




Transit & Transportation

Mobility, Accessibility & Connectivity

Nov. 2, 2020



CATS Battery Electric Bus



CATS Low/No Emissions Grant Award

- FTA awarded \$3.7M grant to CATS through Low or No Emission (Low/No) Program
- Funds to purchase an estimates 6 Battery Electric Buses (BEB), charging, and training
- CATS committed 50% match for grant
- Private Sector Partner – Duke Energy
- Next Steps
 - Test operating performance of 3 BEB manufacturers to determine best option
 - RCA for approval of grant anticipated in December



American Cities
Climate Challenge



CATS/Duke Energy P3

- CATS received unsolicited proposal from Duke Energy to replace CATS diesel buses with BEB technology
- Proposal includes acquisition of buses, charging infrastructure, workforce development and training
- Opportunity to make significant stride towards our 2030 SEAP fleet goal
 - Strive to source 100% of City's energy use in its buildings and fleet from zero carbon sources by 2030
- Next Steps:
 - Final contract negotiations underway

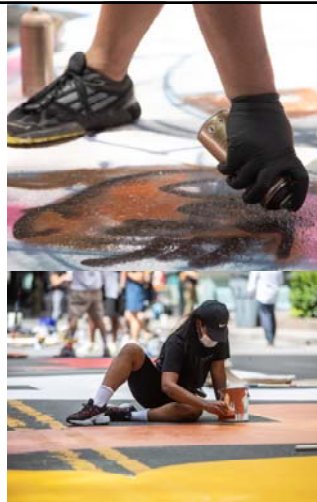




Tryon Street Pilot Plaza

Key Dates

- ◀ **June 9, 2020**
 - Mural installed
 - People begin visiting the site
- ◀ **June 12, 2020**
 - Tryon Street (3rd – 4th) closed to vehicles
- ◀ **September 30, 2020**
 - Study period ended
- ◀ **Nov. 9, 2020**
 - Re-Open Tryon



Pilot Plaza Project Goals

- ◀ **Create a safe, positive, and welcoming experience** for all visitors, residents and businesses.
- ◀ **Address safety, sanitation, and functionality** of the plaza.
- ◀ **Prioritize programing and interventions** that promote public safety and social distancing in an inclusive environment.
- ◀ **Identify opportunities** to support the functions and viability of the businesses located on the plaza block.
- ◀ **Test innovative best practices** for public space design, management, and programming.
- ◀ **Develop a plan** to ensure a lasting impact of the mural.



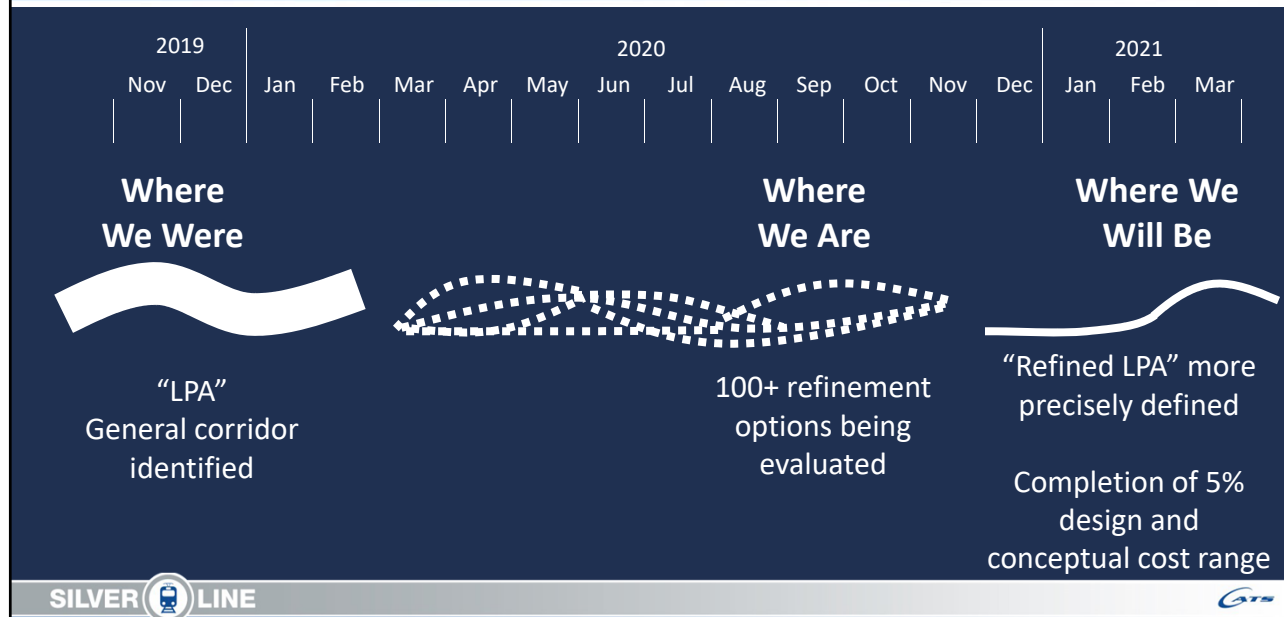
Next Steps

- ◀ **Reopen to vehicular traffic**
 - Nov. 9
- ◀ **Work with Center City Partners to support Uptown Businesses**
 - StreetEats, Installations
- ◀ **Mural will weather with wear and tear**
 - Will not be repaved in next couple of years.
- ◀ **Remains option for closing for events with permits**
 - Per City policy
- ◀ **Future Study – Tryon Street Pedestrian Study**
 - Near Term: Determine the scope
 - Connect to implementation of the Center City 2040 Vision Plan
 - Launch following Vision Plan adoption
- ◀ **Placemaking Program in Uptown**
 - Continue building programming and maintenance knowledge city wide
 - Provide new opportunities to activist art in uptown in future (in new and existing public spaces)

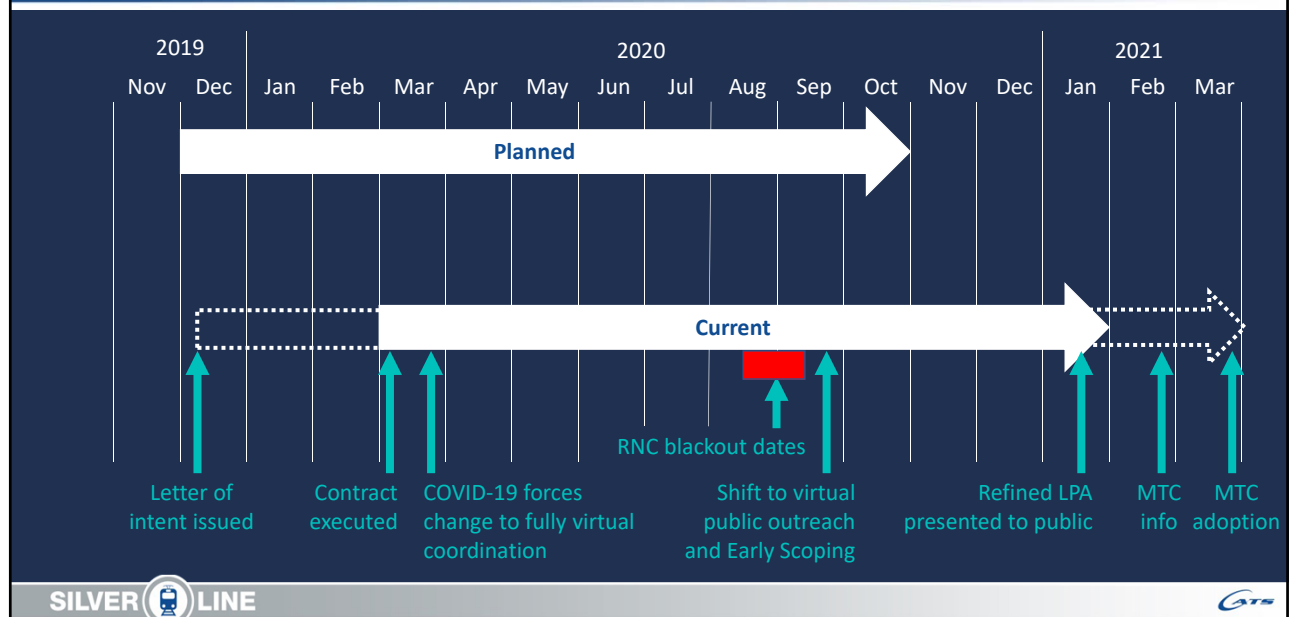
Silver Line LRT



Phase 1- LPA Refinement Approach



Silver Line Phase 1 Schedule





Gold Line Phase II



LYNX Gold Line Phase 2 Project Update

Major Milestones:

- ◀ Hawthorne Lane Bridge open to traffic (end of 2020)
- ◀ Project construction substantially complete (early 2021)
- ◀ In-street vehicle testing follows substantial completion (minimum 90 days)
- ◀ Revenue service (early 2021)

Central Avenue Bus-Only Lane Pilot

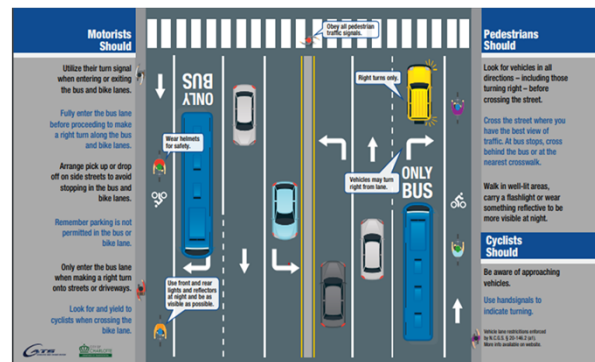
Central Avenue Bus Pilot Study

Envision My Ride/Bus Priority

- ◀ April 3, 2017
- ◀ August 27, 2018
- ◀ December 9, 2019
- ◀ February 27, 2020

Implementation

- ◀ September 8 Council approval
- ◀ 6-month Pilot study



Study Phases

4th St Pilot (Phase 1)

- Shared bus/bike lane between McDowell St & Charlotte Transportation Center
- December 2019

Central Ave. Pilot (Phases 2)

- Bus only lane between Eastland Transit Center & Eastway Dr.
- October 2020

Central Ave. Pilot (Phases 3)

- Will look at implementing a priority treatments along entire Central Ave. corridor



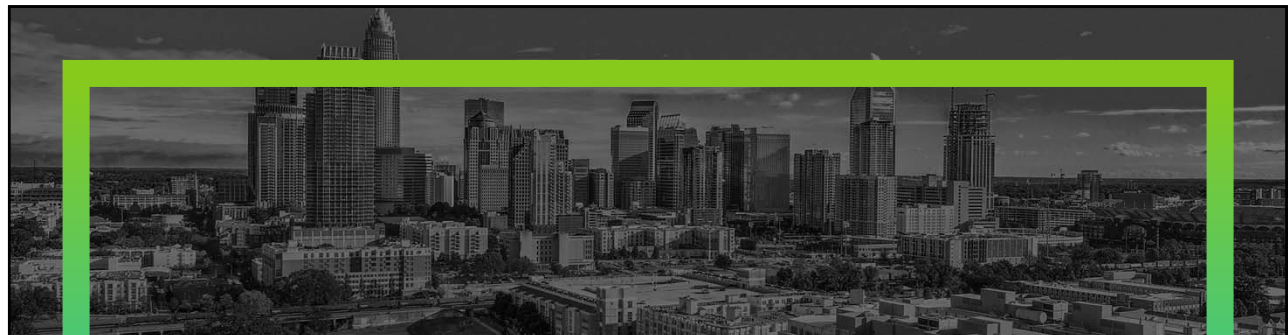
A
30" x 36"



B
36" x 36"



C
R3-5a
30" x 36"



Thank You!