

SHALLOTTE

Collector Street Plan

Planning Board
August 12, 2025



Agenda

- Process overview
- Plan recommendations
- Ongoing and next steps

Collector Street Plan Context and Goals

Today's Problem

- Limited roadway connectivity beyond major arterials (like US 17)
- History of one-way-in/one-way-out development
- Forcing traffic on relatively few major roads

CSP Goals

- Find ways to decrease dependence on major roads for short trips
- Create safe routes for bicyclists and pedestrians
- Leverage collector streets to improve safety and efficiency of roadway network

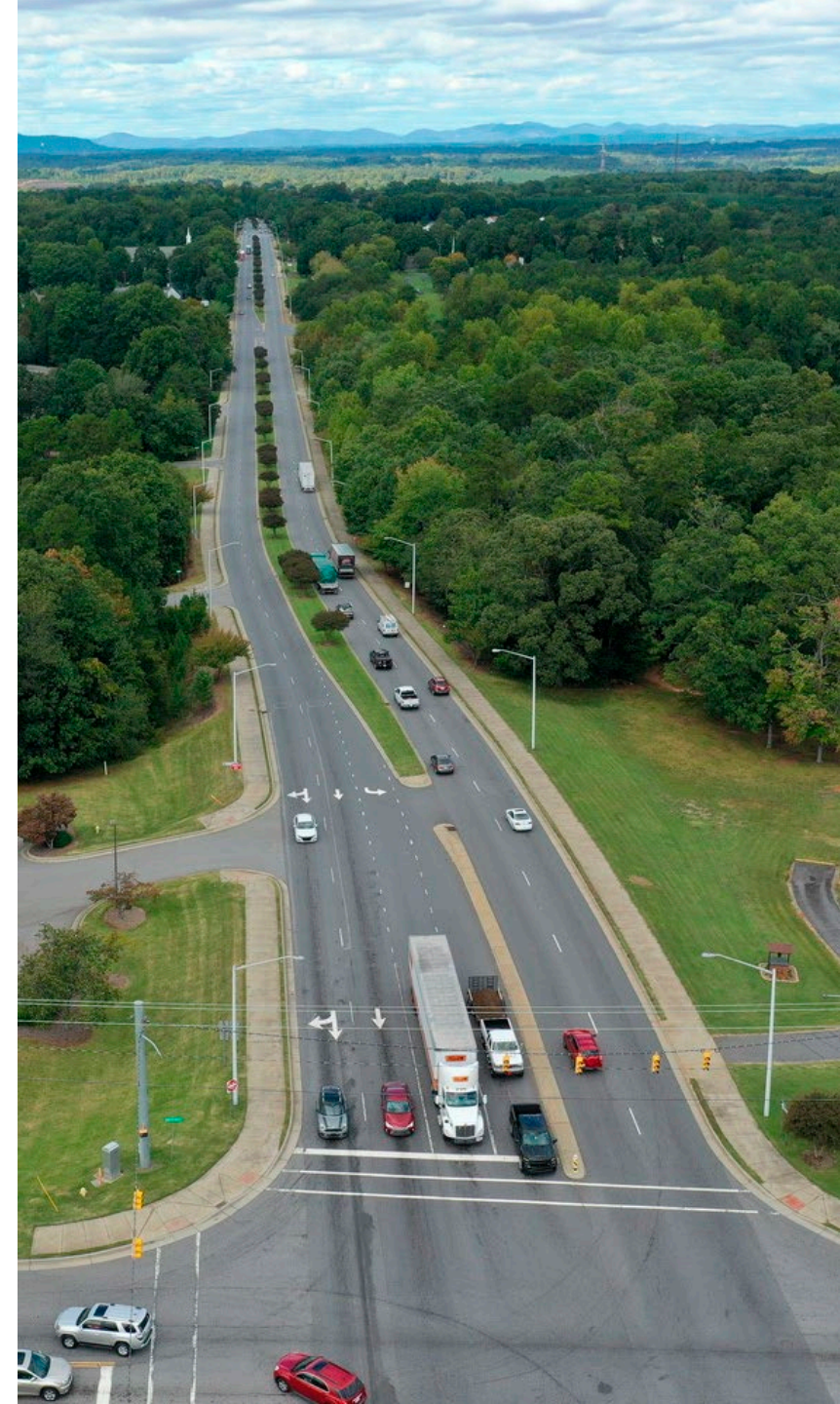
Functional Classification

Arterial

- Highest speed, highest traffic volume roadway
- Serve long-distance travel
- Often multiple lanes in each direction
- US 17

Collector

Local



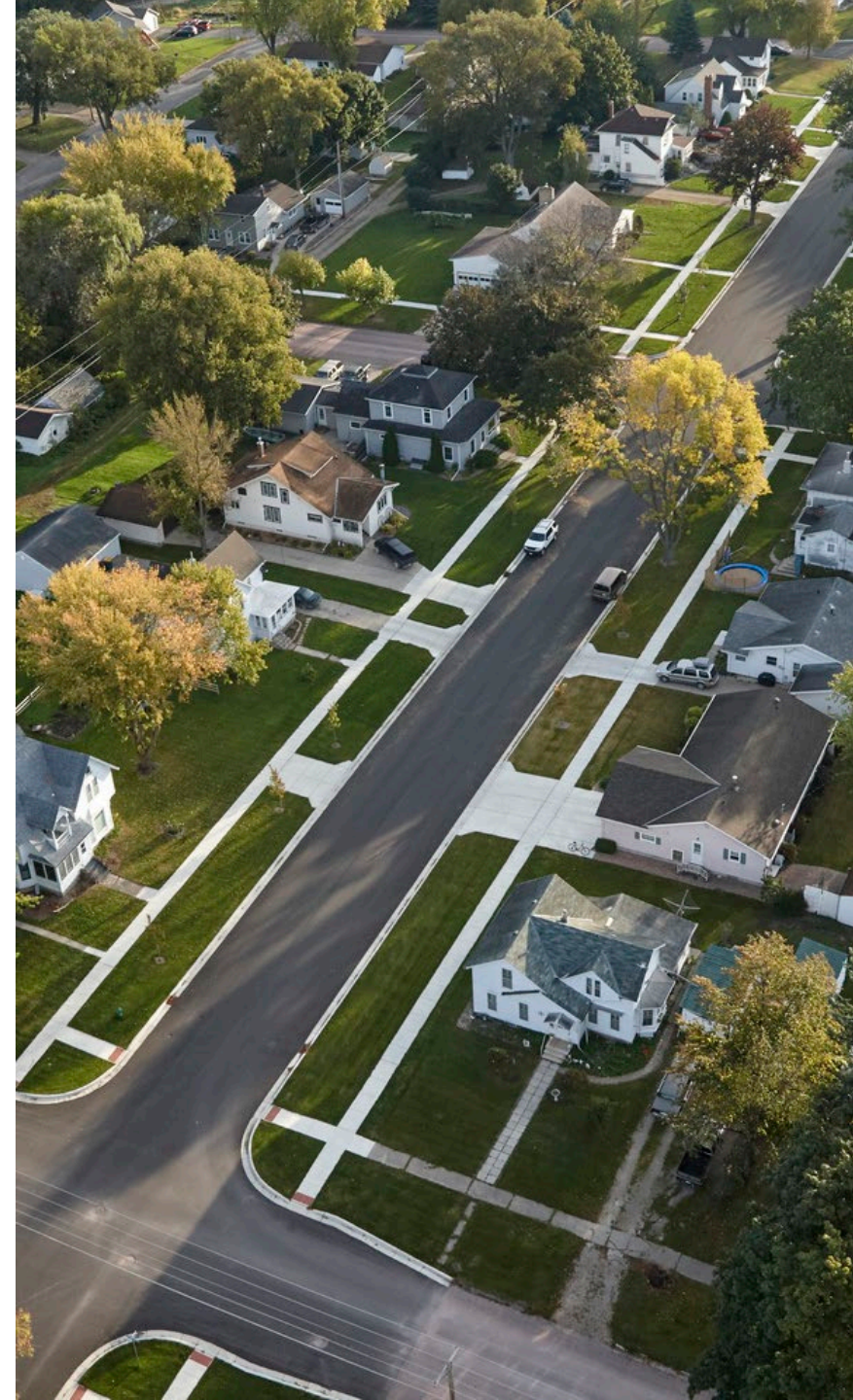
Functional Classification

Arterial

Collector

Local

- Lowest speed, lowest traffic volumes
- Connect individual properties with roadway network
- Usually one lane in each direction



Functional Classification

Arterial

- Middle speed (25-45mph)
- Connect neighborhoods with destinations and arterials

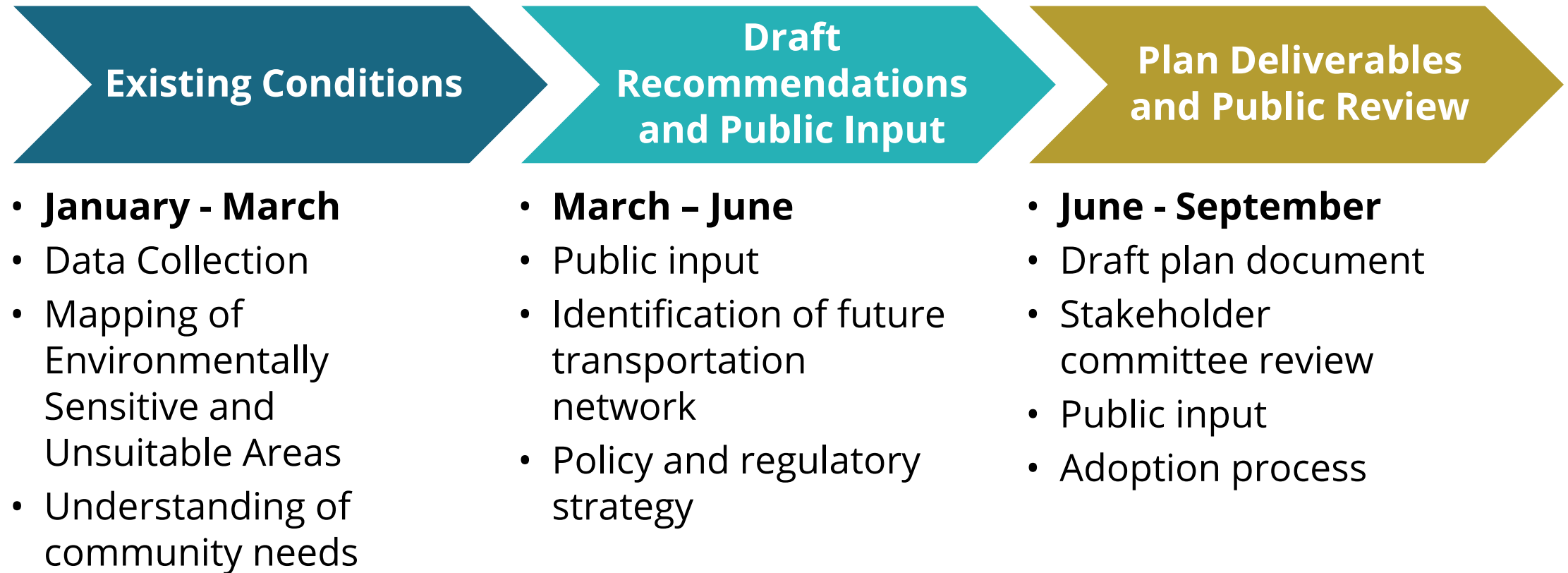
Collector

- NC 130/Holden Beach Rd, NC 179/Bricklanding Rd, Gray Bridge Road
- Usually one lane in each direction, with turn lanes

Local

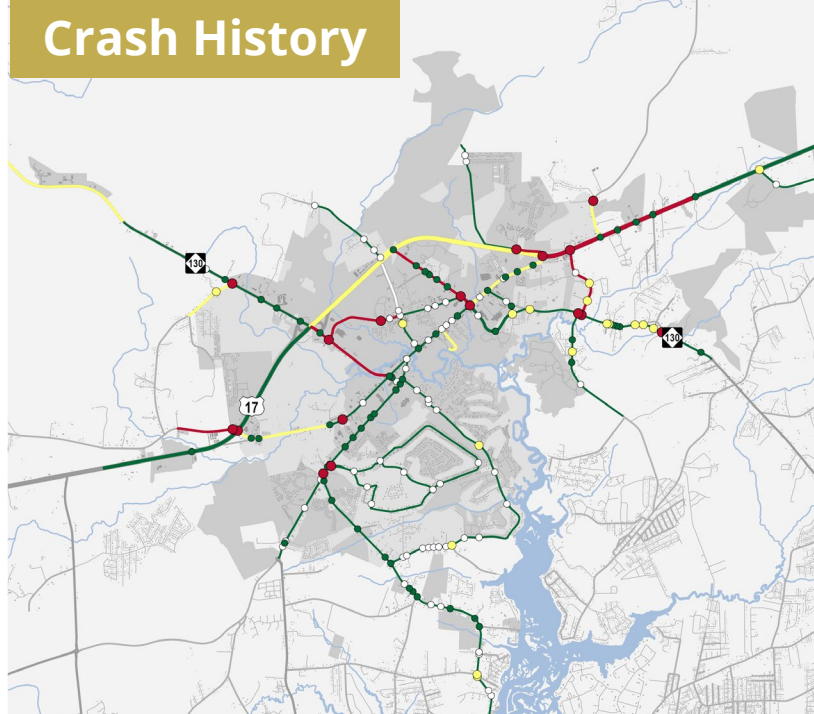


Plan Process

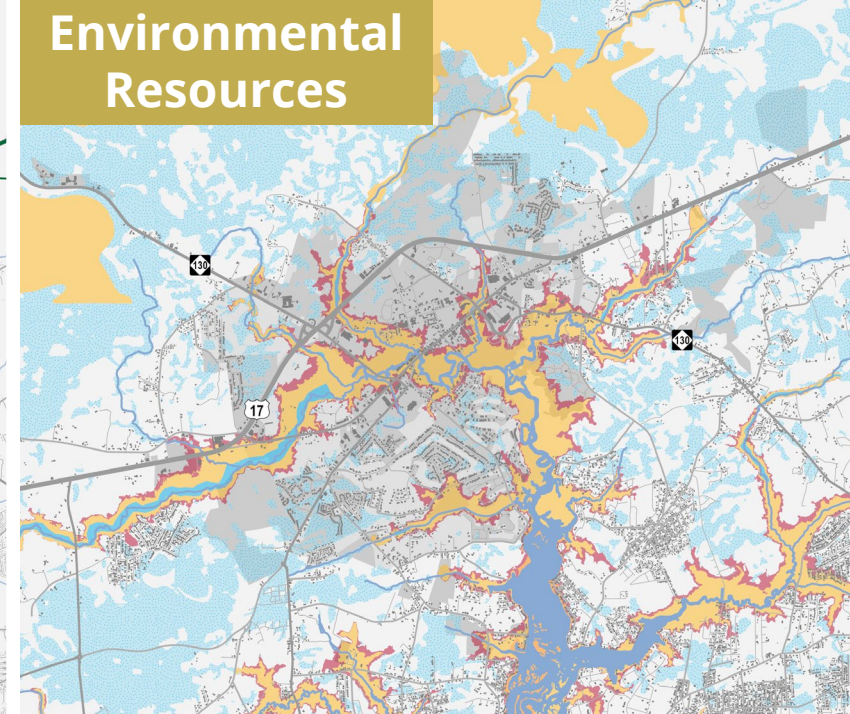


Existing and Future Conditions

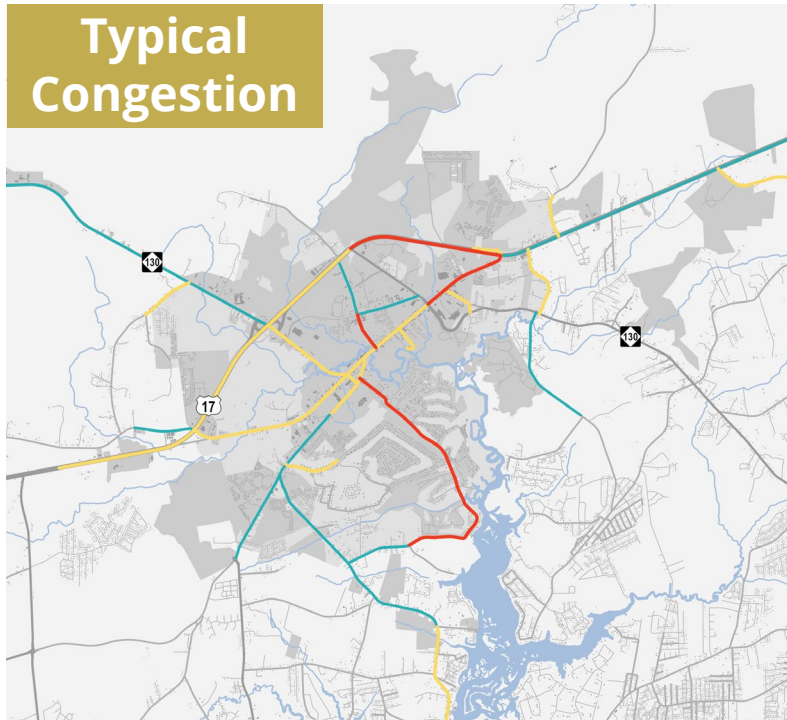
Crash History



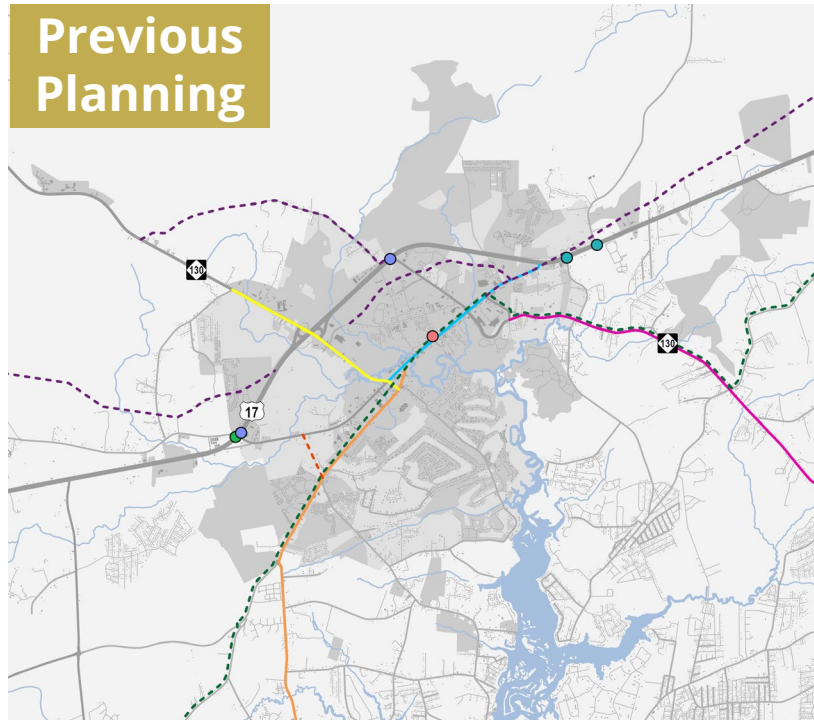
Environmental Resources



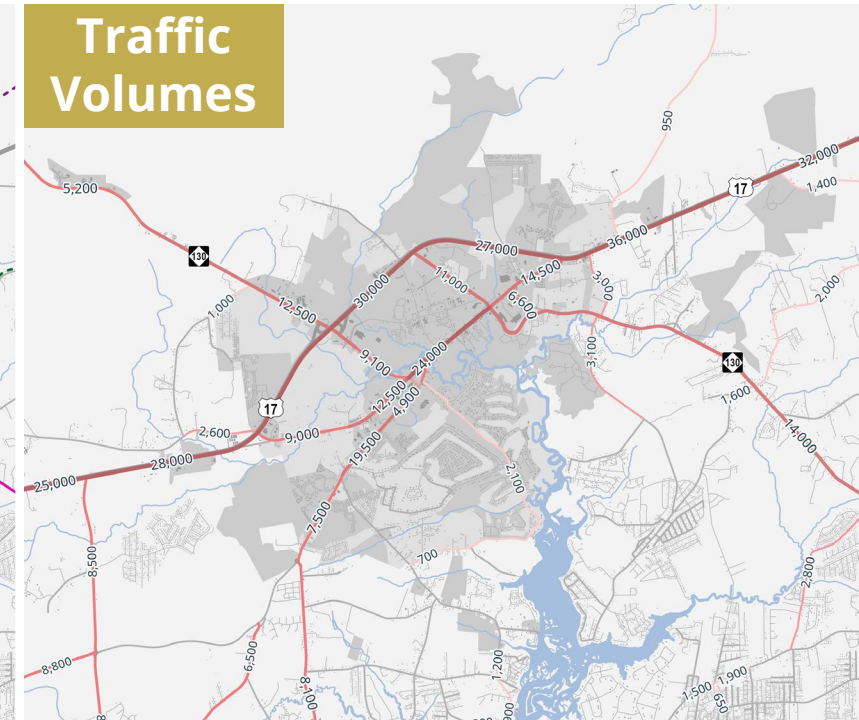
Typical Congestion



Previous Planning



Traffic Volumes



Spring Public Engagement Overview

- Over 80 people participated between in-person open houses, online surveys, and paper surveys
- Travel Mode Activity
- Goals Activity
- Project Types Activity
- Map Activity



Public Engagement

Major Themes

Create new routes in outer **Shallotte** to create a consistent network through these areas.

Invest in the existing **collector network** to improve safety and mobility for drivers, bicyclists, and pedestrians.

Improve existing and build new roadways with **dedicated walking and bicycling facilities** to make all modes of travel safe and appealing.

Create new routes **parallel to and connecting to Main Street** to create alternate ways to travel within and around central Shallotte

Recommendations Overview

New Roads (NR)

Corridor Improvements (CU)

Intersection Improvements (II)

Multimodal Improvements (MM)

- Largest group of recommendations
- Many new roads would likely be built as part of future (re)development
- All recommendations envisioned as two-lane roads

Recommendations Overview

New Roads (NR)

**Corridor
Improvements (CU)**

**Intersection
Improvements (II)**

**Multimodal
Improvements (MM)**

- Improvements to existing collector street system
- Focused on safety and congestion challenges
- Widenings taken from Brunswick County CTP

Recommendations Overview

New Roads (NR)

**Corridor
Improvements (CU)**

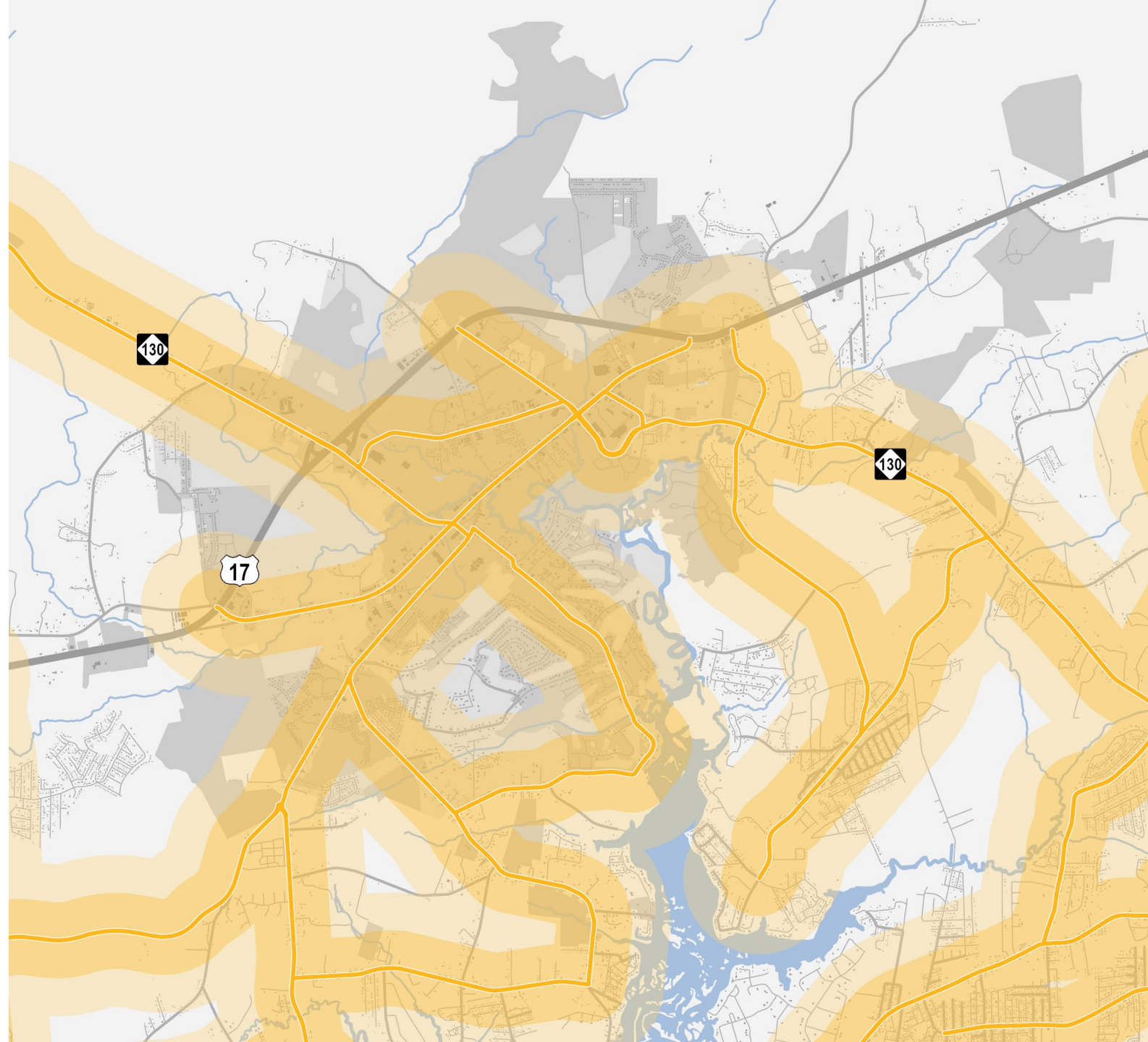
**Intersection
Improvements (II)**

**Multimodal
Improvements (MM)**

- Investments in walking and bicycling facilities
- Taken largely from the Town's bicycle and pedestrian plan

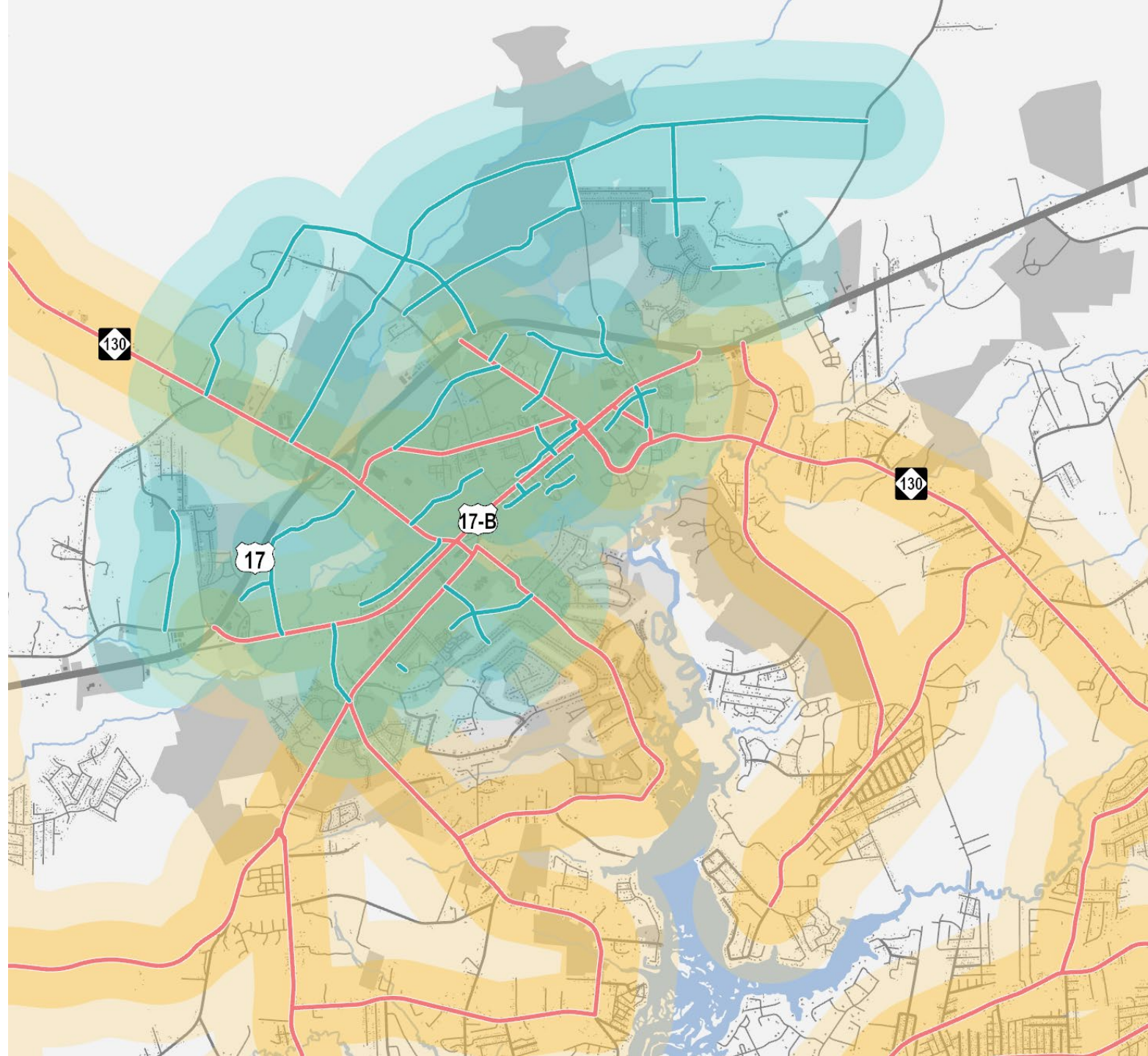
Existing Collector Coverage

- FHWA guidance: Collectors should be spaced every $\frac{1}{2}$ to 1 mile in built up areas
- Today's collectors provide coverage to most built-up areas, but neglect areas of future development



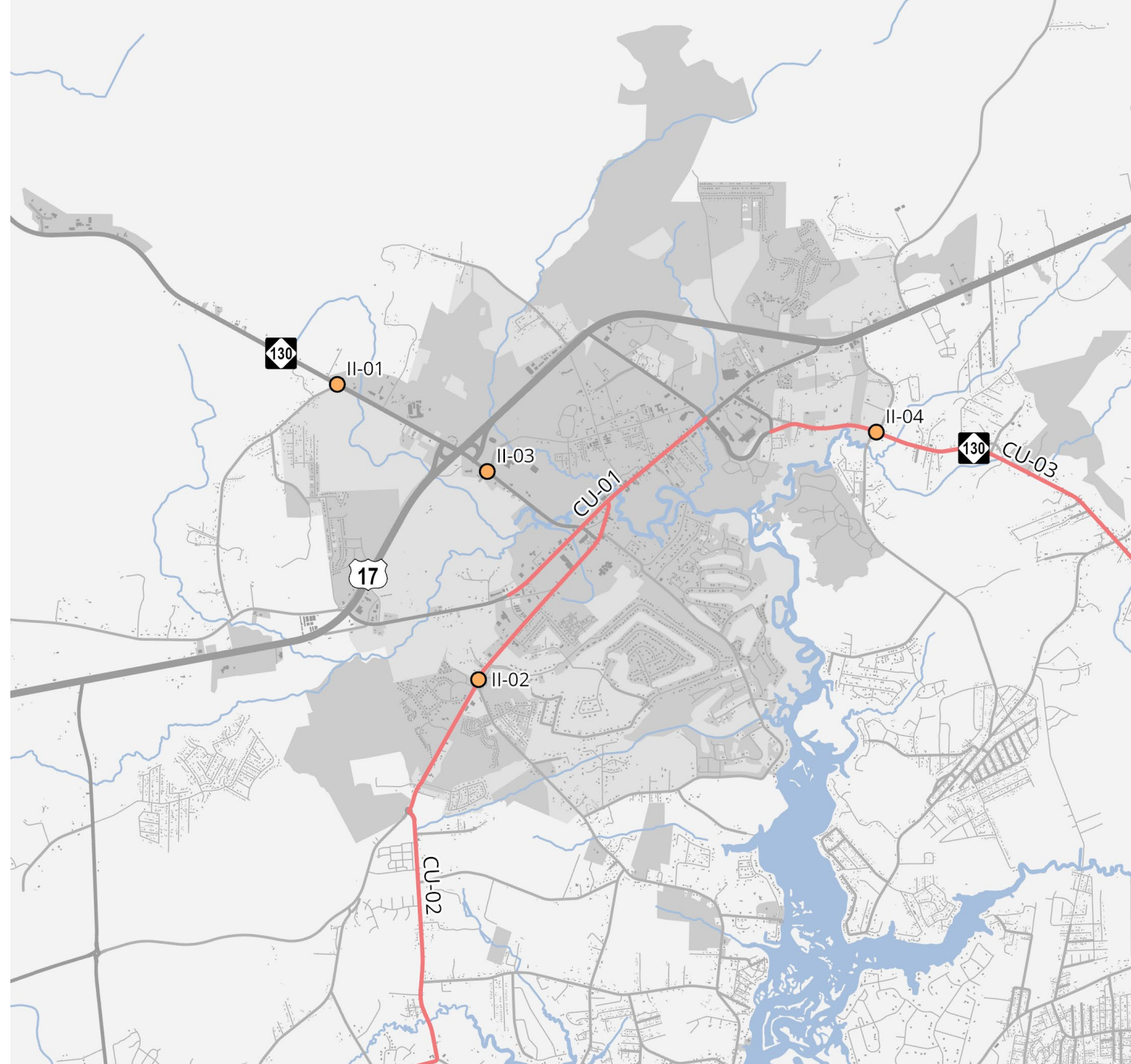
Future Collector Coverage

- New alignment roadways provide additional coverage in areas of congestion and new coverage in areas where future development is anticipated



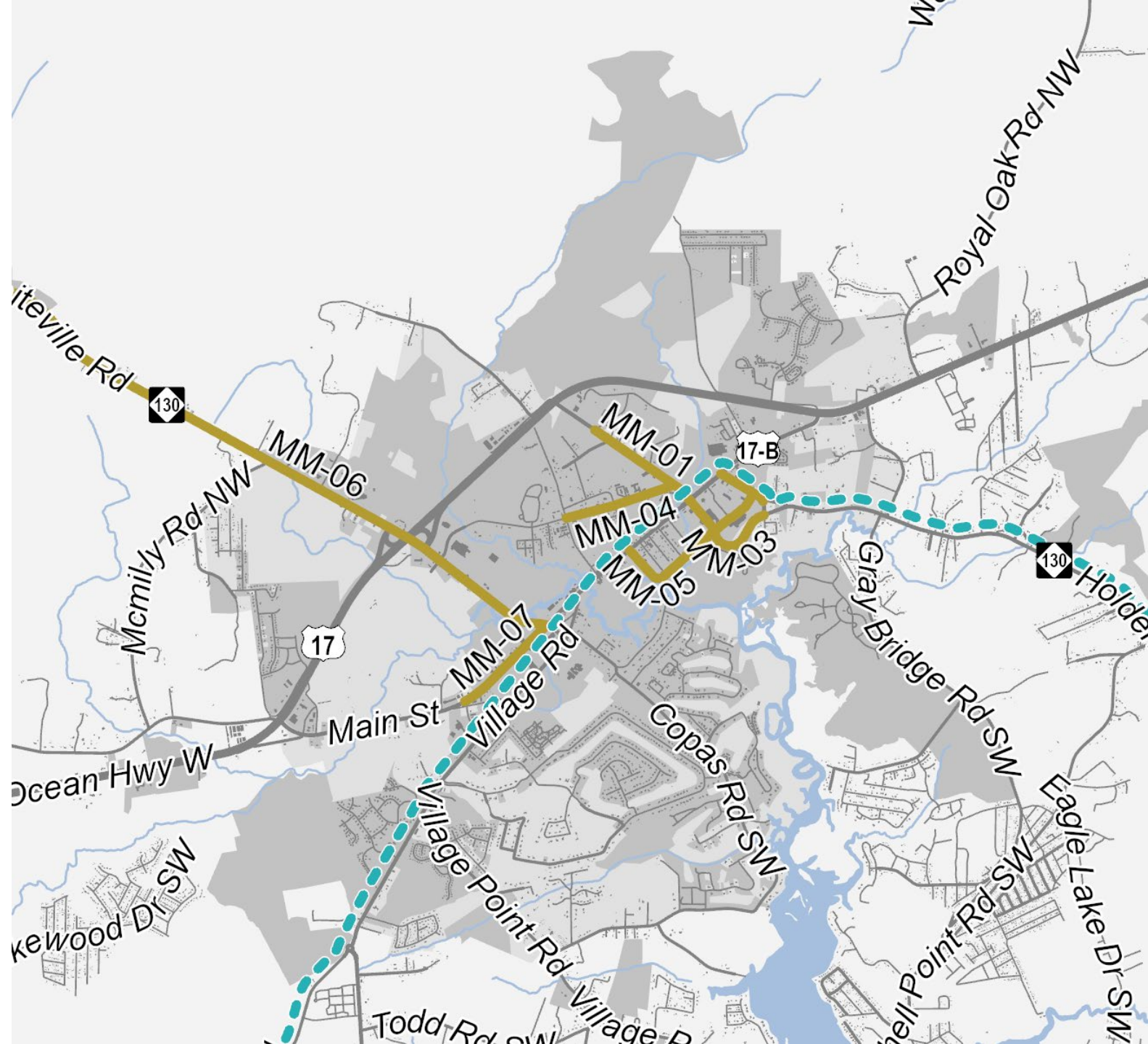
Improvements to Existing Collectors

- Detailed study on Main Street
- Widening on NC 179 (from CTP)
- NC 130 widening (from CTP)
- Safety and capacity intersection improvements



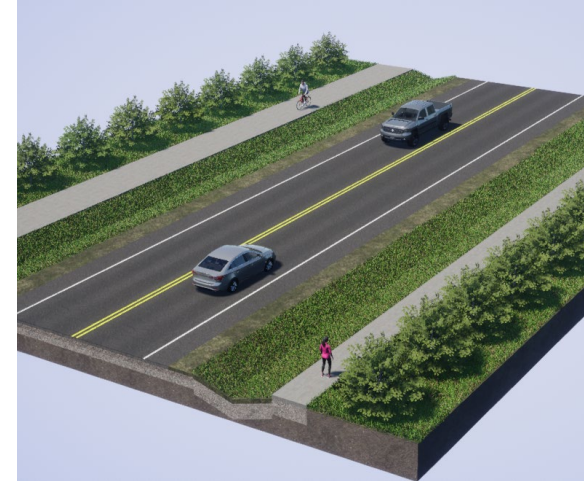
Bicycle and Pedestrian Improvements

- Largely from Town's Bicycle and Pedestrian Plan
- All new roadways would be planned with dedicated bicycle and pedestrian facilities



Roadway Design Recommendations

- Document includes design guidelines for new roads including:
 - Rural section (ditch drainage)
 - Urban section (curb and gutter)
 - Backage roads
 - Multi-lane roads
- Other policy recommendations for new development connectivity



Ongoing and Next Steps

- **Draft document** is currently available for public review **through August 26th**

www.TownOfShallotte.org/transportation

- Plan to return to **September Planning Board meeting** with revised document for recommendation to adopt
- If recommended, plan to present to **Board of Aldermen at their October** meeting for adoption