



SOUTH CHARLOTTE  
**PARTNERS**

# Regional Transportation Summit



Mercedes-Benz  
of South Charlotte

## Welcome and Introductions



**Victoria Nwasike**  
South Charlotte Partners Board Chair



**Chris Hummer**  
President/Southern Division Atrium  
Health Pineville



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PARTNERS

South Charlotte Partners

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SOUTH CHARLOTTE  
**PARTNERS**

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### ***Mission Statement***

To be a unified voice for the interests of South Charlotte through advocacy, leadership, and collaboration.

### ***Vision***

To assist in promoting and maintaining the area's quality of life as being a premier destination to live, work, and play.





## Priorities



## Areas of Interest





## TRANSPORTATION

### Bryant Farms Rd. Extension

- Advancement of \$20 Million project
- Area East / West Connectivity

### Sidewalks & Intersections

- Allocation of \$5 Million in Last Budget
- Safety & Mobility





## TRANSPORTATION

### Area Road Widening Funding

- Lancaster Highway ( 2 Projects)
- Ballantyne Commons
- Ardrey Kell Road (2 Projects)



LOCAL  
ROADS



## TRANSPORTATION

### I-485 Lane Project

- Advancement of \$200+ Million Project
- Connectivity, Area Road Improvements

### Light Rail Extension

- Consideration of Light Rail to Ballantyne Area



REGIONAL  
PROJECTS



SOUTH CHARLOTTE  
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Ballantyne Breakfast Club

**Area  
Advocacy**

Planning &  
Zoning

Transportation

Education

Neighborhoods

Community  
Safety

Parks &  
Recreation

Cultural  
Facilities

**Community  
Engagement**





SOUTH CHARLOTTE  
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## Board Members

Victoria Nwasike, Chair

Greg Duckworth

David Huss

Vinay Patel

Stephen Rosenburgh

Wil Brooks

Tracy Faulkner Hill

Roy Lindland

Michael Salamone

Jim Vivian

## Board Advisors

Ned Curran (General)

Taiwo Jaiyeoba (Planning)

Lt. John Kitchen (Police)

Alicia Campbell (Health)

Batt. Chf. Phil Bosche (Fire)

Ray Eschert (Community)



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[www.SouthCharlottePartners.org](http://www.SouthCharlottePartners.org)



## Welcome and Introductions



**Victoria Nwasike**  
**South Charlotte Partners Board Chair**



**Chris Hummer**  
**President/Southern Division Atrium  
Health Pineville**



# Area Growth and Development Statistics

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**Antony Burton**

Vice President Business Analytics & Data  
Charlotte Regional Business Alliance



CHARLOTTE  
REGIONAL BUSINESS  
ALLIANCE

# THE CHARLOTTE REGION

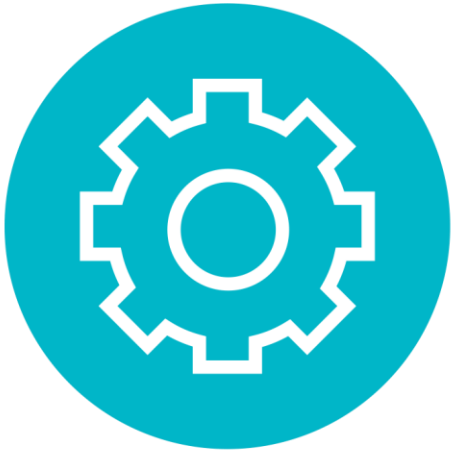


With **united vision** and **bold action**, we will create  
\_\_\_\_\_ the most **vibrant, innovative**  
and **healthy** economy in the nation. \_\_\_\_\_





**CHARLOTTE**  
REGIONAL BUSINESS  
**ALLIANCE**



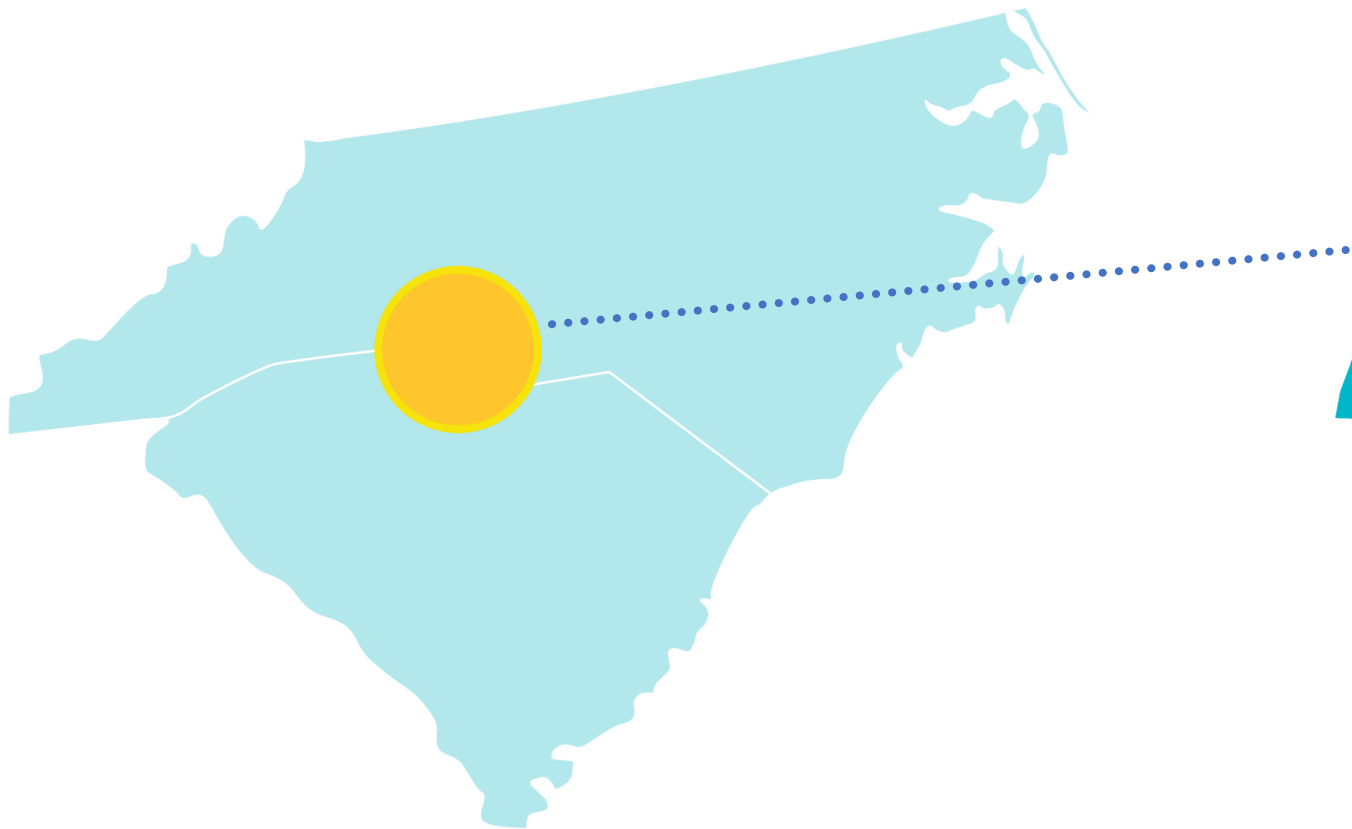
**BUSINESS  
DEVELOPMENT**



**PROJECT  
MANAGEMENT**



**RESEARCH**



- Economic development activity picked up steam in Q4 of 2018, when more than 38 companies announced the addition of nearly 6,000 jobs to be added over the next three to five years.

FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
<div>PROJECTS</div> <div>29</div> <div>JOB</div> <div>1,729</div>	<div>PROJECTS</div> <div>27</div> <div>JOB</div> <div>1,395</div>	<div>PROJECTS</div> <div>24</div> <div>JOB</div> <div>2,904</div>	<div>PROJECTS</div> <div>38</div> <div>JOB</div> <div>5,699</div>
CAPITAL INVESTMENT \$171.3M	CAPITAL INVESTMENT \$182.6M	CAPITAL INVESTMENT \$561.7M	CAPITAL INVESTMENT \$613.3M
2018 TOTAL	PROJECTS 118	JOB 11,727	CAPITAL INVESTMENT \$1,528.9M

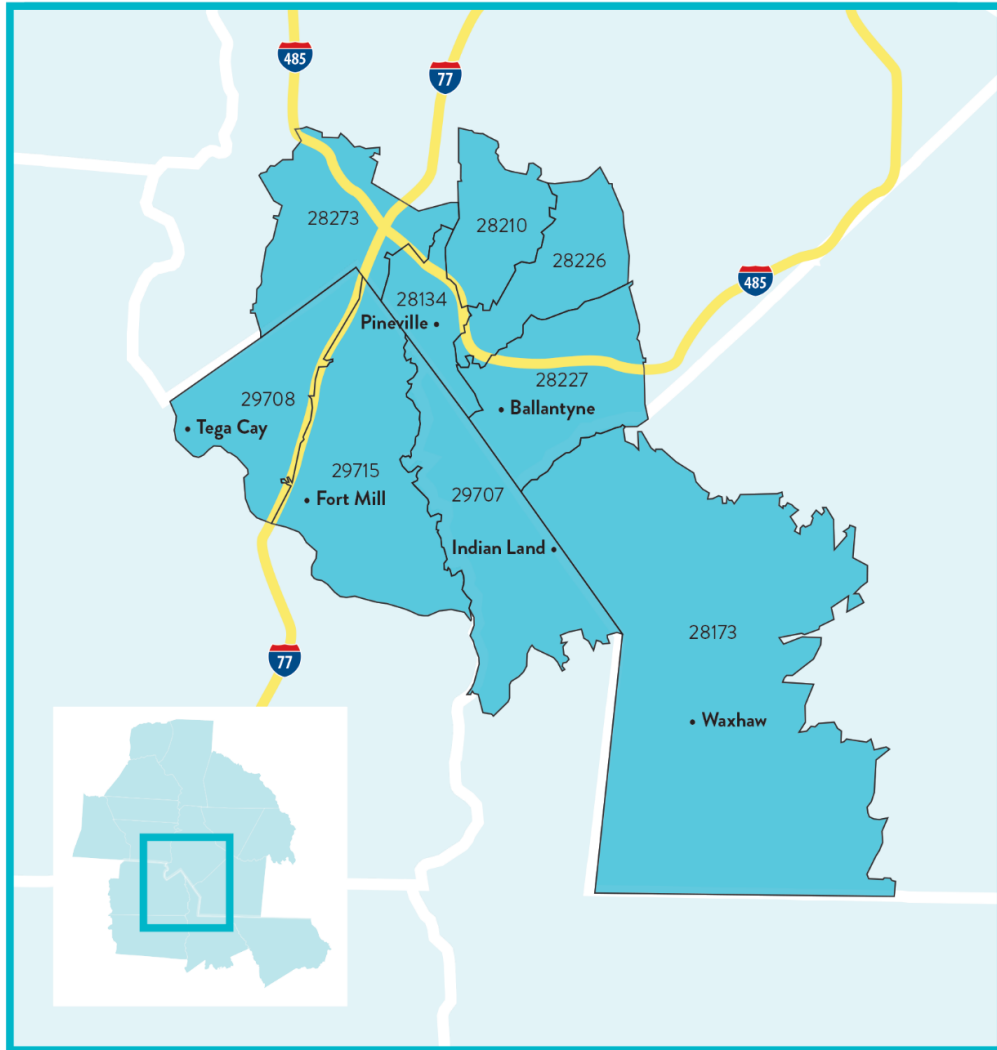
**102 PEOPLE**  
move to the Charlotte  
Region everyday (on  
net)

**Average age for  
those moving is 29**

**45% have a  
bachelor's degree  
or higher**



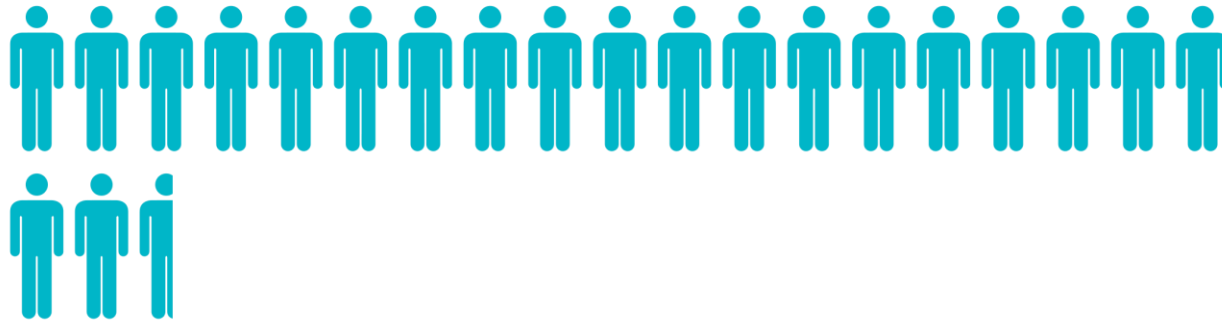




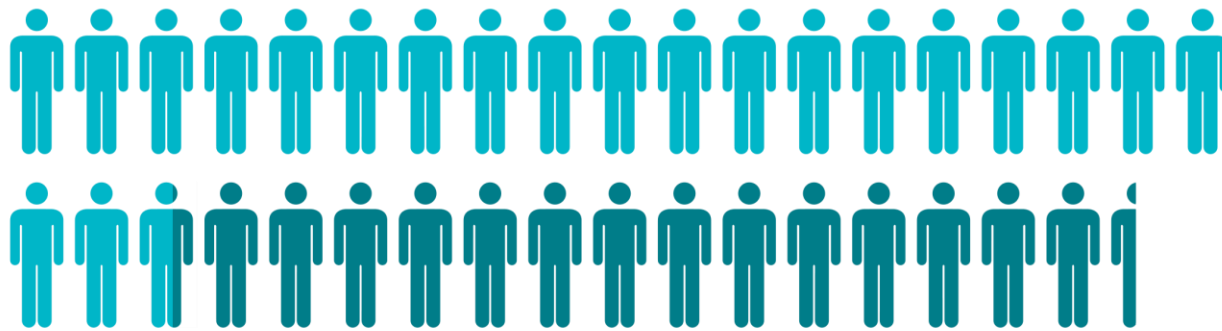
## This area includes:

- Ballantyne
- Indian Land
- Fort Mill
- Pineville
- Waxhaw

2001 216,140



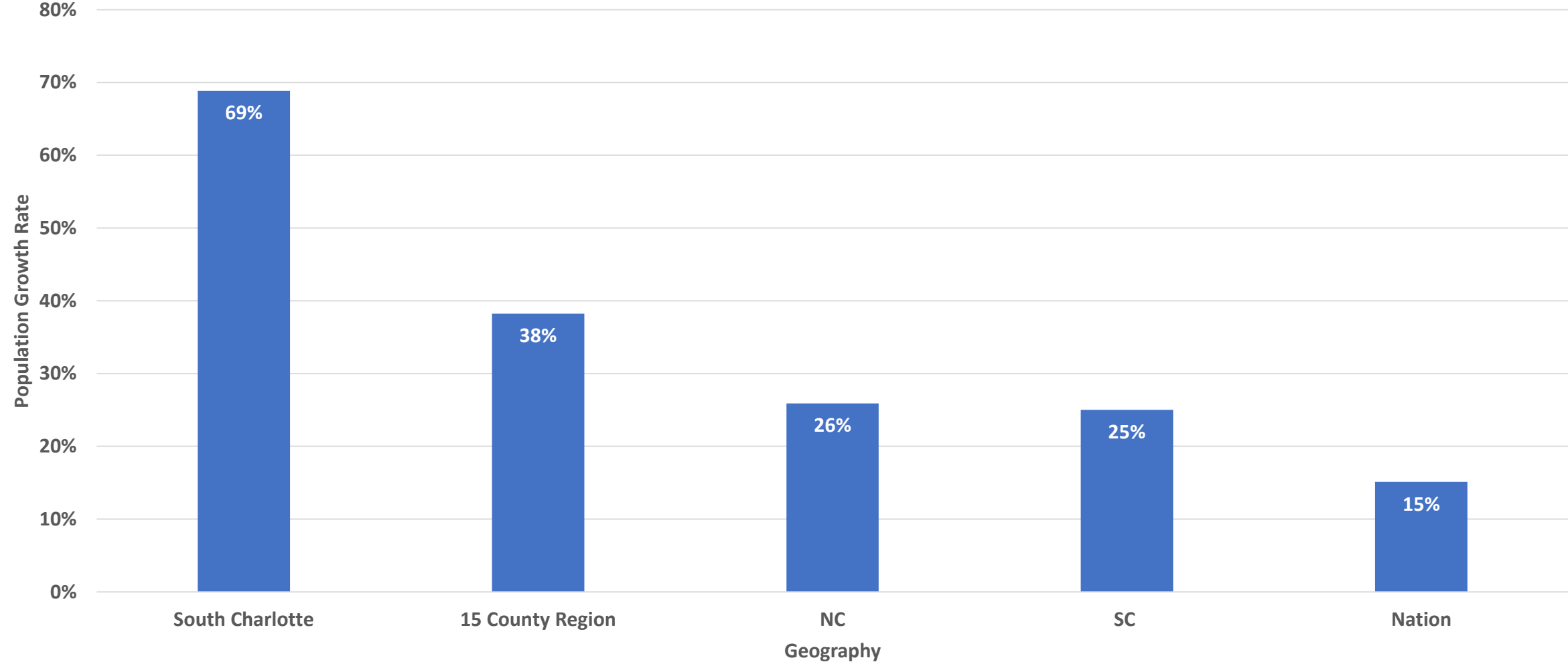
2018 364,957



INCREASED BY  
**148K**  
SINCE 2001

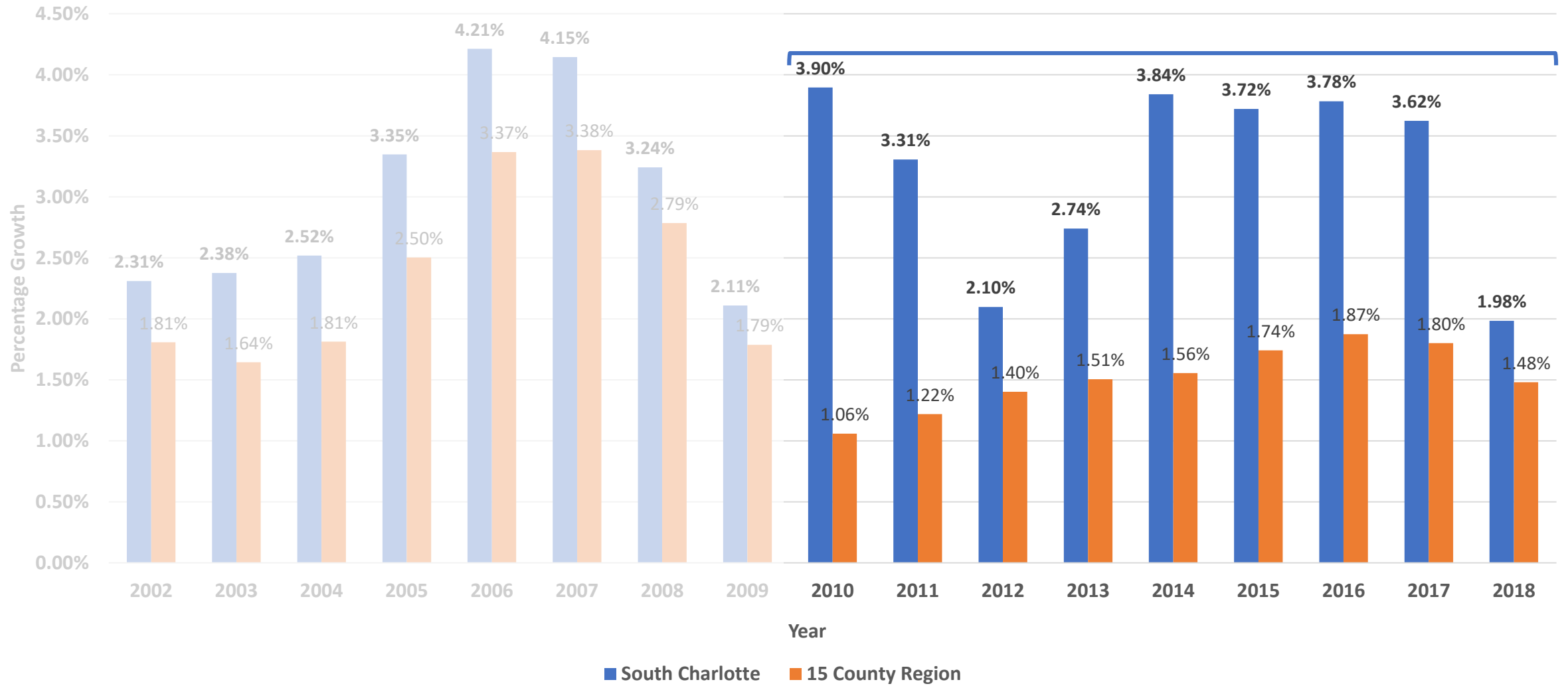
**69%**  
INCREASE

Population Growth Rate: 2001-2018

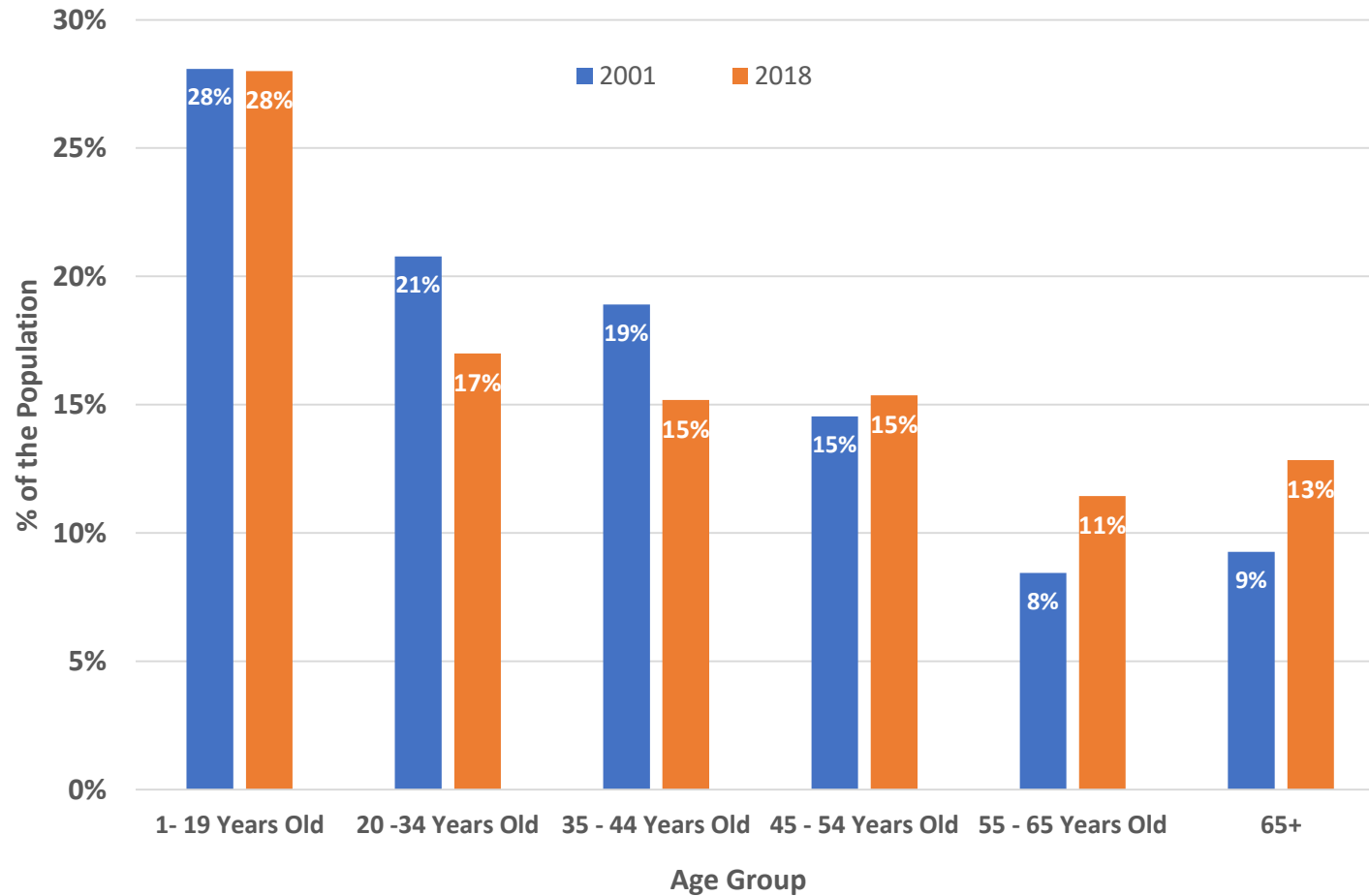


Source: EMSI, 2019Q1

## Year-Over-Year Population Growth

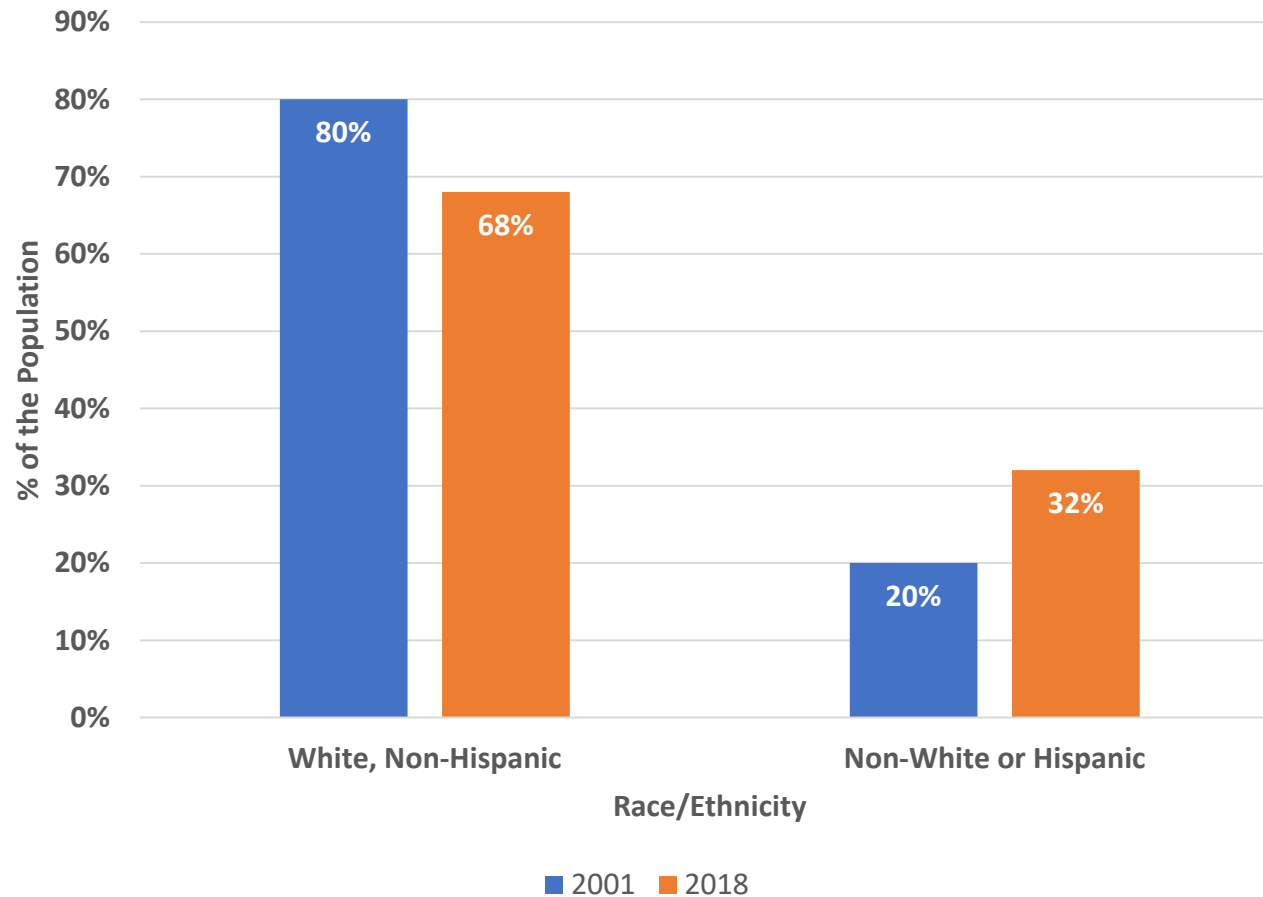


## Percent of the Population by Age Group



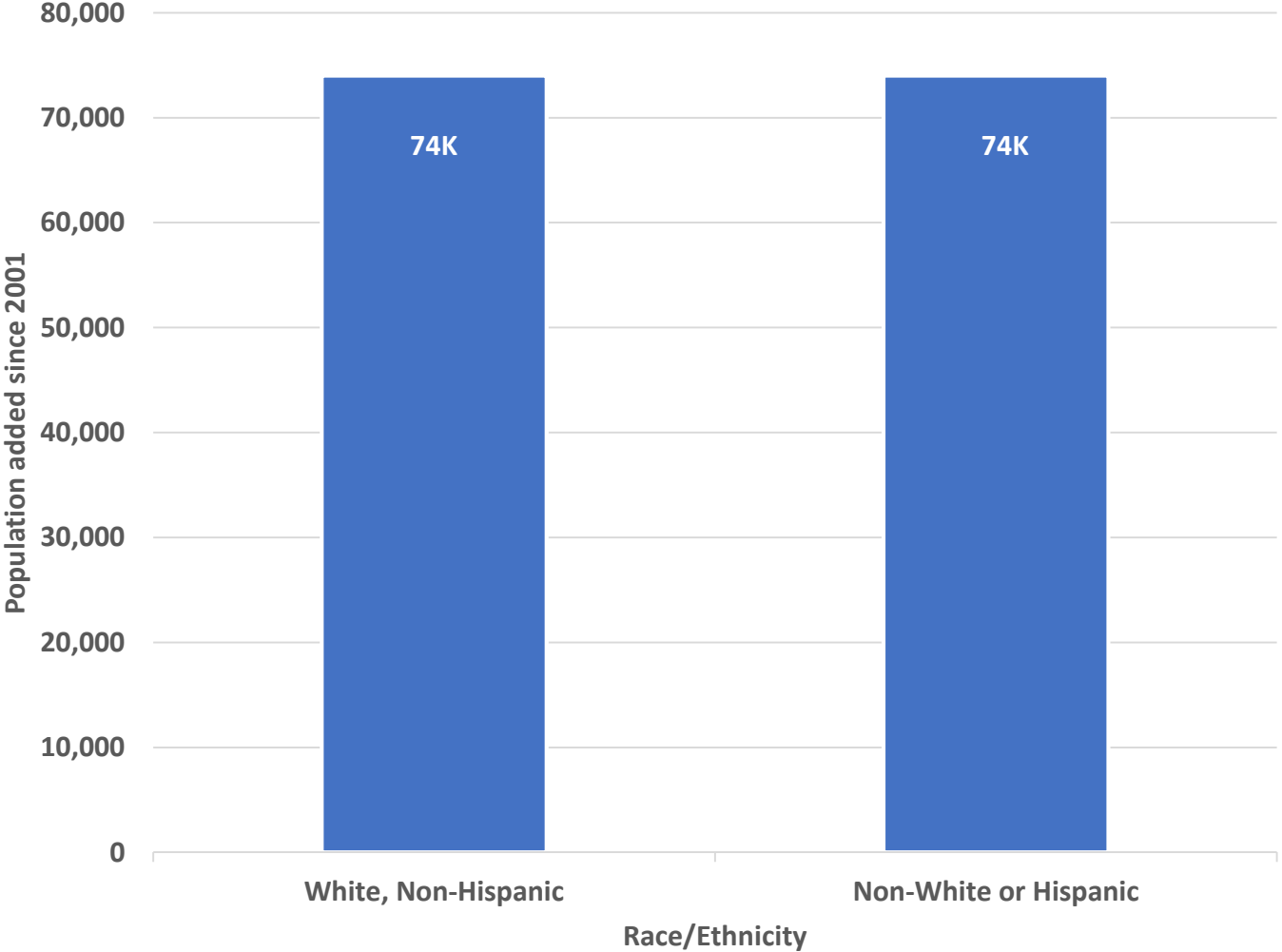
**Percent of the population between 20 – 44 years old is declining, while it is increasing between ages 45 – 65+**

## Percent of the Population that is White, Non-Hispanic

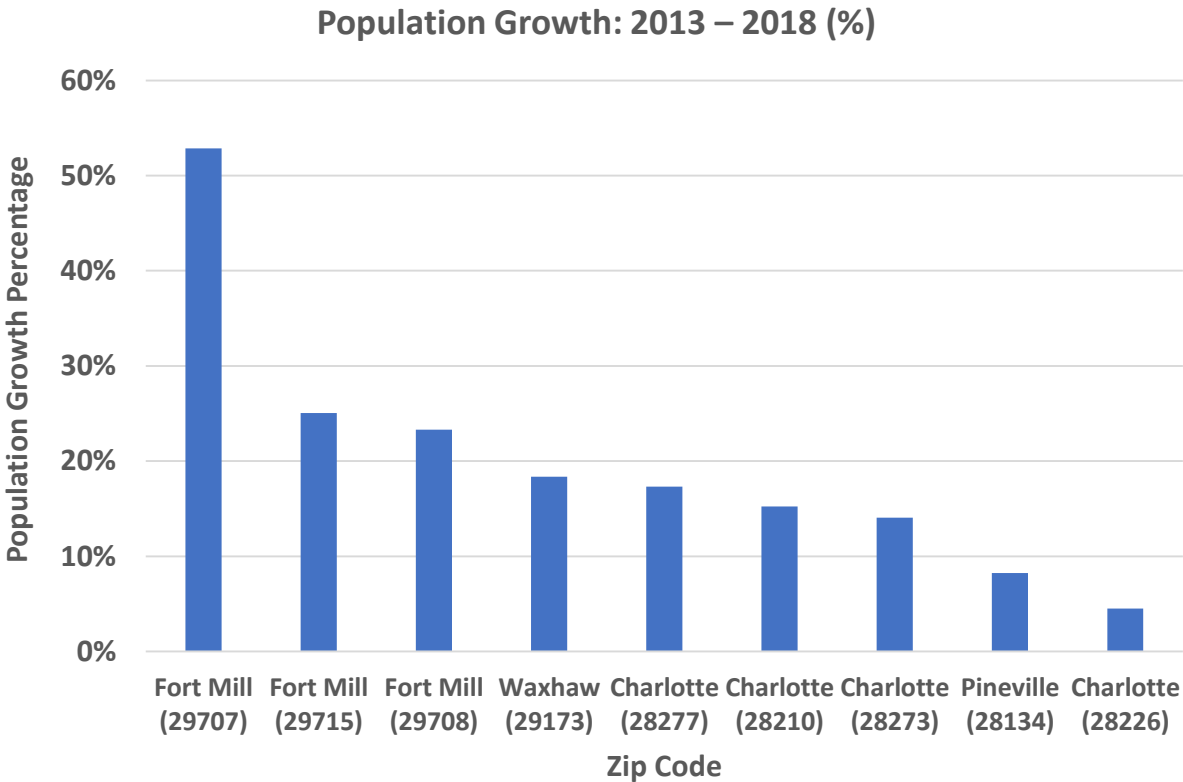
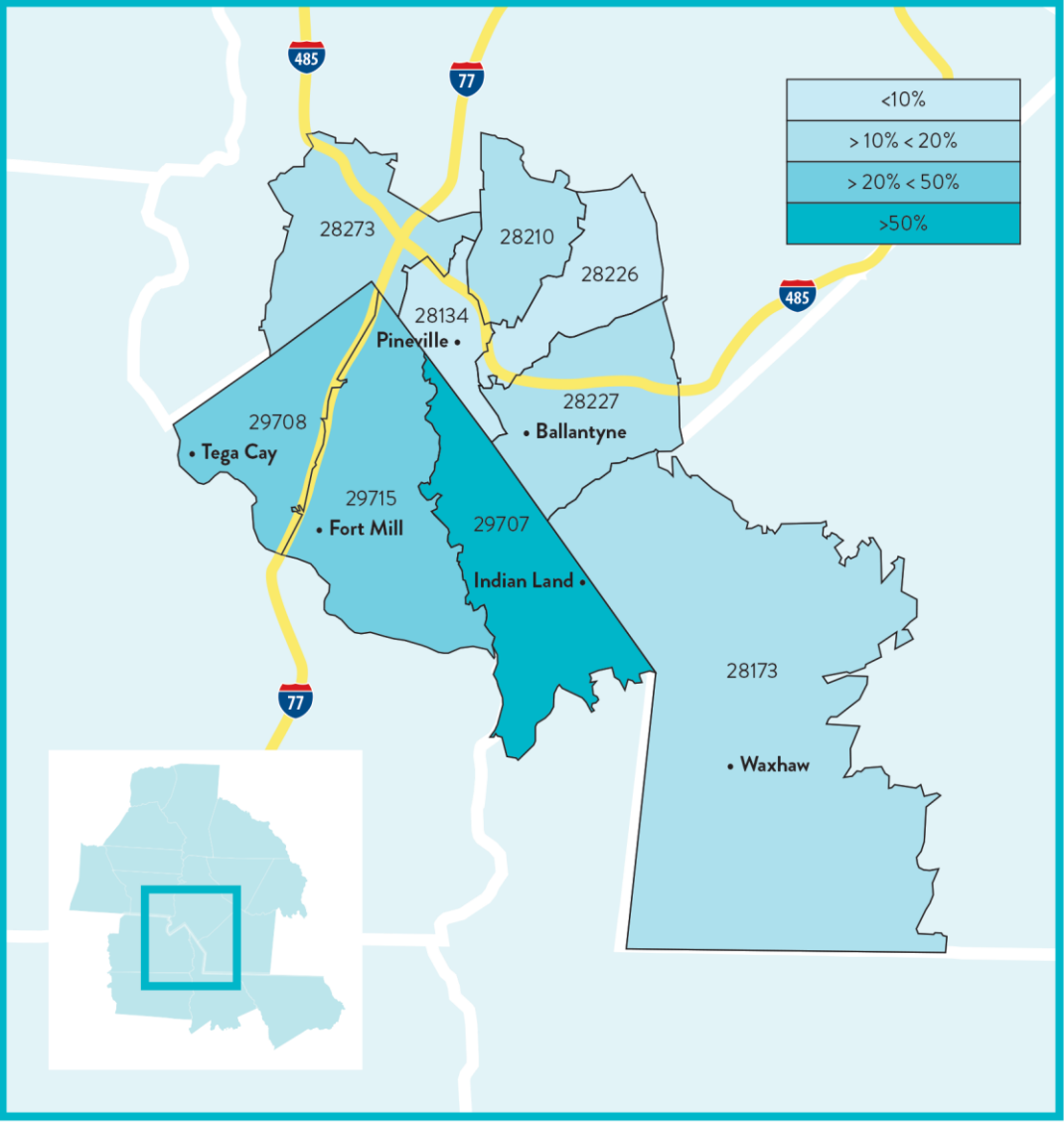


**The percent of the population which is White, Non-Hispanic is decreasing.**

# Population Added Since 2001 in South Charlotte

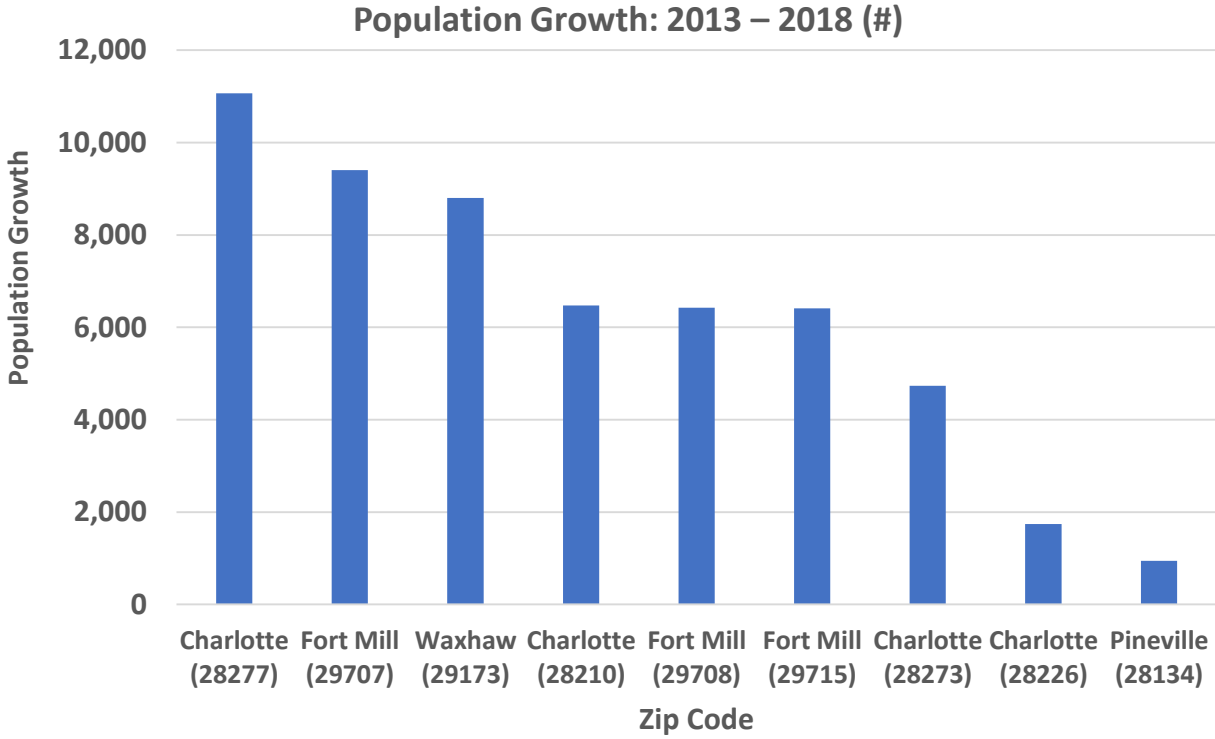
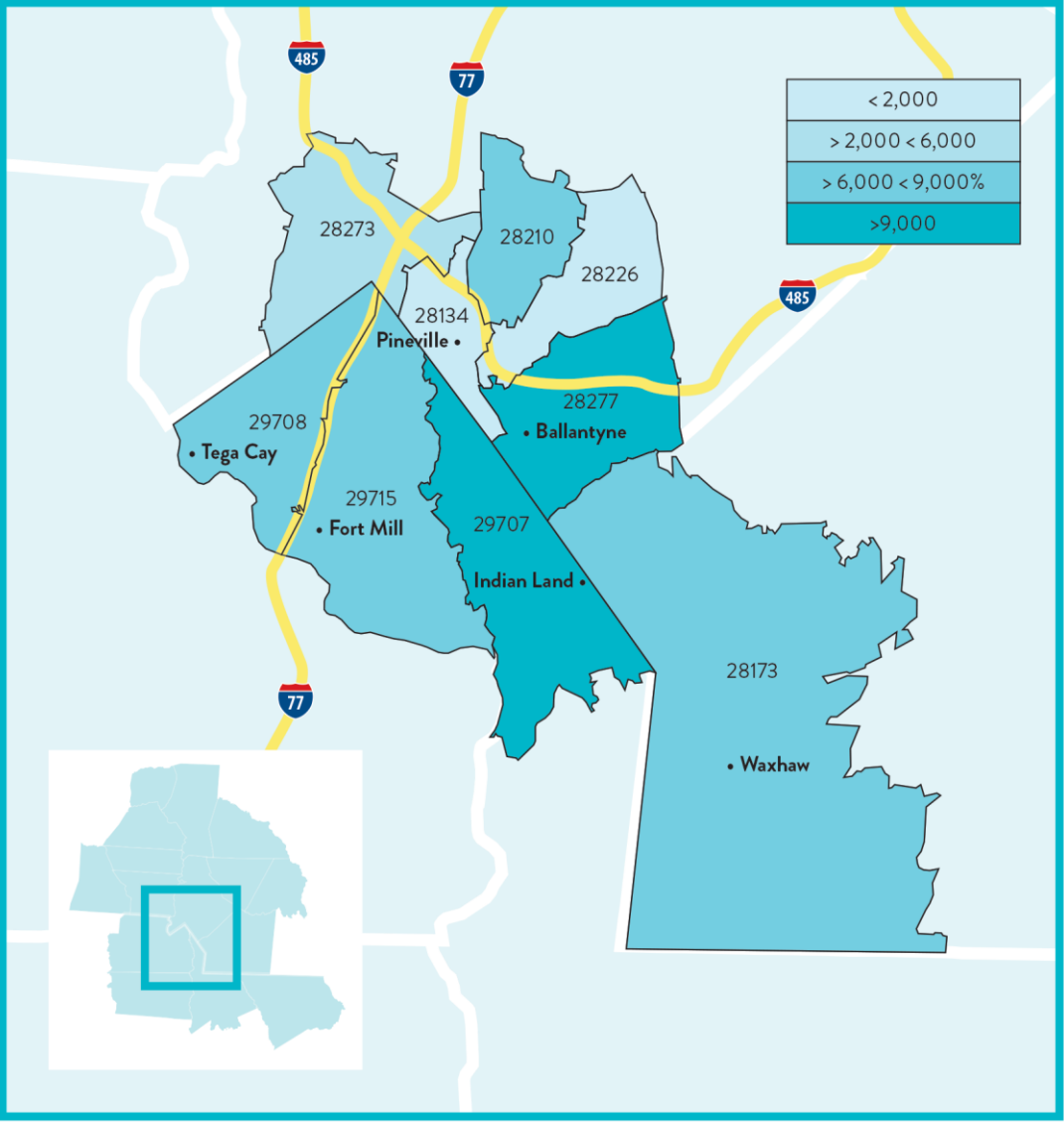


**Of the 148 thousand people added since 2001, 50% are non-white or Hispanic**



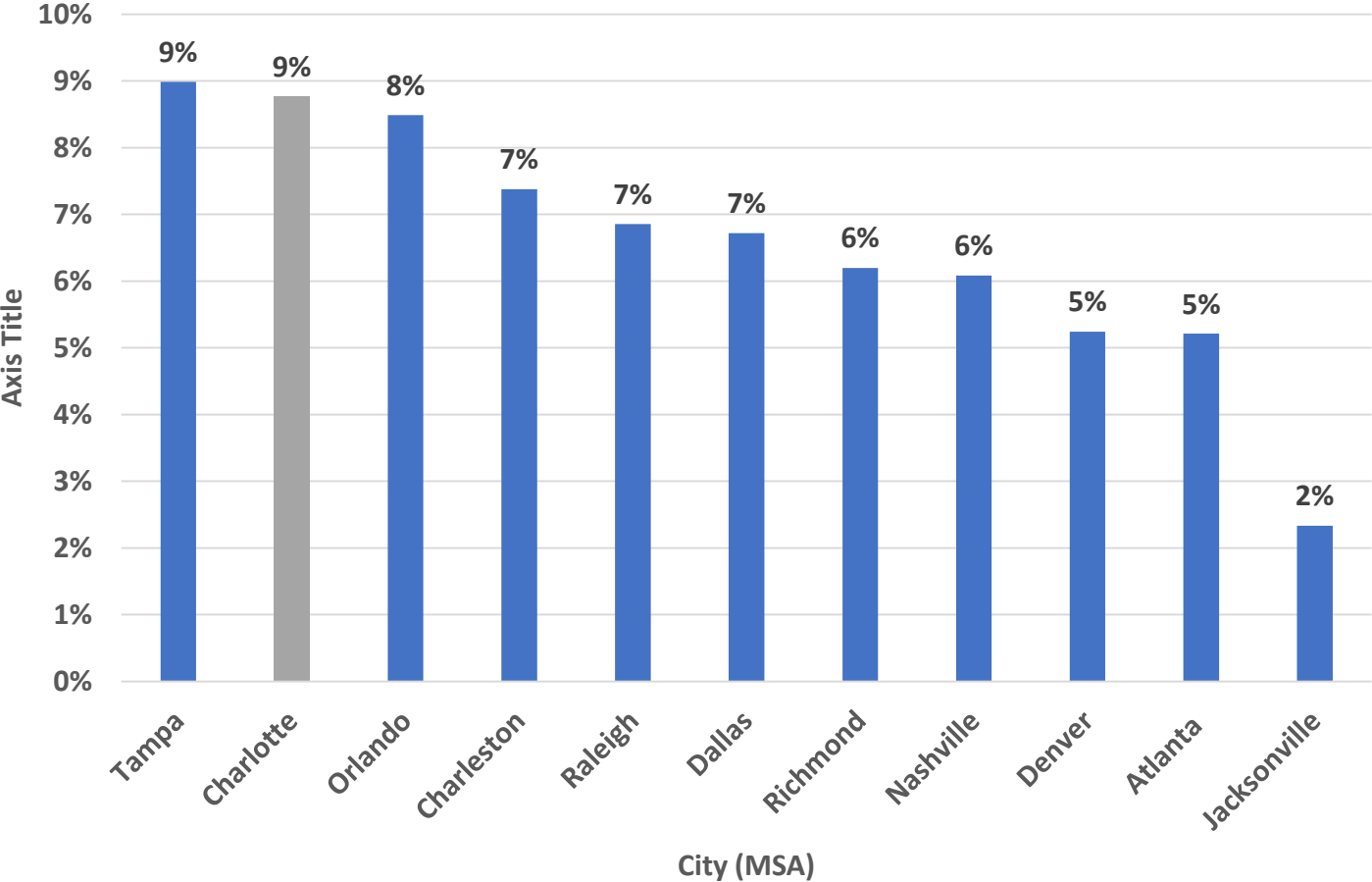
Source: EMSI, 2019Q1





Source: EMSI, 2019Q1

# Growth in Average Commute Time: 2007 - 2017



**For now, Charlotte has the 4<sup>th</sup> best average commute time among this group**

**2<sup>nd</sup> fastest growth in average commute times among select peer metros**

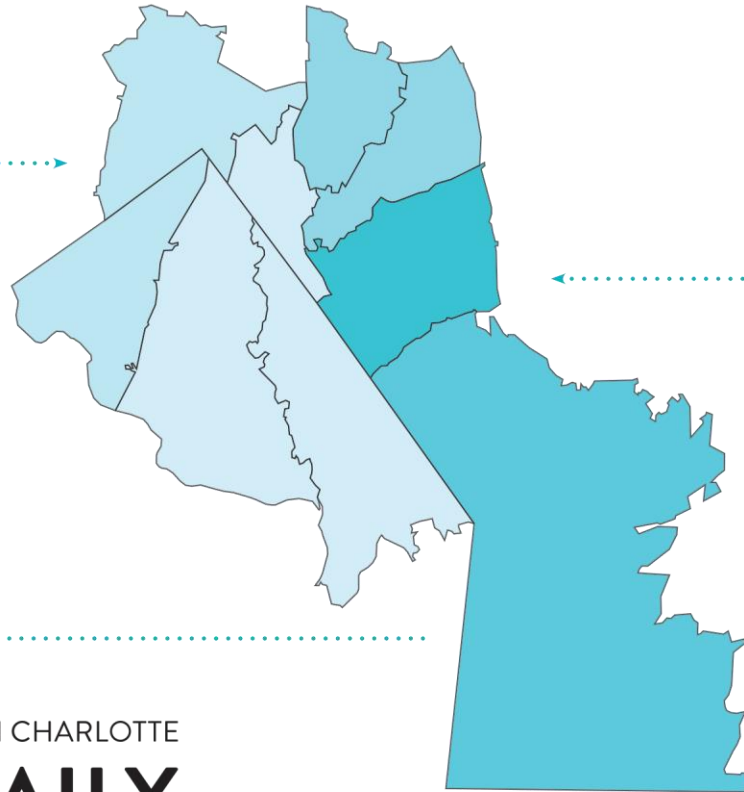
Source: US Census Bureau, American Community Survey 2007, 2017 1-year estimates



COMMUTERS INTO SOUTH CHARLOTTE  
**130,000 DAILY**

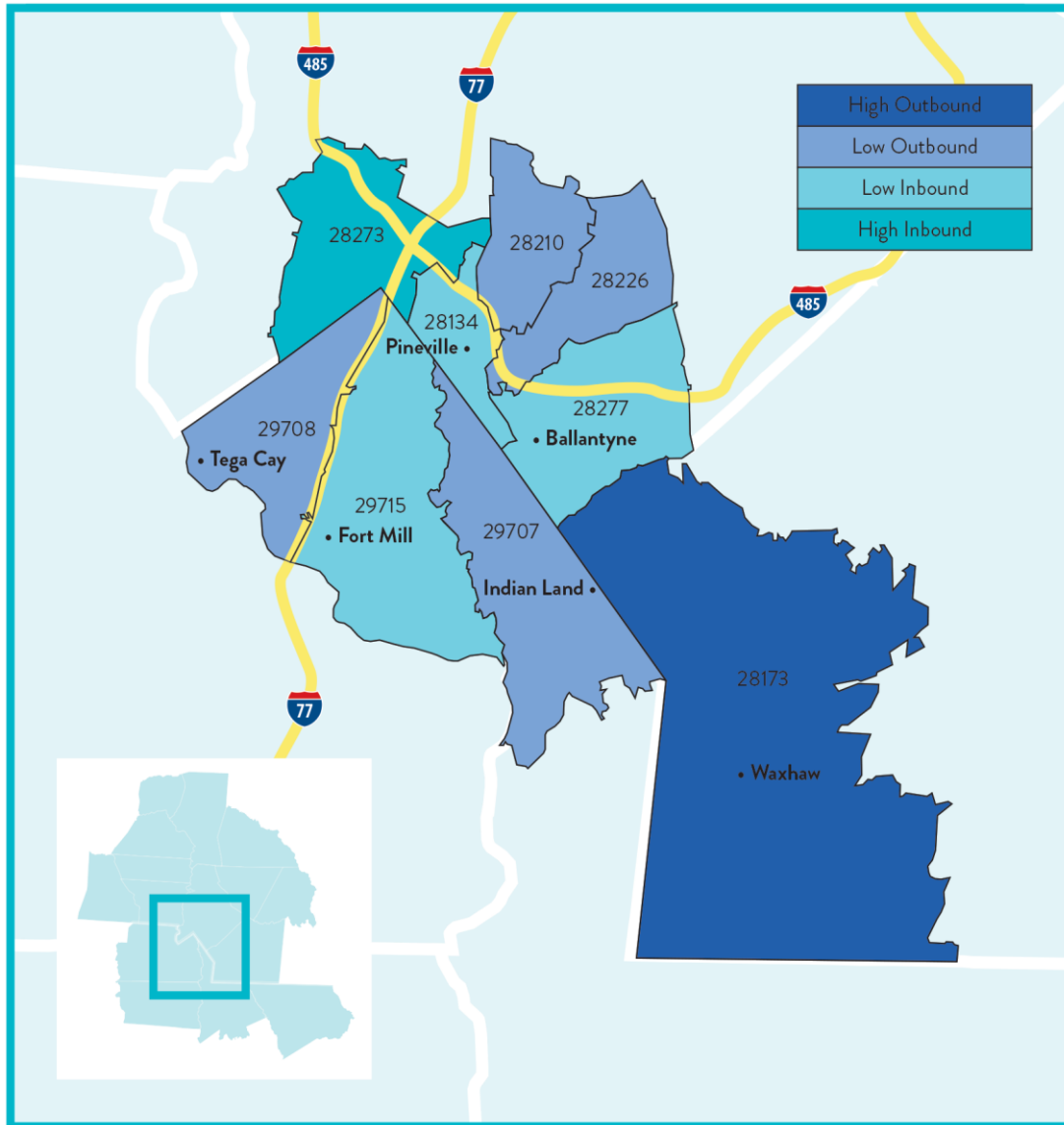


COMMUTERS OUT OF SOUTH CHARLOTTE  
**110,000 DAILY**



PEOPLE WHO LIVE AND WORK IN SOUTH CHARLOTTE  
**70,000 DAILY**

TOTAL DAILY DRIVERS  
**310,000**



### Inbound Communities

- Ballantyne
- Fort Mill
- Pineville
- Ayrsville

### Outbound Communities

- Waxhaw
- Indian Land
- Tega Clay
- Carmel
- Quail Hollow

- South Charlotte is growing at a much faster pace than the region as a whole
- The demographics of South Charlotte are becoming much more diverse, we need to make sure our transportation infrastructure meets everyone's needs
- Our communities are interconnected through our workforce



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## Regional Transportation Summit

Ballantyne Hotel, Charlotte, NC - March 25, 2019

Henry McMaster

South Carolina Governor

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## Regional Transportation Summit

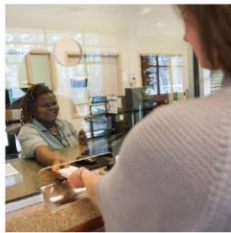
Ballantyne Hotel, Charlotte, NC - March 25, 2019

# I-485 Express Lane Project

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**Rodger Rochelle**

Chief Engineer, Innovative Delivery at NCDOT Turnpike Authority



# I-485 Project Update

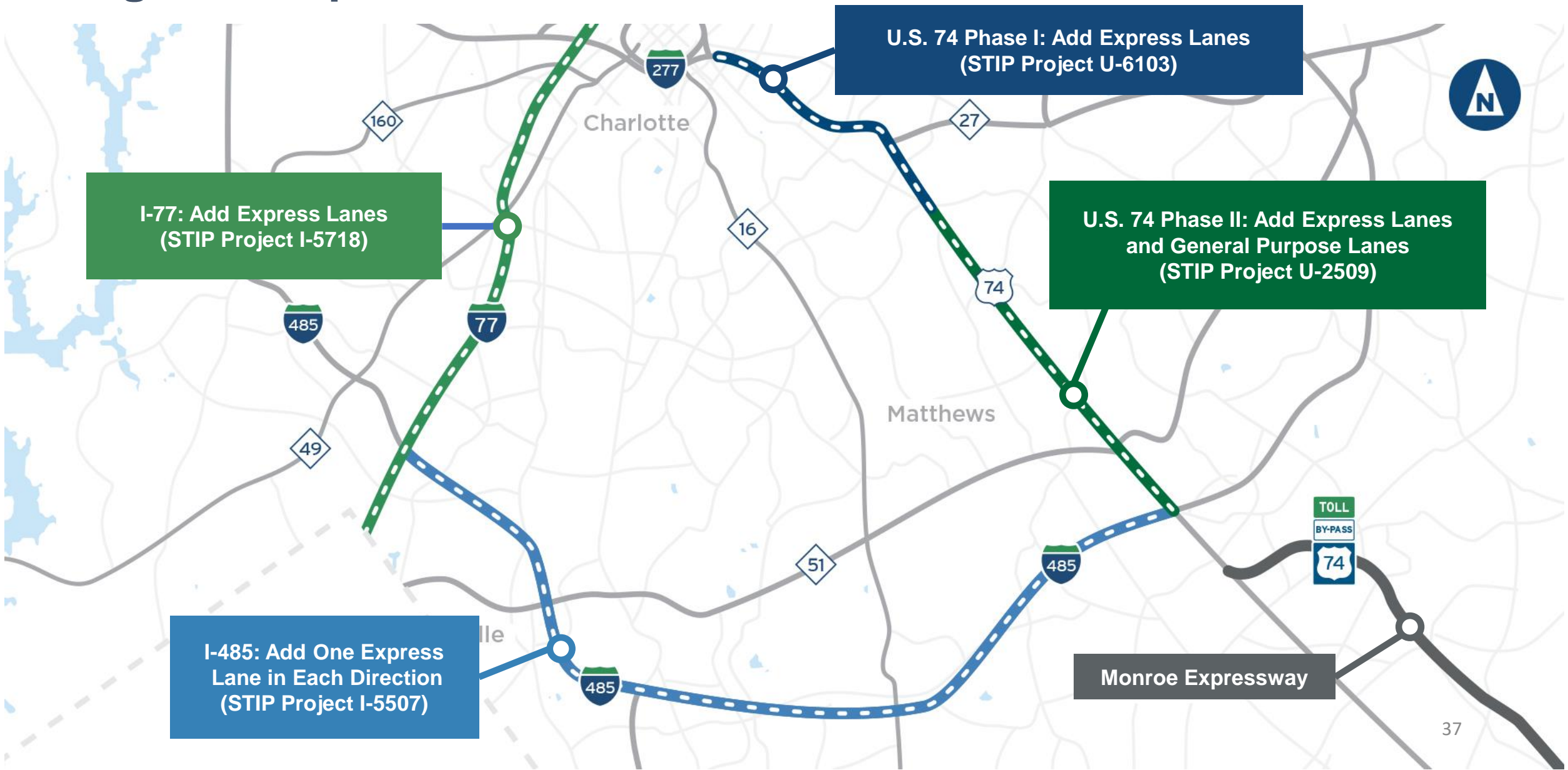
South Charlotte Partners Transportation Summit

Rodger Rochelle

March 25, 2019



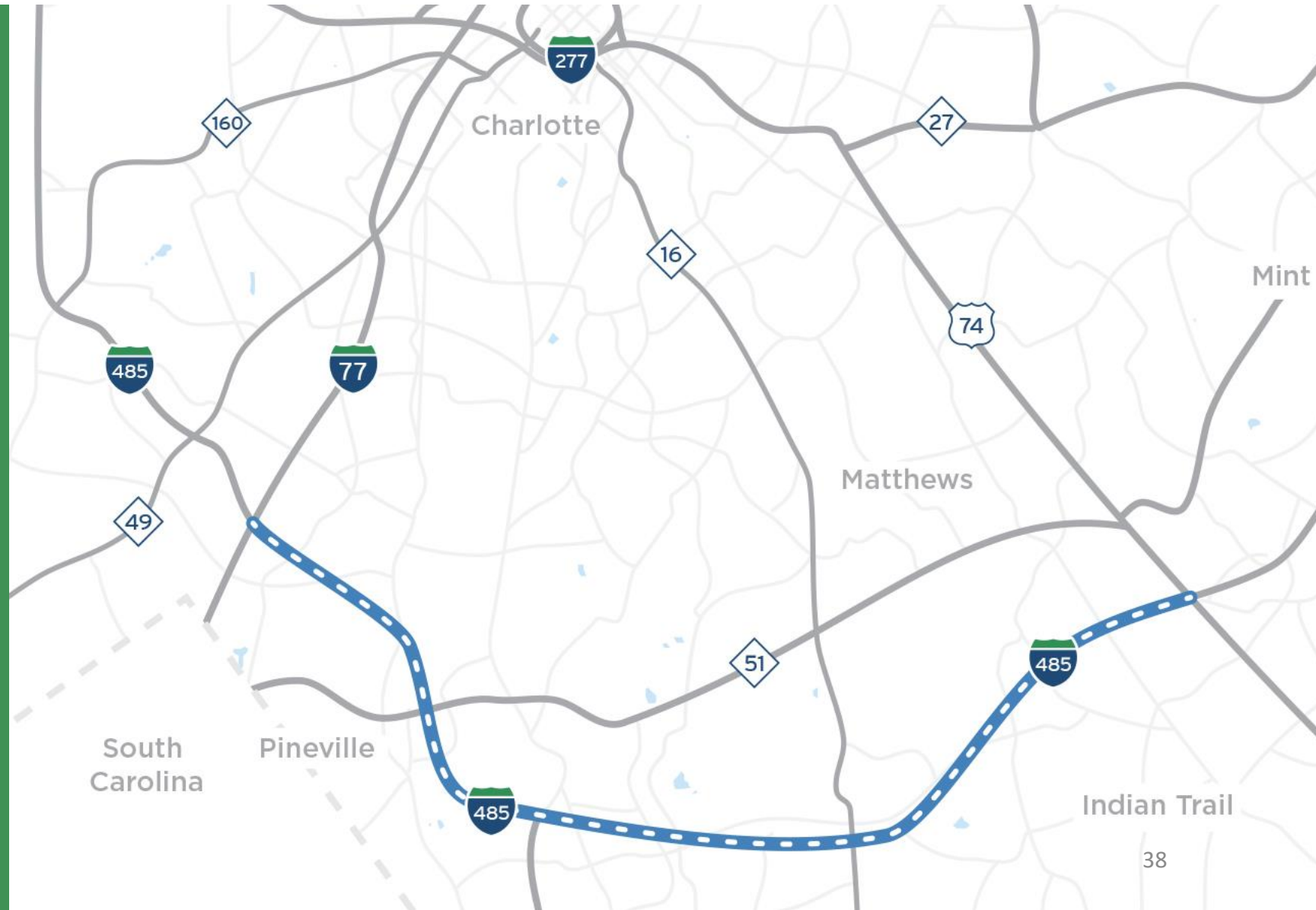
# Regional Express Lanes Network



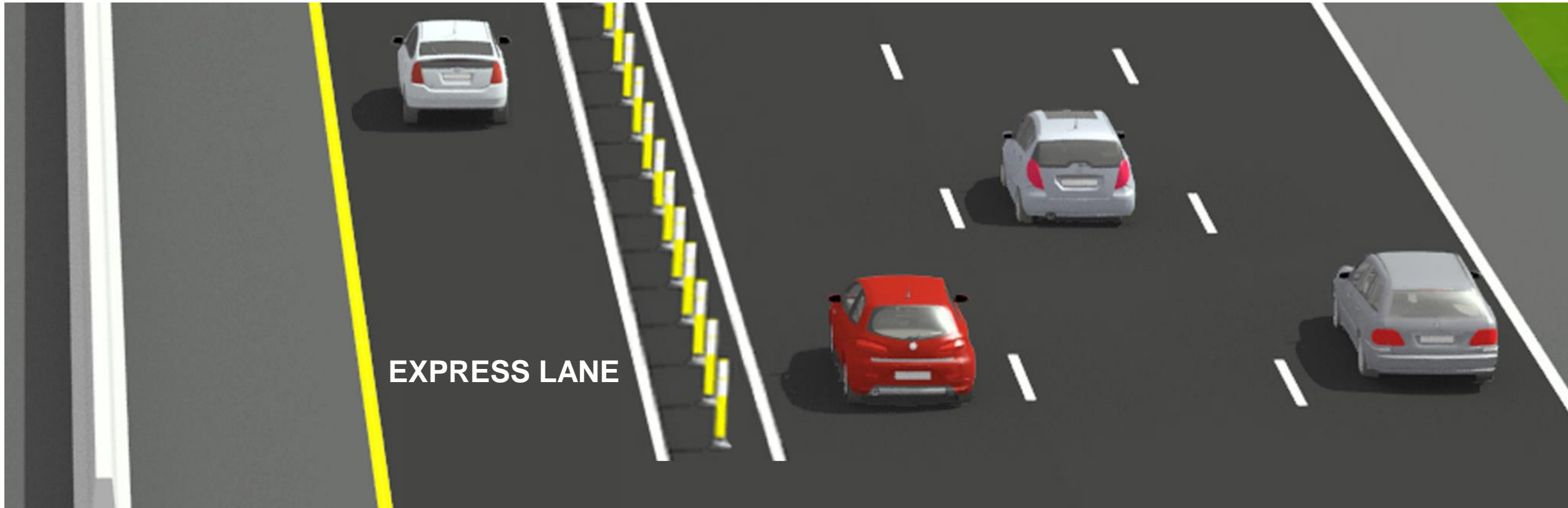
# Significant Improvements Coming to the Southern I-485 Corridor

- Express Lanes (EL)
- EL Access Points
- Direct Connectors
- Bridges
- Interchanges

*NOTE: Existing and Extended  
General Purpose Lanes  
Will Not Be Tolled*



# What is an Express Lane?



**A separate lane in a highway corridor in which drivers can choose to pay a variable toll for a more reliable travel time**

**Note: transit vehicles and emergency responders do not pay tolls to use express lanes.**

# How Do Express Lanes Work?

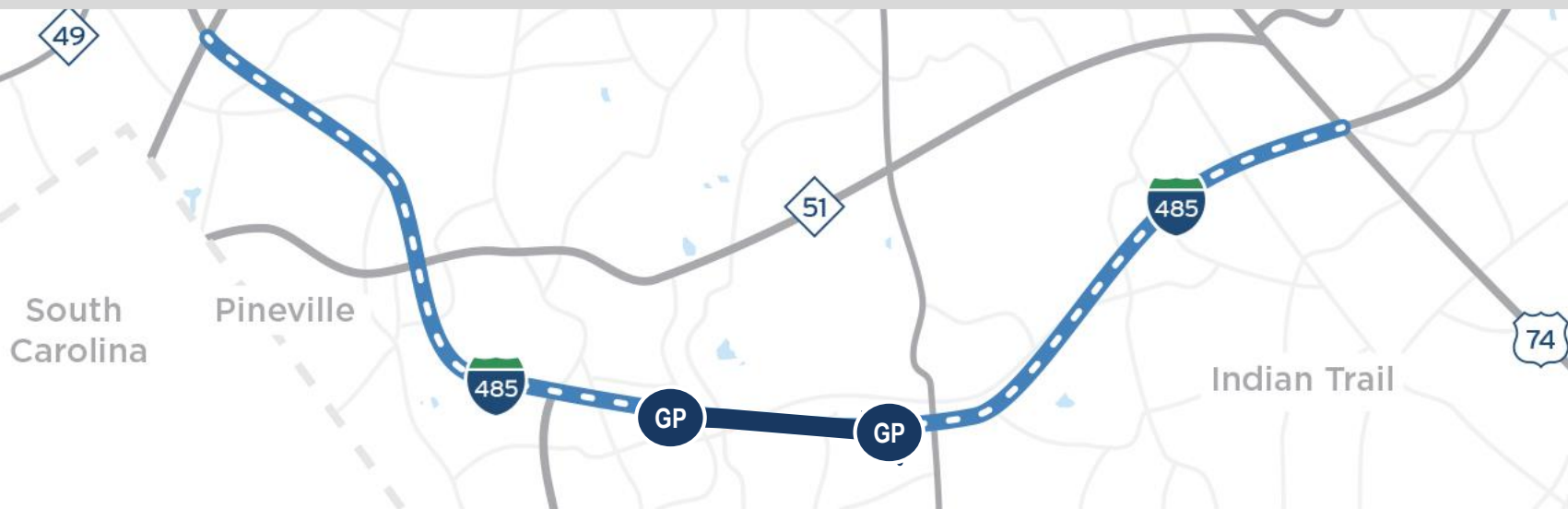
- Variable toll manages express lanes traffic volume
- Express lanes provide reliable travel times throughout the day
- Drivers know the price before choosing express lanes
- All-electronic tolling





## Express Lanes Coming to I-485 (STIP) No. I-5507)

- Add one express lane in each direction between I-77 and U.S. 74
  - Approximately 17 miles
- Extend third general purpose lane from Rea Road to Providence Road (both directions)
  - No tolls will be added to the existing and extended general purpose lanes



# Key Project Dates

- ✓ **January 2014:** Local transportation planning organization submits project to NCDOT for funding
- ✓ **April 2015:** NCDOT hosts 1<sup>st</sup> round of public meetings
- ✓ **July 2018:** 2<sup>nd</sup> round of public meetings
- ✓ **September 2018:** Design-Build contract awarded

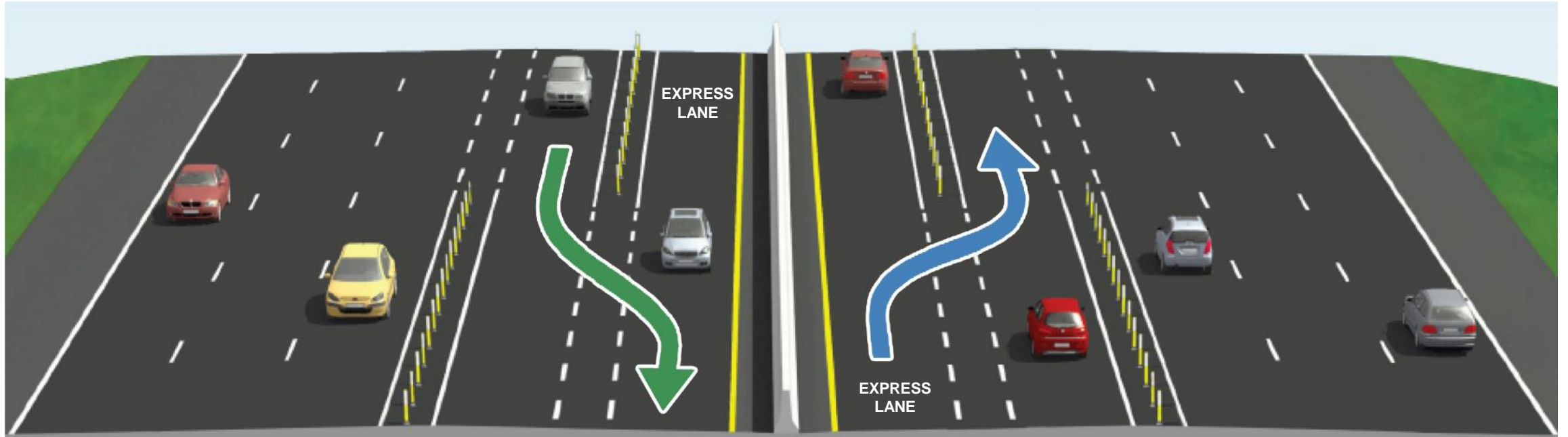
**Anticipated completion: late 2022**

South  
Carolina

Pineville

Indian Trail

# Entry / Exit Points for Access to Express Lanes



# Entry / Exit Points for Access to Express Lanes





# Direct Connector for Access to Express Lanes: Johnston Rd.





# Direct Connector for Access to Express Lanes: Westinghouse Blvd.





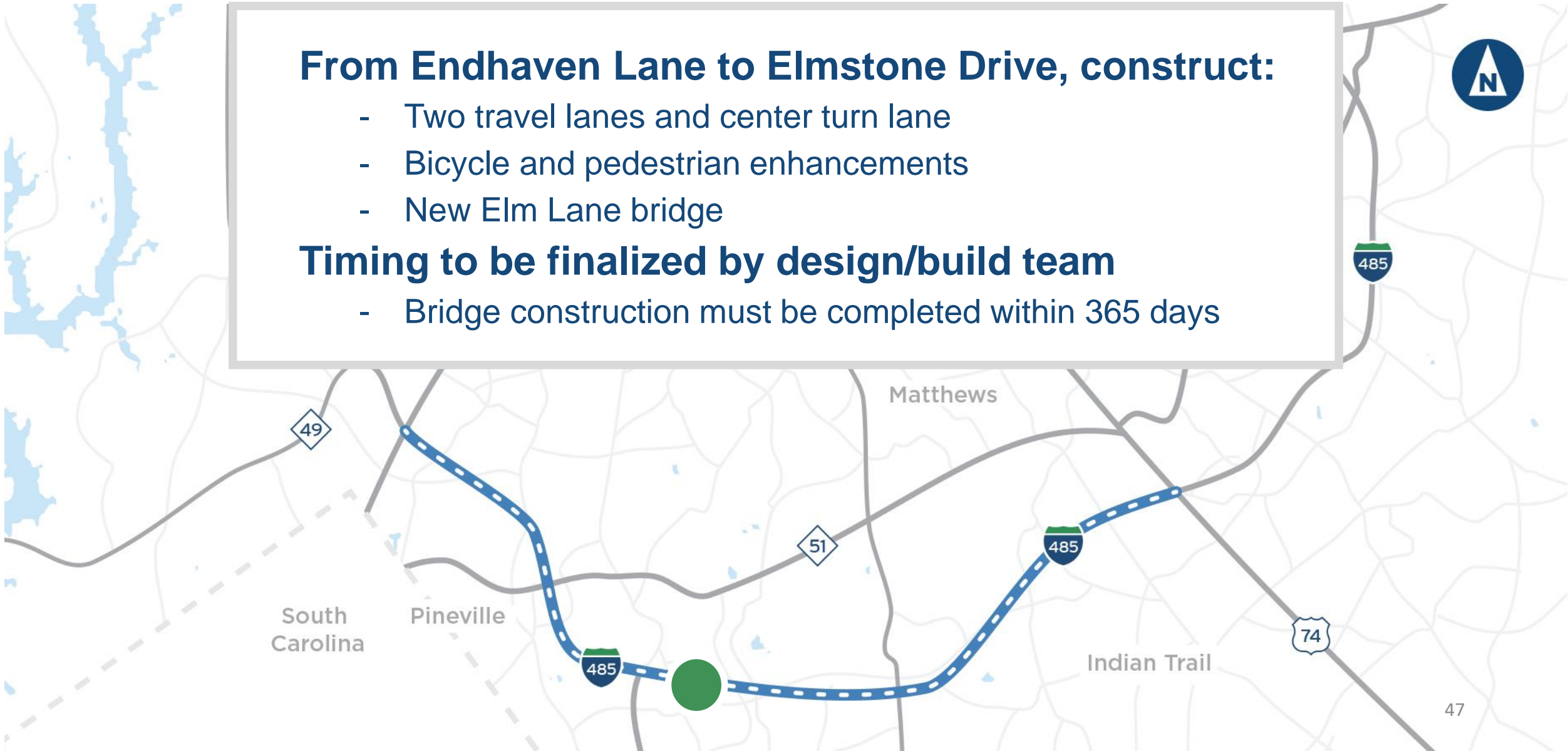
# Replacement of the Elm Lane Bridge

## From Endhaven Lane to Elmstone Drive, construct:

- Two travel lanes and center turn lane
- Bicycle and pedestrian enhancements
- New Elm Lane bridge

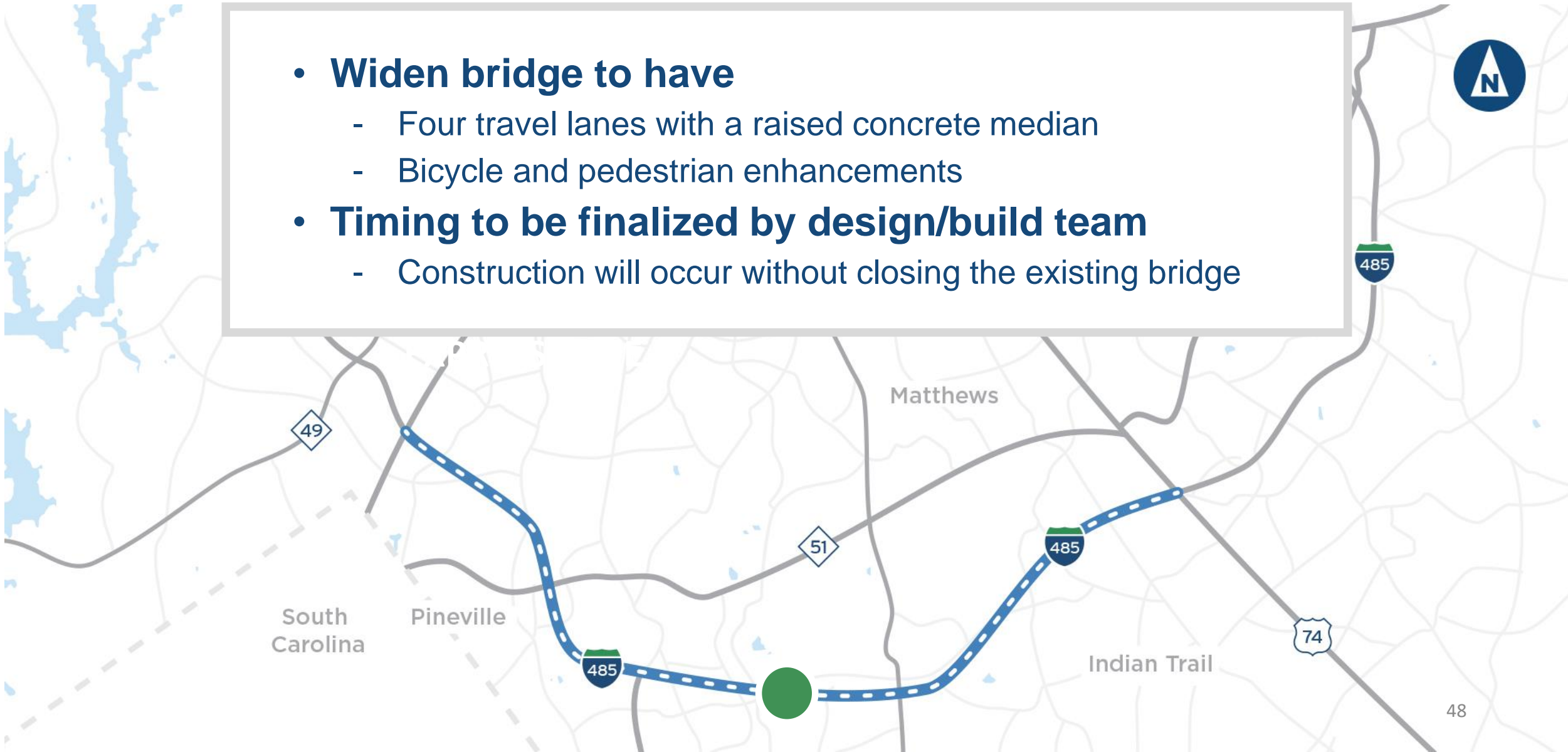
## Timing to be finalized by design/build team

- Bridge construction must be completed within 365 days



# Widen the Ballantyne Commons Parkway Bridge (STIP No. U-6030)

- **Widen bridge to have**
  - Four travel lanes with a raised concrete median
  - Bicycle and pedestrian enhancements
- **Timing to be finalized by design/build team**
  - Construction will occur without closing the existing bridge



# Additional Improvements to the Corridor

## New Interchange at Weddington Road (STIP No. R-0211EC)

### Construct new interchange with

- Four travel lanes on the bridge
- Wider outside lanes for bicycles
- Sidewalk on both sides
- Auxiliary lanes to East John Street interchange
- Substantial completion date: May 5, 2021



## Improve Interchange at East John Street (STIP No. U-4714AB)


### Improve interchange by

- Converting to “partial cloverleaf” to improve I-485 access
- Adding lanes to ramps from I-485





# Sources of Information for the I-485 Project



NORTH CAROLINA

Department of Transportation

Search...

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I-485 Express Lanes

I-485 Express Lanes



The map above shows only the project's general location. (View detailed maps)

County:

Mecklenburg

Estimated Cost:

\$289.5 million

Status:

In Development

Start Date:

2019

STIP Number:

I-5507

Completion Date:

TBD

Projects

I-485 Express Lanes

[Project Highlights](#)

[Project History](#)

[Project Maps](#)


[Project Documents](#)

[Public Meetings](#)

[News Releases](#)


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I-485 AND U.S. 74 EXPRESS LANES NETWORK


Mecklenburg County





I-485 and US 74 Express Lanes Network

Vicinity Map:



[www.ncdot.gov/projects](http://www.ncdot.gov/projects)

[www.ncdot.publicinput.com](http://www.ncdot.publicinput.com)

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## State Level Discussion About Transportation Needs in the Area



**Sam Bowles**  
NCDOT  
Div. 10 Board Member



**Moderator  
Ned Curran**  
CEO Emeritus  
Northwood Office



**James (Jim) Feda, Jr.**  
Deputy Secretary for  
Intermodal Travel  
SCDOT

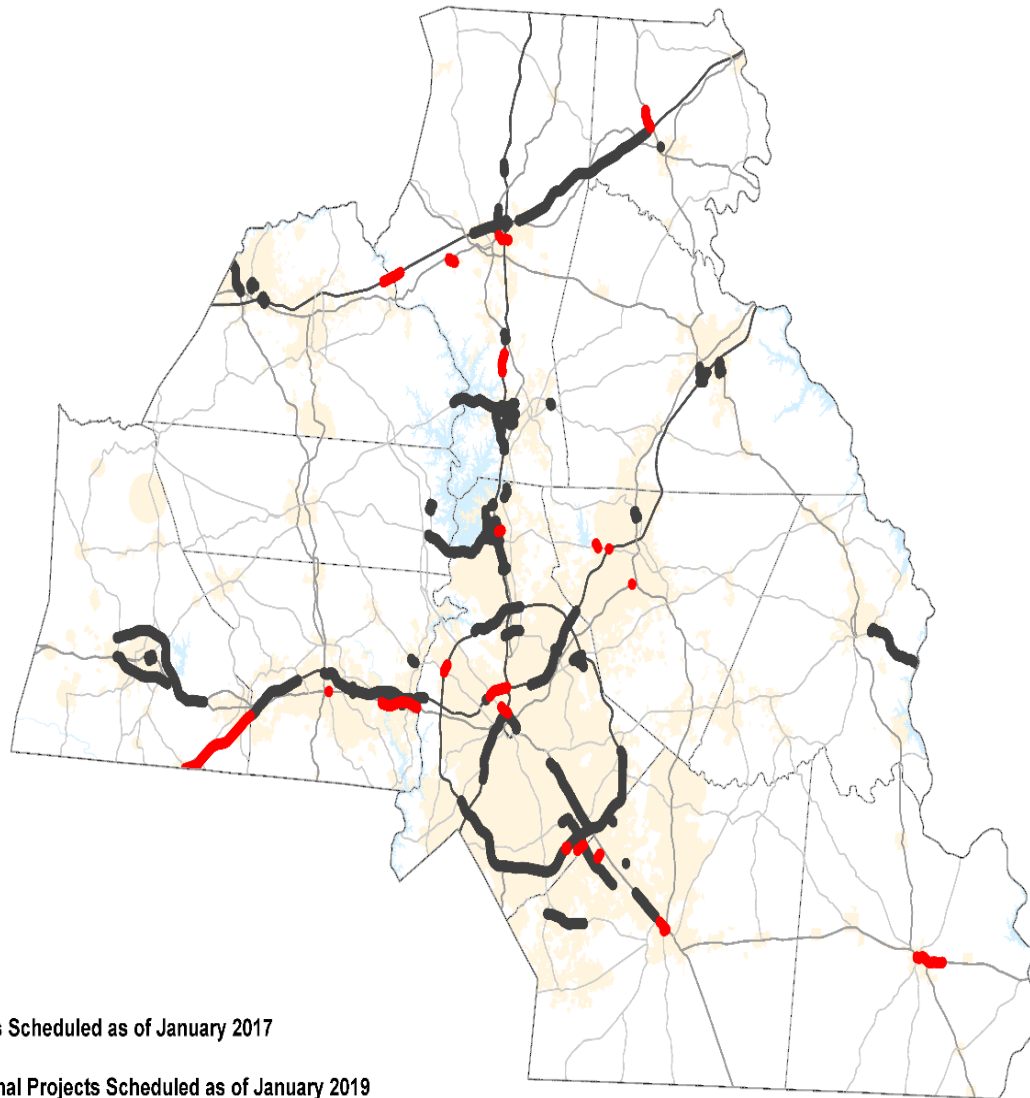


**Rep. John Torbett**  
R-NC Dist. 108



**Jim Trogon**  
Secretary of Transportation  
NCDOT

## Projects Scheduled for Let in 2019, 2020, 2021



- I-485 bridge rehabilitation
- I-85 pavement rehabilitation from Brookshire Boulevard to US 29/NC 49 Connector
- I-85 pavement rehabilitation from Gaston Co. to SC line
- I-77 pavement rehabilitation from MM 36.5 to MM50
- Brookshire Freeway bridge upgrades to extend lifespan
- Construct interchange on I-485 at Weddington Road
- U.S. 601 widening between SR 1345 and SR 1408
- Construct median on U.S. 74 (Andrew Jackson Hwy.)
- Construct improvements on U.S. 74 at U.S. 601 interchange
- Construction of McKee Road Ext. from Pleasant Plains Rd to John St.
- Construction of Chestnut Lane Connector and completing intersection improvements from U.S. 74 to Old Monroe Rd
- Intersection improvements on U.S. 74
- Implement adaptive signal system on Wilkinson Boulevard
- U.S. 64 (Davie Ave.) – convert 5-approach intersection to single-lane roundabout
- Intersection improvements on U.S. 29 at N.C. 274





# Update from Charlotte Area Transit System (CATS)

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**John Lewis**

CEO of Charlotte Area Transit System





# LYNX SYSTEM UPDATE

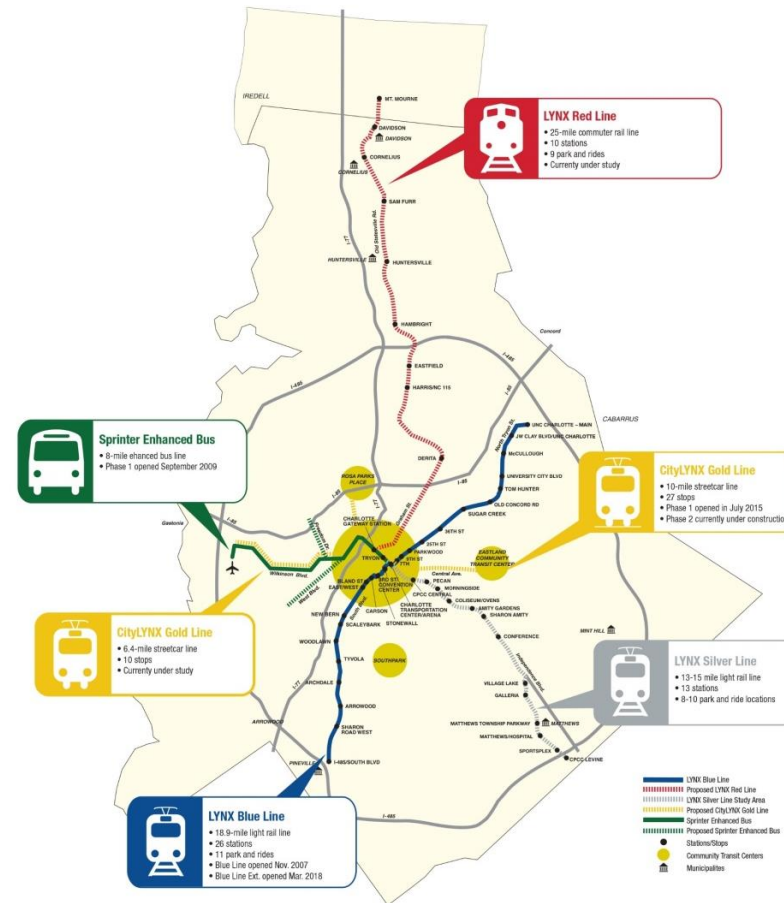
**South Charlotte Partners  
Transportation Summit**

**March 25, 2019**

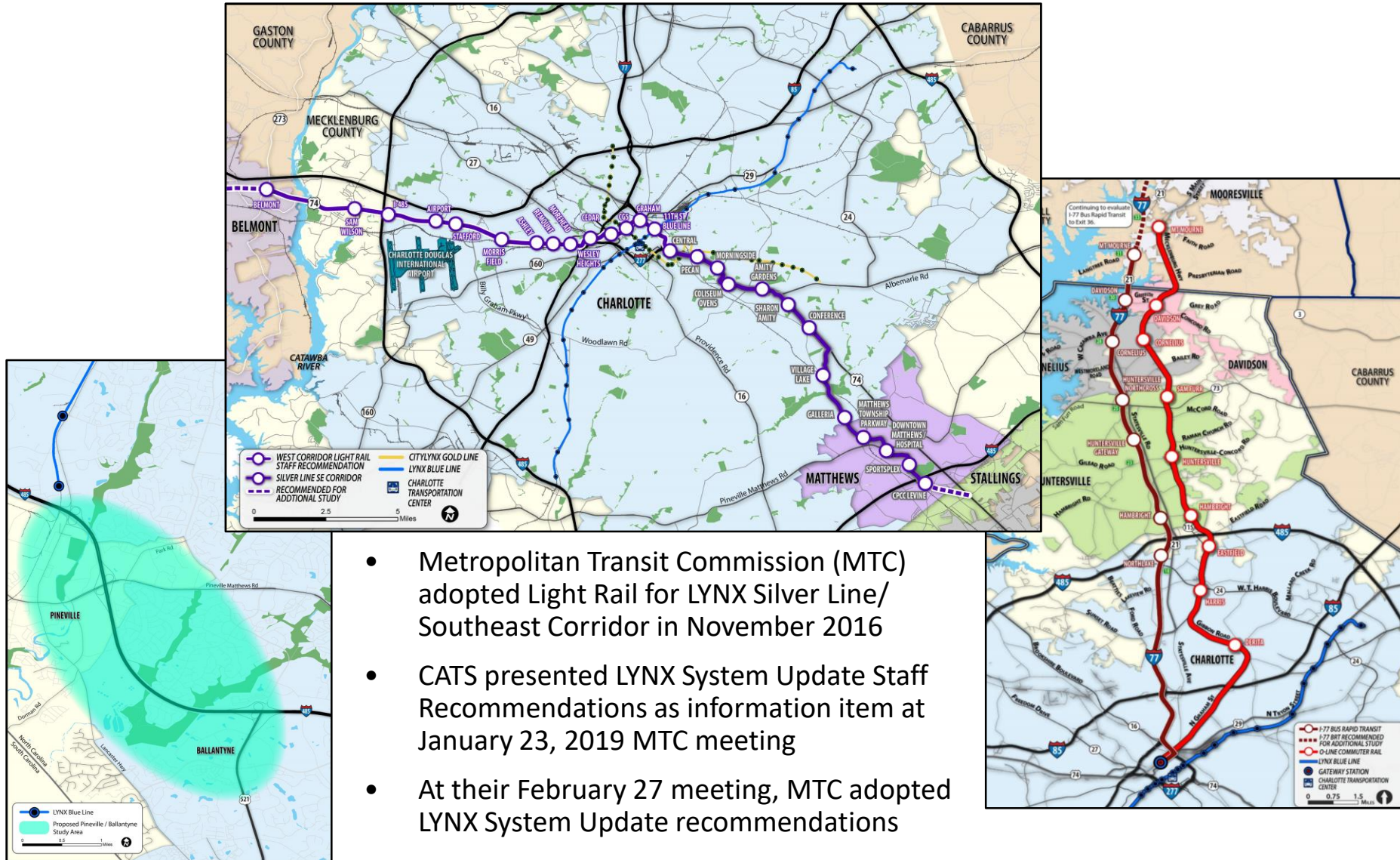


- 2000—Expansion of bus network
- 2002—2025 Transit System Plan
  - Streetcar Beatties Ford to Central Ave
  - BRT SE/W...continue to study
  - LRT
  - LRT Northeast Corridor
  - CRT North Corridor
- 2006—2030 Transit System Plan
  - Streetcar Central/Beatties Ford confirmed
  - Streetcar New West LPA
  - BRT SE...continue to study LR
  - LRT Northeast advanced
  - CRT North Corridor-alternative funding
- 2007—LYNX Blue Line opens
- 2009—Sprinter Airport Enhanced Bus
- 2015—CityLYNX Gold Line Phase 1 opens
- 2016—LYNX Silver Line LRT LPA adopted
- 2017—LYNX System update
- 2018—LYNX Blue Line Extension Opens
- 2019—Charlotte Gateway RFQ
- 2019—MTC Updates System Plan

## LYNX SYSTEM MAP







- Metropolitan Transit Commission (MTC) adopted Light Rail for LYNX Silver Line/ Southeast Corridor in November 2016
- CATS presented LYNX System Update Staff Recommendations as information item at January 23, 2019 MTC meeting
- At their February 27 meeting, MTC adopted LYNX System Update recommendations

## Short Term

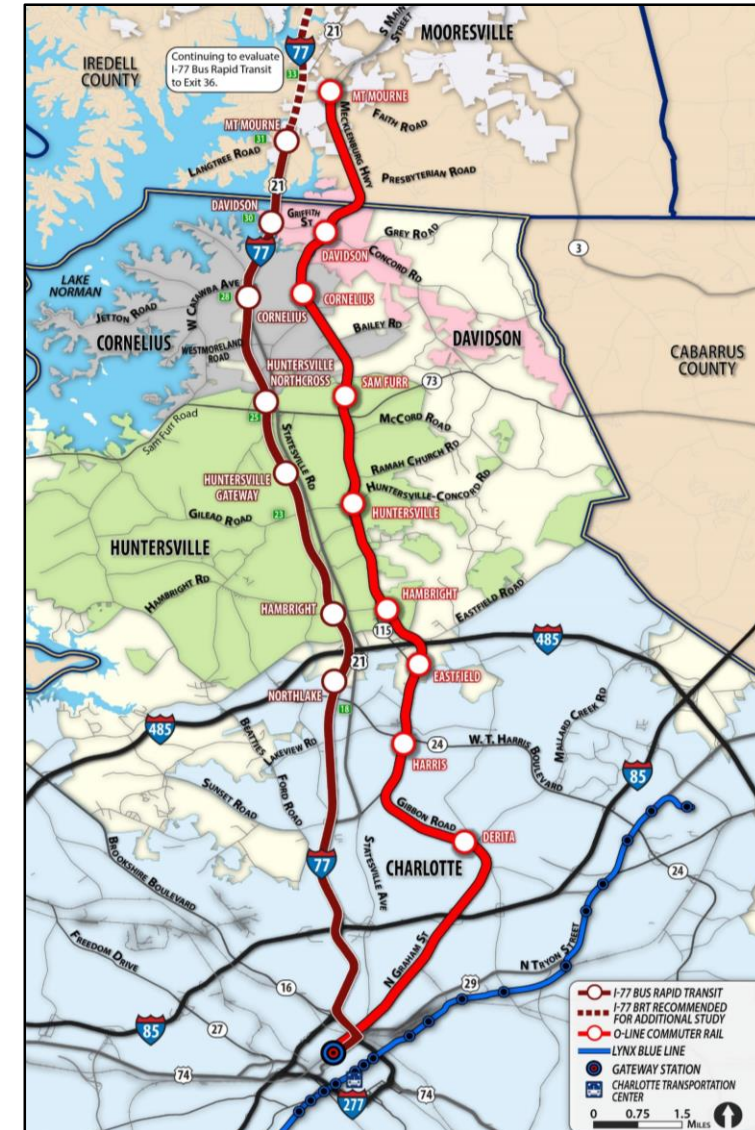
- Village Rider and Express bus stop amenity improvements
- Continued express lane bus service improvements as recommended in North Corridor Mobility Study and Envision My Ride

## Medium Term

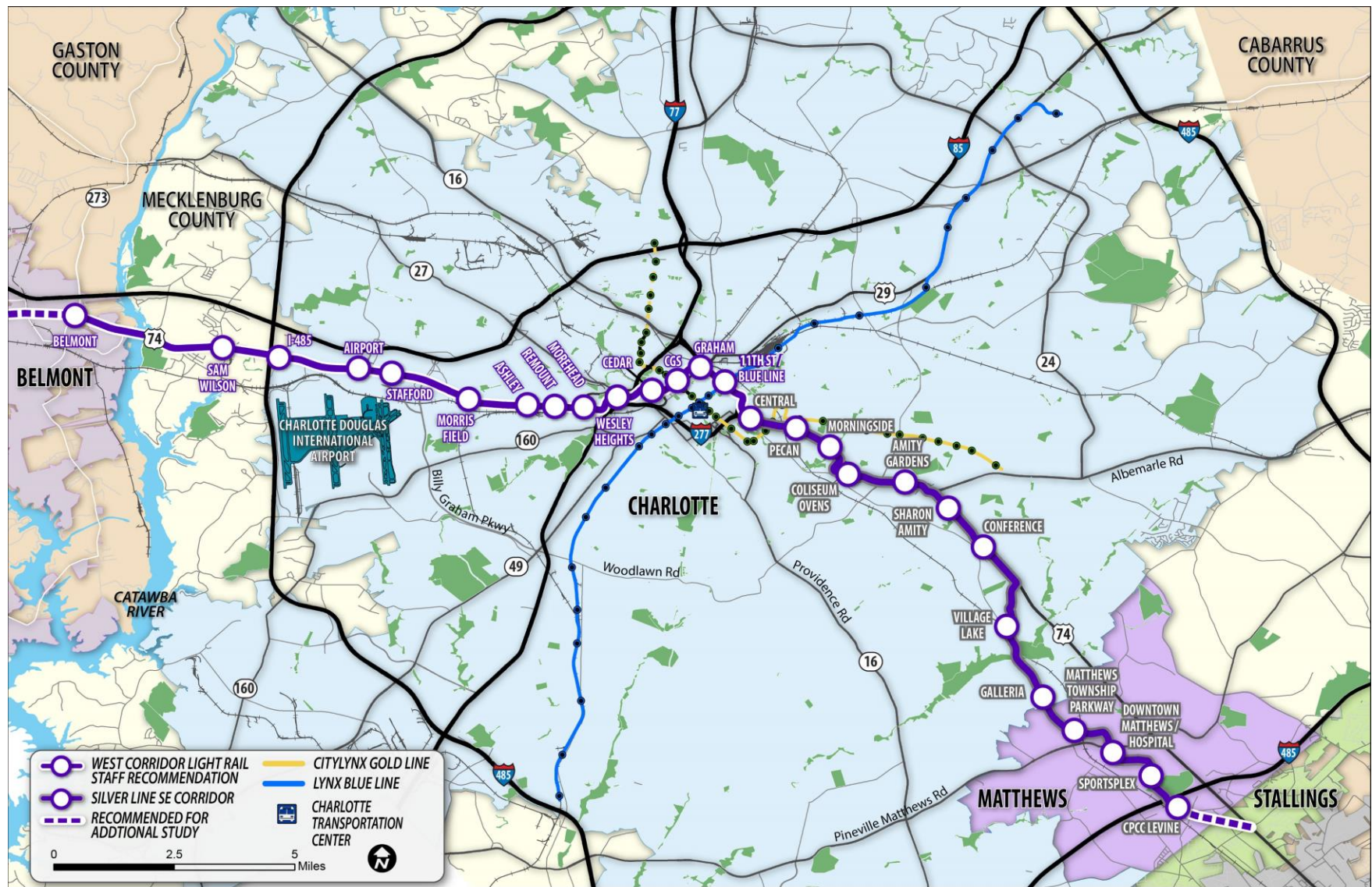
- Implementation of an I-77 Bus Rapid Transit service from Charlotte Gateway Station to Mooresville to include:
  - All day service including nights and weekends
  - Four new park and rides and two new express lane direct connects
  - Integrated BRT stations into mixed-use developments that also incorporate emerging mobility technologies for first/last mile

## Long Term

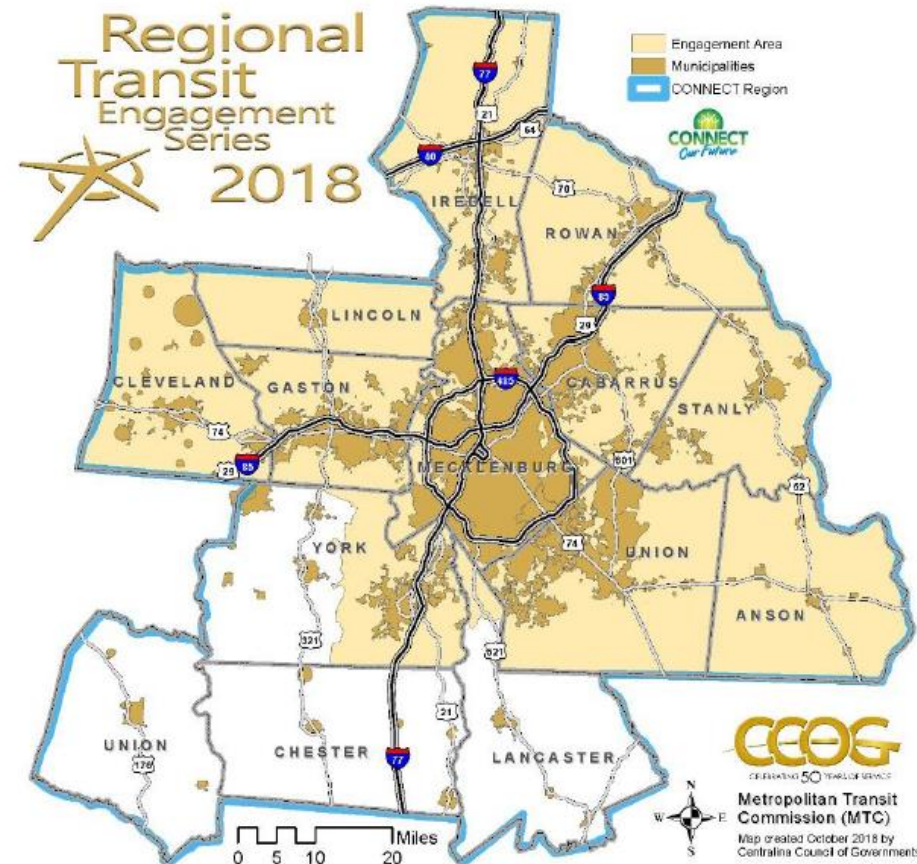
- Continue dialogue with Norfolk Southern on use of “O” Line corridor for a rapid transit project





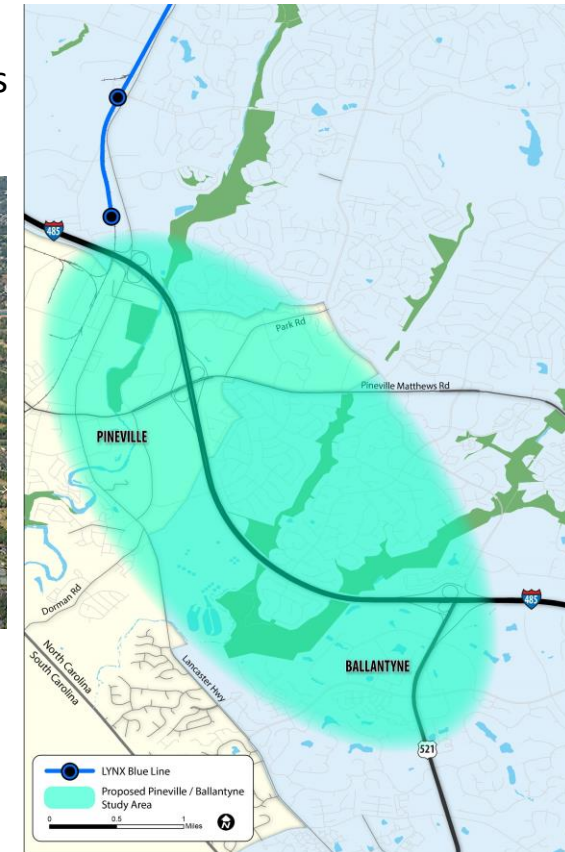


- MTC also approved LYNX System Update recommendation to evaluate rapid transit corridors including light rail extensions into adjacent counties as part of upcoming Regional Transit Study
- CATS & CCOG will lead effort beginning in 2019
- Study area will include 12 counties across two states
- In addition to light rail extensions plan will evaluate Bus Rapid Transit, Commuter Rail, expanded bus network and human service transportation





- During LYNX System Update and Regional Transit Engagement Series, there was significant interest in rapid transit to Pineville and Ballantyne
- CATS will continue LYNX System Update study to evaluate rapid transit options including light rail extension to Town of Pineville and Ballantyne community



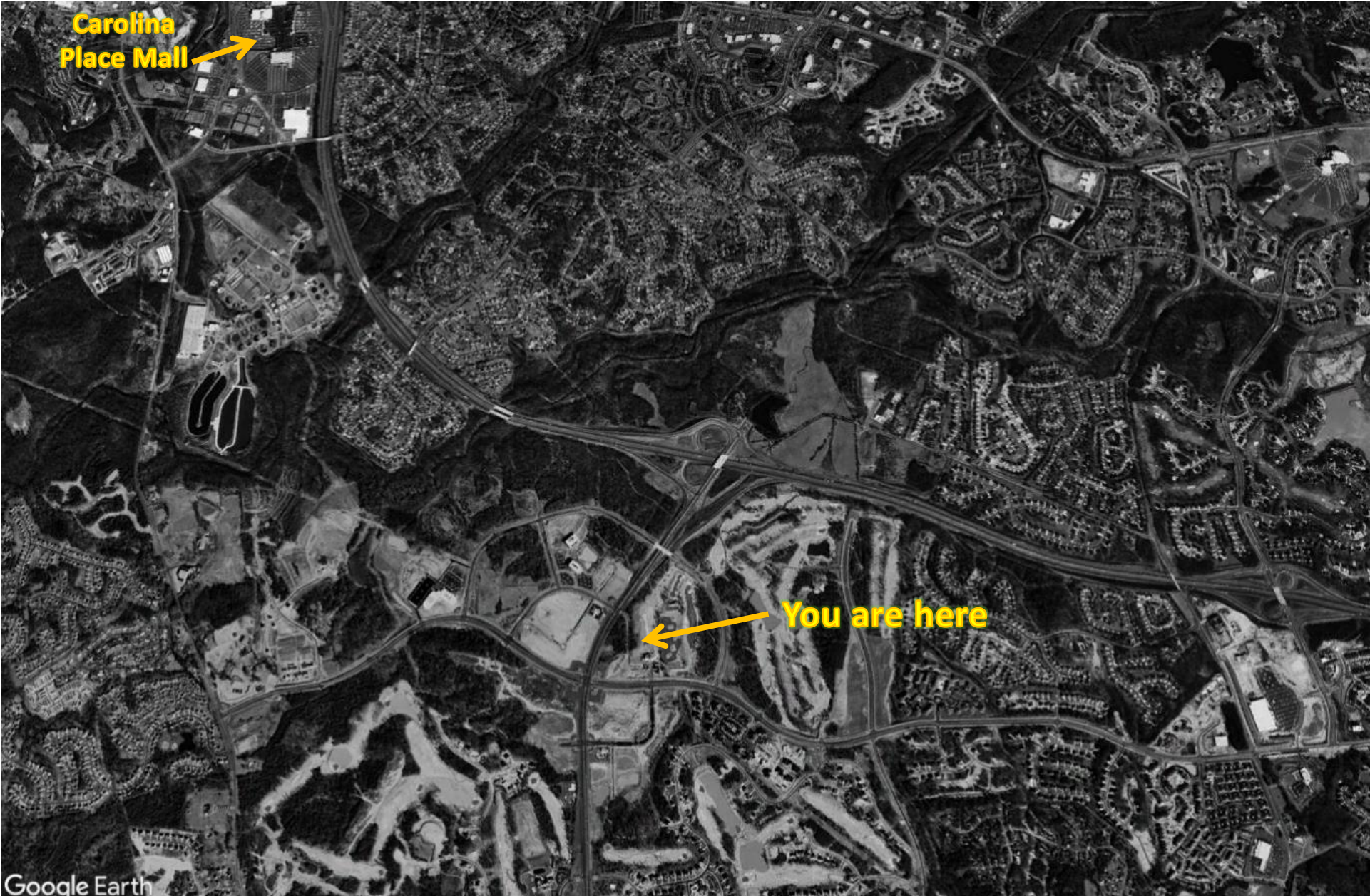




Carolina  
Place Mall

You are here

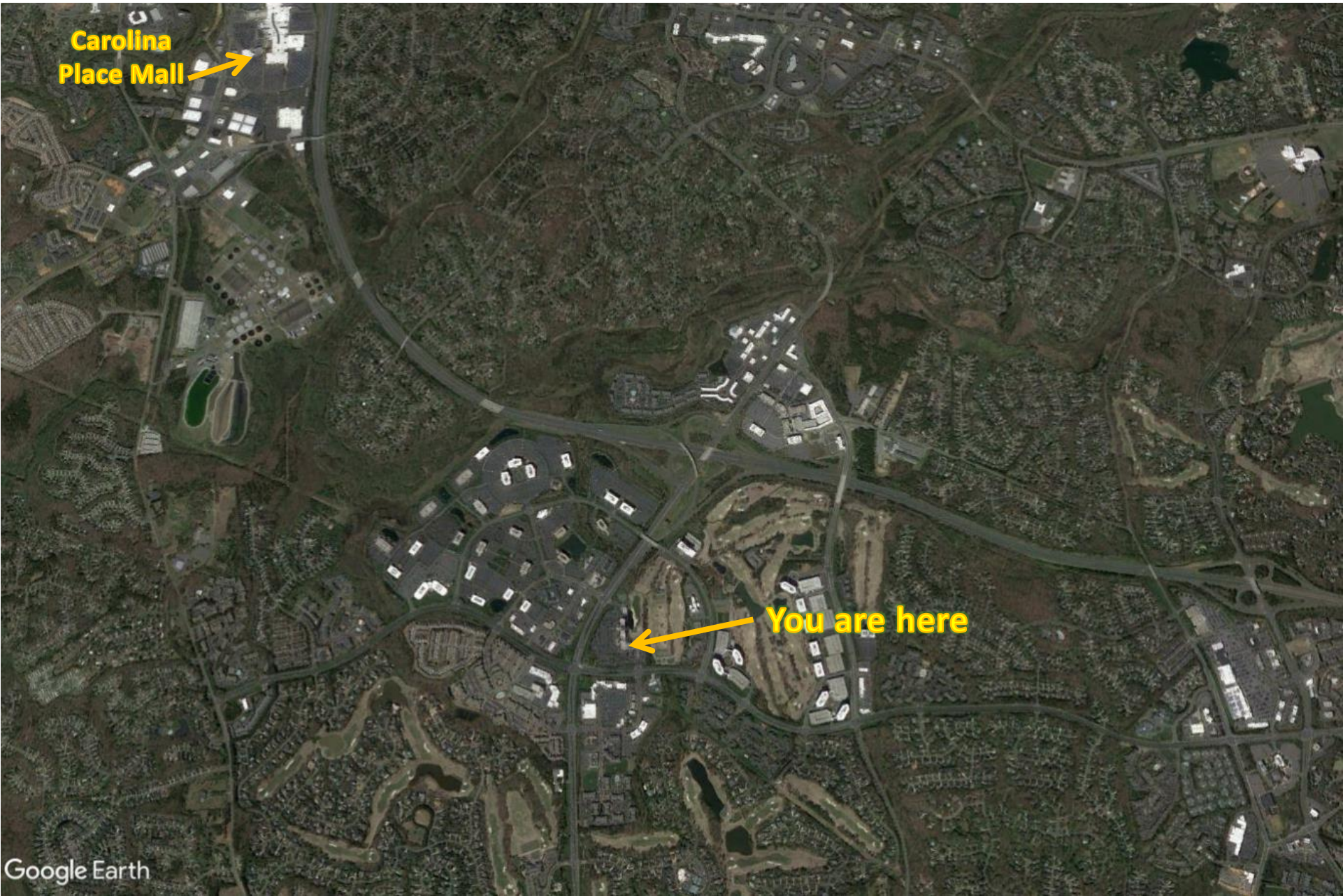




Carolina  
Place Mall

You are here







## Next Steps

- March
  - Initial data analysis and mapping
  - Stakeholder outreach
- April-May
  - Begin public outreach
  - Develop rapid transit options
  - Continue stakeholder outreach
  - Present rapid transit options to community
- June
  - Develop preferred concepts
  - Present options to MTC
  - Continue study in Regional Transit Study





# Questions?







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## Lunch Featuring Elected Federal Officials + Facilitated Table Discussions



**Moderator**  
**David Howard**  
NCDOT Chief Deputy Secretary



**Congresswoman Alma Adams**  
D-NC



**Congressman Ralph Norman**  
R-SC





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# Regional Level Discussion About Transportation Needs in the Area



**Moderator**  
**Mayor Jack Edwards**  
Pineville, NC



**Mayor Pro Tem Julie Eiselt**  
Charlotte, NC



**Liz Babson**  
CDOT Director



**David Hooper**  
Rock Hill-Fort Mill Area  
Transportation Study (RFATS)



**Bob Cook**  
CRTPO Assistant  
Planning Director

# Impact of Transportation on Local Economic Development



**Moderator**  
**Tracy Dodson**  
Charlotte Asst..  
City Manager



**David Swenson**  
York County Economic  
Development Director



**Jamie Gilbert**  
Lancaster County Economic  
Development Director



**Sven Gerzer**  
Vice President of  
Recruitment/European Sector,  
Charlotte Regional Business Alliance



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# Closing Remarks

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**Mayor Vi Lyles**

Charlotte, NC





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# Thank You!

## Victoria Nwasike

South Charlotte Partners Board Chair

Email: [Info@SouthCharlottePartners.org](mailto:Info@SouthCharlottePartners.org)

Website: [www.SouthCharlottePartners.org](http://www.SouthCharlottePartners.org)

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