



Charlotte City Council
LYNX Silver Line Design and Environmental Services
10/14/2019

PURPOSE

Present details on proposed LYNX Silver Line Design & Environmental Process and Transit Oriented Development Planning Services Contract

FUTURE COUNCIL ACTION

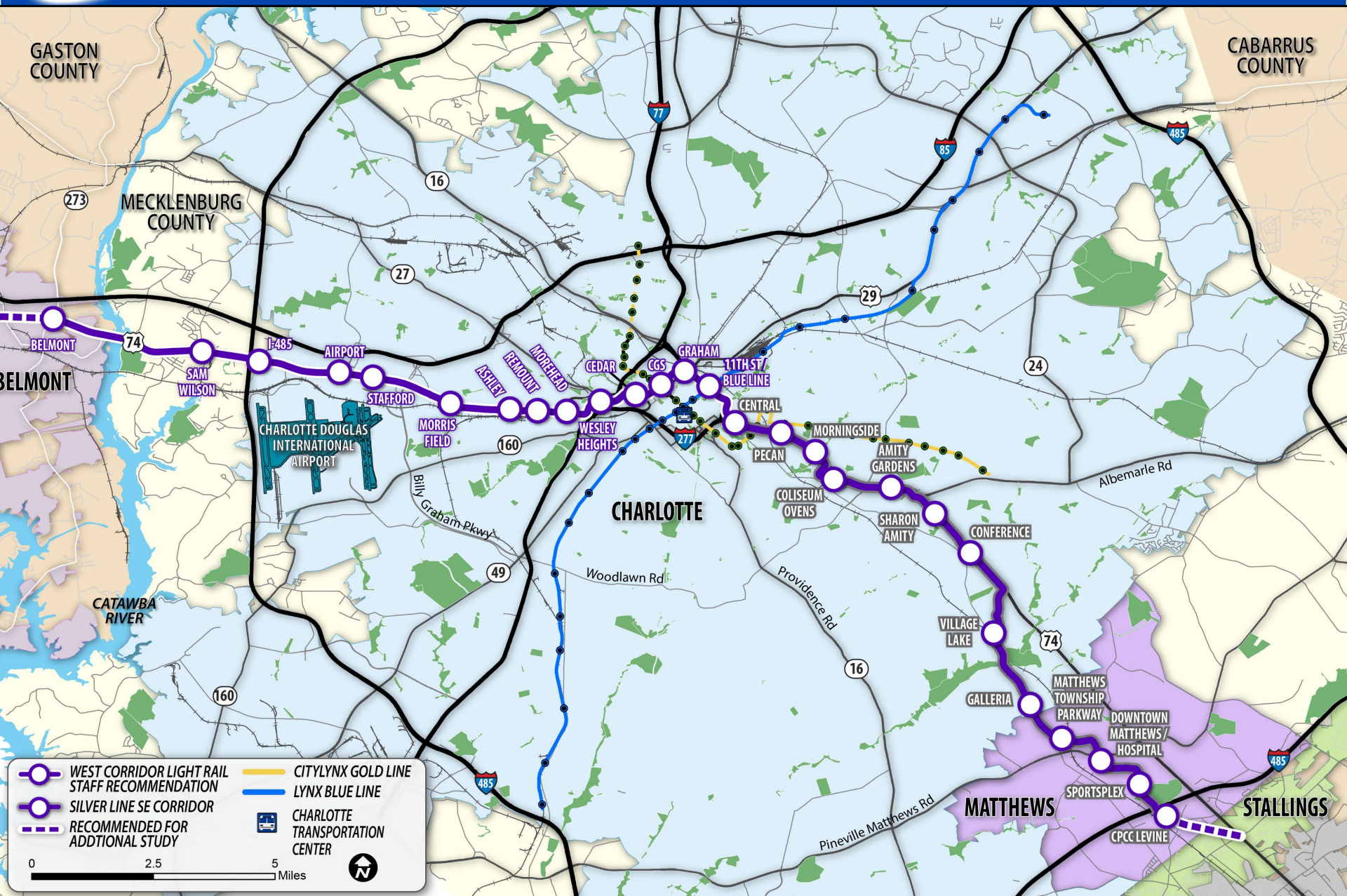
October 28: City Council vote on LYNX Silver Line Design and Environmental Contract & Transit-Oriented Development Planning Services

The LYNX Silver Line

- One of the most ambitious projects ever pursued by the City
- Major transit connector connecting Airport, Blue Line, Gold Line, CGS, Bank of America Stadium, BB&T Ballpark, Charlotte Gateway Station, Central Piedmont Community College, etc.
- Nearly 3 times longer than Blue Line Extension
- 26 mile alignment, 28 proposed stations including 14 with parking facilities, and a vehicle maintenance facility

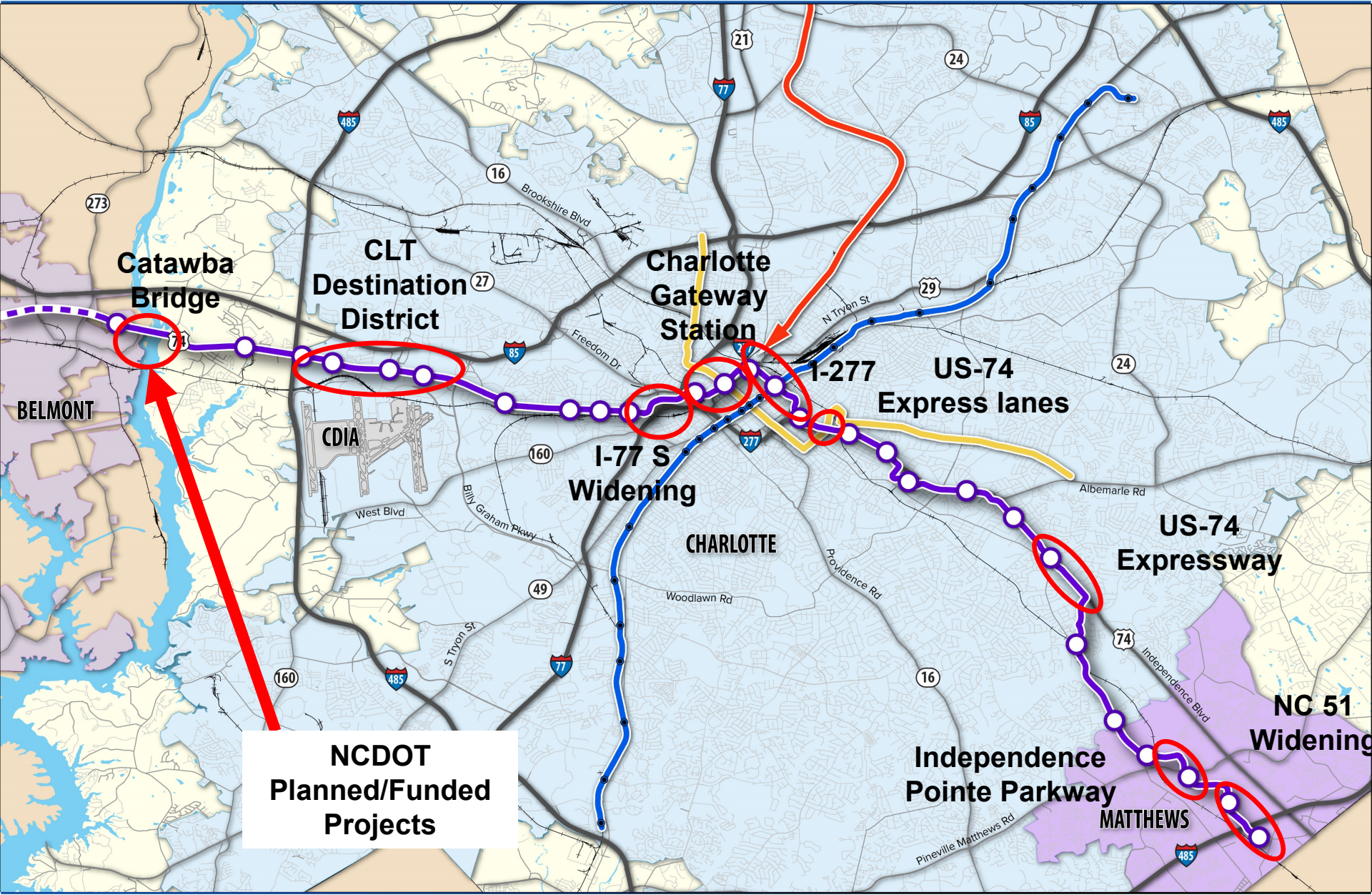
Previous Action

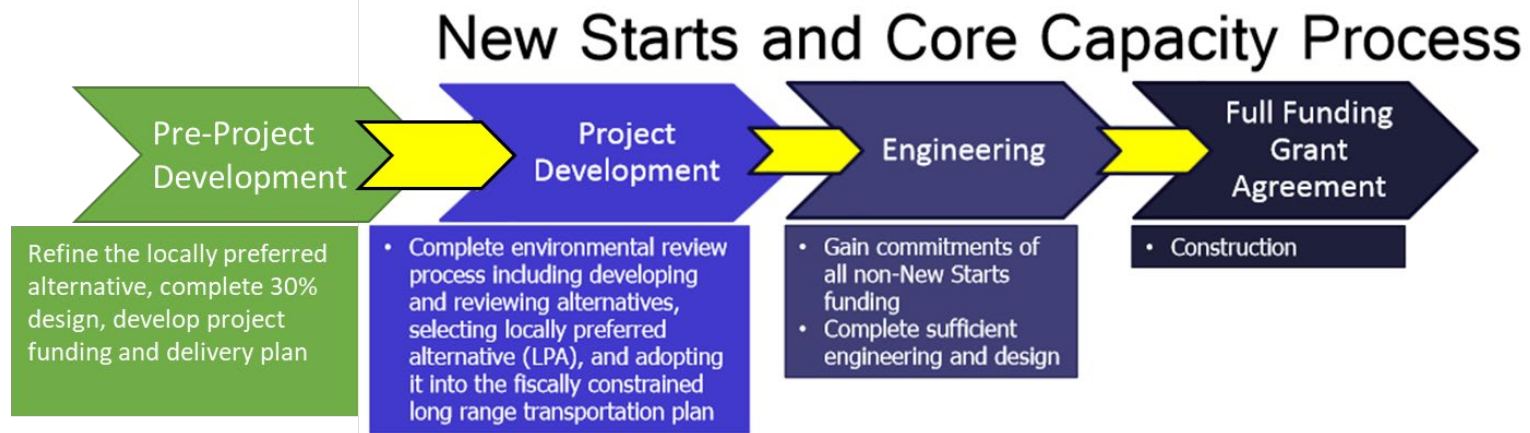
- November 2016: MTC Adopted Light Rail for the LYNX Silver Line Southeast Corridor in November 2016
- February 27, 2019: MTC adopted the light rail along Wilkinson Blvd for the West Corridor, to be included in the LYNX Silver Line



Critical to advance the Silver Line into Design and Environmental process due to three key factors:

- **NCDOT Coordination**
 - 13 NCDOT projects in planning/design along Silver Line
- **Developer Coordination**
 - TOD and rezoning proposals
- **Real Estate Acquisition**
 - Corridor preservation





- CATS is initiating a pre-Project Development phase prior to official entry into FTA Project Development phase
- Project Development phase must be completed within two years
- At Entry to Engineering, FTA locks in the federal amount
- Design needs to be advanced enough to ensure the reliability of the scope and cost

- Refine the Locally Preferred Alternative (LPA)

- ✓ Environmental screening
- ✓ Surveying
- ✓ Design criteria
- ✓ Refine alignment and station locations

- Advance design and cost estimate

- ✓ 15%, 30%, and 65% design plans
- ✓ Capital cost estimate
- ✓ Risk assessment

- Complete environmental process

- ✓ Draft and Final Environmental Impact Statement

- Third party coordination

- ✓ NCDOT
- ✓ Railroads

- Public involvement



CATS in partnership with Charlotte Planning, Design + Development Department, City of Gastonia, City of Belmont, Town of Matthews, Town of Stallings, and Town of Indian Trail received a \$920,000 planning grant for **Transit Oriented Development Planning** from the Federal Transit Administration.

Community Education and Engagement

- Transit Oriented Development basics
- Affordable housing
- Lessons Learned

TOD Readiness/Market Study

- Market analysis
- TOD opportunities
- Development strategies

Station Area Planning

- Analyze station location goals/options
- Future land use recommendations
- Illustrative plans

Implementation Strategy

- Action steps and TOD strategies
- Infrastructure needs
- Corridor preservation

October 28, 2019 City Council Meeting:

1. LYNX Silver Line Design and Environmental Contract
 - Award contract to WSP USA Inc.
 - Initial contract up to \$50 million
 - Future amendments will be needed to complete Project Development

2. LYNX Silver Line Transit-Oriented Development Planning Services
 - Award contract to Kittelson & Associates
 - Contract amount up to \$1,150,000
 - City of Charlotte, City of Belmont, and City of Gastonia providing grant matching funds

