



# 2020 Urban Boundary and Functional Classification

July 18, 2024





# Functional Classification

## Overview

- Functional Classification (Funclass) is a method to describe the usage of roadways within the immediate area, regionally for some roadways and statewide for others.
- Federal Highway Administration requires roadways to be functionally classified as part of the mechanism to fund roadway improvements and perform analysis of the network of roadways.



July 1, 2024





# Functional Classification

## Overview

- Federal-aid Eligibility is determined by Functional Classification which includes roadways higher than Local or Rural Minor Collector.
- Surface Transportation Block Grant (STBG) funds are used on Federal-aid roadways.
- Federal Highway-Emergency Relief (FHWA-ER) are used after a disaster declaration (e.g., hurricane, floods, tornados,...)



July 1, 2024







# Functional Classification

## Roles

- FDOT performs initial review and determination of Funclass.
- City and County agencies review Funclass within and adjacent to their boundaries providing concurrence or recommendations for Funclass of roadways.
- MPO/TPO/TPA approve the Funclass by signing the official maps.
- FDOT & FHWA approve the Funclass by signing the official maps.



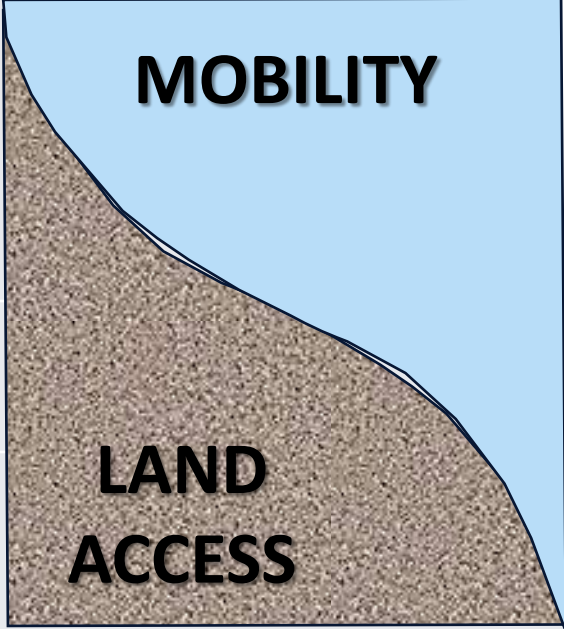
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# Functional Classification

## Correlation of Mobility, Land Access, and Functional Classification

Proportion of Services	Functional Classification	Generally
	<p><b>Principal Arterials</b></p>	<p>Primarily, freeways and interstates, help move people and goods longer distances and connect to other communities.</p>
	<p><b>Minor Arterials Collectors</b></p>	<p>These facilities movement within the vicinity.</p>
	<p><b>Locals</b></p>	<p>Local roads are lower in mobility and have direct access to properties.</p>

Source: FHWA Functional Classification Guidelines – Early Edition

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# Functional Classification

## Roadway Attribute Generalities – Information used to analyze Functional Class

Functional Class	Access Points	Speed Limit	AADT	Lanes	Length
Principal Art	Few	Highest	Highest	Most	Longest
Minor Art	Few	High	High	Medium	Medium
Major Collector	Medium	Medium	Medium	Medium	Medium
Minor Collector	Medium	Low	Low	Low	Short
Local	Many	Lowest	Lowest	Few	Shortest

Data Source: FDOT FCUAB Handbook

April 16, 2024





# Functional Classification

## The Functional Classification Process

1. Align Functional Classification with 2024 Smoothed Urban Area Boundaries
2. Determine Changes to Functional Classification based on Roadway Purpose
3. Review "Local Roads" and determine additions to Federal-aid System – Surface Transportation Block Grant (STBG)

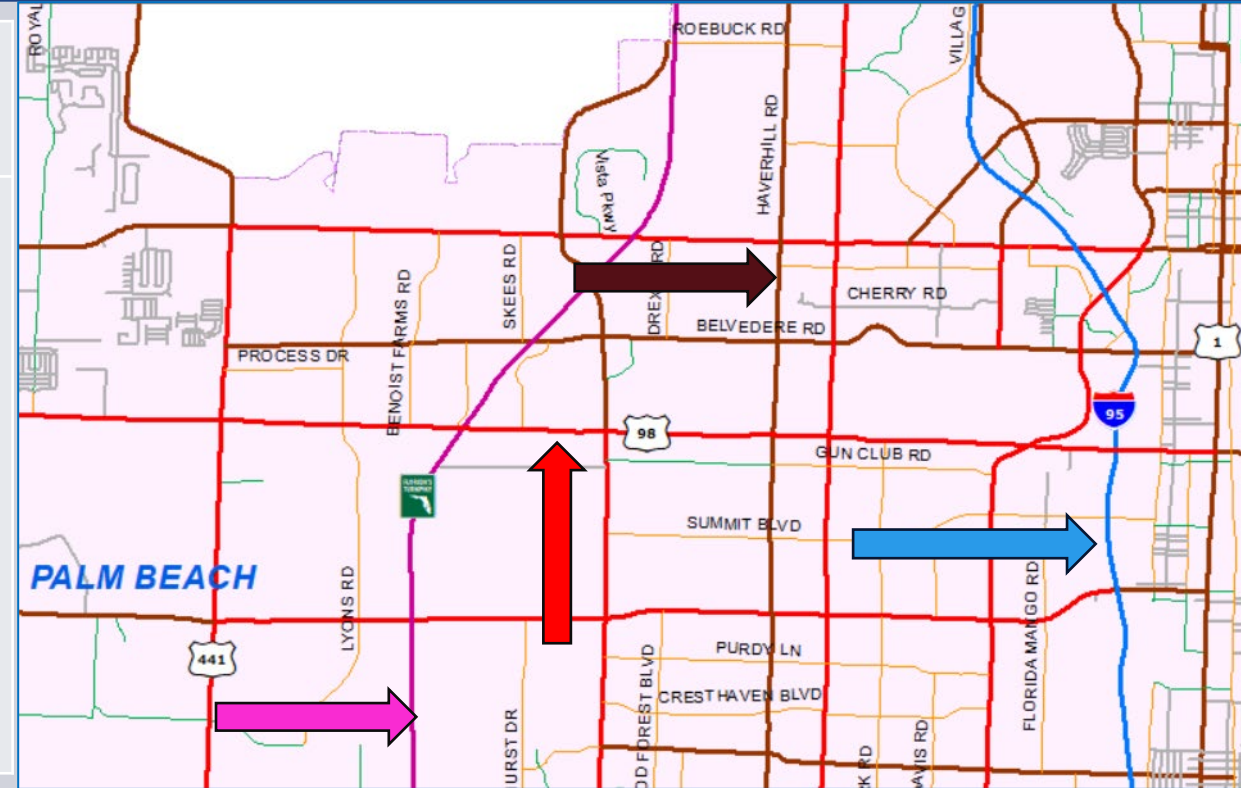




# Functional Classification – Major Roadways

## 2. Roadway Purposes that Influence the Functional Class

Functional Class	Required # of Roadway Purposes	Roadway Purpose
Principal Arterial (Blue, Red, Pink)	2+	<ol style="list-style-type: none"> <li>Travel to and through UAB</li> <li>Travel to and through small UA</li> <li>National defense</li> <li>Interstate and regional commerce</li> </ol>
Minor Arterial (Brown)	1	<ol style="list-style-type: none"> <li>Access to airports, seaports, and major rail terminals, or intermodal transfer facilities</li> <li>Access to major public facilities</li> <li>Access to minor public facilities</li> </ol>



Data Source: FDOT FCUAB Handbook

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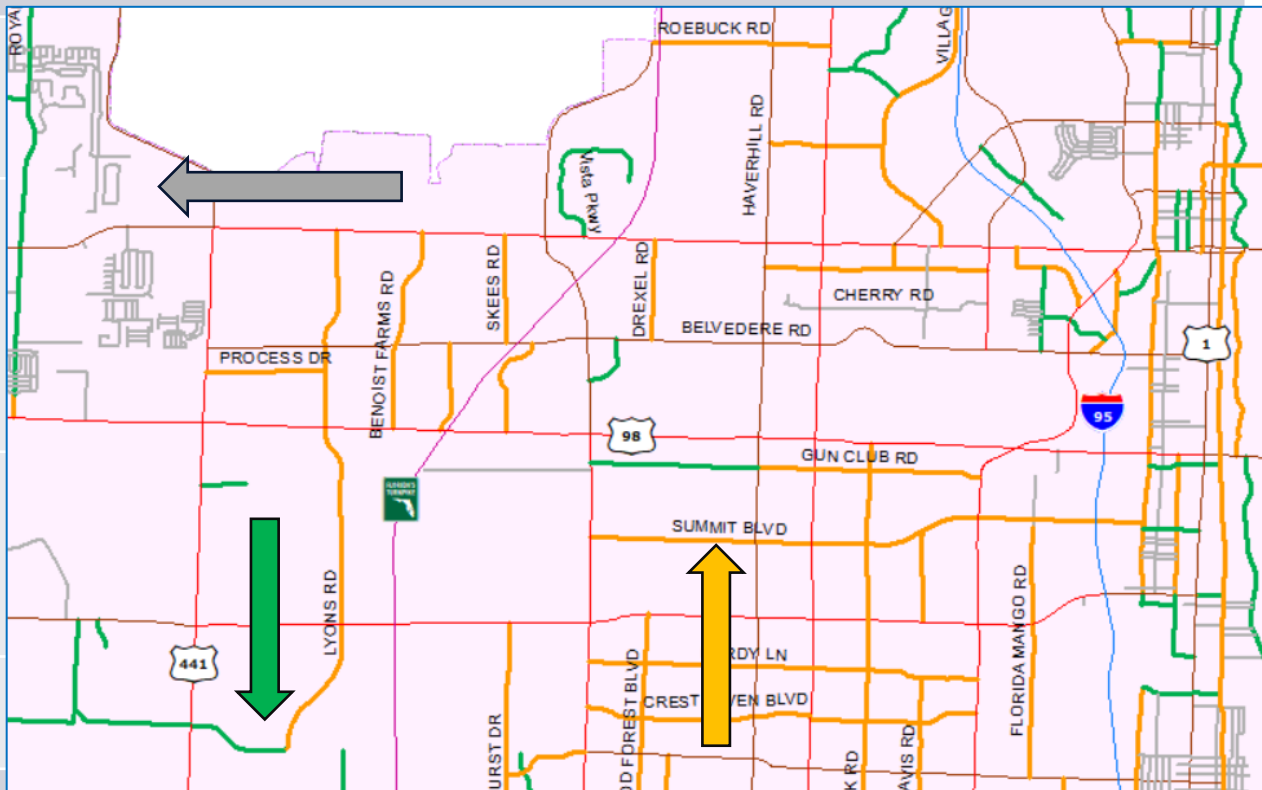




# Functional Classification – Minor Roadways

## 2. Roadway Purposes that Influence the Functional Class

Functional Class	Required # of Roadway Purposes	Roadway Purpose
Major Collector (Orange)	1+	<ol style="list-style-type: none"> <li>Interconnect of major thoroughfares</li> <li>Interconnect of minor thoroughfares</li> <li>Access to concentrated property use areas</li> </ol>
Minor Collector (Green)	1	<ol style="list-style-type: none"> <li>Access to rural diffused property &amp; lower density Urban residential and commercial/ industrial areas.</li> </ol>
Local (Gray)	1	<ol style="list-style-type: none"> <li>Local roads</li> </ol>



Data Source: FDOT FCUAB Handbook

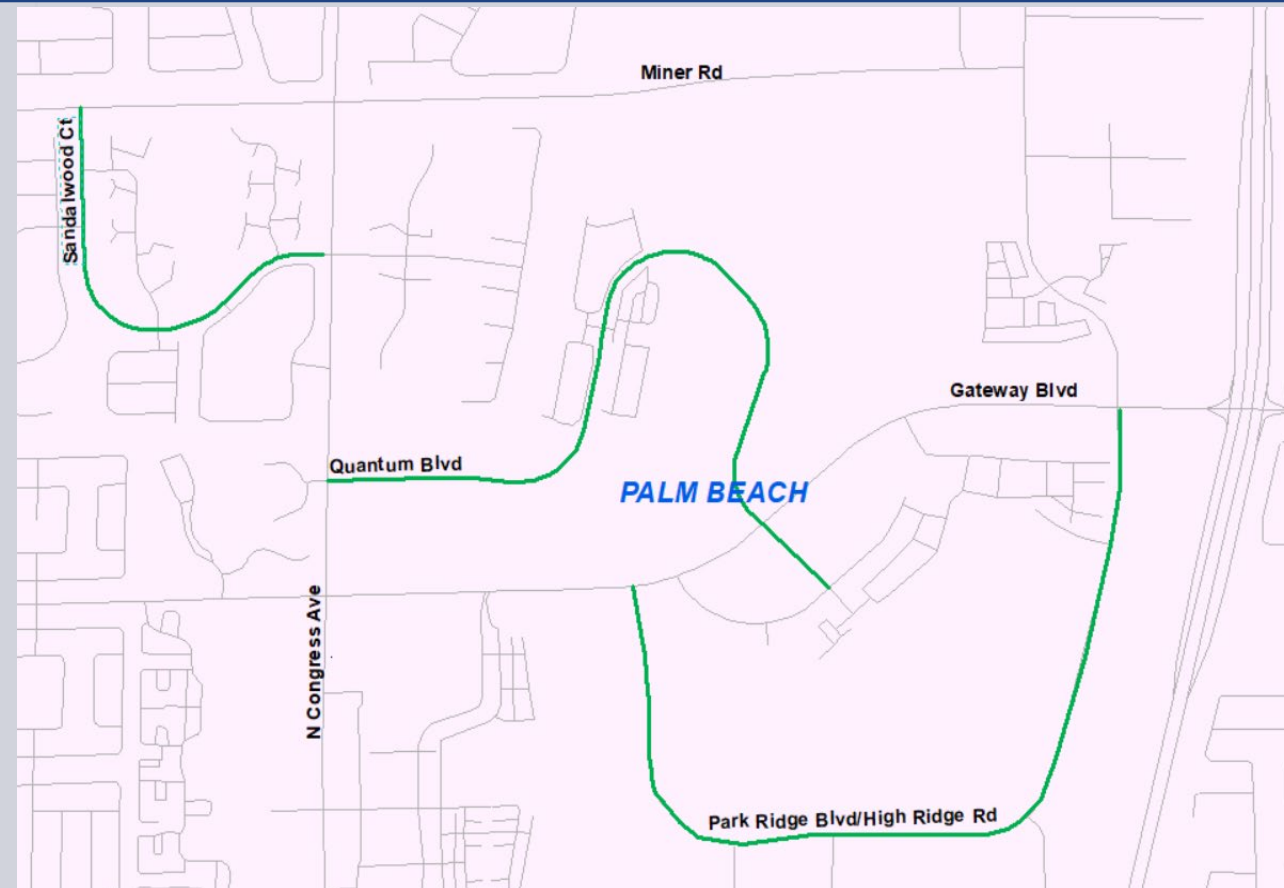
July 1, 2024



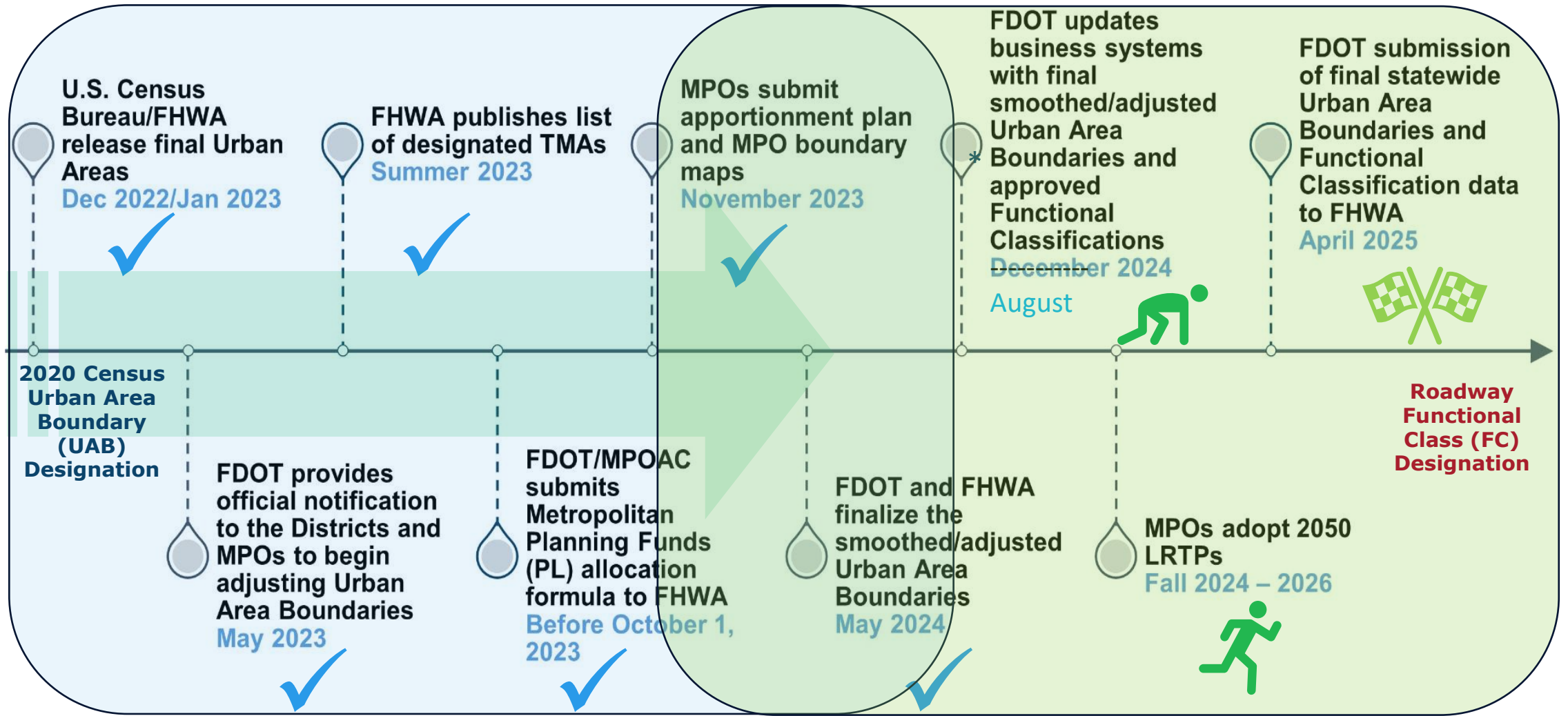


### 3. Review Local Roadways & Determine Additions

These additions are typically Minor Collectors that provide access primarily to neighborhoods with little to no driveway connections.



# Timeline



\* FHWA will consider all urban area boundaries final as of April 15, 2025 and will use the original 2020 Census boundaries for all urban areas that have not been adjusted.





# Functional Classification

## Pending Activities

- Coordination with Districts 1, 5 and 6 for crossover roadways
  - Obtain agreement on FC continuity between districts
- Coordination with Counties and Municipalities
  - Obtain Comments for adjustments or acceptance as presented
  - Schedule meetings to discuss comments
  - Implement appropriate adjustments and obtain acceptance







# Functional Classification

## Pending Activities

- Prepare & submit maps to TDA/FHWA for Pre-Approval
  - Adjust as appropriate
- Submit maps to TPA for Signatures
- Submit maps to TDA/FHWA for Signatures
- Update Roadway Characteristics Inventory (RCI) System





# Questions?

