

Functional Classification System

Call for Changes

Functional Classification

What is it?

- Process by which streets and highways are grouped into classes, or systems according to the character of traffic service that they are intended to provide
- Defines the role that a particular roadway segment plays in serving this flow of traffic through the network
- Carries expectations about roadway design, including its speed, capacity and relationship to existing and future land use development

How is it used?



To determine which roads, streets and highways are eligible for federal transportation funds



To establish design criteria for various roadway features



Serves as a management tool to measure a route's importance in project selection and program management

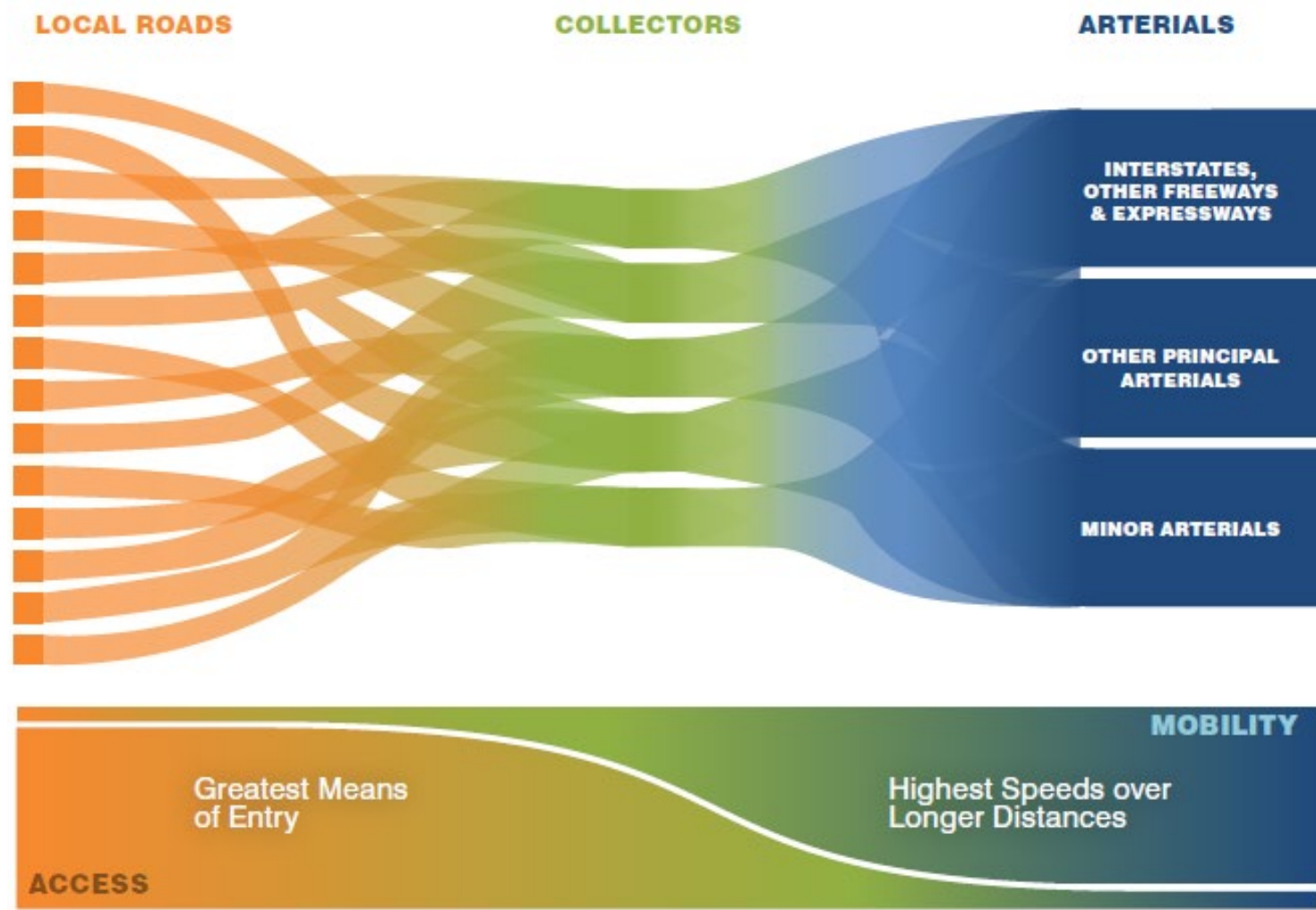
Concepts

Access

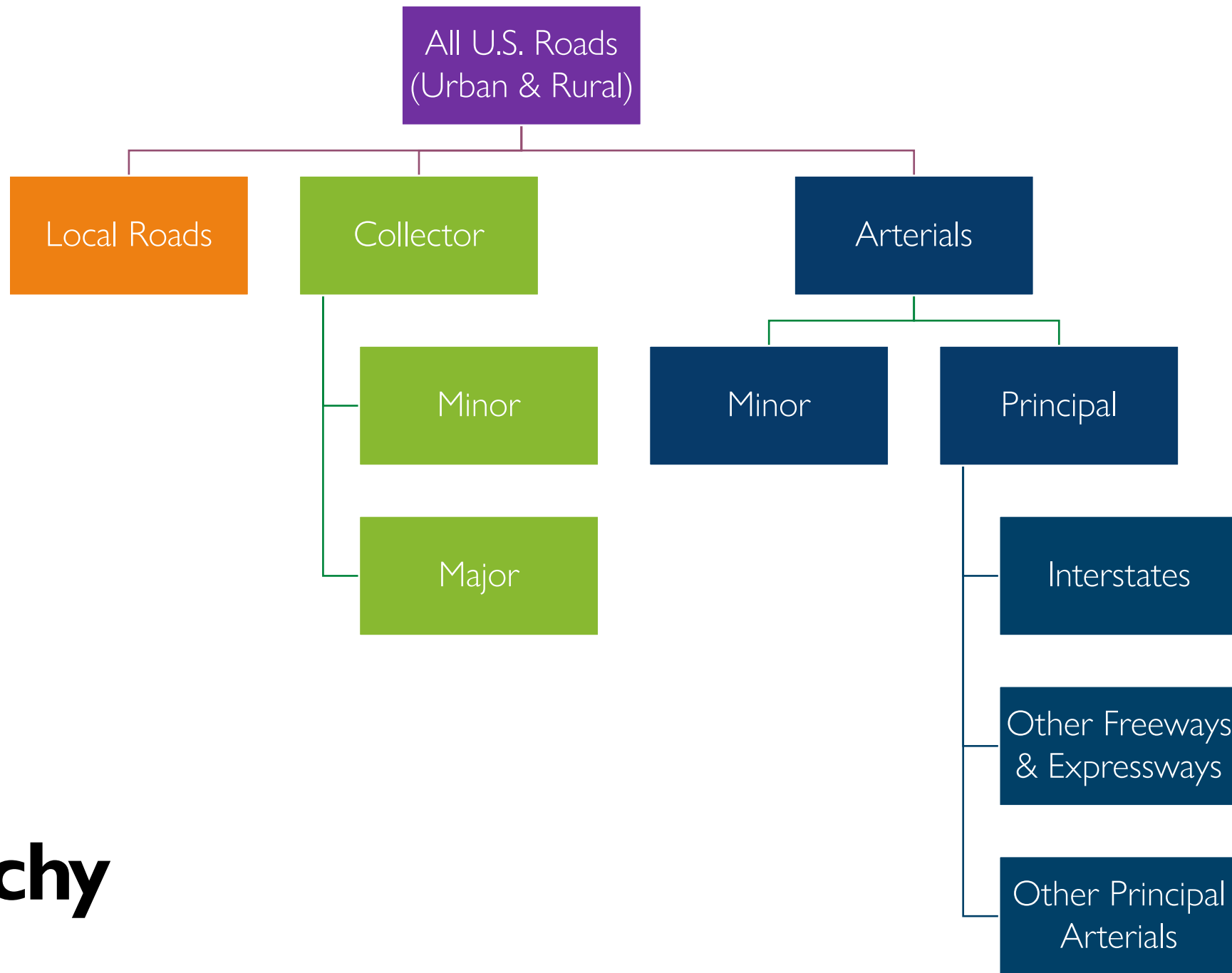
- Provides many opportunities for entry and exit, which creates potentially higher friction from vehicle access/egress

Mobility

- Provides few opportunities for entry and exit and therefore low travel friction from vehicle access/egress



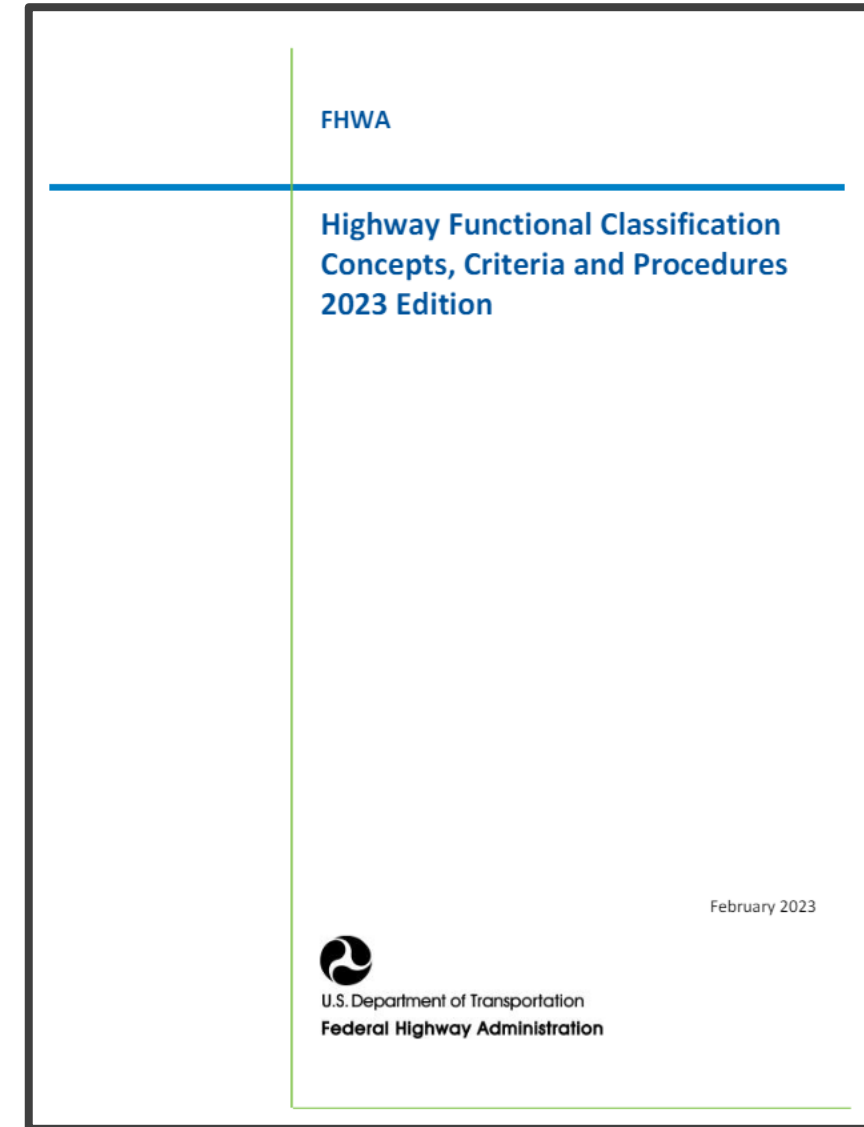
Source: FHWA



Hierarchy

Maintaining the System

- FHWA recommends that States **maintain and update** their **functional classification system continually** as the roadway system and land use developments change.
 - These roadway changes can include newly constructed, re-aligned, extended, widened, or reconfigured roadways.
- As the MPO for the Kansas City Region, **MARC is responsible for developing and maintaining changes of the Functional Classification System** of roadways within its planning boundaries



General Rules of Thumb

- Roadways that connect to Principal Arterials are most likely other Principal Arterials, Minor Arterials or Collectors.
- Avoid assigning same classification to parallel routes.
- The more intense the development, the closer the spacing of roadways within the same functional classification category.
- In rural areas, the spacing of functional classification categories is often not a helpful criterion in determining functional classification.
- For the most part, a single connection between two generators is all that is required. There are some exceptions.
- Support system continuity by ensuring each route terminates at a route of the same or higher functional classification.

MARC's Call for Changes Process

