

BLUEPRINT FOR
CHARLOTTE
MOBILITY INVESTMENT

CHARLOTTE
STRATEGIC
MOBILITY PLAN

 CITY of CHARLOTTE

Charlotte City Council
**Transportation, Planning & Development
Committee**

February 5, 2024

Charlotte Mobility Blueprint

Committee Referral:

Policy Question:

- Confirm the appropriate transportation investment strategy to advance the goals of the Strategic Mobility Plan.

Charge:

- Finalization of the Mobility Blueprint (strategy, project identification, community engagement)
- Potential policy and CIP recommendations

Vision

2040 Plan & Strategic
Mobility Plan

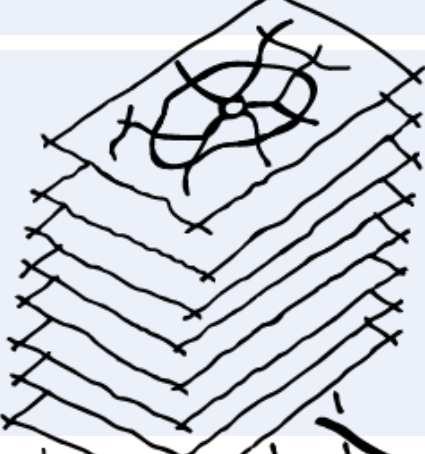
Need

2,000+
projects/opportunities



Analysis

10,000+ Data points
safety, infrastructure
conditions,
demographics, projected
growth, transportation
disadvantaged, etc.



Priority

Where our investment
will have impact on our
goals

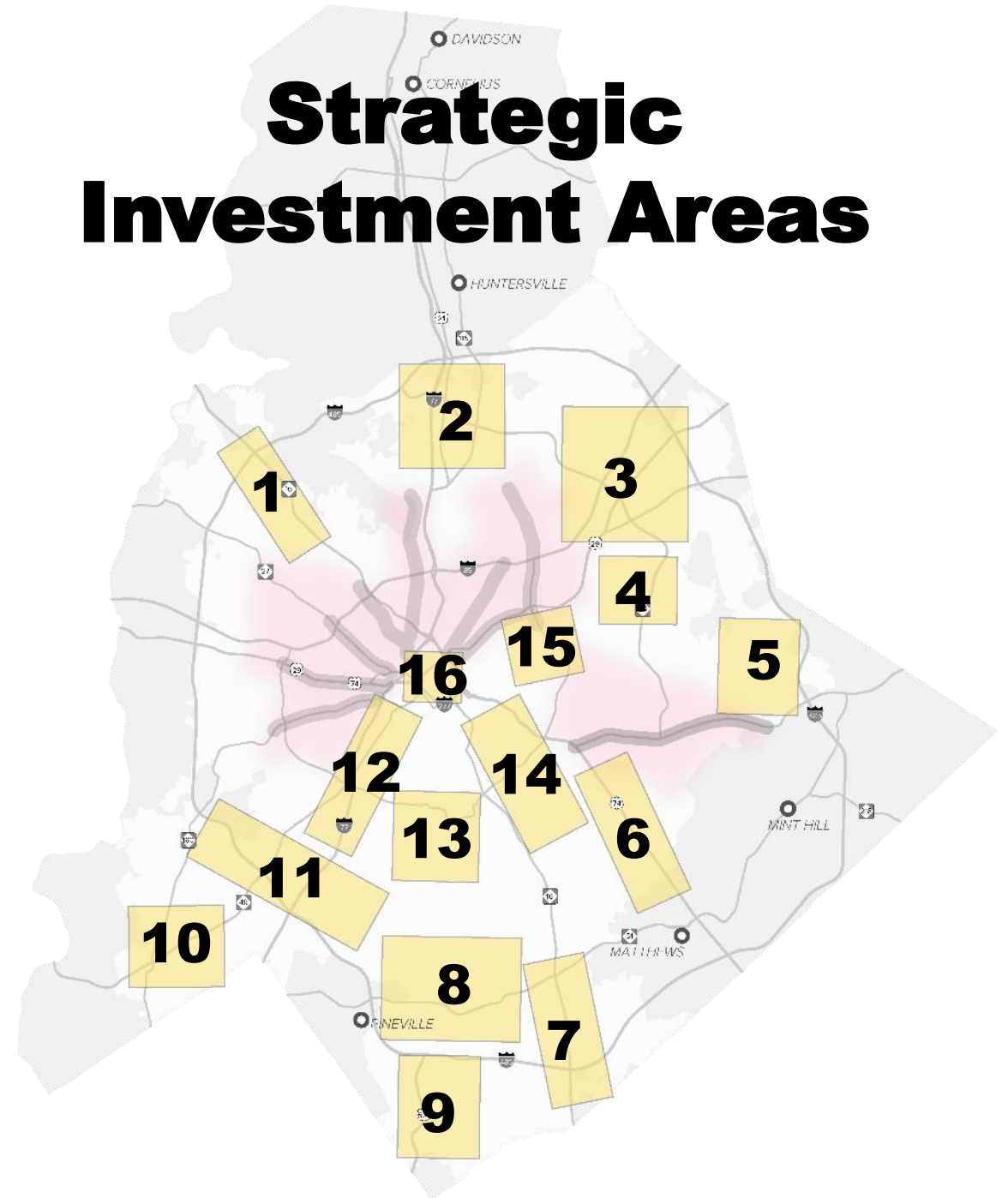


Strategy

Strategic Investment Areas



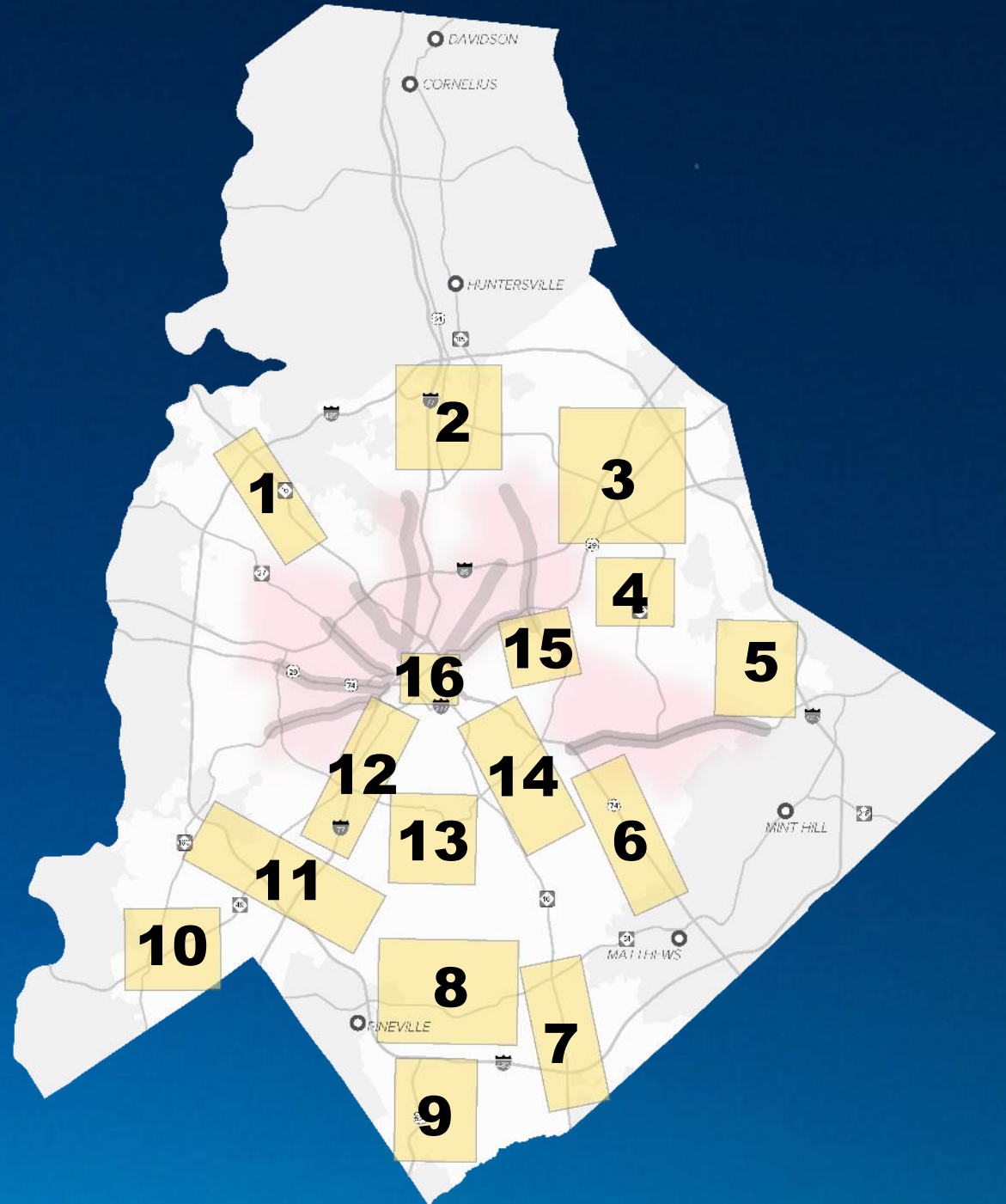
Strategic Investment Areas



Strategic Investment Areas:

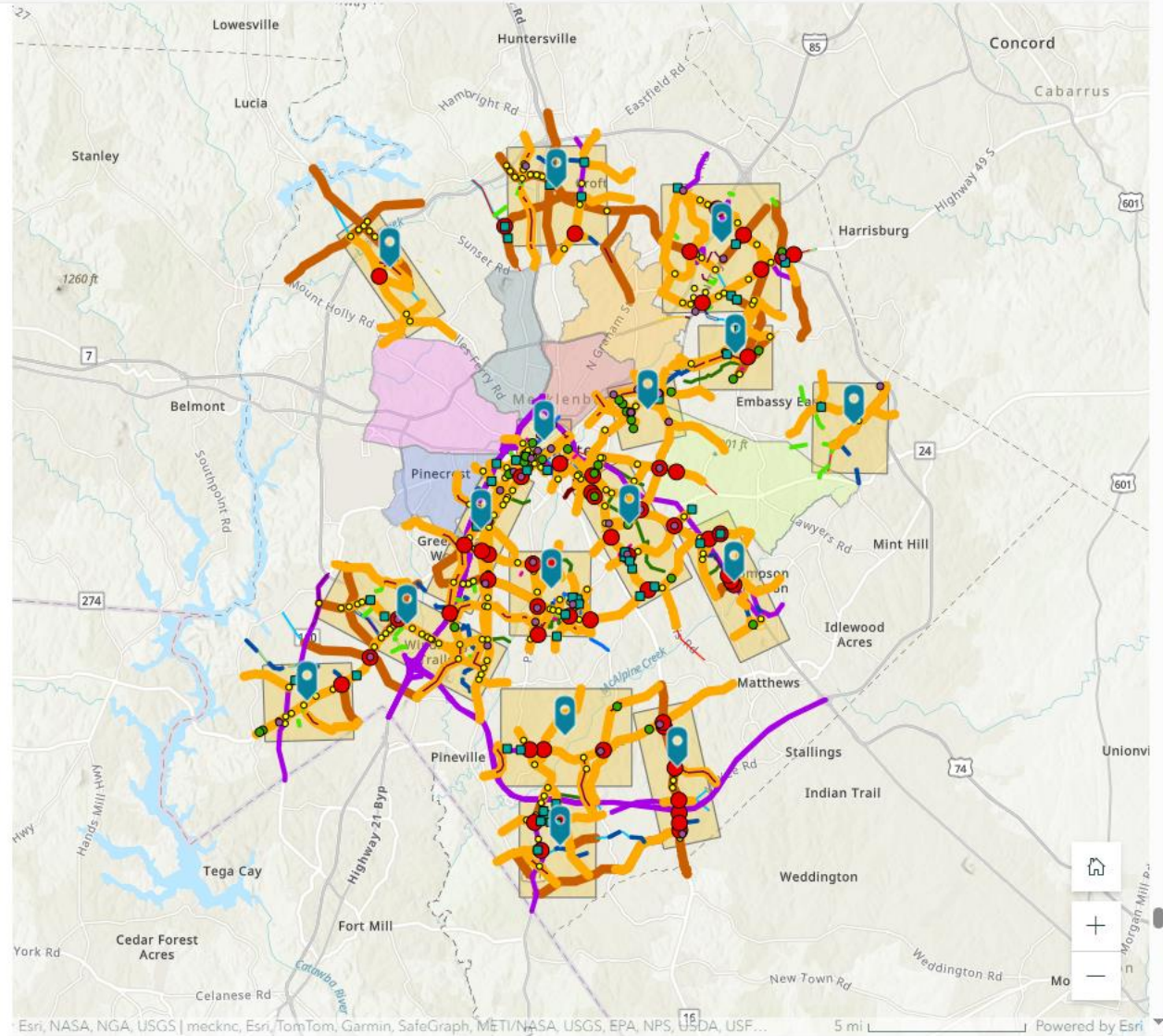
What are they?

- **Data-driven:** from conception to outcome (measuring success)
- **Comprehensive** but geographically focused & context-specific, **one size does not fit all**
 - **Playbook** of projects across **all modes** & partners
- **Scalable** “Bundles” of investment, **sum is greater than the parts**
- Positioned for execution & **funding opportunistic:** Local, State, Federal, Private



DRAFT Strategic Investment Areas "Story Map" Tool

Our Plan Defining Strategic Areas Potential Projects Explore! What's Next?



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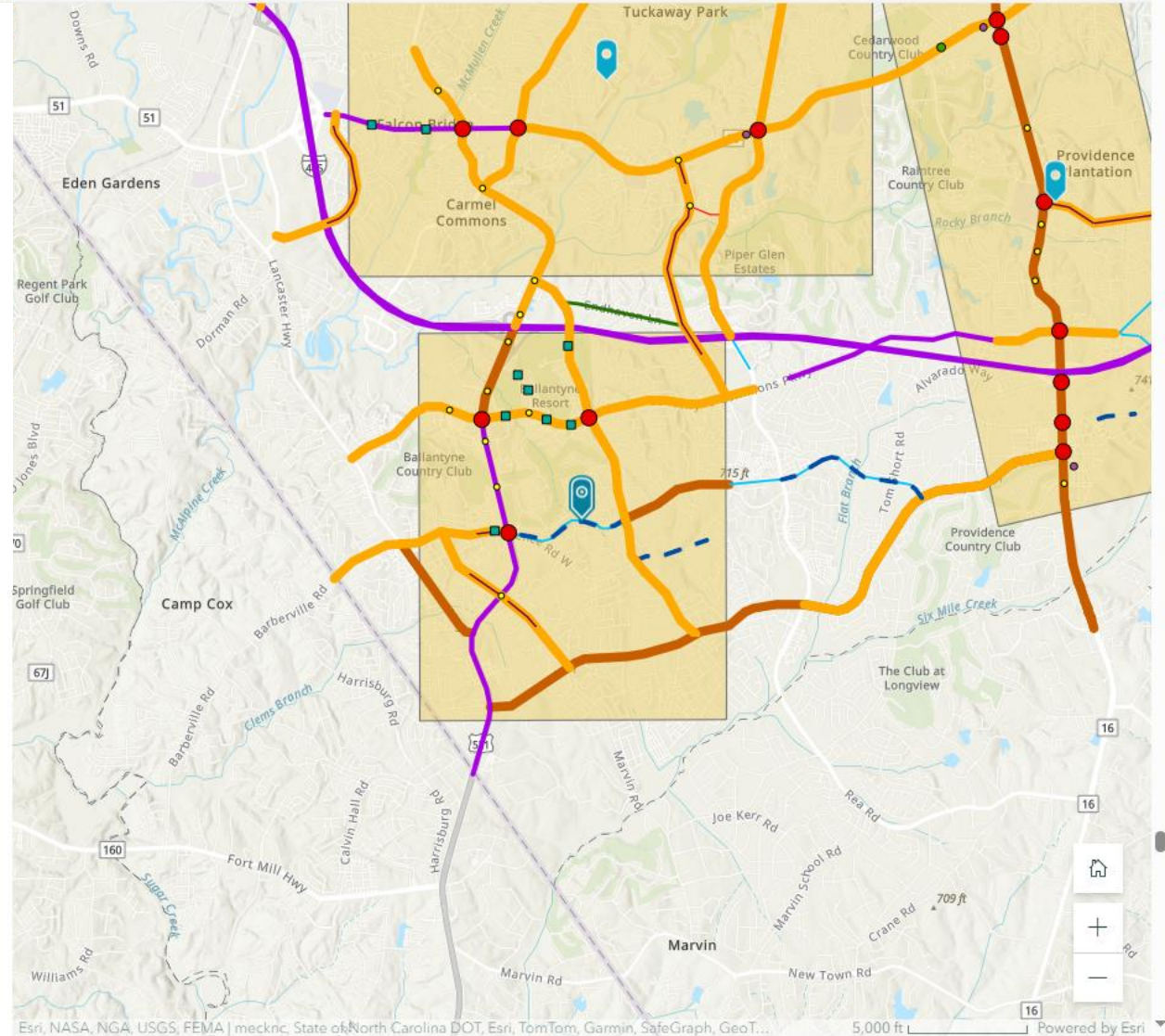
Projects

- Complete Street Upgrade with Potential Vehicular Capacity
- Complete Street Upgrade
- NCDOT Multi-Modal Improvement Partnership
- Extension
- New Street
- Retrofit
- Bike/Pedestrian Connection
- In-Street Bike Facility
- Bike Facility Improvements
- Bike Route
- SUP
- Sidewalk
- Streetlighting
- ITS Upgrades
- Pedestrian and/or Bike Signal Upgrade
- Pedestrian and/or Bike Crossing
- Mobility Hub
- New Traffic Signal
- Intersection Improvements

South Charlotte

Mobility Focus

- Increase capacity through operational and physical improvements, including important street network connections and added travel lanes in targeted areas
- Support the development of the Activity Center and planned light rail corridor into a multimodal place that helps meet mode shift goals and provides additional employment and recreational opportunities for surrounding communities
- Improve safe and comfortable access for pedestrians and bicyclists to and within the Activity Center in support of 10-minute neighborhoods



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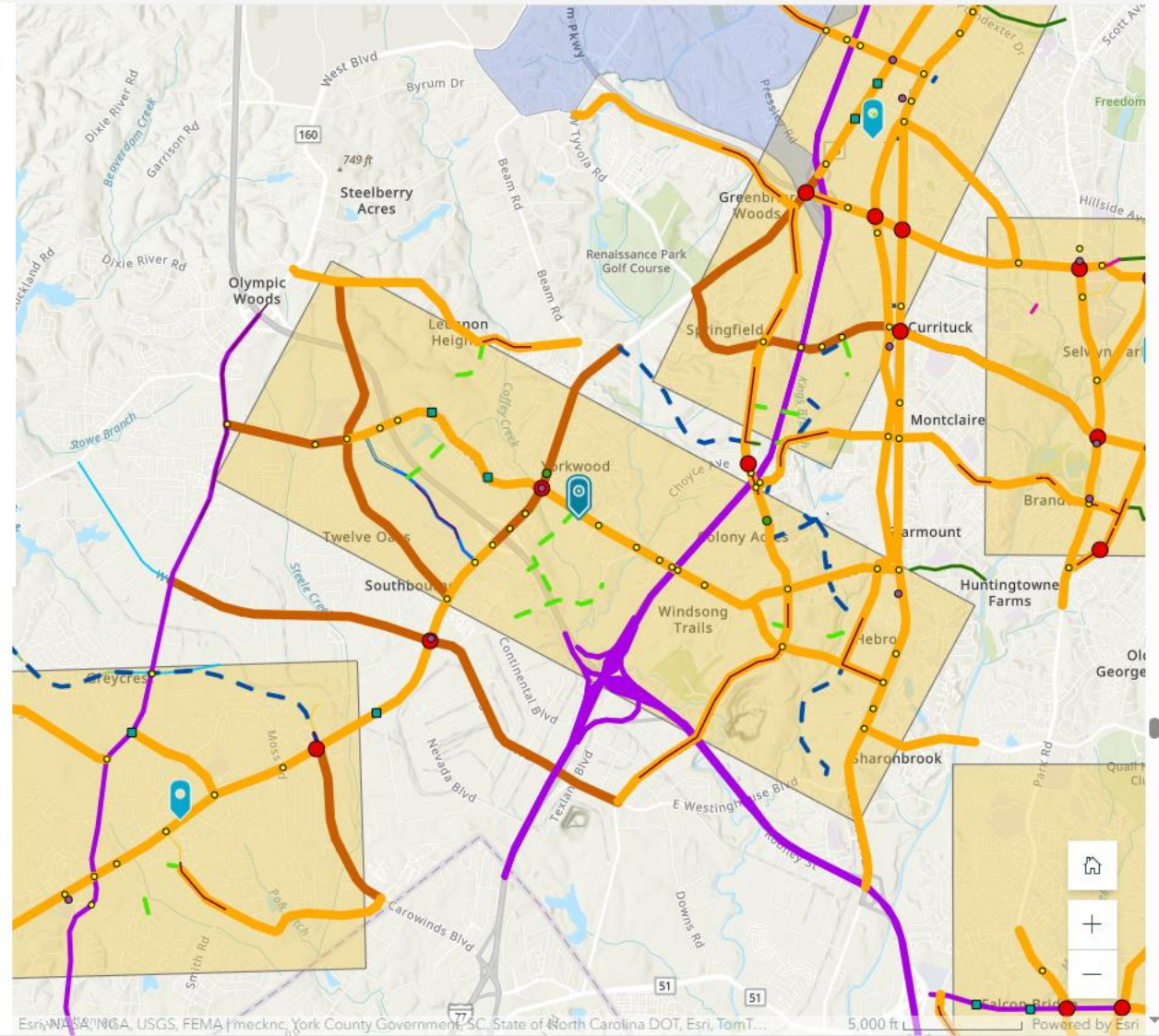


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- Mobility Hub
- New Traffic Signal
- Intersection Improvements

Arrowood

Mobility Focus

- Provide multimodal access to transit along a major corridor connecting High Frequency/Priority Bus transit with the Blue Line
- Provide better multimodal access to Arrowood Transit Station and other Activity Centers (e.g., Nations Ford/Arrowood and Whitehall) to support 10-minute neighborhoods
- Increase safe, multimodal access to jobs, greenspace, and educational facilities for transportation disadvantaged communities in the central and eastern portions of the SIA
- Increase capacity with operational improvements, transit, and added travel lanes in the western portions of the SIA
- Provide safe crossings, pedestrian, bike, and transit facilities throughout the SIA



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Next Discussion Topics:

- Deeper dive into projects and scale of investment
- Community engagement with Community Area Planning process
- Project feasibility & implementation process