

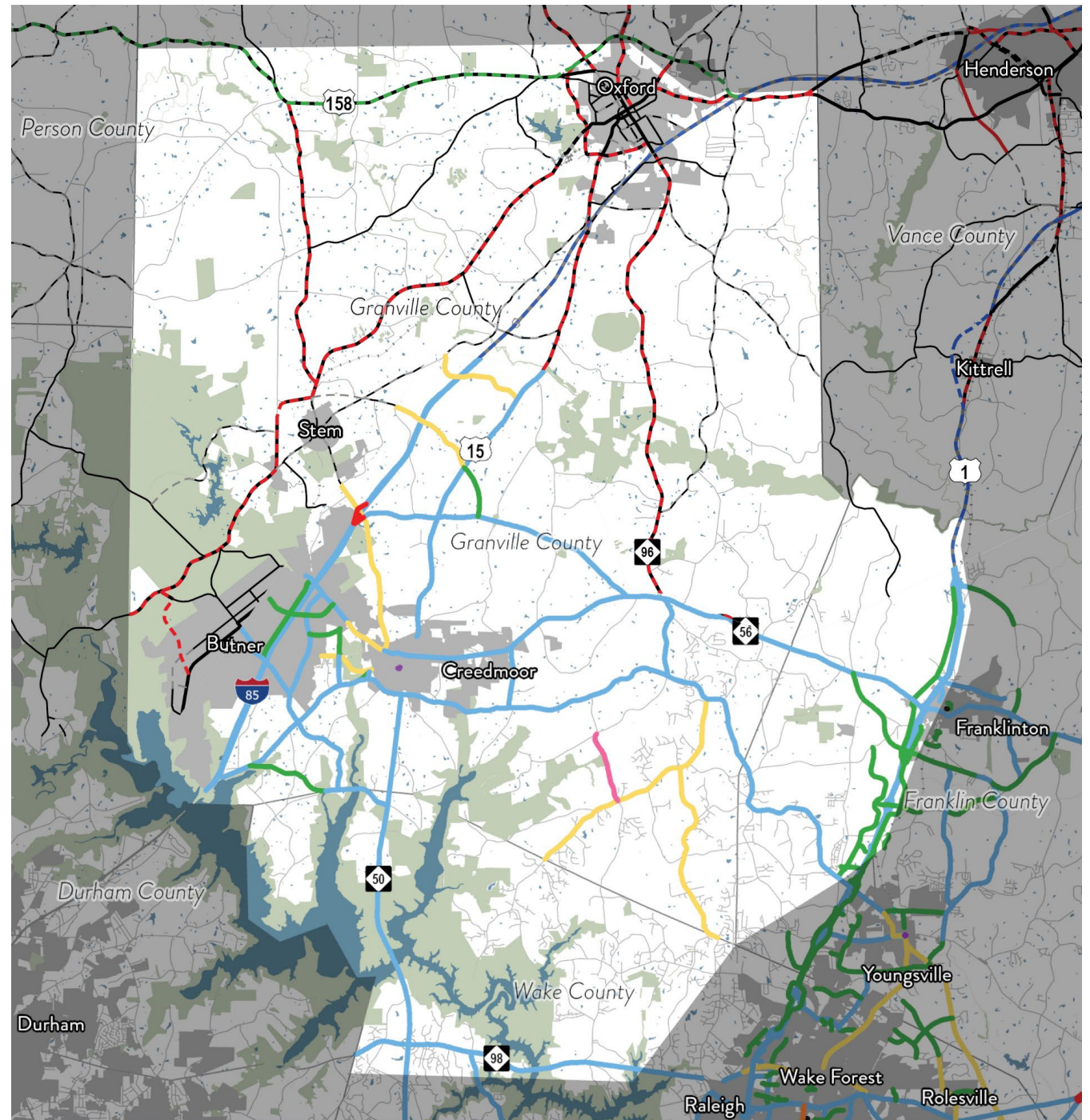
Planned Transportation Improvements

Long-Term

Proposed
(CTP 2070+)

Planned
(MTP 2055)

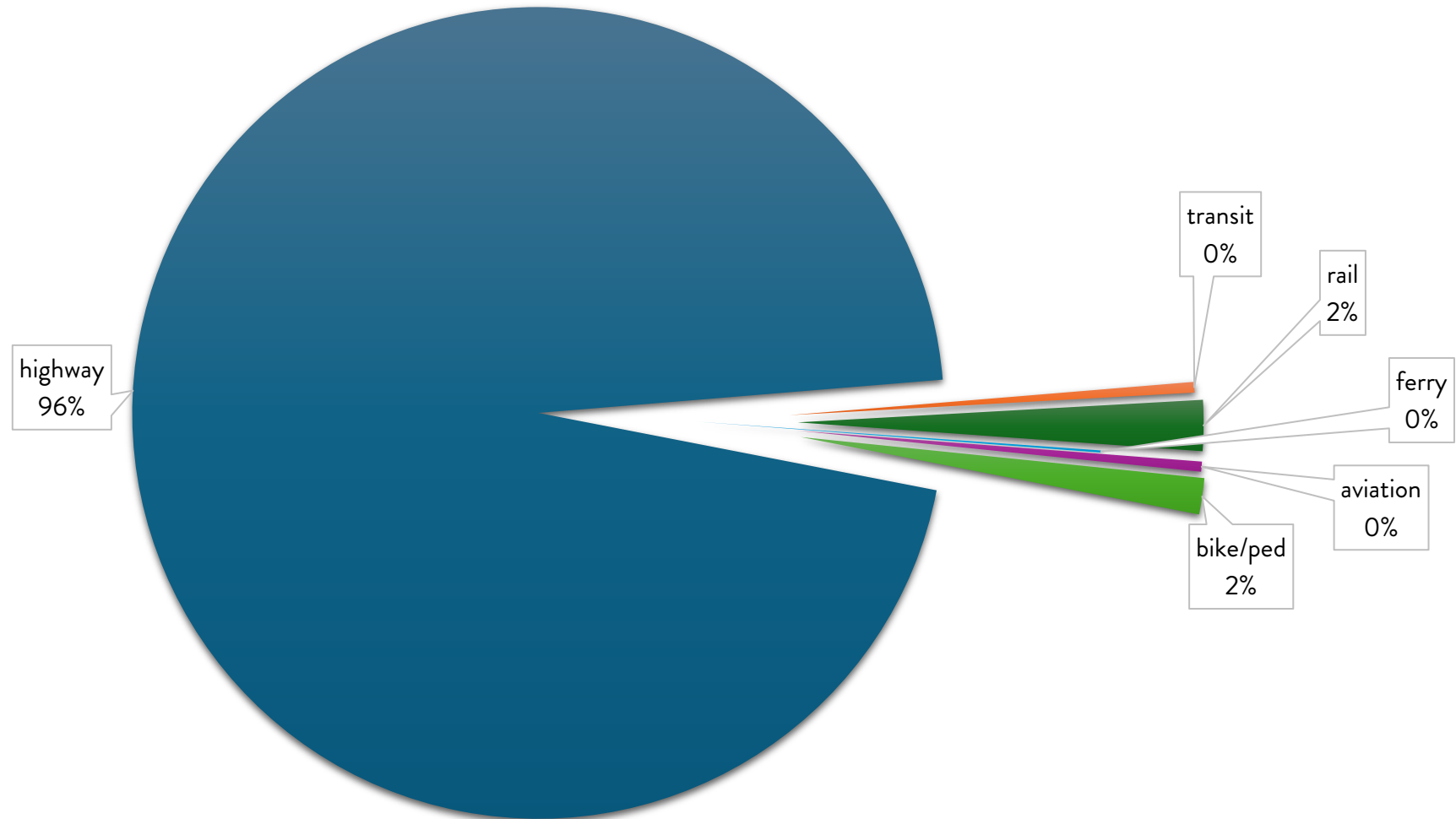
Programmed
(STIP 2026-2035)



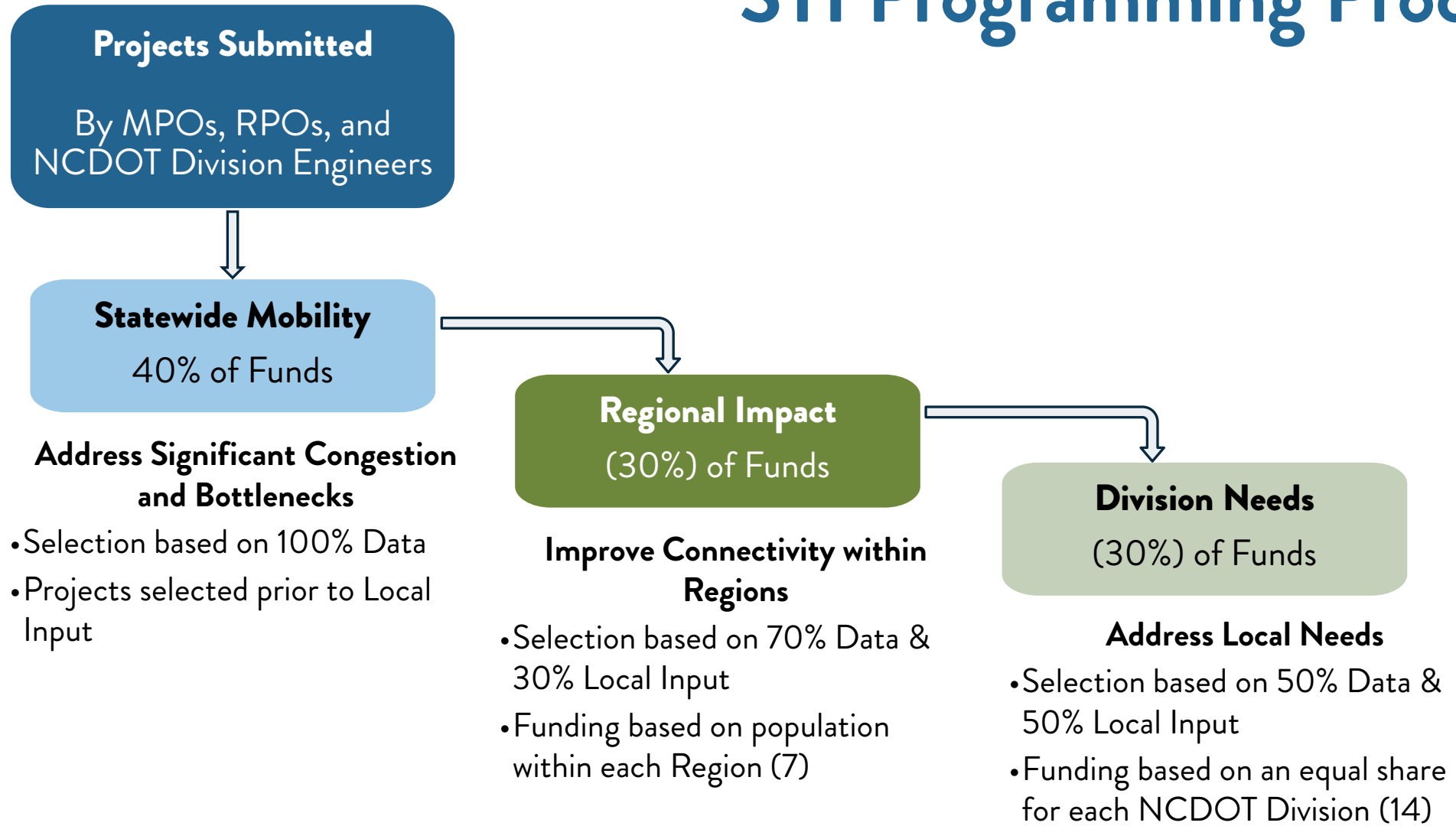
NCDOT STIP 2026-2035 Funding Breakdown

Funding Subjected to STI, Total Funded

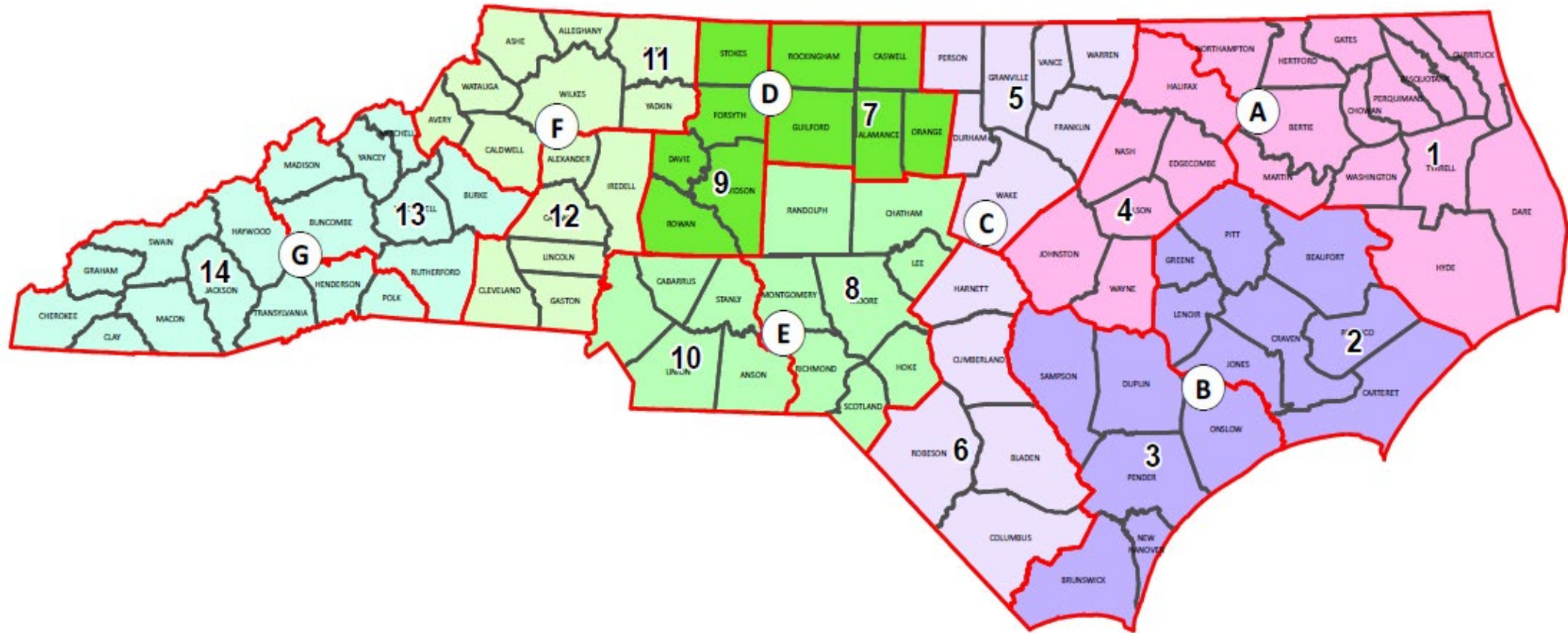
(may include previously authorized funding)



STI Programming Process

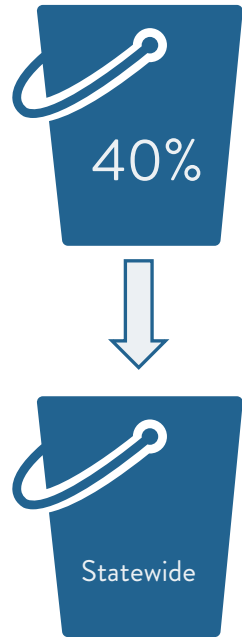


Regions and Divisions



STIP Funding Distribution

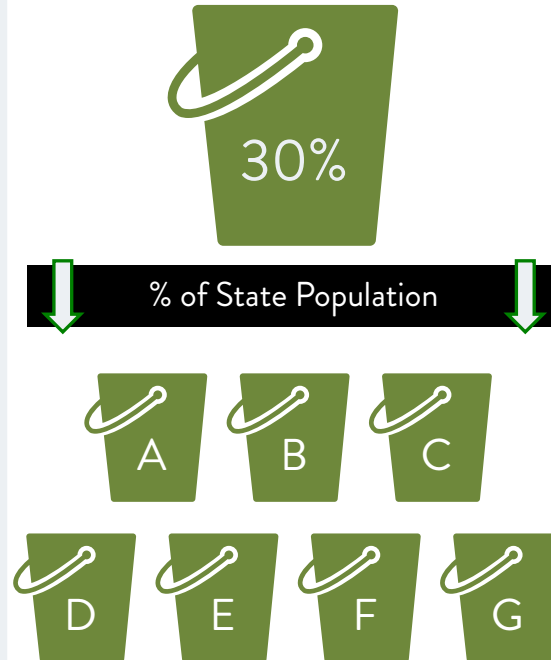
Statewide Mobility



Programmed First

Interstate Maintenance
Bridge Replacement
Bridge Rehabilitation
Highway Safety

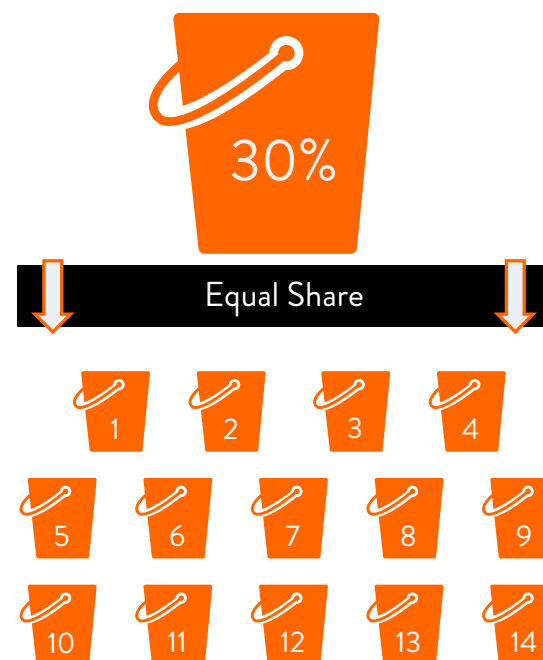
Regional Impact



Programmed First

Bridge Replacement
Bridge Rehabilitation
Highway Safety

Division Needs



Programmed First

Bridge Replacement
Bridge Rehabilitation
Highway Safety
MPO Direct Attributable
Transportation Alternatives
Highway-Rail Crossing
Economic Development

STIP Funding Distribution

Where CAMPO Competes

Statewide Mobility



Programmed First

Interstate Maintenance
Bridge Replacement
Bridge Rehabilitation
Highway Safety

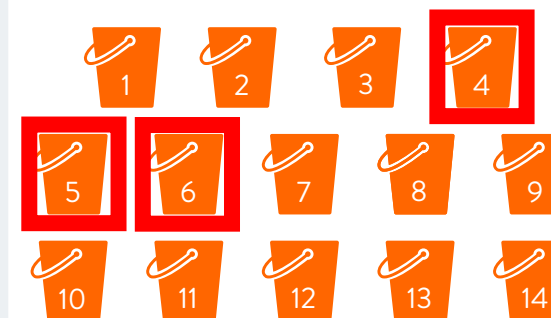
Regional Impact



Programmed First

Bridge Replacement
Bridge Rehabilitation
Highway Safety

Division Needs



Programmed First

Bridge Replacement
Bridge Rehabilitation
Highway Safety
MPO Direct Attributable
Transportation Alternatives
Highway-Rail Crossing
Economic Development

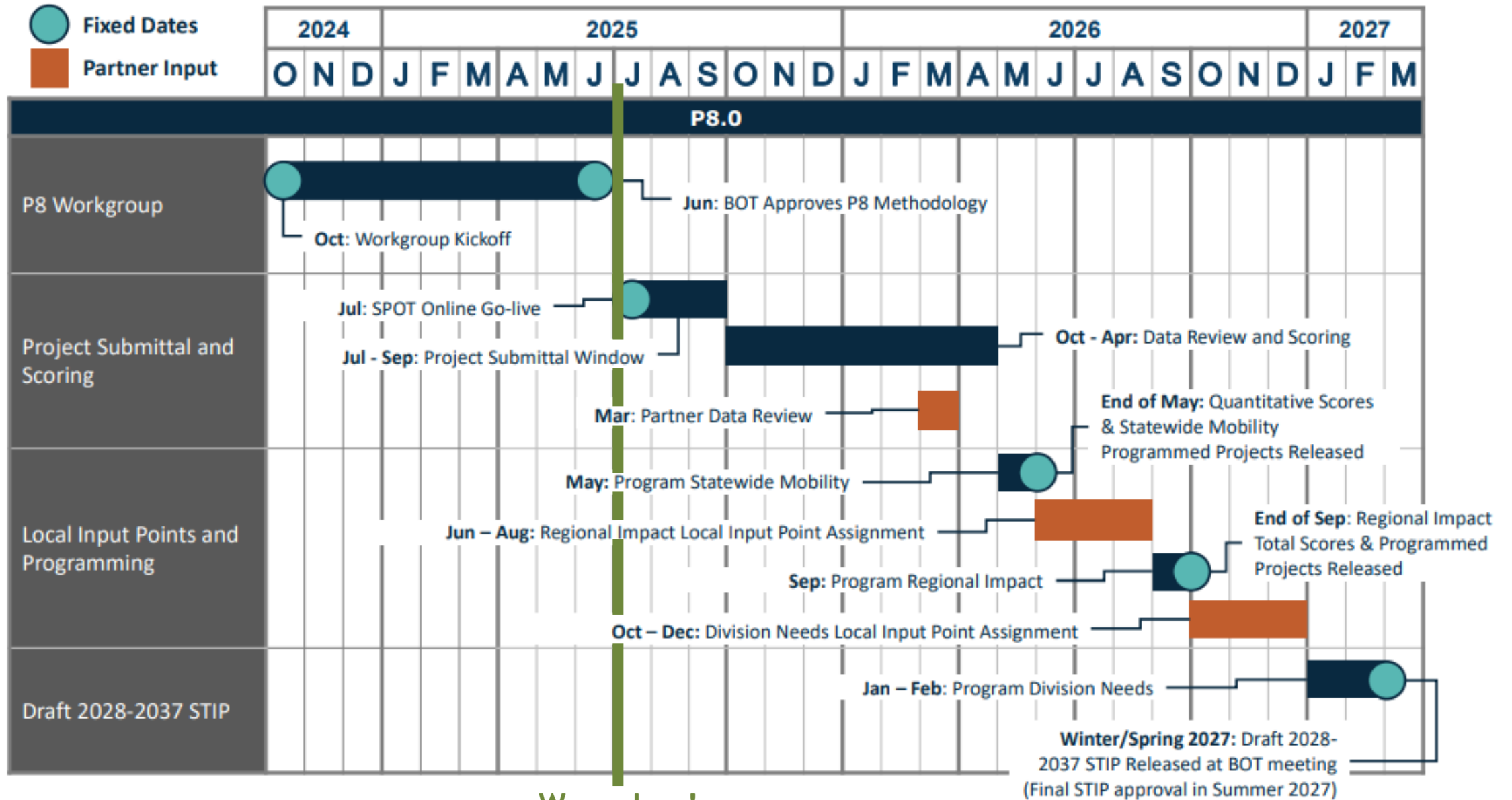
2028-2037 TIP/STIP Development

SPOT Actions - MPOs

1. Select Projects to Submit for Scoring
(34 projects per mode) *BEGIN in fall 2025*
2. Assign Local Input points *BEGIN in spring 2026*
 - Regional Impact Points (2500 pts)
 - Division Needs Points (2500 pts)
3. Adopt TIP *summer 2027*

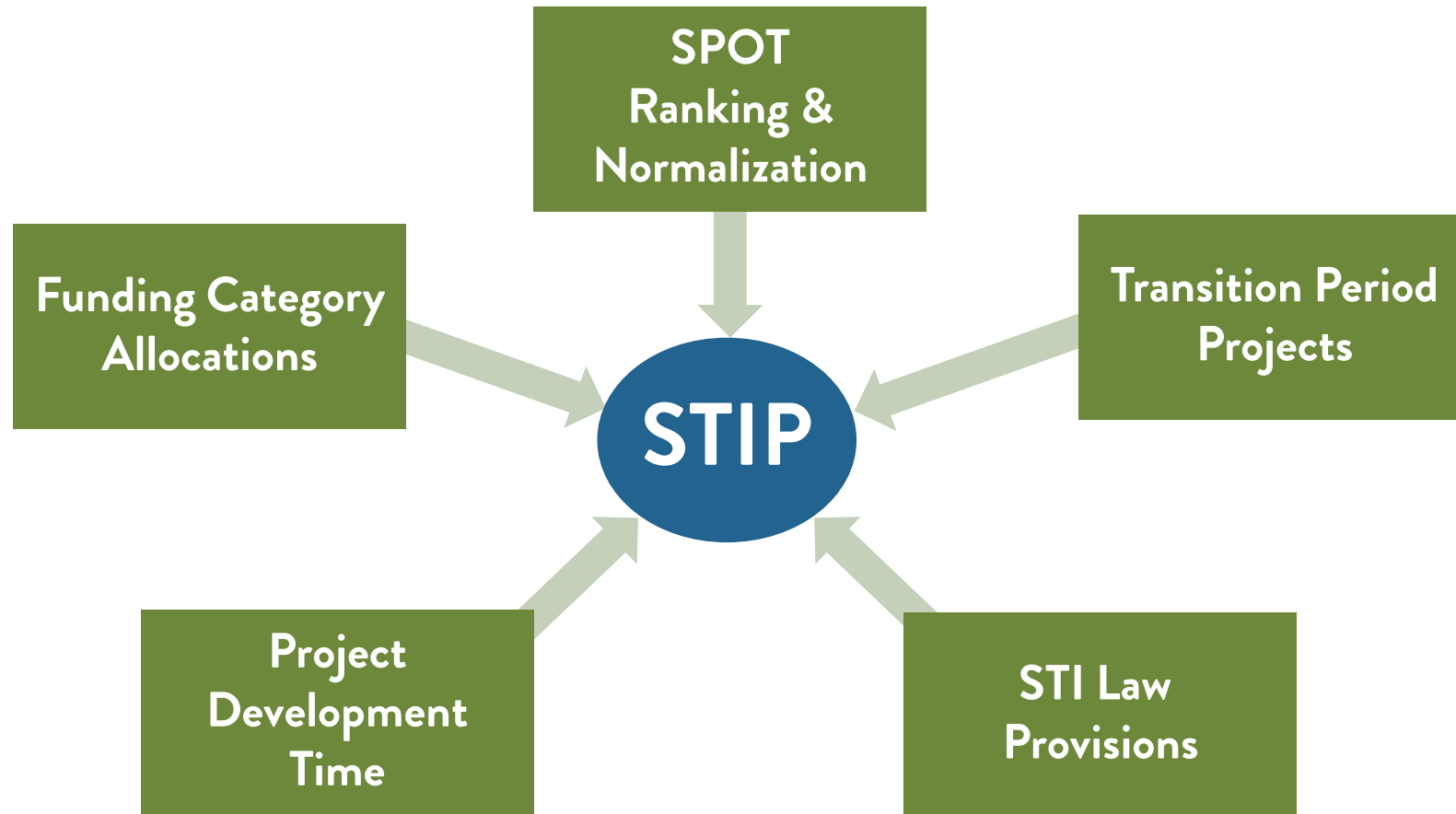
P8 Schedule

October 2024



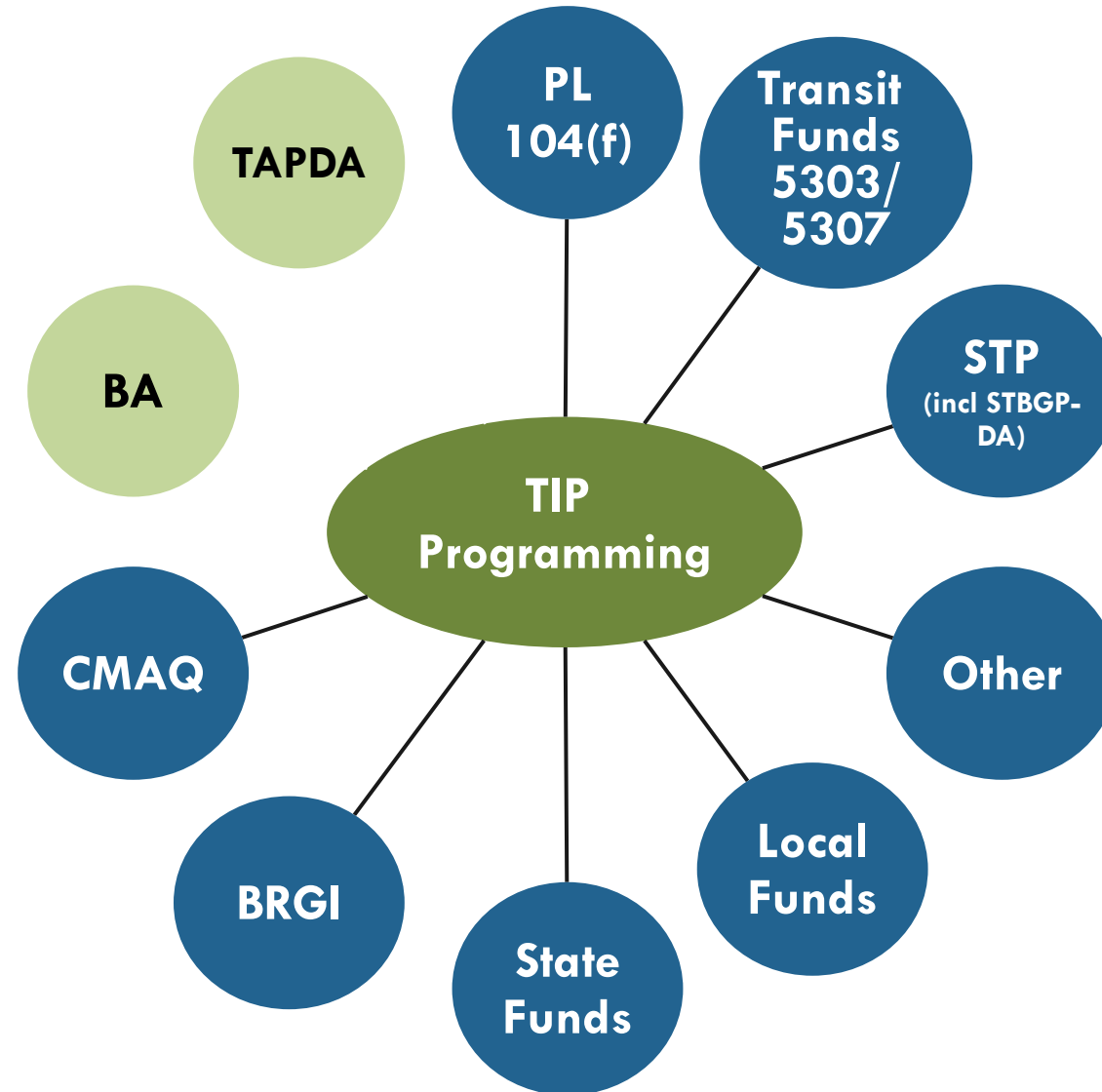
We are here!

Prioritization to Programming



Major Funding Categories STIP

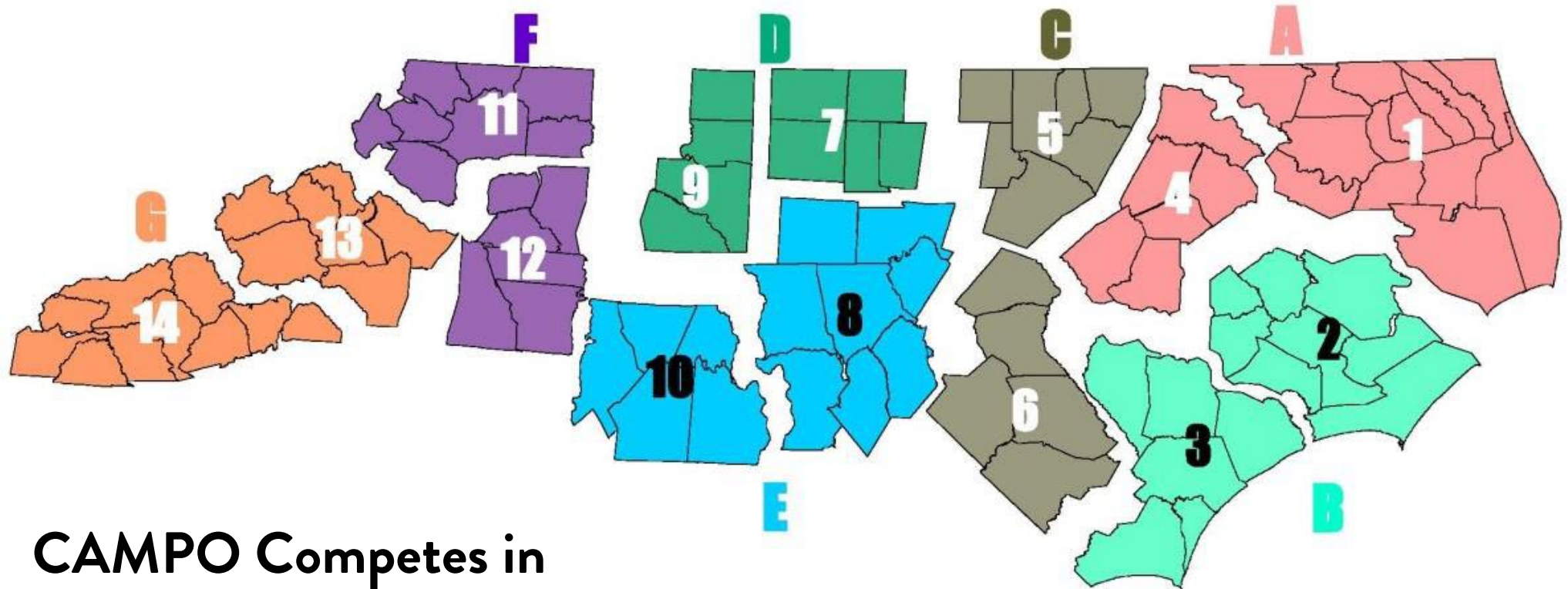
**Funding Category
Allocations**



Project Development Influence

Final SPOT Score	Expected Project Delivery Time (Years)	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
80	9		NEPA			Design		ROW		CON	
75	4	Design	ROW		CON						
70	1	CON									
65	5	Design		ROW		CON					
60	8		NEPA		Design		ROW		CON		

Division & Funding Region Map



CAMPO Competes in
Regions: A, C, E
Divisions: 4, 5, 6, 8

STI – Region C

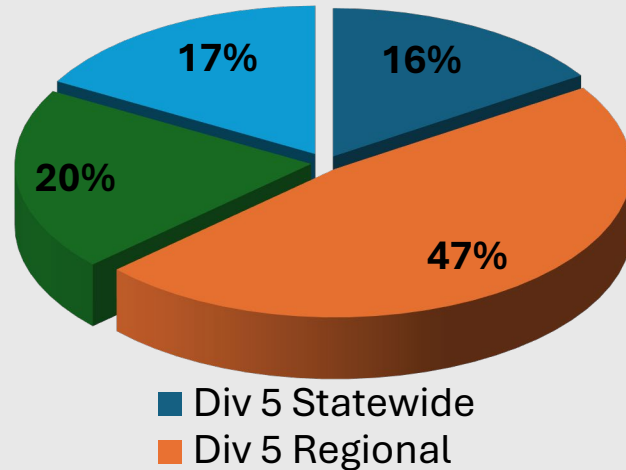
Projected 10-yr Funding: \$754,074,000

Roadway Projects: 190

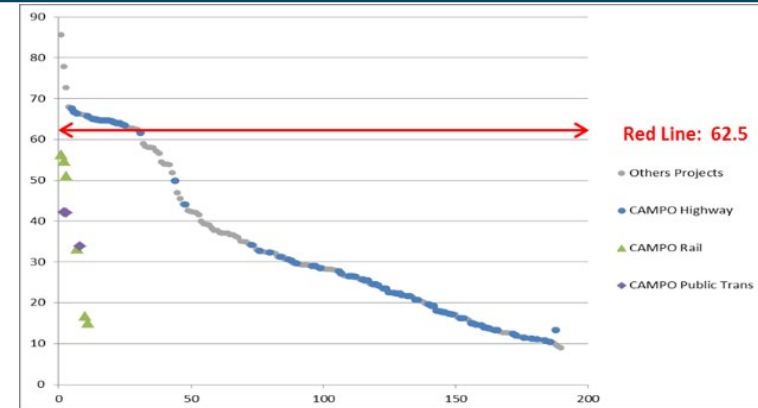
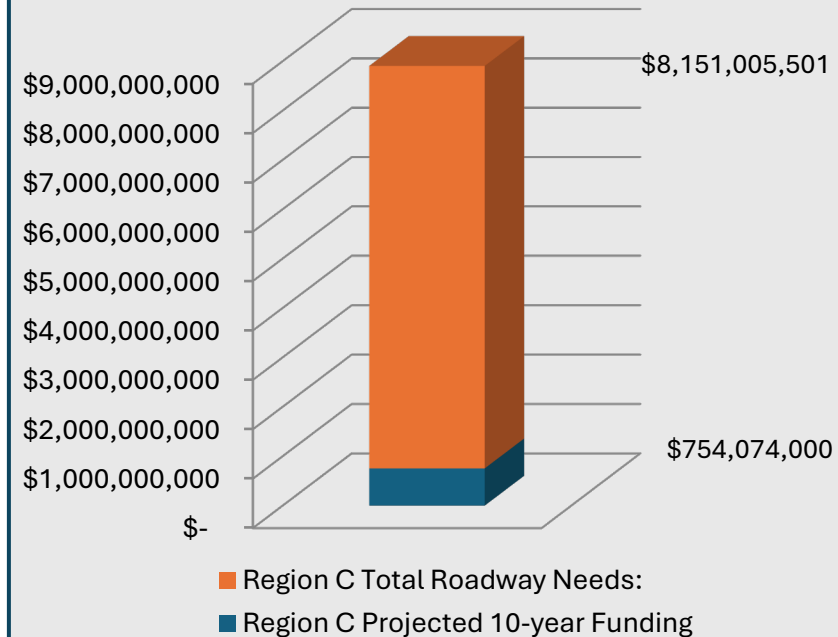
CAMPO Projects: 79

Potentially Competitive Projects: 21

Regional Impact Roadway Projects in Region



Projected Funding vs. Submitted Need
(Region C)



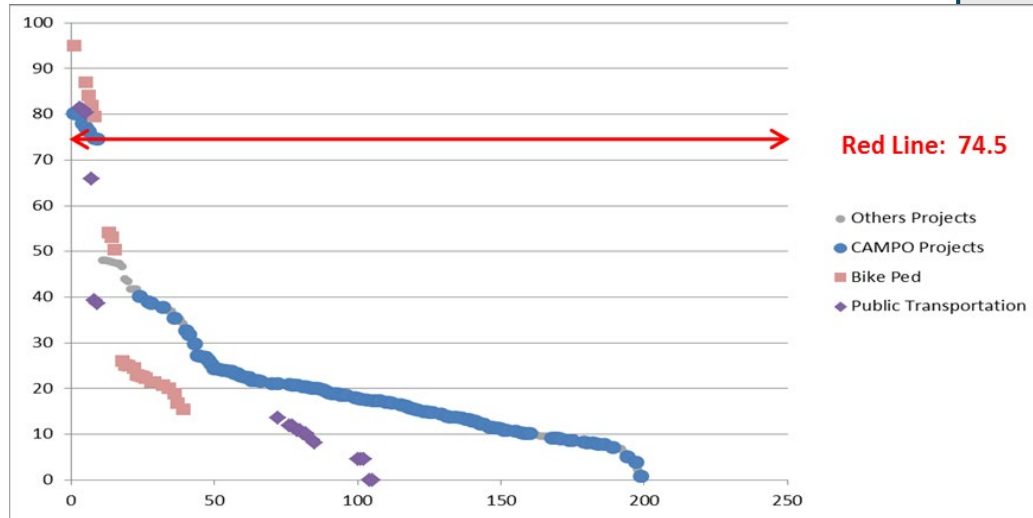
STI – Division 5

Projected 10-yr Funding: \$102,258,000

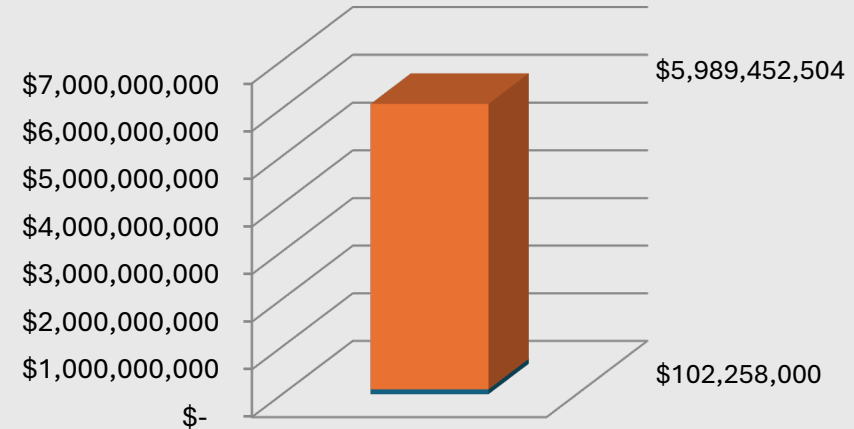
Roadway Projects: 177

CAMPO Projects: 99

Potentially Competitive Projects: 9



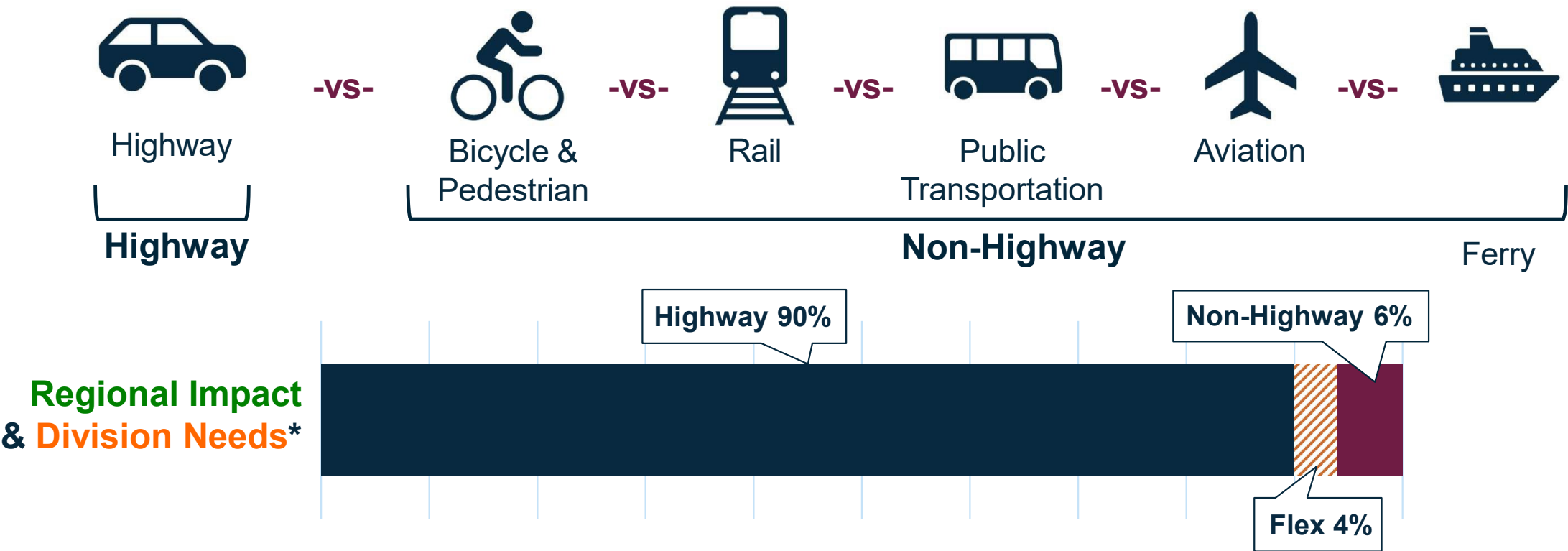
Projected Funding vs. Submitted Need (Division 5)



Division 5 Total Roadway Project Costs:

Division 5 Projected 10-year Funding

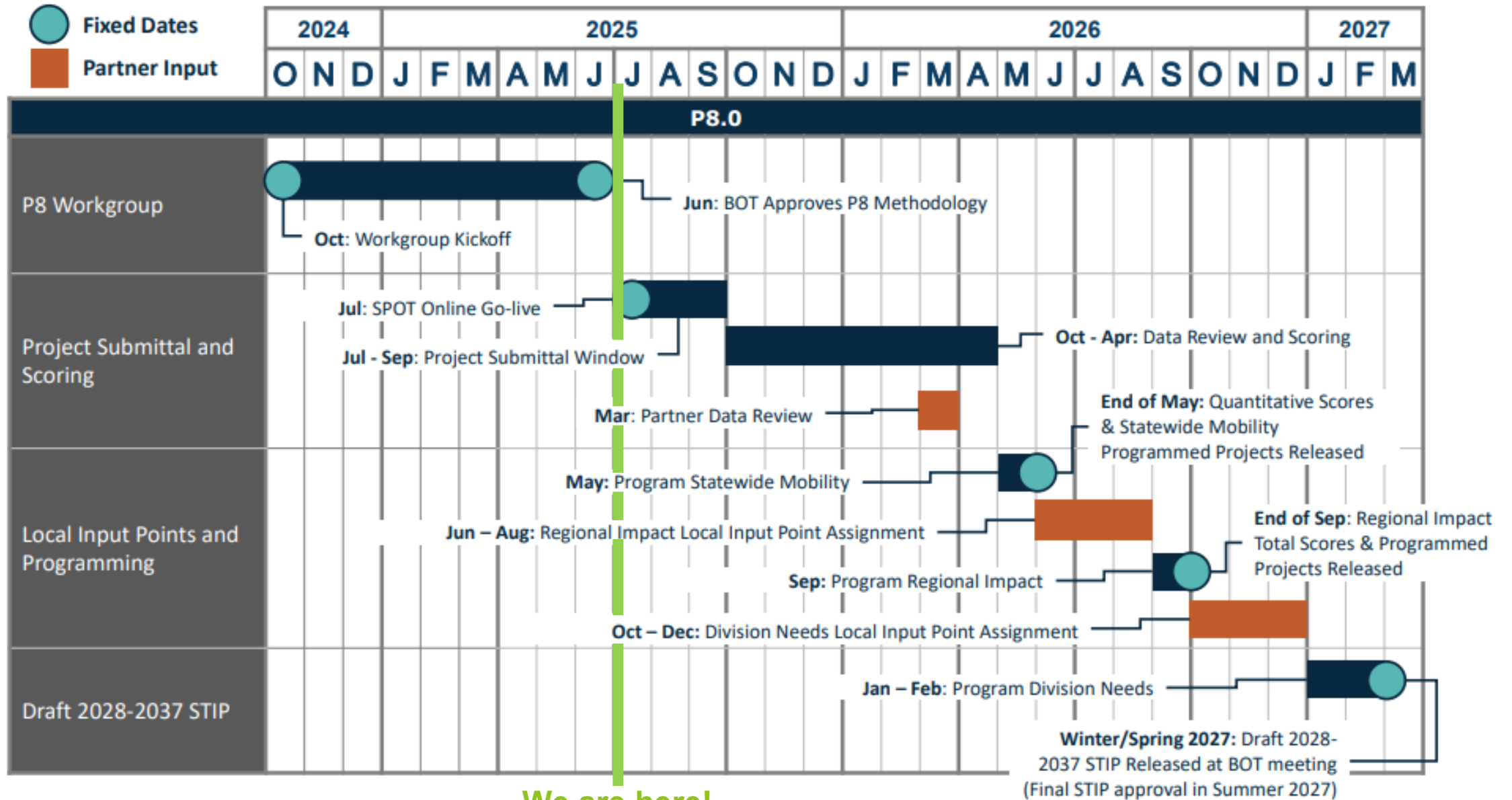
Recommended P7 Modal Allocation



**Statewide Mobility – No modal allocation, competition based only on quantitative scores*

P8 Schedule

October 2024



We are here!

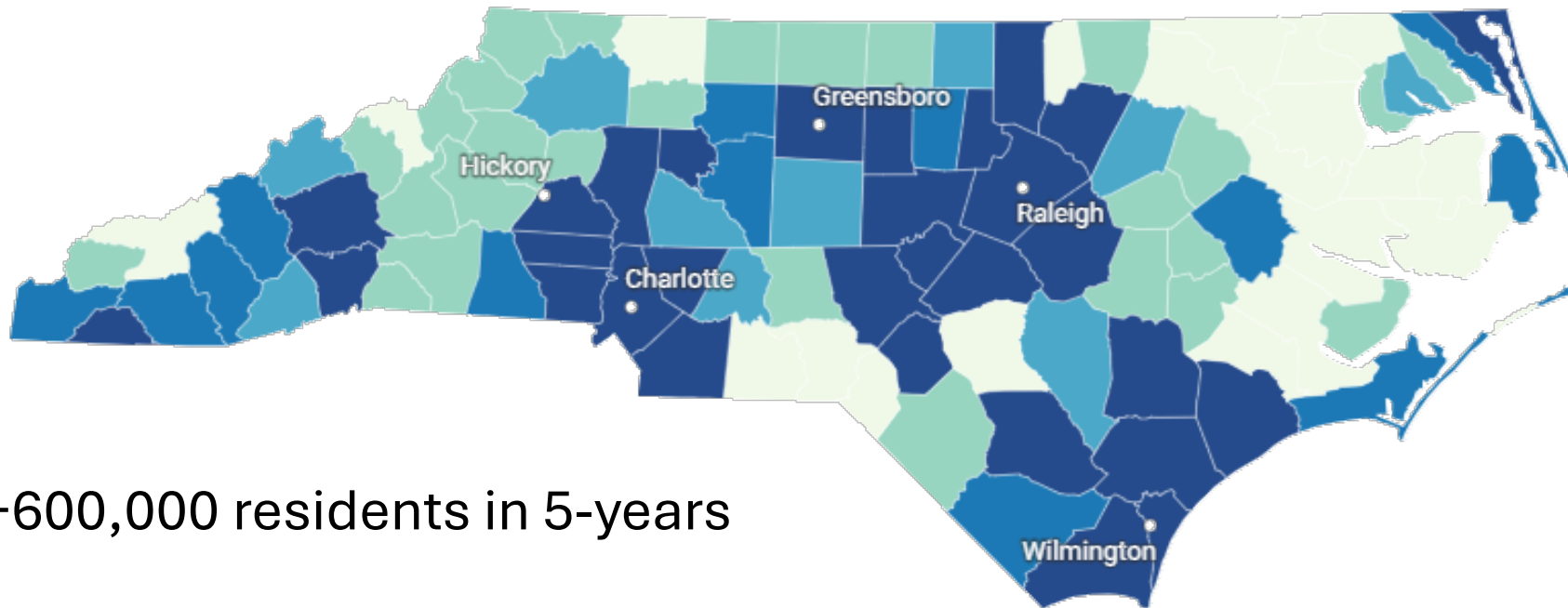
Key Takeaways

- Funding is limited (i.e., projects > funding)
- Projects take many years to design & construct
- Projects must be competitive within your region and project type “bucket”
 - Scoring projects for SPOT is critically important

NC is (still) Growing

Projected Population Change, 2025-30

■ < 0%
 ■ 0%-1%
 ■ 1%-3%
 ■ 3%-5%
 ■ ≥ 5%



+600,000 residents in 5-years

Source: NC OSBM Standard & Revised Population Estimates, Vintage 2023 & Population Projections, Vintage 2024 • Get the data • Created with Datawrapper

Home



FEBRUARY 3, 2025

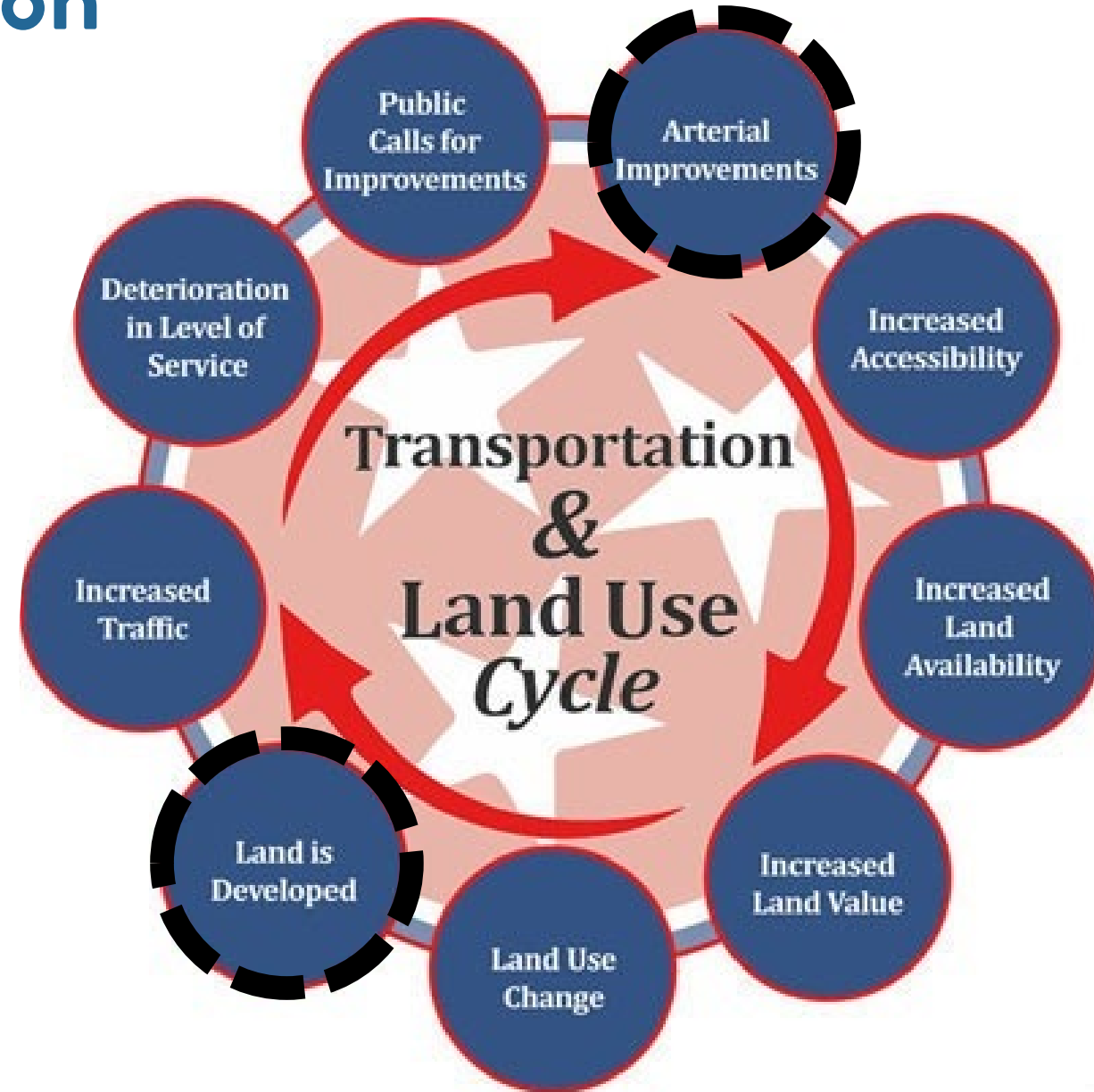
NC to Become 7th Most Populated State in Early 2030s

Seven Population Trends to Watch in North Carolina Over Next 10 Years

- Currently 11.1 M residents in 2025
- Projecting 11.7M residents by 2030
- Projecting 15.4M residents by 2060
 - +3.7M residents in 30-years

Land Use + Transportation Connection

- Growth is inevitable / necessary:
 - maintain transportation network
 - attract employment / commercial
 - improve quality of life for residents
- Reliance on single-occupied vehicles (SOVs) will stress the transportation system(s)
 - Daily commute (AM/PM peak)
 - Travel time increases / level-of-service
 - Crashes / safety considerations



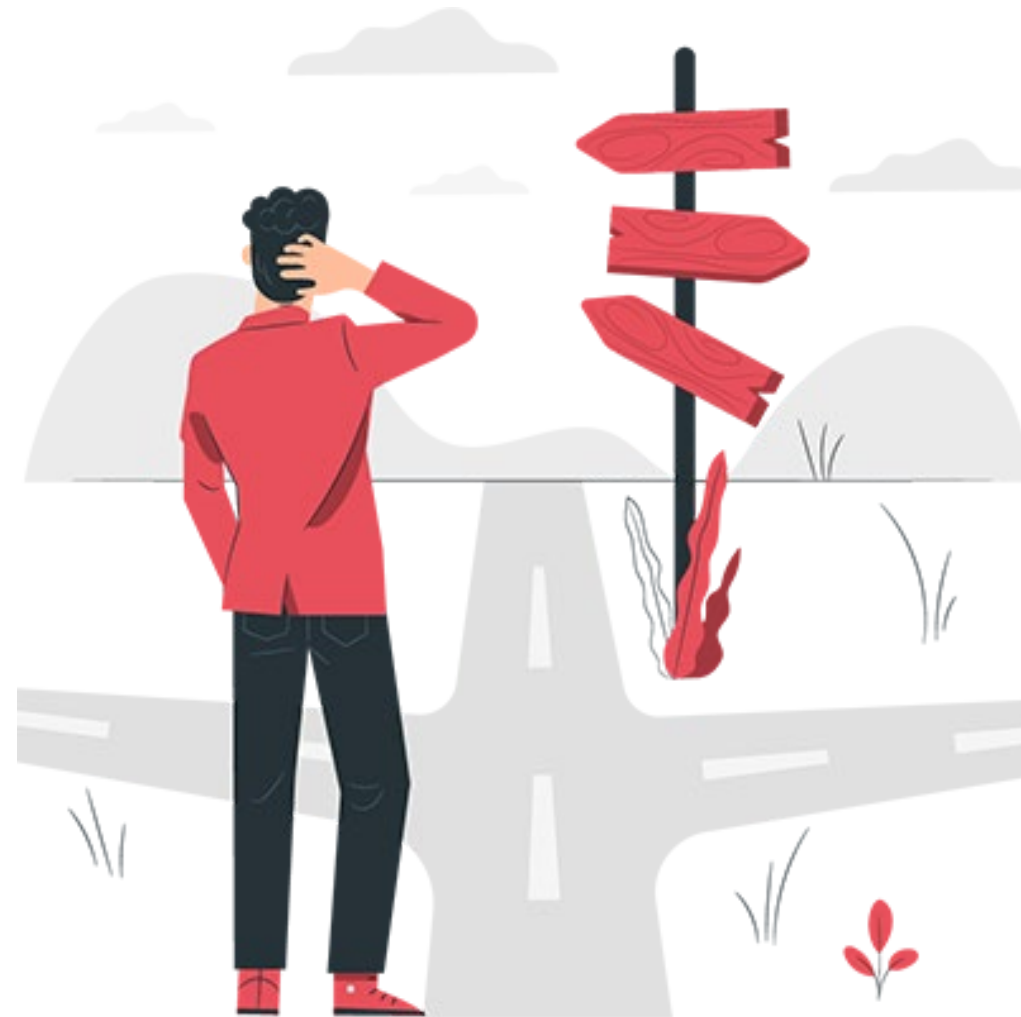
Land Use + Transportation Connection

- **Development pattern** influences our transportation demand
- **Dispersed development (sprawl)** spreads out transportation impacts and needs
- **Compact development (smart growth)** improves accessibility and walkability for all modes
- **Corridor-based growth** takes advantage of existing and planned transportation facilities



Key Takeaways

- North Carolina is still growing and much of that growth will happen in this region
- Guiding development influences land use + transportation
- This project will model different growth scenarios to 'test' outcomes
 - “We plan in pencil... not pen!” = things change



Environmental and Utility Constraints



**North
Falls Lake**
AREA STUDY



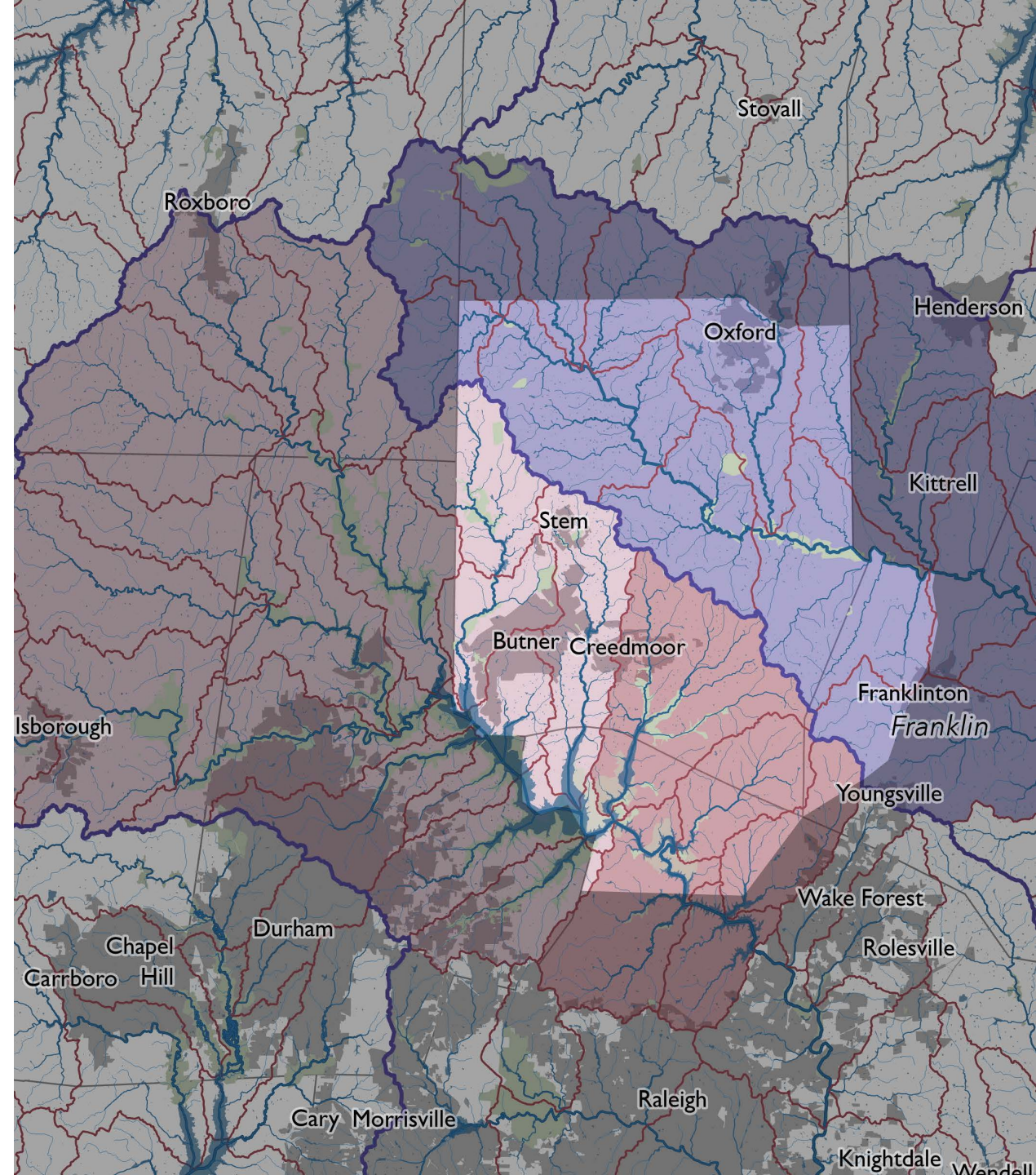
Preliminary Environmental Review

- Falls Lake Nutrient Strategy
- Tar-Pamlico Nutrient Strategy
- Nitrogen and Phosphorus Rules
- All water and sewer providers must comply with these strategies

Falls Lake Area Study Watersheds

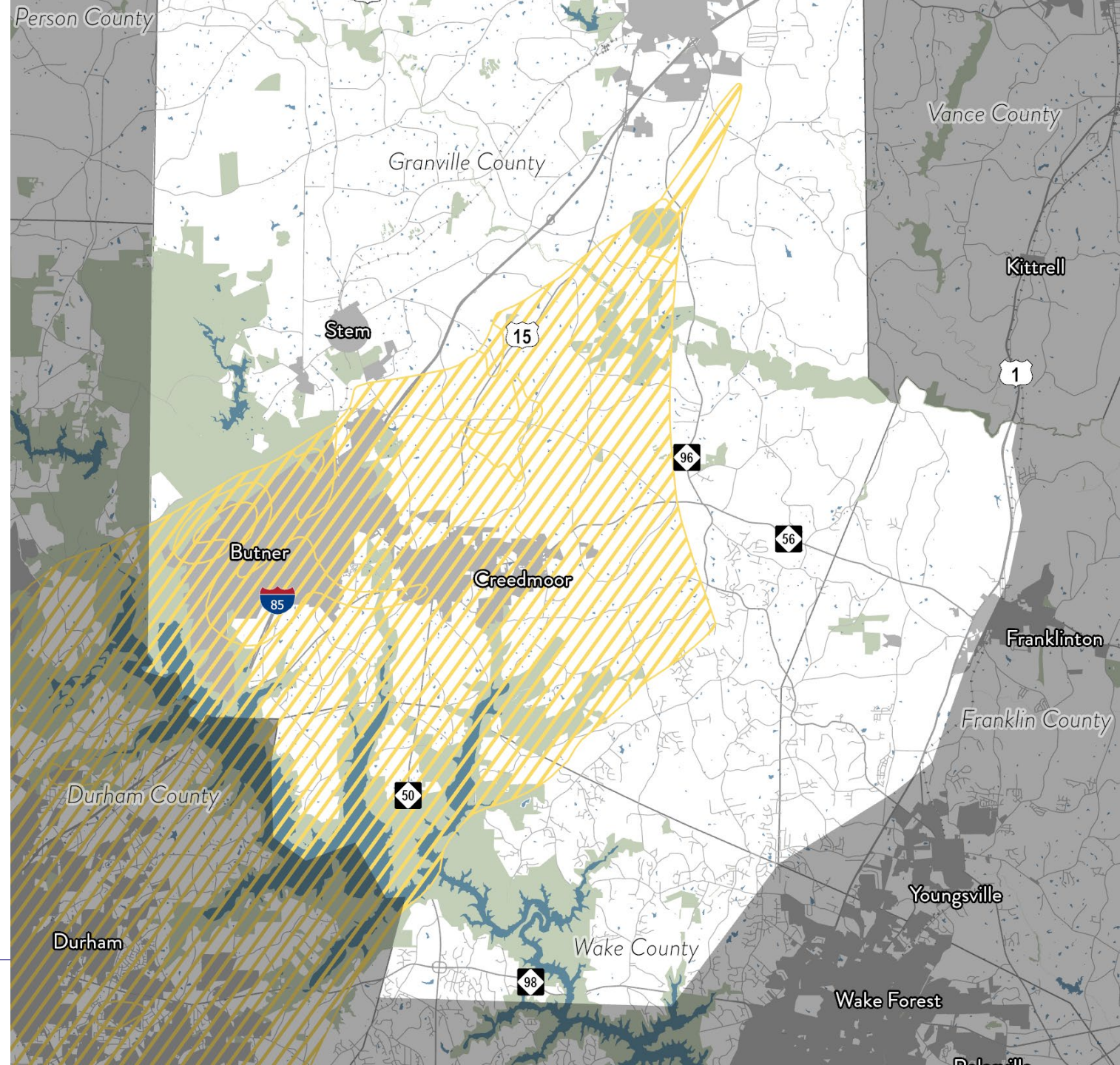


Source: ESRI, NCDOT, NCDNR, USFW, CAMPO



Water Supply

- Triassic Soils



Triassic Basin

Triassic Basins

Railroads

Source: ESRI, NCDOT, NCDNR, USFW, NRCS, NCDEQ, CAMPO, USGS

Roads

Protected Lands

Waterbodies

Municipal Boundary

County Boundaries

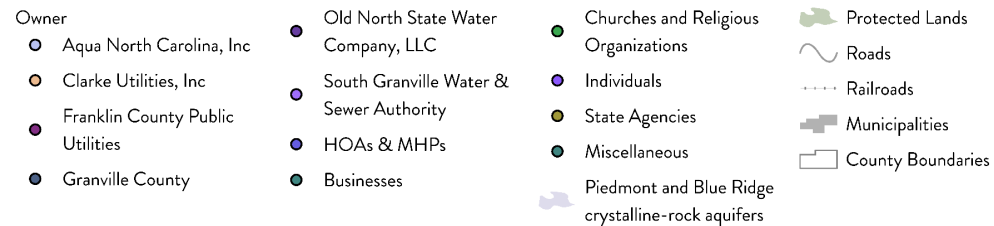
0 3 Miles



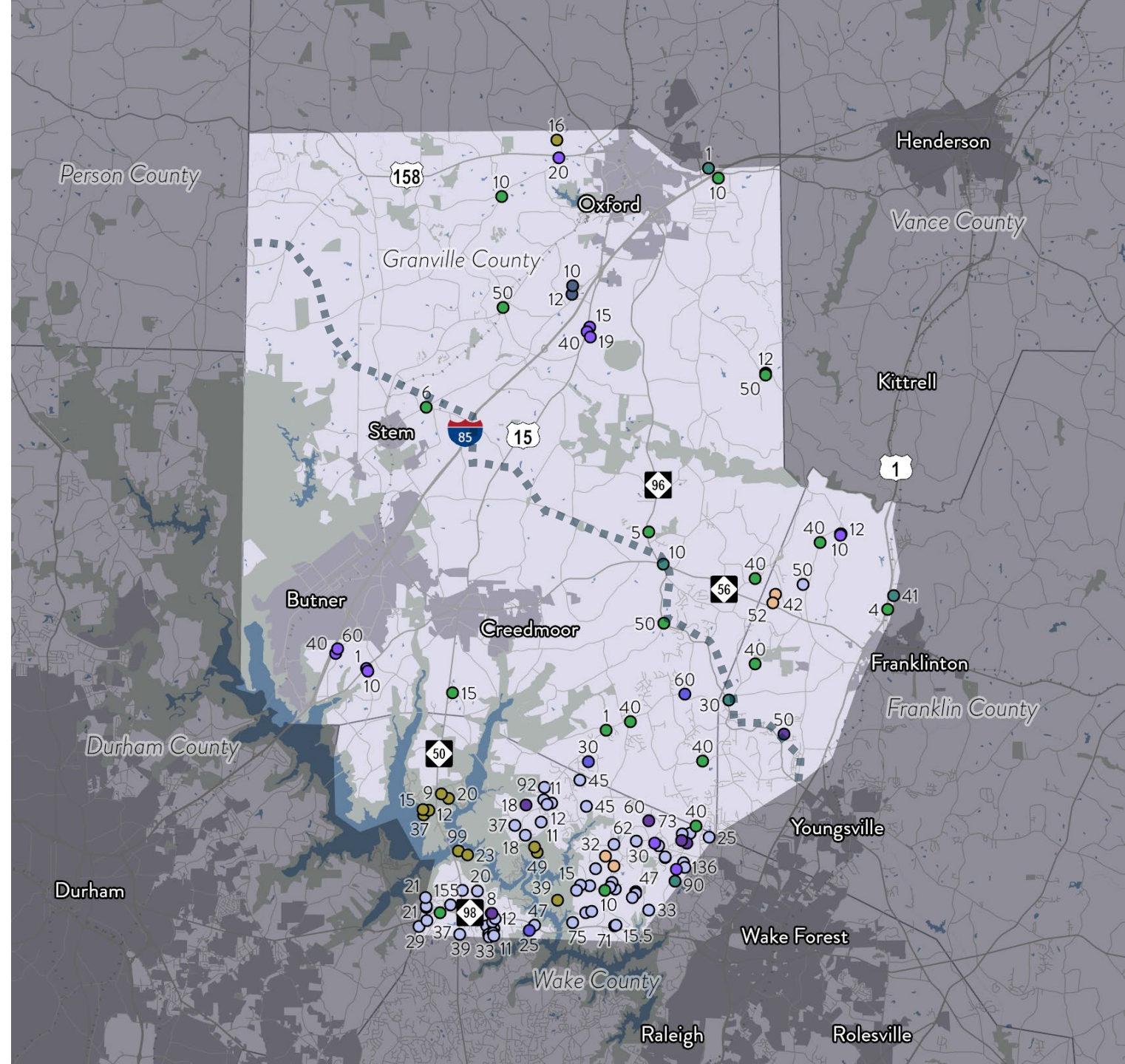
Water Supply

- Triassic Soils
- Groundwater Capacity

Wells, Aquifers, and Production Capacity



Source: ESRI, NCDOT, NCDNR, USFWS, CAMPO



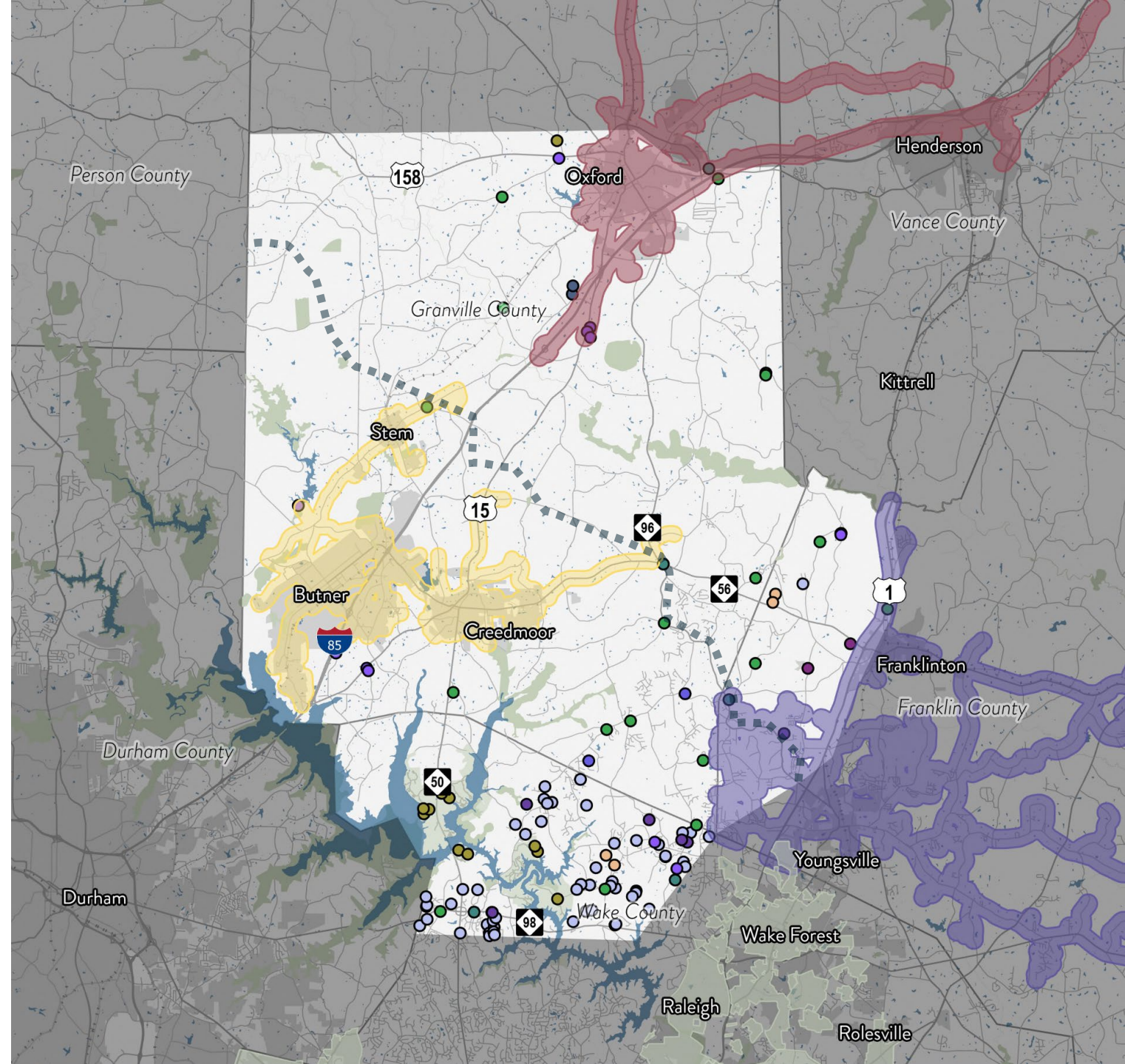
Water Supply

- Triassic Soils
- **Groundwater Capacity**
- Existing water suppliers
 - Surface water
 - Groundwater
 - Interbasin Transfer challenges

Water Service Providers and Public Water Supply Sources

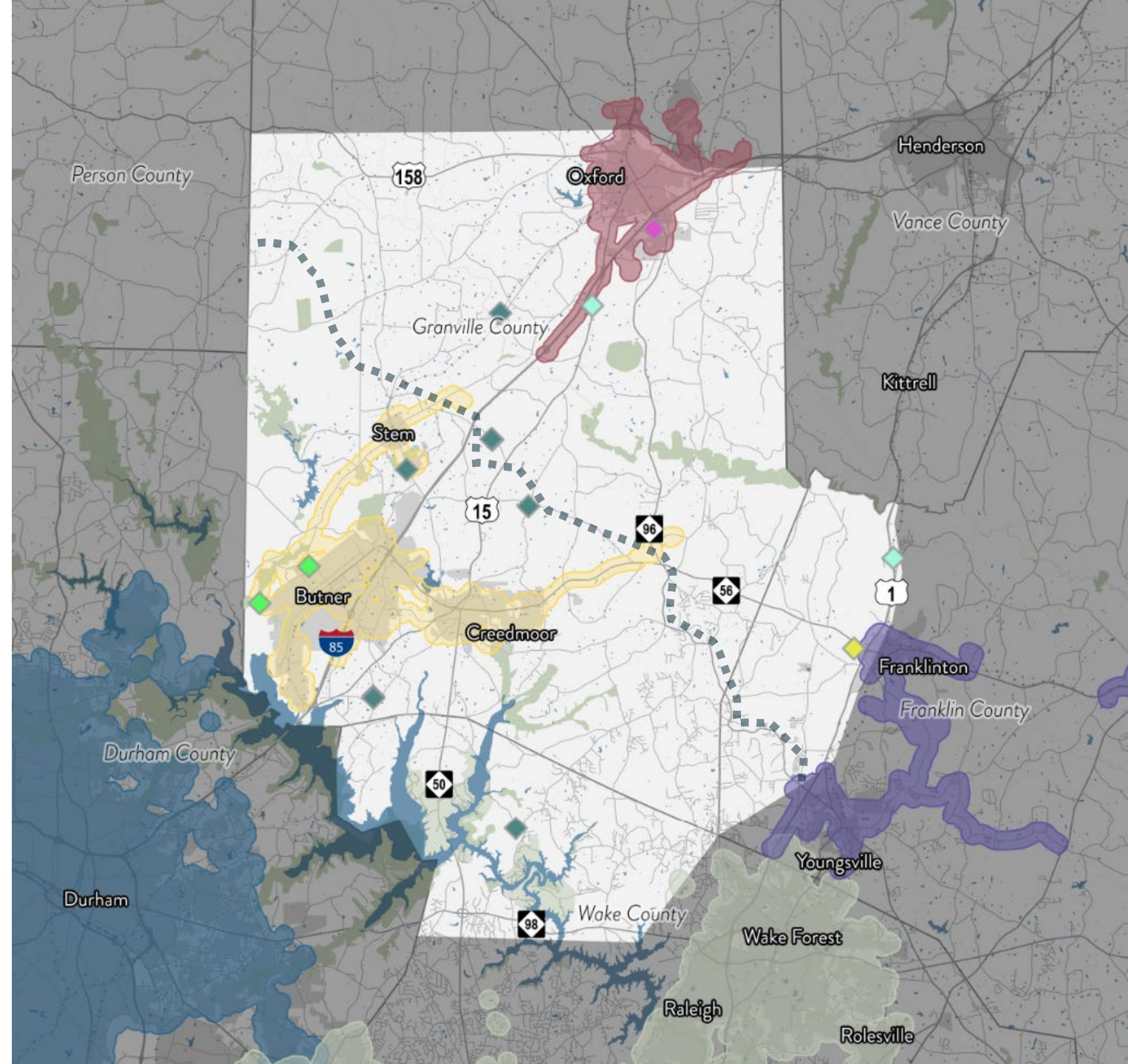


Source: ESRI, NCDOT, NCDNR, USFW, CAMPO, Wake County, Granville County, Franklin County, SGWASA



Sanitary Sewer

- Existing sanitary sewer treatment providers
 - Impacts of Nutrient Strategies
 - Nitrogen and Phosphorus
- Regional systems
 - Septic (drain field/storage)
 - Land application
 - Package plants



Sewer Service Providers and NPDES Wastewater Discharge Permits

Owner	Individuals	Railroads
City of Oxford	Oxford	Roads
Franklin County Public Utilities	Durham County	Protected Lands
South Granville Water & Sewer Authority	Wake County	Waterbodies
Businesses	SGWASA	Municipalities
	Franklin County	County Boundaries

Key Takeaways

- Two watersheds with different management regulations
- Soil types have influenced water supply and therefore limits development
- Utility planning will be key to supporting future communities

Land Use Visions

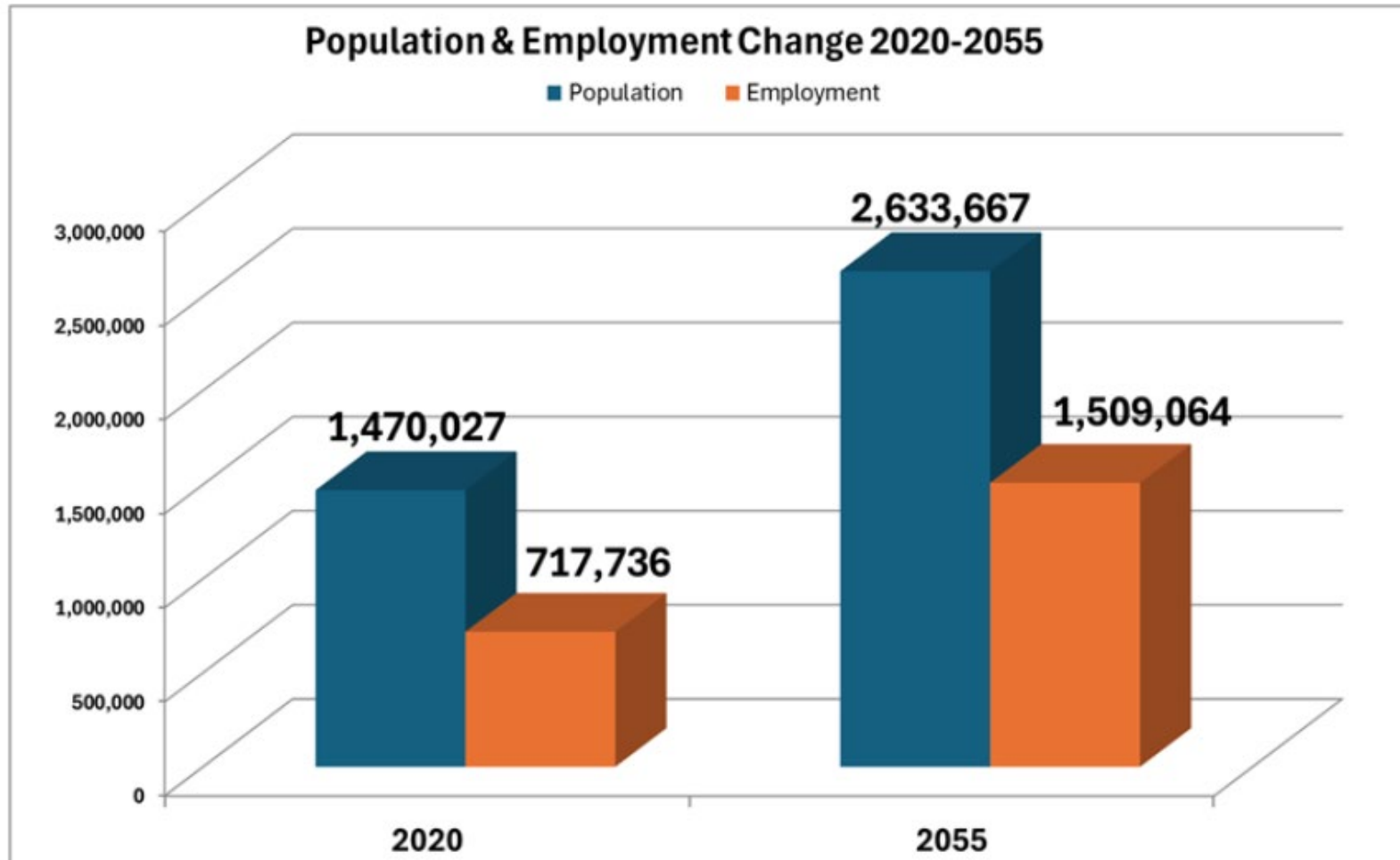


**North
Falls Lake**
AREA STUDY



Looking Forward

Regional Growth



Looking Forward

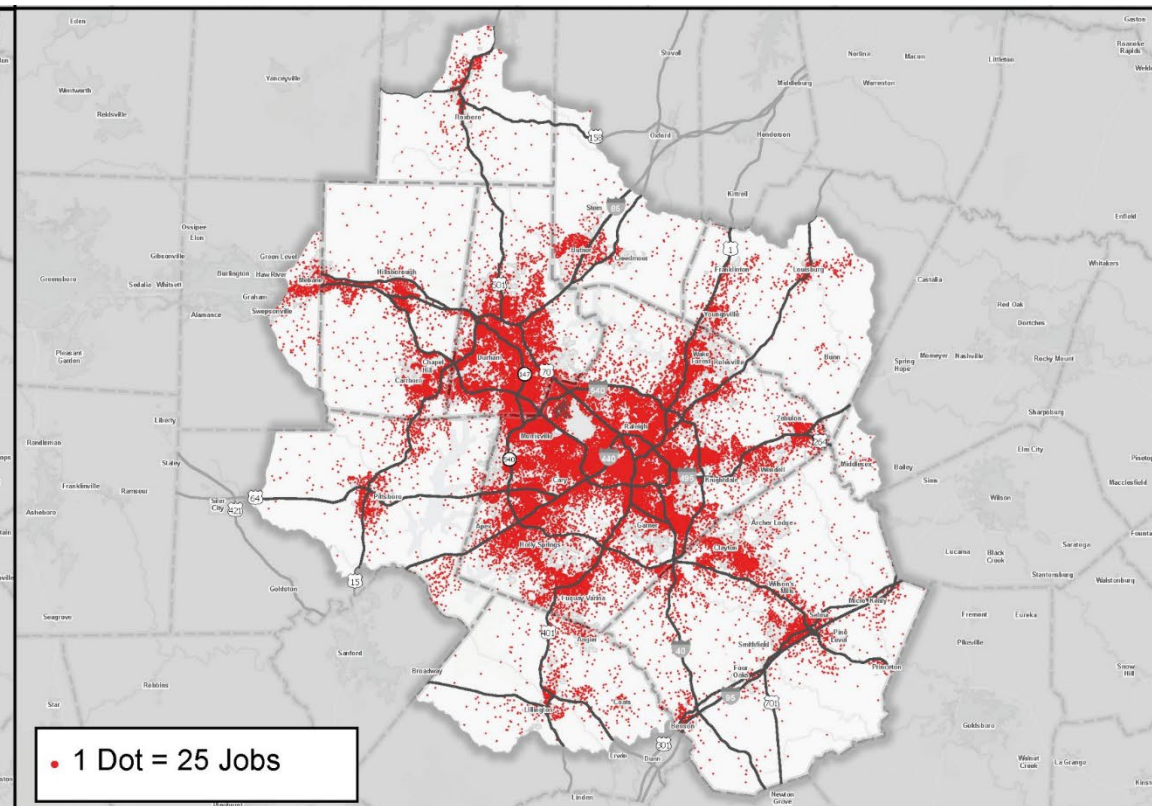
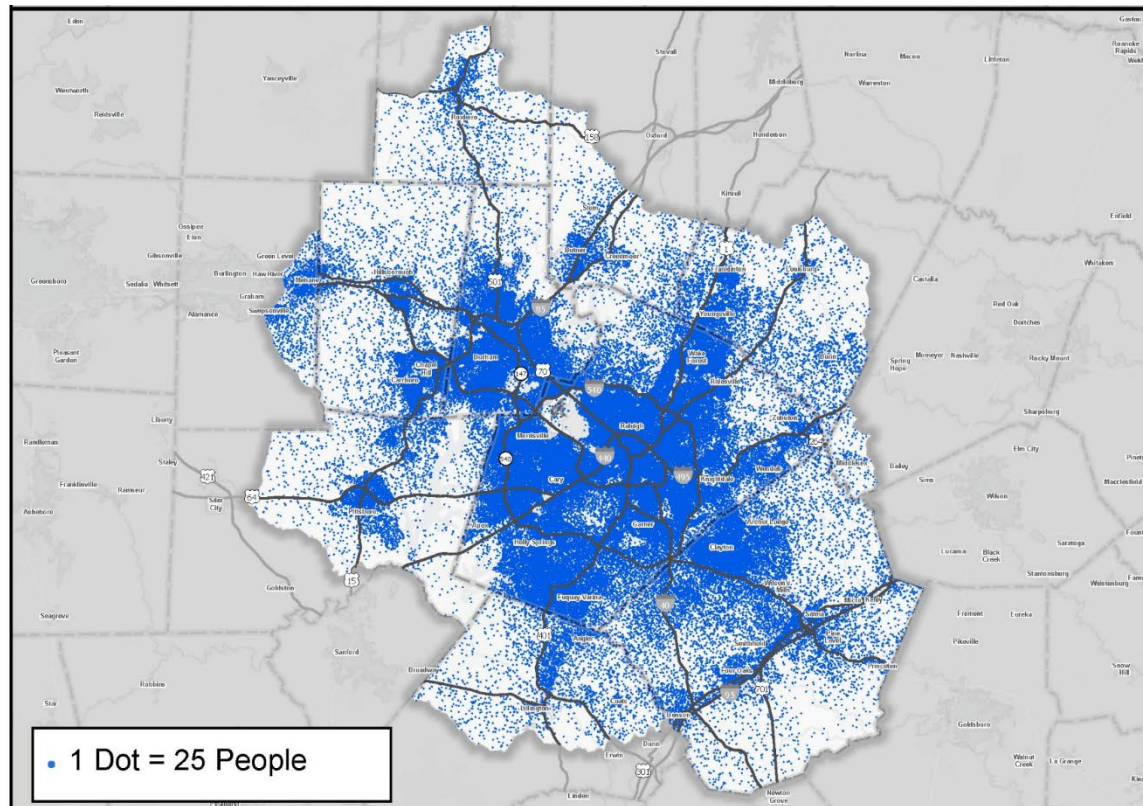
12,000 New homes

6,000 New Jobs *expected in the NFLAS Study Area between 2025 and 2055*

2055

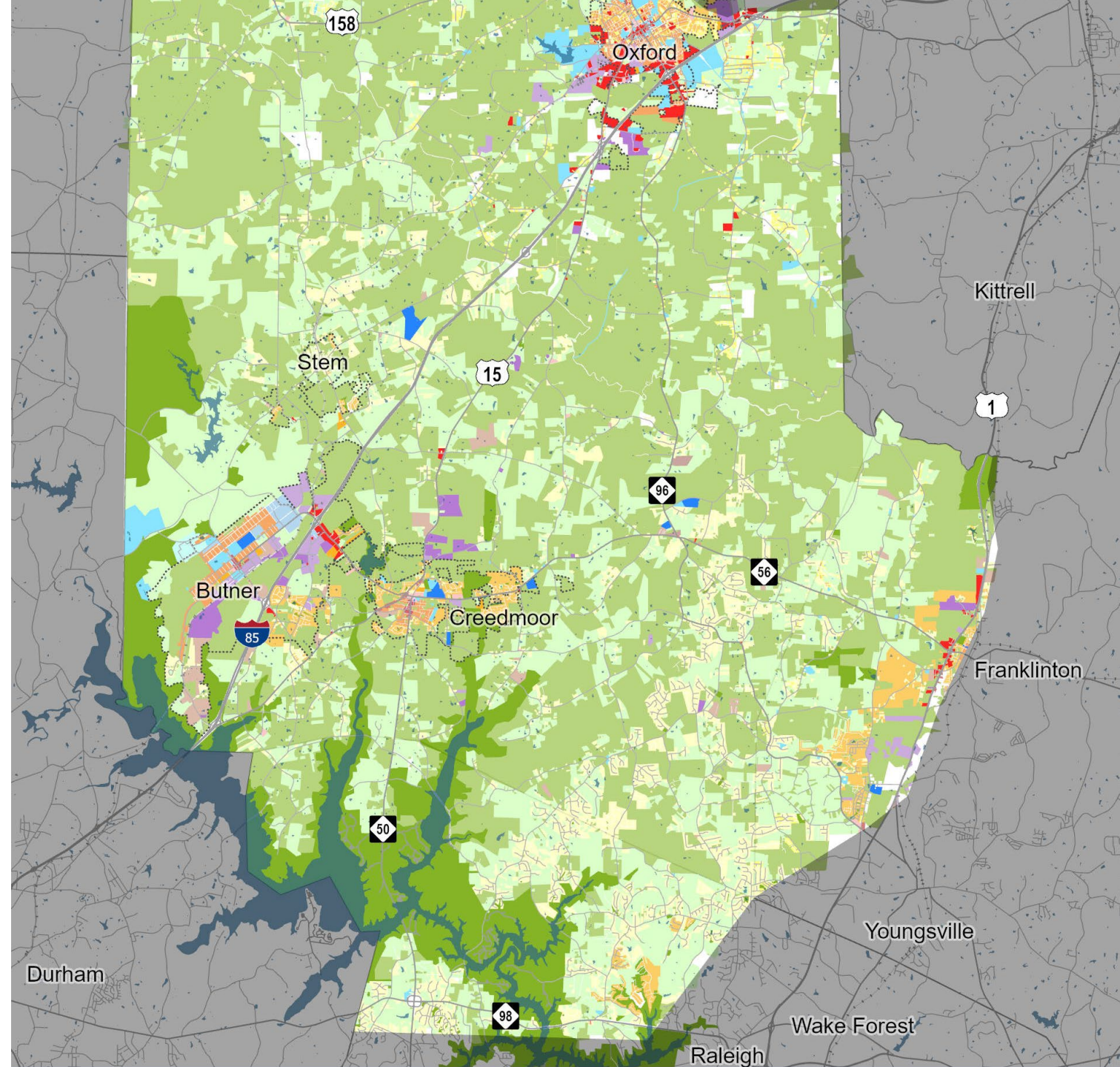


0 10 Miles



Existing Land Use

2025 Placetype Estimate



2025 Existing Land Use

MTP_2055_AT_Parcel_FrGrNa

Place Type - 2055 PT Scenario

- Protected Green Space (POS)
- Farms and Forest (FF)
- Rural Living (RL)
- Larger-Lot Residential Neighborhood (LLRN)
- Mobile Home Neighborhood (MHP)

Mid-sized Lot Residential Neighborhood (MLRN)

Smaller Lot Residential Neighborhood (SLRN)

Urban Neighborhood (UN)

Mixed Density Residential Neighborhood (MRN)

Mixed-Use Neighborhood (MUN)

Multifamily Residential Neighborhood (MFRN)

Health Care Campus (HCC)

Civic and Institutional (CIV)

K-12 Education (K-12)

Office Center (OC)

Rural Crossroads (RCR)

Neighborhood Commercial Center (NCC)

Mixed Use Center (MUC)

Town Center (TC)

Community Commercial (CCC)

Light Industrial Center (LIC)

Heavy Industrial Center (HIC)

Health Care Campus (HCC)

Civic and Institutional (CIV)

K-12 Education (K-12)

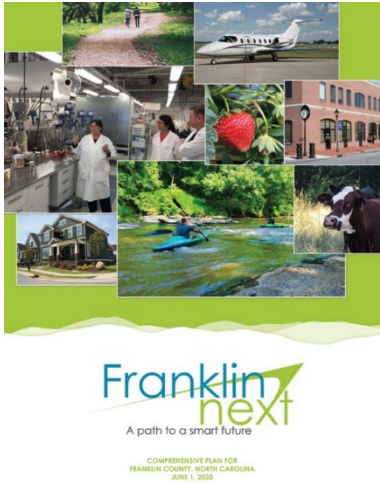
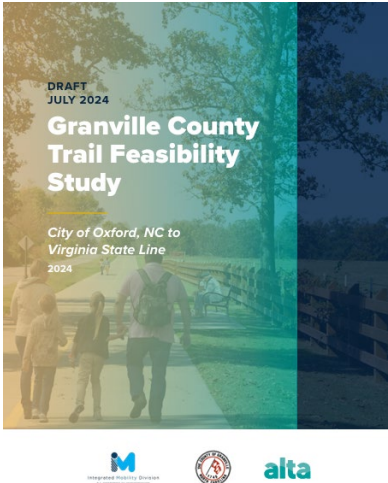
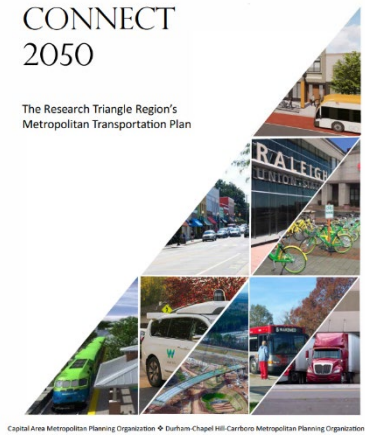
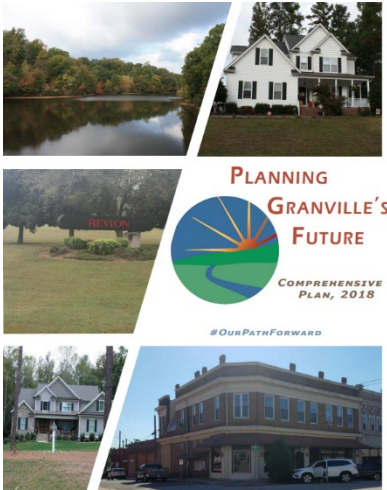
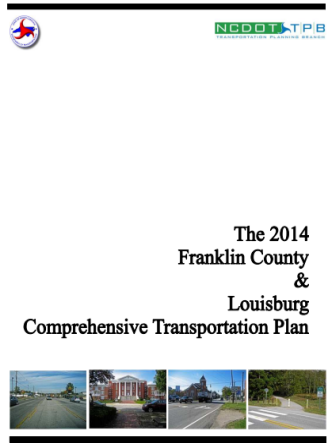
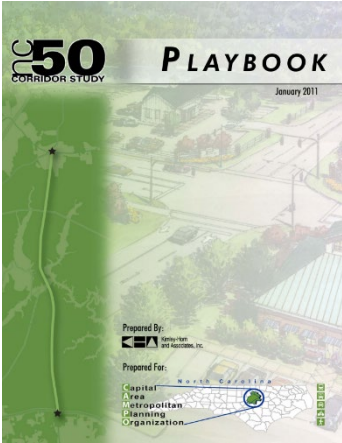
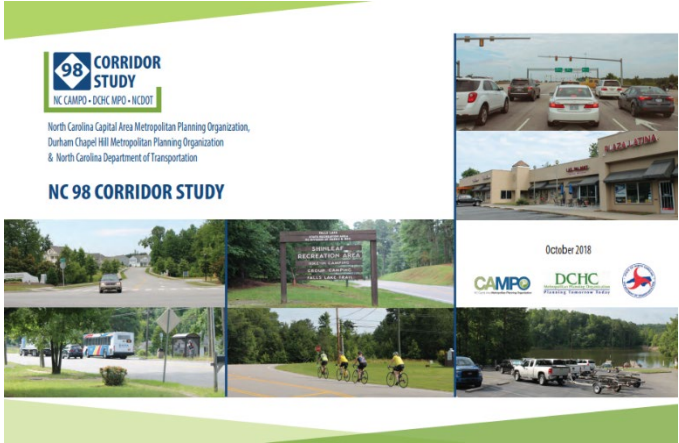
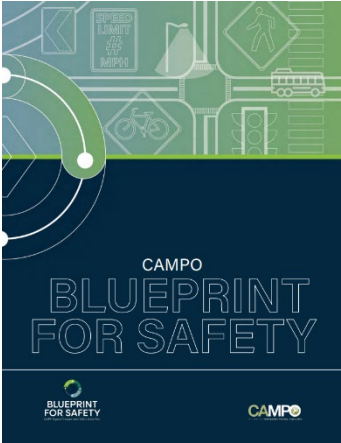
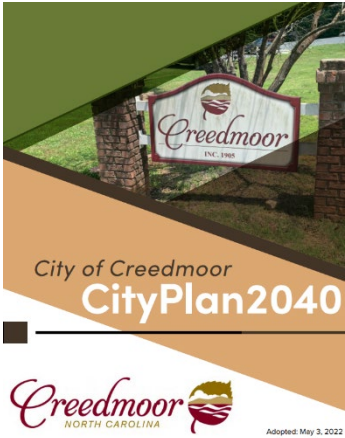
Office Center (OC)

Rural Crossroads (RCR)

0 4 Miles



Previous Plans



Previous Plans

Municipal Plans

- Oxford Comprehensive Land Use Plan
- Oxford Safe Streets Action Plan
- Creedmoor CityPlan2040 (Comprehensive Plan)
- Butner Gateway Plan and 2040 Comp Plan
- Stem Town Plan 2040
- Franklinton Comprehensive Plan

Corridor Studies

- US 1, NC 50, NC 56, NC 98 Corridor Studies
- I-85 Future Interchange Location Analysis
- East Coast Greenway Alignment Feasibility

County Plans

- Granville, Wake, and Franklin County Comprehensive Plans
- Granville, Wake, and Franklin County Comprehensive Transportation Plans
Granville County Trail Feasibility Study

Regional Plans

- 2050 CTP and MTP
- Blueprint for Safety SS4A Plan
- NCDOT STIP
- Utilities' CIPs

Local Planning Themes



Land Use

- Update Zoning Ordinance (8 mentions)
- Preserve Natural Areas (7 mentions)
- Coordinate w/ Neighboring Jurisdictions (6 mentions)



Transportation

- Expand Multimodal Transportation (6 mentions)
- Improve Pedestrian Infrastructure (5 mentions)



Housing

- Increase Housing Diversity / Affordability (6 mentions)
- Maintain Existing Housing Stock (4 mentions)



Economic Development

- Support Local Businesses (5 mentions)
- Targeted Economic Development (5 mentions)



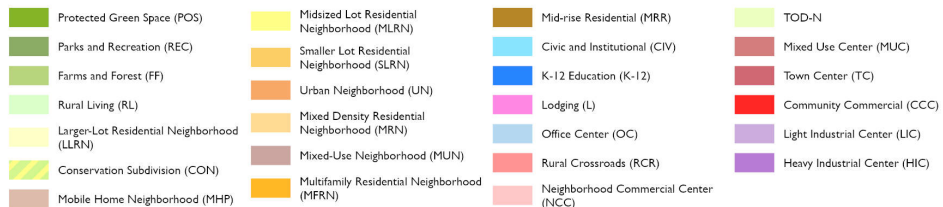
Parks & Recreation

- Expand Trail Connections (7 mentions)
- Access to Parks & Open Space (6 mentions)

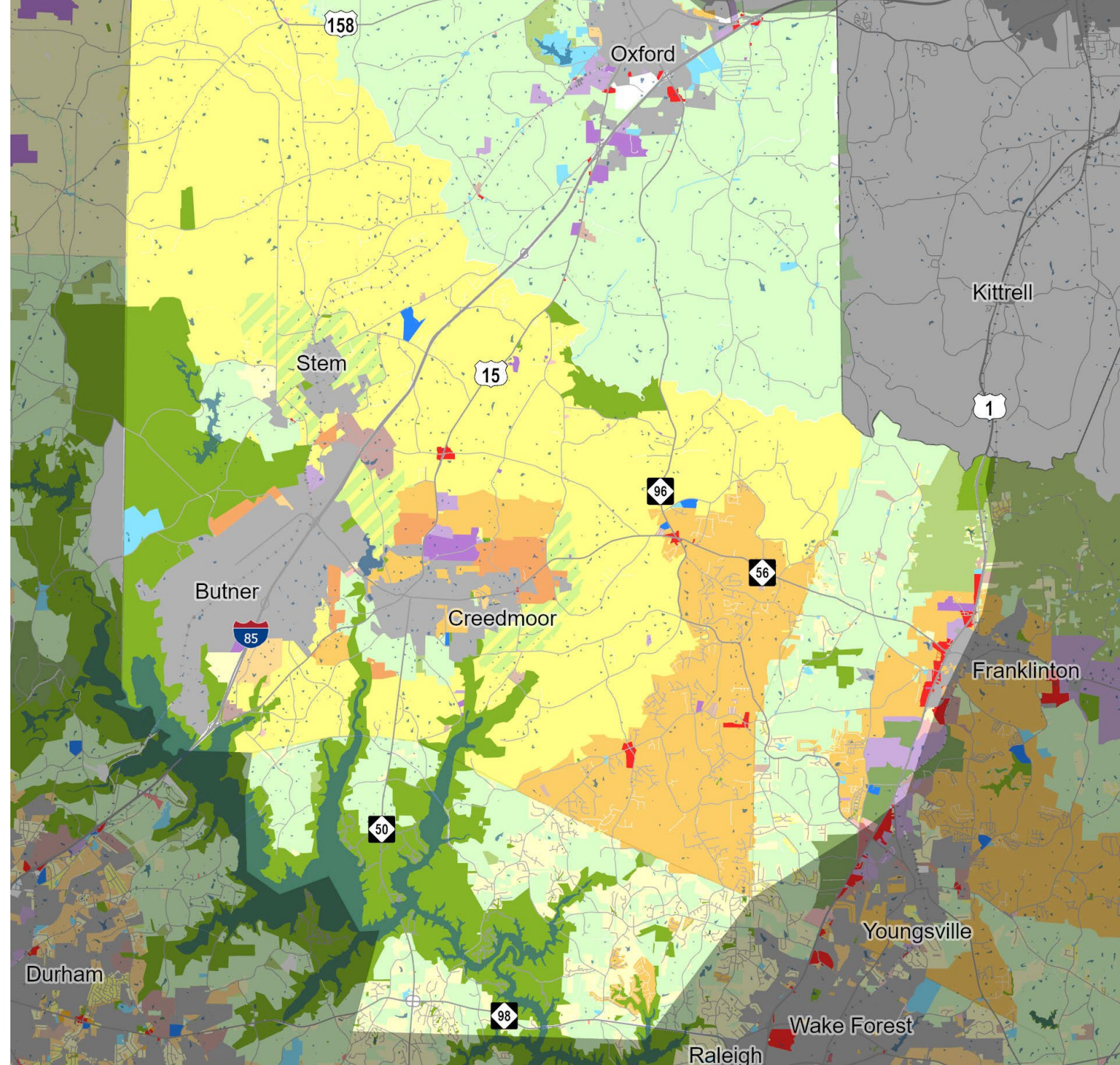
Future Land Use

2055 All Together Scenario Placetypes

Placetypes



0 4 Miles

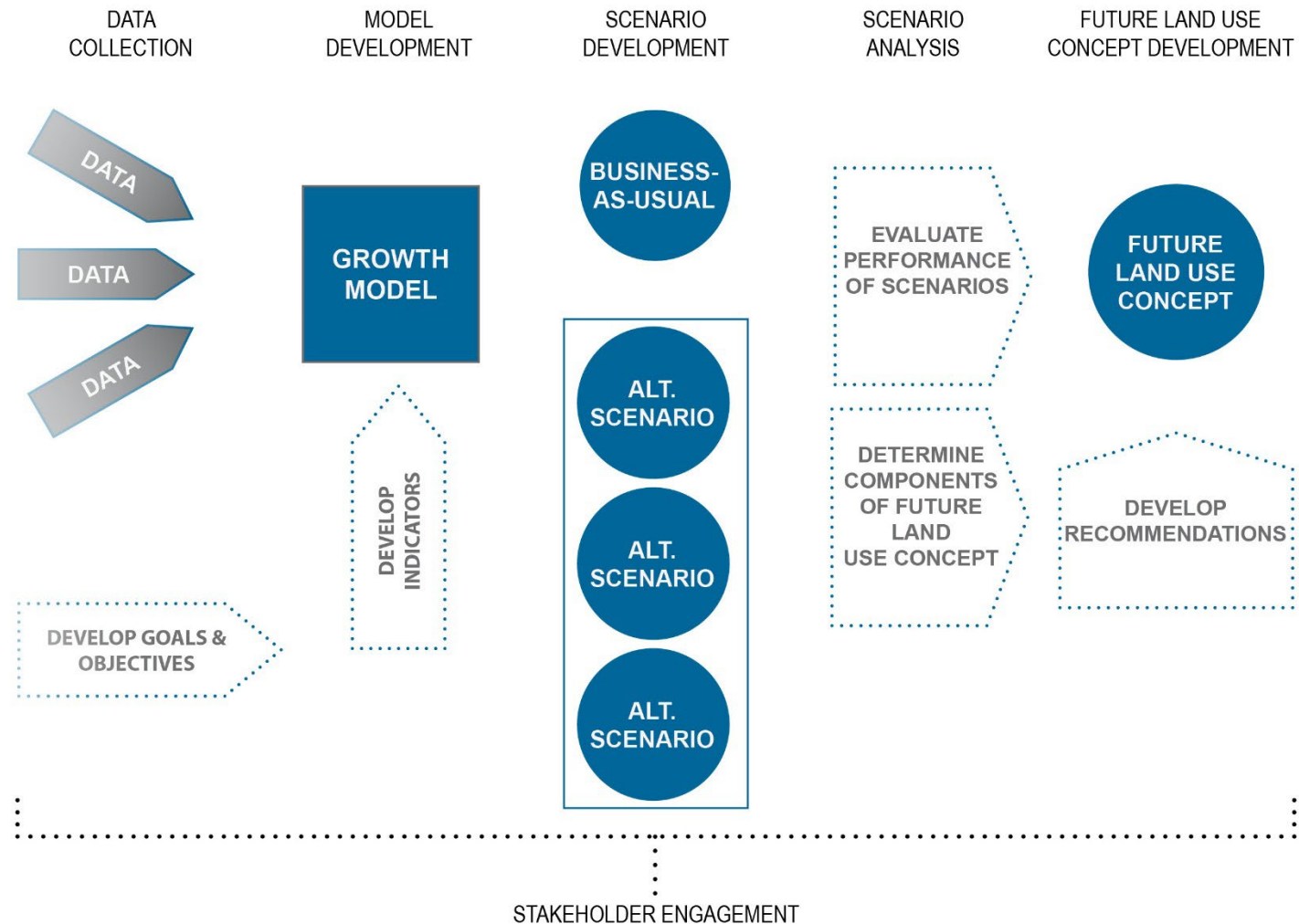


Issues and Ideas

- *Residential transect issues → density in southeast Granville county leading to conflicts, environmental and transportation concerns*
- *Franklin and Wake County– Lower density than rural Granville*
- *Mixed-use areas not well defined in some areas (i.e. Butner example)*
- *Need and potential for job recruitment / economic development to balance tax base and provide local job options*
- *Environmental impacts / water quality is a concern near Falls Lake*
- *Franklinton – Corridor based growth*
- *Not clear consensus on new centers / rural centers and vision*



Scenario Planning



Scenario Ideas

BAU

Business As Usual

- *Plans and trends*

EG

Economic Growth

- *Emphasis on economic growth and new job and commercial / mixed-use centers*

ST

Strong Towns

- *Compact development around towns*

WP

Watershed Protection

- *Watershed and environmental protection focus*

Land Use Tools

- **Zoning** (*dimensional standards, permitted uses, site design / supplemental standards, approval processes*) → defines *WHERE* and how easy land uses locate
- **Policies and incentives** → *influences land use suitability*
- **Infrastructure investment** → *changes feasibility and suitability*
- **Downzoning and disincentives** → *recently complicated by SB 382 although exemptions are pending and work arounds will evolve*

Priorities and Vision Discussion



**North
Falls Lake**
AREA STUDY



Next Steps

- We expect to reconvene this Elected Officials Committee in **February 2026**
- **Public Visioning** activities expected to occur throughout the area in **late August through September**

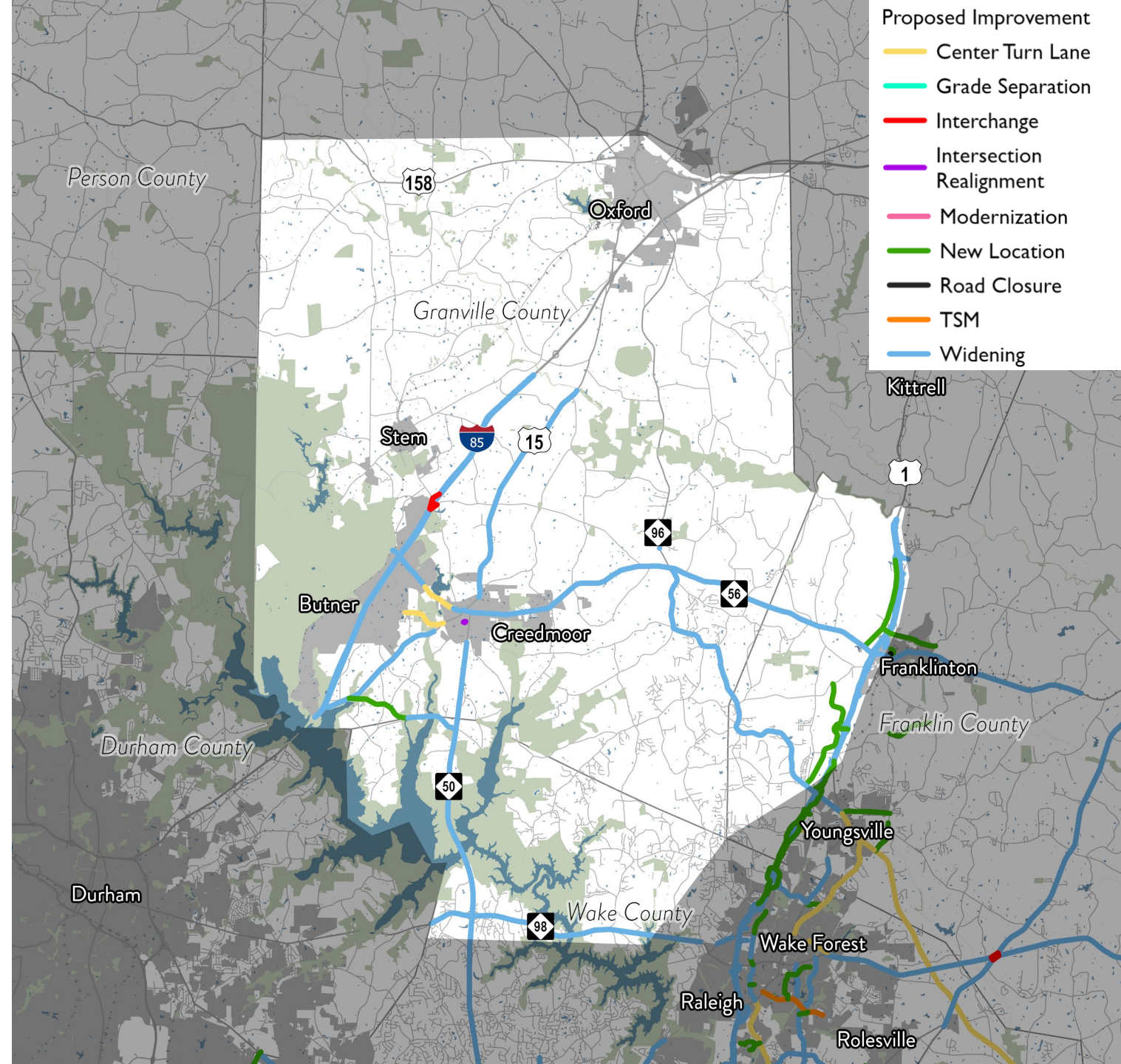
Planned Transportation Improvements

Mid-Term

Proposed
(CTP 2070+)

Planned
(MTP 2055)

Programmed
(STIP 2026-2035)



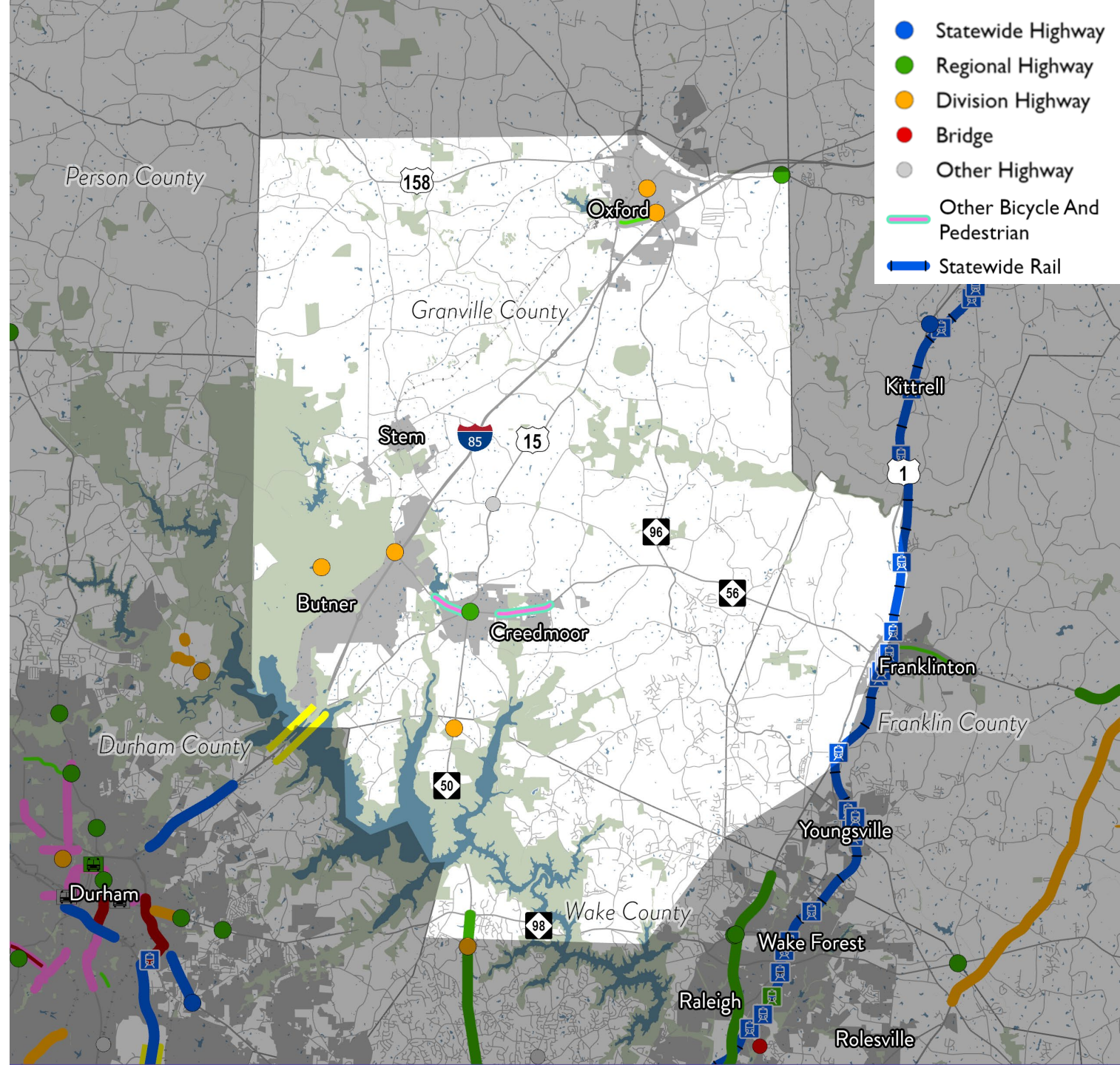
Planned Transportation Improvements

Proposed
(CTP 2070+)

Planned
(MTP 2055)

Programmed
(STIP 2026-2035)

Near-Term



NCDOT STIP 2026-2035 Modal Breakdown

(Percentage of 1,511 Projects)

