



Transit & Transportation

Mobility, Accessibility & Connectivity

August 10, 2020

Overview

Annual Strategy Meeting

Focus on Mobility Accessibility & Connectivity

- Improve congestion mobility, connectivity and accessibility issues
- Improve the reliability and efficiency of the public transit system



Charlotte Moves Task Force

Transformational Mobility Network

Characteristics

SCALE

larger in scale or mobility impact

CONNECTED

integrates networks, systems, and services

MODE SHIFT

measurably shifts mode and travel choices

BARRIERS

overcomes barriers to key network completion

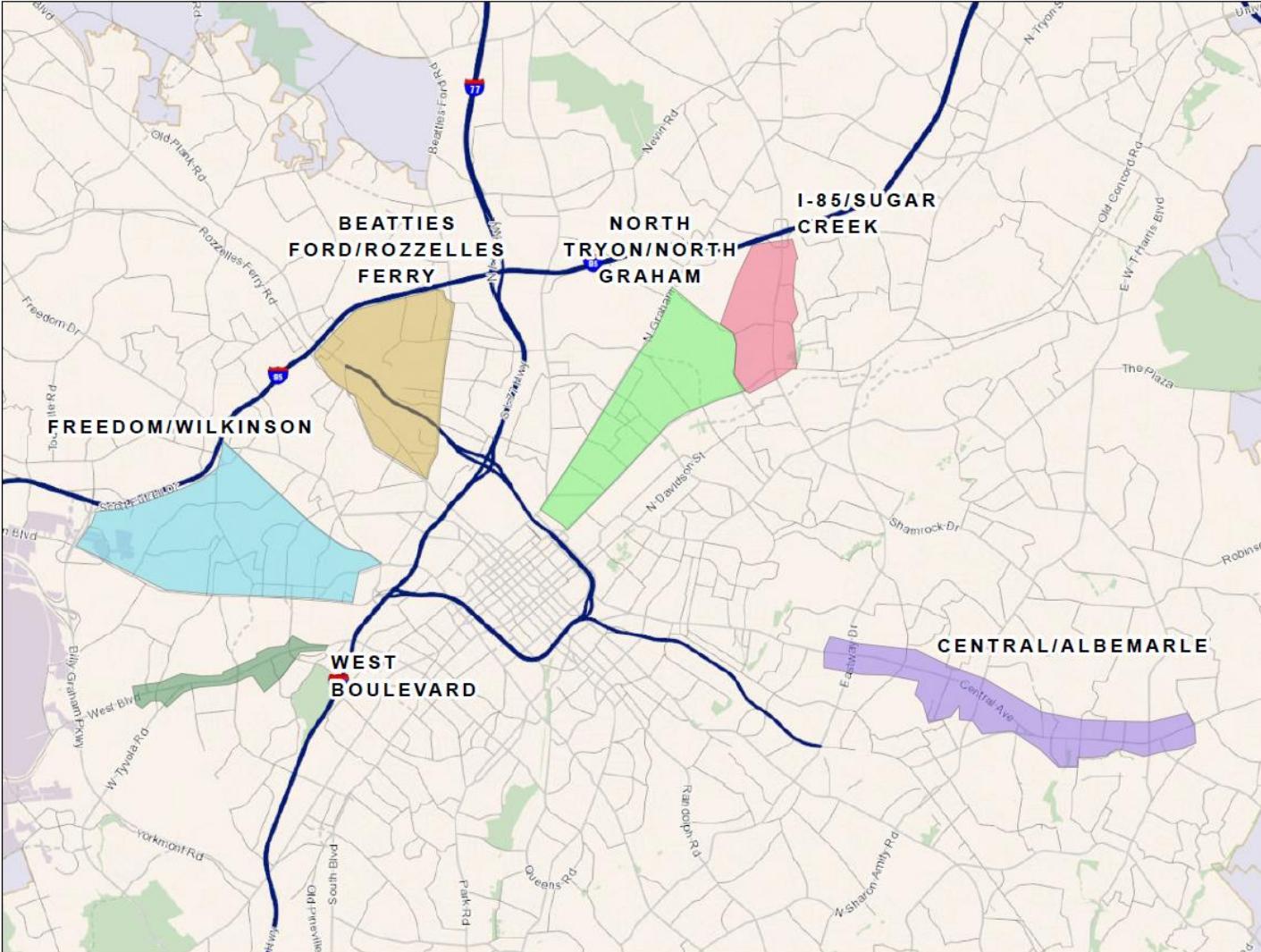
FUNDING

requires a higher level or accelerated funding

Examples



Six Corridors of Opportunities



GREAT NEIGHBORHOODS

SAFE COMMUNITIES

ECONOMIC INVESTMENTS

PLACEMAKING

TRANSPORTATION INFRASTRUCTURE

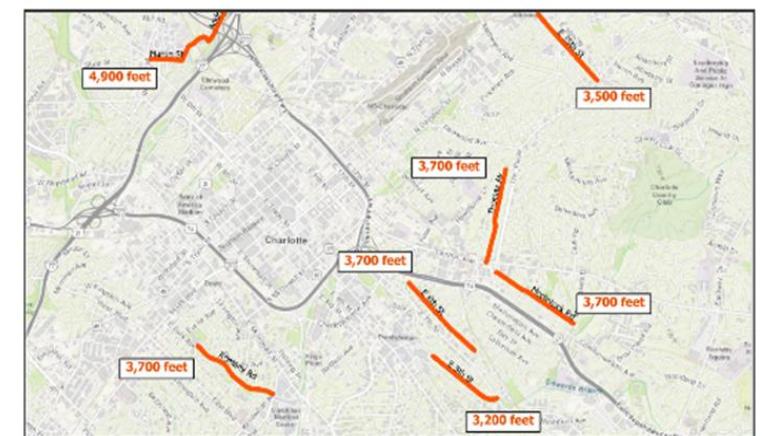
TRANSIT IMPROVEMENTS



Shared Streets Program

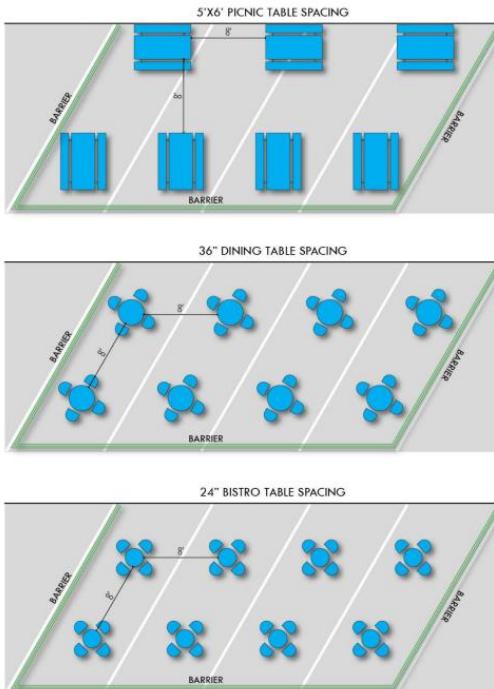


- Phase 1:** Launched May 9, 2020
- Phase 2:** Launched June 27, 2020
- Phase 3:** Launching August 8, 2020
- Phase 4:** Evaluation



Streateries Program / Outdoor Dining

To assist restaurants during re-opening.
Guidelines allow for restaurants to utilize parking
spaces and extra sidewalk/street space for
temporary outdoor dining conversion.



Businesses that have registered
for temporary outdoor dining
(June 18 – July 23)

Case Study: Streateries Program / Outdoor Dining

The City of Belmont's outdoor dining program closes Main Street to vehicles every Friday and Saturday night to allow for public outdoor dining until restaurants are able to open at full capacity. The City provided and set up the dining area.



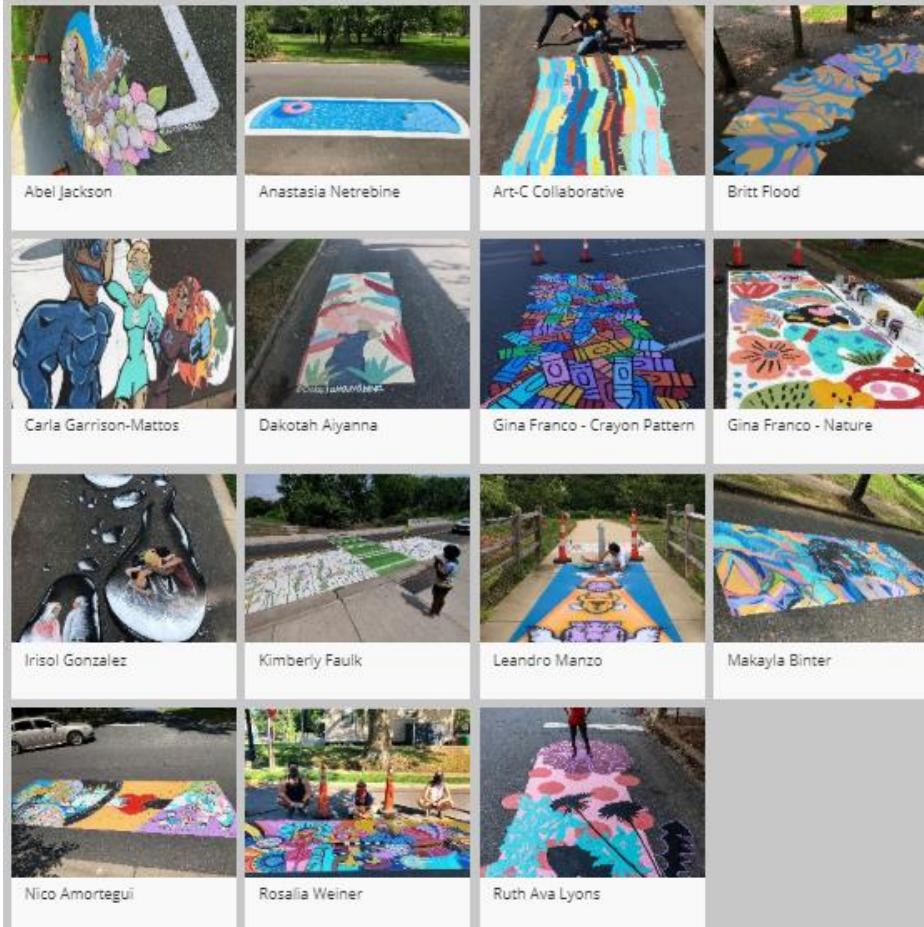
Shared Street Murals

15 Neighborhoods - \$15,000 to Local Artists – One Month

LOCATIONS

(SS) indicates Shared Streets designation

- 8th Street (SS)
- 35th Street (SS)
- Andrill Terrace (SS)
- Barringer Drive
- Crestdale Drive
- Enderly Road
- Harrill Street
- Lookout Point Drive
- Marney Ave
- Romany Road (SS)
- Sandy Rock Place
- Thomas Ave (SS)
- Wallace Road
- Westfield Road (SS)
- Wyanoke Ave



Local artist's from the City's Placemaking Artist Pool installed 15 concepts to capture the impact of COVID-19 and the resiliency and sustainability of our city... all during the month of June.

Black Lives Matter Mural + Pilot Plaza

- Quick implementation
- Partnership with local organizations
- 17 local artists
- City Placemaking Program
- \$500 per artist per letter
- Block/Street closure Thru Sept. 30
- Community gathering place



Black Lives Matter Murals in NC



Gastonia, NC

Installed Jun 25th
Multi-Artist
Public Basketball Court
Donation Funded



Fayetteville, NC

Installed Jun 29th
Volunteer Painted
No Vehicular Access
City Funded



Greensboro, NC

Installed Jun 28th
Multi-Artist
3 Day Street Closure
City Funded



Asheville, NC

Installed July 19th
Multi-Artist
Vehicular Access
Art Council Funded



CATS

Envision My Ride

Launched in 2016 to redesign the current bus system by:

- Moving away from a hub-spoke network
- Developing a more frequent and direct bus network; Incremental and Aspirational
- Implementing improvements through a three phased approach: Structural, Frequency, & Reliability



Structural

March 2018 Opening of LYNX BLE

- 22 existing routes adjusted
- 9 new routes established
- 4 new cross-town routes

October 2018

- 24 additional routes adjusted

Frequency

February 2020

- Increase frequency on 4 routes to 15 minutes
- MetroRapid I-77

Envision My Ride



Reliability

- Will identify additional bus enhancements on major corridors
- Enhancements may include: Bus only lanes, queue jumper, transit signal priority, adjustments to bus stop amenities and spacing.
- Improve speed and reliability for proposed high frequency network
- Develop Mobility Hub program
- Kicked off effort in December 2019 with Bus/Bike Lane Pilot
- Study kick off planned for Fall 2020

A New Day

The Pandemic has created new questions and considerations

- What does Transit look like during and post pandemic?
- Has highlighted the importance of essential service and workers
- There is a need for an essential services network plan.
- Proved how important our work is to a functioning society.
- Provides a unique opportunity to revision and rebuild our network not based solely on ridership but on value to the community
- Prior to covid, big changes would be incremental. Now, mobility can, will, and must change quickly.
- The need for passenger data is even more necessary.
- Social distancing must be considered in all aspects of planning ad operating.
- We must incorporate resiliency as a planning metric

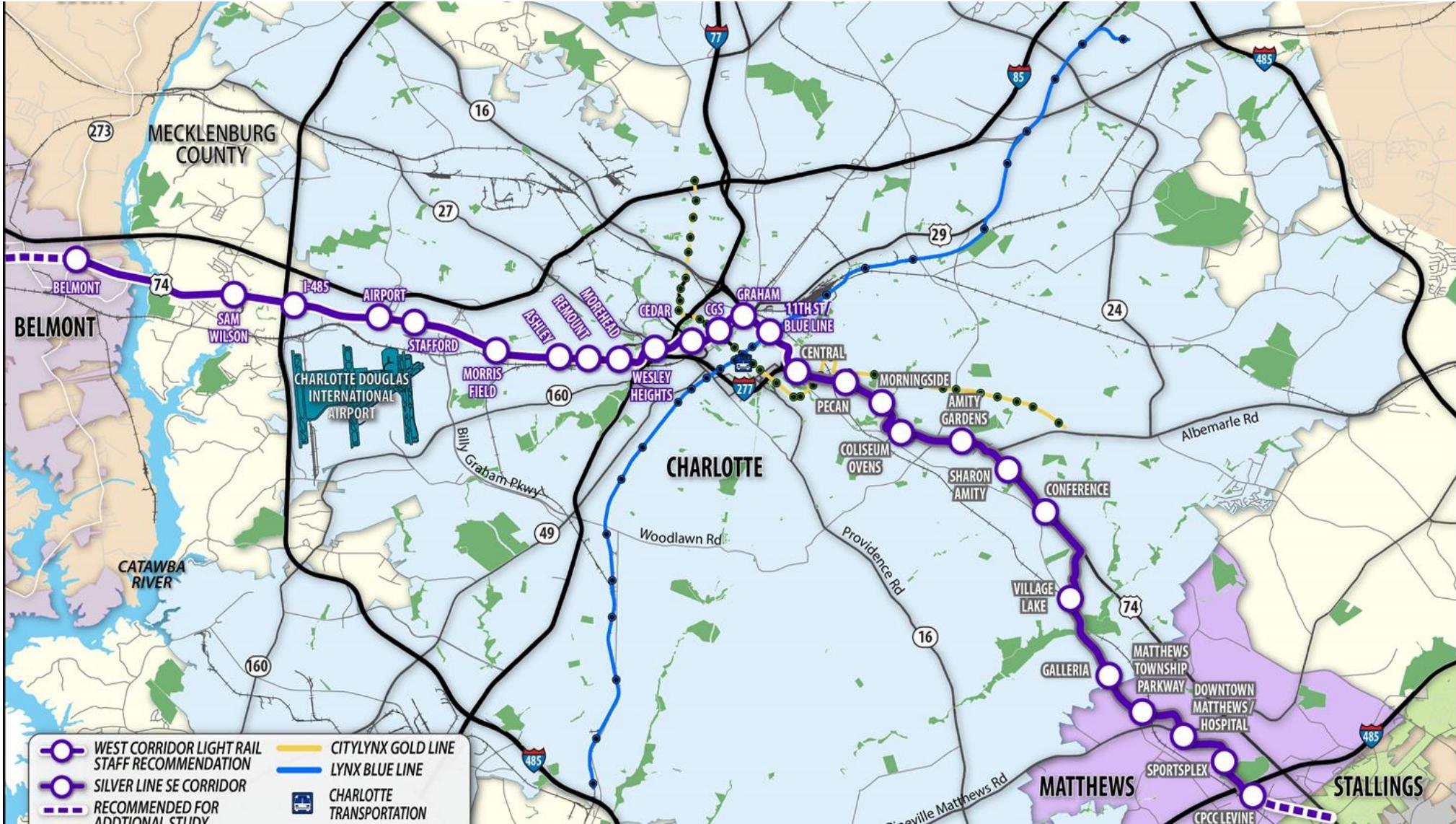
CATS Response to COVID-19

- **Service Changes for June and Beyond**

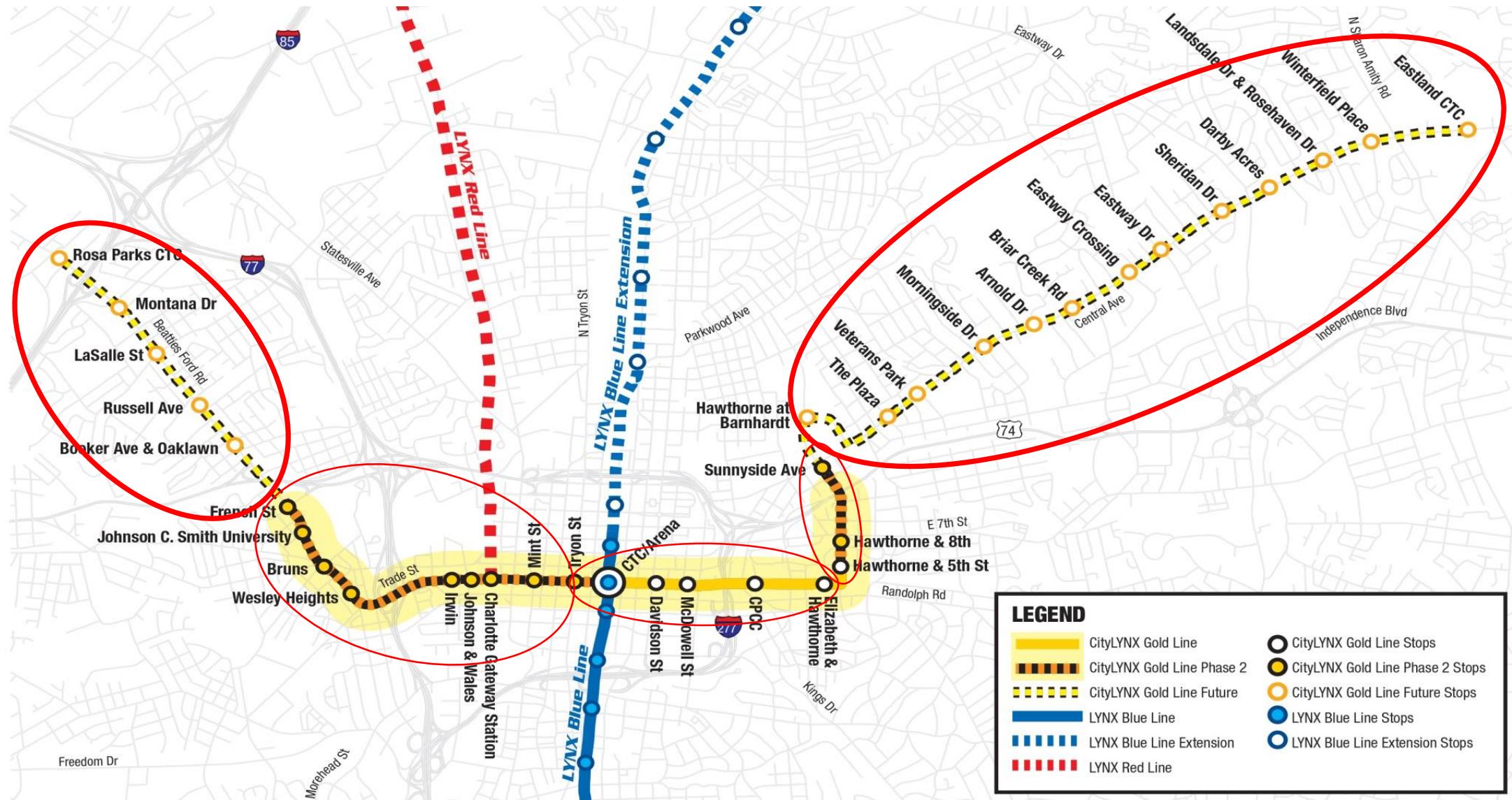
- CATS continues to track routes for trips carrying more than 20 people
- Developed June schedule that created more headway consistency on LYNX Blue Line and 10 bus routes: 5, 7, 8, 9, 10, 11, 16, 21, 27 and 34
- Increased service on the following Opportunity Corridors: Beatties Ford Rd, West Blvd, Central Ave, Albemarle Rd, Freedom Dr, Wilkinson Blvd, and North Tryon St
- Developing an essential services plan
- Creating a new bus network that is value driven with more frequency for today's ridership, but supports the mission of Charlotte 2040 and CATS 2030 Plans.



LYNX Silver Line Project



CityLYNX Gold Line



Phase 3 – Work Plan

- Environmental Document Update and Approval
- Assess Stop Locations to serve and promote continued Economic Development
- Assess Maintenance Facility Location and Design
- Refresh 30% Design
- Update Cost Estimate
- Seek Federal Funding to complete Design and Construction





CDOT

Introduction

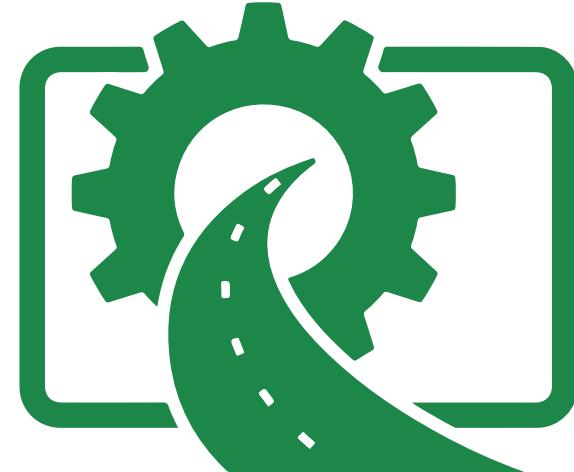
Each year the NC General Assembly approves annual funding for maintaining the right-of-way of cities and towns



Highway Fund



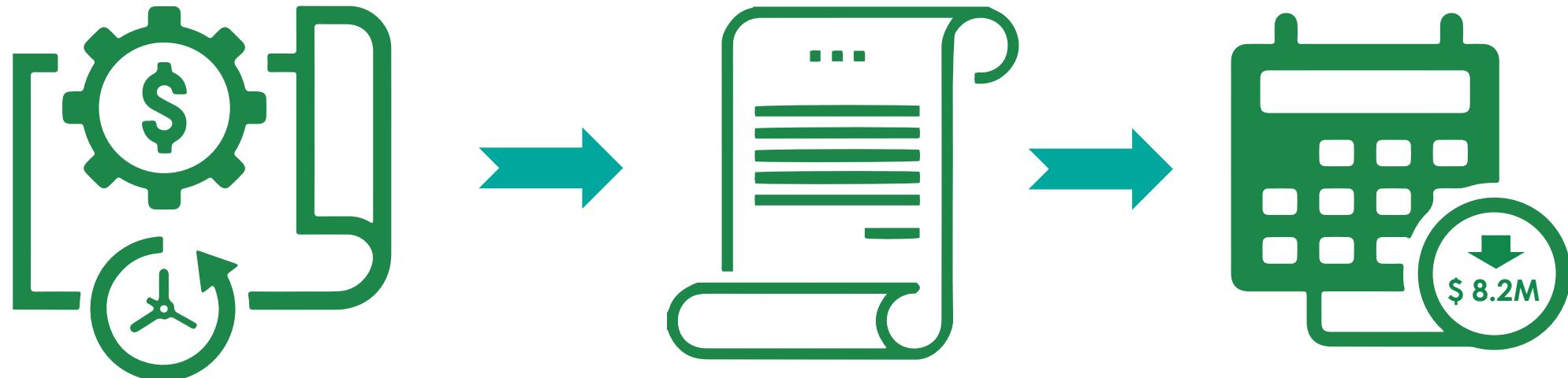
Powell Bill Funds



Routine Maintenance

What's Different This Year?

COVID-19 has had a drastic impact on public safety, transportation, healthcare, education, and public services.



FY2021 HB77, NCDOT Funding Bill

Powell Bill Program

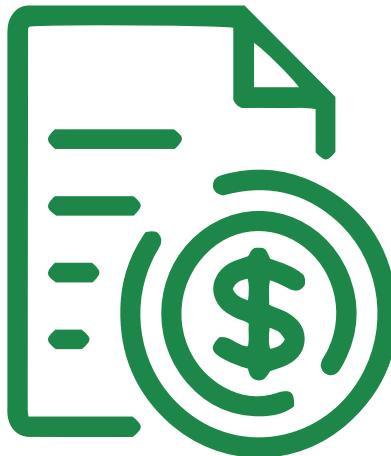
FY2021 Resurfacing Program

We've Got This Covered!

Charlotte's Street System consists of 5,415 lane miles.



Charlotte's Street System



Proposed Budget Adjustments
and Operational Adaptations



Reducing Amount
of Capacity for
Resurfacing Streets

Here's The Good News!



The North Carolina Department of Transportation (NCDOT) administers a statewide asset maintenance program on state roadways within municipal jurisdictions.



Maintenance Agreements



NCDOT
Reimburses Annually



FY2021
Expenditures



Thank You!