertaining to incident management, transportation demand management, signal retiming, and other related items.

Background & Definitions

The other needs lists are included for Planning Consistency, and are anticipated to be funded using other funding sources:

- Interstates: Includes projects located on the National Highway System (NHS) or the Florida Strategic Intermodal System (SIS) for planning consistency

- Toll CFX: Includes projects located on the Central Florida Expressway toll facilities for planning consistency

- Toll FTE: Includes projects located on the Florida Turnpike Enterprise toll facilities for planning consistency

- State Highway System: Includes projects located on the Florida State Highway System (SHS) for planning consistency

- Orange County & Municipalities: Includes projects located within Orange County and its many municipalities for planning consistency

- Osceola County & Municipalities: Includes projects located within Osceola County and its many municipalities for planning consistency

- Seminole County & Municipalities: Includes projects located within Seminole County and its many municipalities for planning consistency

General Tool Tips

To navigate this interactive tool, the search widget (located at the top left of the screen) allows users to search through the full list of needs by project information (Roadway System, Needs List & Type, Jurisdiction, etc.), and allows you to zoom to the specific need(s). The "Needs Project Details" window provides detailed project information to users. The "arrow" on the top right of the map allows users to reset the map view, show the legend, turn on/off layers for viewing, and change the basemap. Clicking the circular "reset" button in the bottom right corner of the Viewer will reset the display, filters, and other selection to the original startup settings.

- Dashboard elements are interconnected, meaning that selections made by the user are displayed live in all elements
- Please allow a few seconds of time for the tool to load between clicks
- System display settings:
  - Set scale to 100% (recommended). Do not exceed 150%
  - Use recommended display resolution for your computer/device
- Bookmark the tool URL in your web browser for easy access

Hyperlink to Dashboard: 2050 MTP Draft Needs Viewer

Tool Elements Overview

Projects Filters

MetroPlan Orlando 2050 MTP Needs

Roadway System	Needs List	Needs Type	County	Jurisdiction	Maintaining Agency
Select System	Select List	Select Type	Select County	Select Jurisdiction	Select Agency

Needs Projects - Road

Project List

🔍 Search...

Facility: US 192
— MTP 2050 ID: 20,085
County: Osceola

Facility: US 192
— MTP 2050 ID: 20,435
County: Osceola

Facility: US 192
— MTP 2050 ID: 20,084
County: Osceola

Facility: US 441 / Orange Blossom Trl
— MTP 2050 ID: 20,046
County: Orange

Facility: US 441 / Orange Blossom Trl
— MTP 2050 ID: 20,433
County: Orange

Facility: Pine Hills Rd
— MTP 2050 ID: 45,119
County: Orange

Facility: US 192 / Vine St
— MTP 2050 ID: 20,082
County: Osceola

Facility: US 441 / Orange Blossom Trl
— MTP 2050 ID: 20,057
County: Orange / Osceola

Facility: US 441 / Orange Blossom Trl
— MTP 2050 ID: 20,067
County: Orange

Facility: US 441
— MTP 2050 ID: 45,210
County: Orange

◄ 1 of 2038 ►

Needs Projects Details - Road

Project Details

MTP ID 2050	20,085
FEDERAL AID ELIGIBLE	Yes
SYSTEM	SHS (On-System)
NEEDS LIST	State Highway System
NEEDS TYPE	Geometric Improvements
ROAD NAME	US 192
PROJECT FROM	US 17/92 / John Young Pkwy
PROJECT TO	-
PROJECT LIMITS	US 192 at US 17/92 / John Young Pkwy
PROJECT DESCRIPTION	Evaluate intersection modifications including but not limited to tighter curb radii, adding pedestrian refuge islands, updated curb ramps, etc. in conjunction with signalization strategies at the intersection of US 192 at John Young Parkway.
PROJECT LENGTH	0.250
MAINTAINING AGENCY	FDOT
JURISDICTION	Kissimmee
COUNTY	Osceola
JURISDICTIONAL PRIORITY	High
PRIORITY METHOD TYPE	SHS
PRIORITY SCORE RAW	88.333
GOOGLE MAPS	View

Needs Projects Map - Road — **Projects Map**

Map Legend - Road — **Map Legend**

MTP 2050 Road Needs (Type)
— Interstates
— State Highway System
— Toll FTE
— Toll CFX
— Complete Streets
— Active Transportation
— TSMO / ITS
— Safety / Vision Zero
— Local - Orange
— Local - Osceola
— Local - Seminole
— Other

Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS
Powered by Esri

0   10 mi

| Road | Transit | | Road | Transit | | Road | Transit | | Road | Transit |

Project Category

Tool Functionality Overview

Search for projects

Scroll through projects

Filter needs projects by characteristics

Expand map to full screen

Switch between project categories

Explore needs projects in map

Tool reset

How to Filter Projects

Filter needs projects by characteristics

MetroPlan Orlando 2050 MTP Needs	Roadway System Select System	Needs List Select List	Needs Type Select Type	County Select County	Jurisdiction Select Jurisdiction	Maintaining Agency Select Agency
	☐ Off-System	☐ Active Transportation	🔍 Search...	🔍 Search...	🔍 Search...	🔍 Search...
	☑ SHS (On-System)	☑ Complete Streets	☐ Access Management	☐ Orange	☐ Altamonte Springs	☐ Altamonte Springs
	Reset Select all	☐ Critical Sidewalk Bundles	☐ Advanced ITS	☐ Orange / Osceola	☐ Altamonte Springs / Apopka / Casselberry / Orange County / Orlando / Seminole County	☐ Altamonte Springs / Maitland
		☐ Interstates	☐ Bridge Widening/Replacement	☐ Orange / Osceola / Seminole		☐ Altamonte Springs / Private
		☐ Local - Orange	☐ Capacity & Safety	☐ Orange / Seminole	☐ Altamonte Springs / Eatonville / Maitland / Orange County / Orlando / Seminole County	☐ Apopka
		☐ Local - Osceola	☐ Communication	☐ Osceola		☐ Apopka / Orange County
		Reset Select all	☐ CS (Reconstruction + Median)	☐ Osceola / Orange	☐ Altamonte Springs / Longwood / Sanford / Seminole County	☐ Belle Isle
			Reset Select all	Reset Select all	Reset Select all	Reset Select all

- Use filters to select Needs Projects by
  - Roadway System
  - Needs List or Type
  - County, Jurisdiction or Maintaining Agency

- Filters allow single or multi-selection

- Filters can be used individually or in any desired combination

- Map Display, Project List and Details will update dynamically depicting only projects that meet the filtering criteria

- Click **Reset** button to clear a selection within a single filter or click Tool Rest ↺ button to clear everything and go back to the startup screen
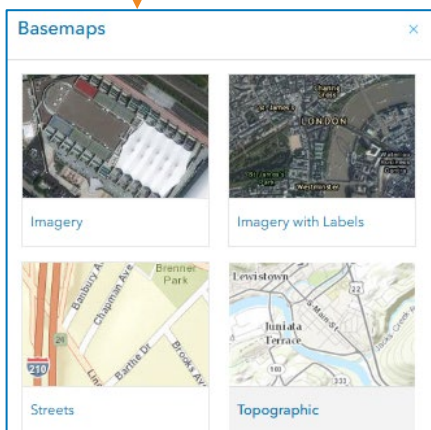
How to Navigate Interactive Map

- Enlarge the map to full screening clicking the Expand [⊡] button in the upper right of the map

- Zoom in/out using the mouse wheel or the navigation buttons at the lower right of the map [+][−]

- Click on a project to bring up project details pop-up dialog box ────────────────→

- Click on More Tools [⌄] in upper right and then Expand [«] to get additional functionality

  - 🏠 Initial view
  - ⬙ Layers
  - ⊞ Basemaps

- Click on Initial View [🏠 Initial view] to zoom back to full initial map extent

- Click on Basemaps [⊞ Basemaps] to change map background (e.g., from topo base to aerial base)

Basemaps ×
- Imagery
- Imagery with Labels
- Streets
- Topographic

Example Projects Pop-Up

MTP ID 2050	45,077
FEDERAL AID ELIGIBLE	Yes
SYSTEM	Off-System
NEEDS LIST	Safety
NEEDS TYPE	CS (Trail + Resurfacing + Ped Crossing)
ROAD NAME	University Blvd
PROJECT FROM	SR 436 / Semoran Blvd
PROJECT TO	Lake Mirage Blvd
PROJECT LIMITS	University Blvd from SR 436 / Semoran Blvd to Lake Mirage Blvd
PROJECT DESCRIPTION	Incorporate bicycle improvements, including LPIs. Co-locate transit stops with enhanced marked crossings. Consider widening the sidewalk on one side to 10 feet, eliminate channelized right-turns, and install retroreflective backplates where applicable.
PROJECT LENGTH	1.500
MAINTAINING AGENCY	Orange County
JURISDICTION	Orange County
COUNTY	Orange
JURISDICTIONAL PRIORITY	High
PRIORITY METHOD TYPE	Safety / Vision Zero
PRIORITY SCORE RAW	75.417
GOOGLE MAPS	View

Map Layers

- Click on Layers [Layers] to open list of available map layers

- By default, only the MTP 2050 Road Needs layer color-coded by Needs Type is turned on

- Toggle layers on/off as desired using the Visibility [👁] buttons

- Other available layers are:

  - MTP 2050 Road Needs color-code by raw prioritization score

    - MTP 2050 raw project prioritization results

  - 2045 Evaluation Network color-coded by weighted score

    - MTP 2045 composite weighted project prioritization (weighted by goal area)

  - 2050 Evaluation Network color-coded by weighted score

    - MTP 2050 composite weighted project prioritization results (weighted by goal area)

  - State Highway System

    - Florida Department of Transportation (FDOT) roadways

    - Florida Turnpike Enterprise (FTE) roadways

    - Central Florida Expressway (CFX) roadways

  - Federal Aid Highway System

    - Roadways identified in the Federal Aid Highway System

  - City Limits

- Layers can be viewed individually, or multiple layers can be turned on at the same time

Layers

MTP 2050 Road Needs (Type)
MTP 2050 Road Needs (Raw Score)
Network Evaluation 2045 - Weighted
Network Evaluation 2050 - Weighted
State Highway System
Federal Aid Highway System
City Limits
County Boundaries
Mask
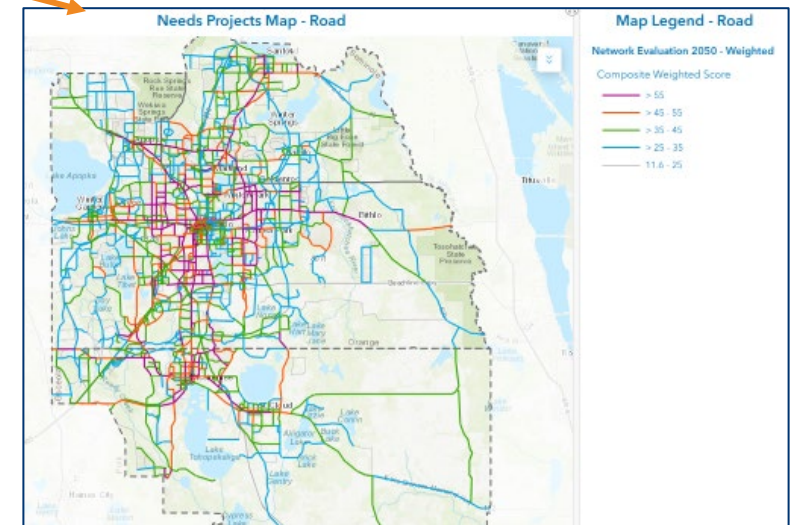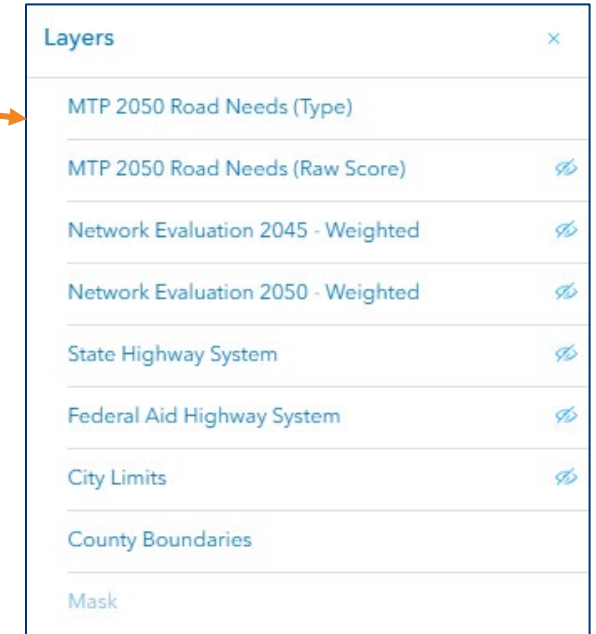
Example: Select Active Transportation Projects in Osceola County

1 . Set Needs List Filter to "Active Transportation"

2. Set County Filter to "Osceola"

Example: Select Active Transportation Projects in Osceola County

3. Scroll through project selection

4. Open Layers List and turn on 2050 Road Needs (Raw Score)

Example: Select Active Transportation Projects in Osceola County

5. View selected projects by raw score

MetroPlan Orlando 2050 MTP Needs	
Roadway System Select System	
Needs List Active Transportation	
Needs Type Select Type	
County Osceola	
Jurisdiction Select Jurisdiction	
Maintaining Agency Select Agency	

Needs Projects - Road

Search...

Facility: Osceola Pkwy
MTP 2050 ID: 50,023
County: Osceola

Facility: Kissimmee Downtown Path Connector
MTP 2050 ID: 50,045
County: Osceola

Facility: Canoe Creek Rd
MTP 2050 ID: 50,019
County: Osceola

Facility: Kissimmee Trail and Central Ave Trail
MTP 2050 ID: 50,029
County: Osceola

Facility: Bill Beck Trail
MTP 2050 ID: 50,034
County: Osceola

Facility: Canoe Creek Rd
MTP 2050 ID: 50,035
County: Osceola

Facility: Canoe Creek Rd
MTP 2050 ID: 50,018
County: Osceola

Facility: Kissimmee St Cloud Connector
MTP 2050 ID: 50,102
County: Osceola

Facility: SunTrail segment along Neptune Rd
MTP 2050 ID: 50,030
County: Osceola

Facility: Toho Valencia Bridge
MTP 2050 ID: 50,099
County: Osceola

Facility: Carroll St
MTP 2050 ID: 50,100

1 of 22

Needs Projects Details - Road

MTP ID 2050	50,023
FEDERAL AID ELIGIBLE	Yes
SYSTEM	Off-System
NEEDS LIST	Active Transportation
NEEDS TYPE	New Shared Use Trail – 12'
ROAD NAME	Osceola Pkwy
PROJECT FROM	Dyer Blvd
PROJECT TO	SR 91 / Florida's Turnpike
PROJECT LIMITS	Osceola Pkwy from Dyer Blvd to SR 91 / Florida's Turnpike
PROJECT DESCRIPTION	Evaluate potential to provide a side path on at least one side of the street; evaluate potential to increase width of sidewalk on bridge structures. Evaluate bus stop locations in the context of marked and controlled crossing locations and provide connections from the sidewalk to the curb.
PROJECT LENGTH	3.249
MAINTAINING AGENCY	Osceola County
JURISDICTION	Kissimmee / Osceola County
COUNTY	Osceola
JURISDICTIONAL PRIORITY	Medium
PRIORITY METHOD TYPE	Active Transportation
PRIORITY SCORE RAW	69.583
GOOGLE MAPS	View

Needs Projects Map - Road

MTP ID 2050	50,102
FEDERAL AID ELIGIBLE	No
SYSTEM	Off-System
NEEDS LIST	Active Transportation
NEEDS TYPE	New Shared Use Trail – 12'
ROAD NAME	Kissimmee St Cloud Connector
PROJECT FROM	Neptune Rd
PROJECT TO	Lakeshore Blvd
PROJECT LIMITS	Kissimmee St Cloud Connector from Neptune Rd to Lakeshore Blvd
PROJECT DESCRIPTION	A shared use path along the C-31 canal connecting the Lakefront Park trail to Neptune Road.
PROJECT LENGTH	2.158
MAINTAINING AGENCY	St. Cloud
JURISDICTION	Osceola County / St. Cloud
COUNTY	Osceola
JURISDICTIONAL PRIORITY	Medium
PRIORITY METHOD TYPE	Active Transportation
PRIORITY SCORE RAW	51.250

Map Legend - Road

MTP 2050 Road Needs (Raw Score)

PRIORITY SCORE RAW

—	> 55
—	> 45 - 55
—	> 35 - 45
—	> 25 - 35
—	0 - 25

Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS

Powered by Esri

6. Get project details by clicking on a segment

Road | Transit   Road | Transit   Road | Transit   Road | Transit

7. Clear selection to go back to Start Menu