

LYNX SILVER LINE LIGHT RAIL

City of Charlotte Transportation and Planning Committee

November 7, 2022



Today's Purpose



**LYNX Silver Line
light rail update**



**Proposed
Refinement at
Bojangles
Coliseum Area**



**Potential Center City
Alternatives and
Morehead Extension**

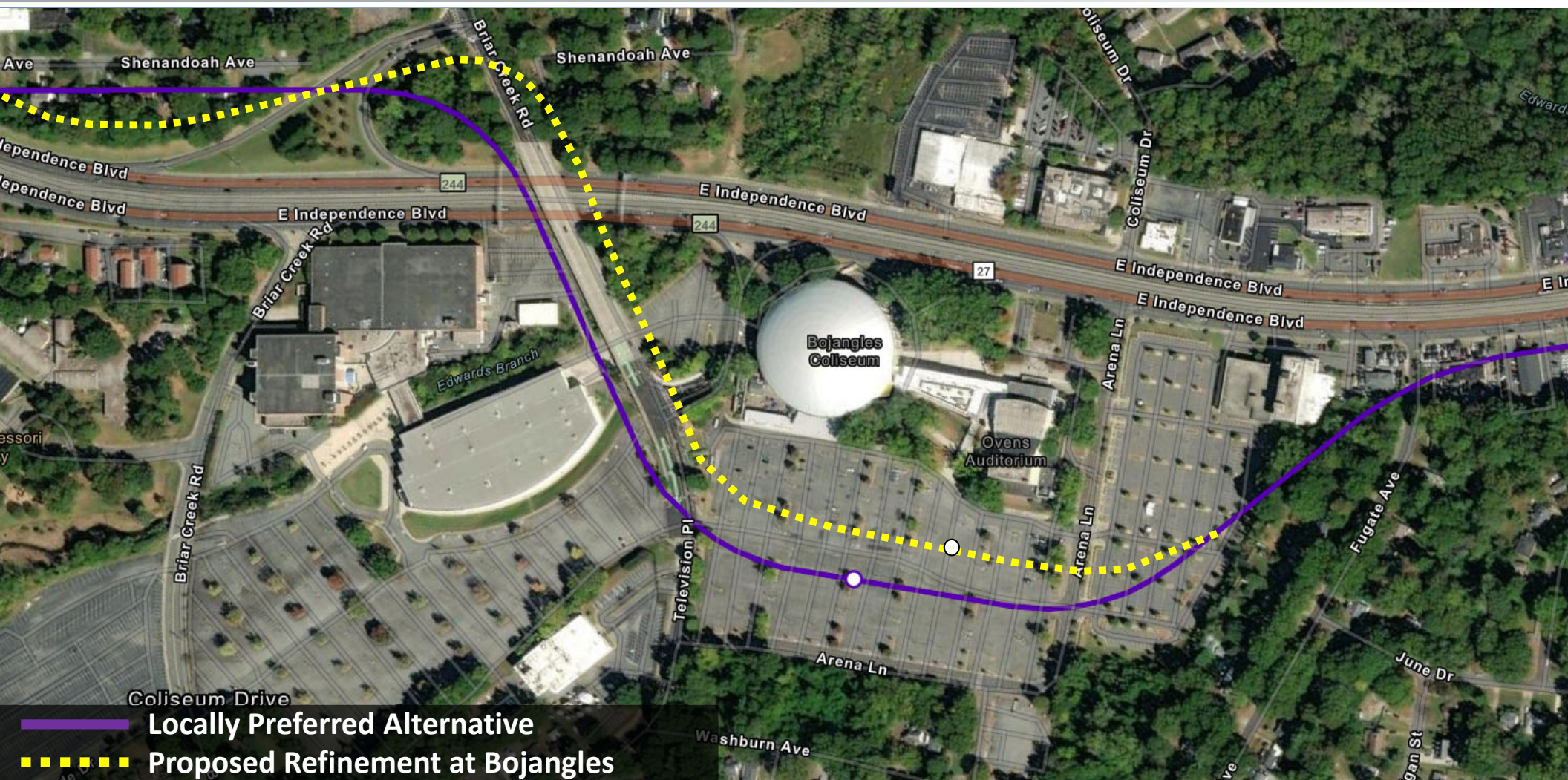


**Answer
questions**

Bojangles Coliseum: Proposed Refinement



Proposed Refinement at Bojangles Coliseum Area



Bird's Eye View Looking Southeast Along Independence Blvd



Bojangles Coliseum Area: Comparison of Options

	① LPA	② Proposed Refinement
 Local Connectivity	• Pedestrian street crossing required from station to Bojangles	• Better pedestrian access to Bojangles Coliseum & Ovens • Better bus and special event circulation
 Development Opportunities	• Reconfigured street network creates difficult access to some parcels	• Better access to Park Expo
 Environmental Considerations	• Lower bridge over Independence Boulevard • Potential neighborhood traffic impacts	• Higher bridge over Independence Boulevard • Potential visual and noise concerns
 Coordination with Others	• Requires major change to street network potentially impacting NCDOT roads	• Less change to existing street network

Potential Center City Alternatives & Morehead Extension



Center City Alternatives

1

11th Street Alternative (LPA)

Previously-adopted concept along 11th Street

2

Shared Blue Line Alternative

Silver Line trains share tracks with Blue Line in Center City

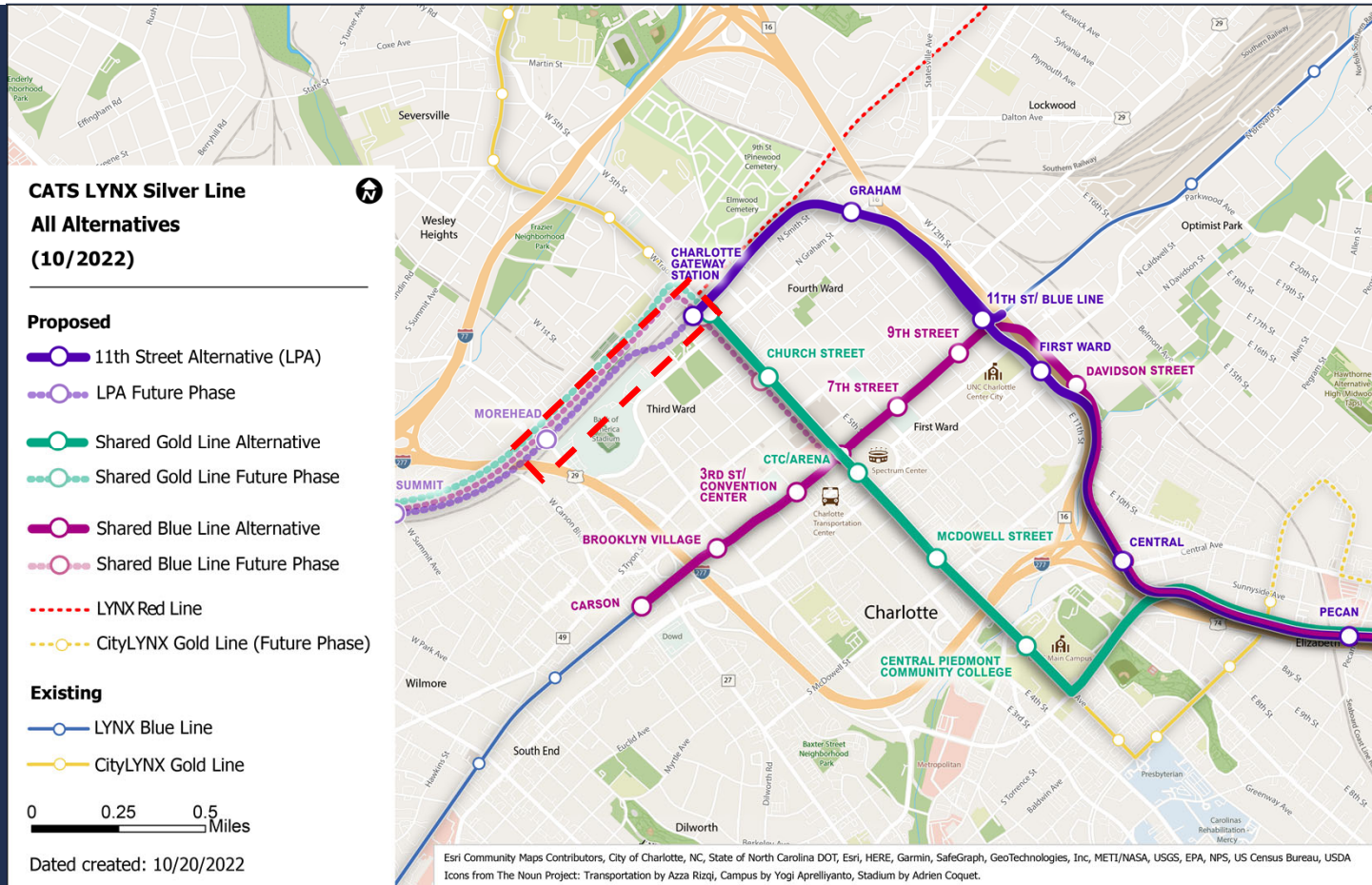
3

Shared Gold Line Alternative

Silver Line trains share tracks with Gold Line on Trade Street in Center City



Potential Morehead Extension



SILVER LINE



1 11th Street Alternative (LPA)



3 Shared Gold Line Alternative



LYNX Silver Line: Comparison of Alternatives

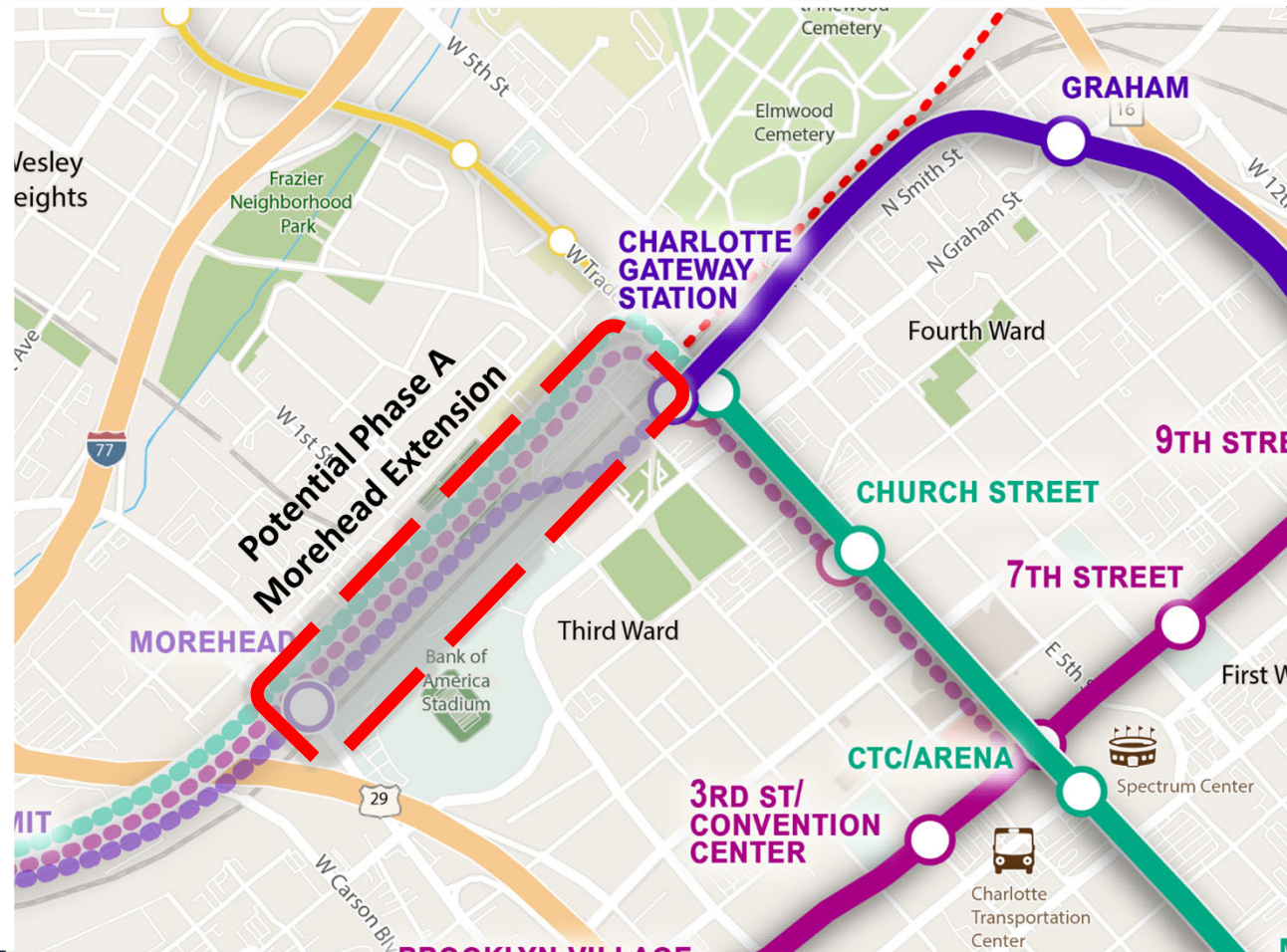
	① LPA / 11 th Street	② Shared Blue Line	③ Shared Gold Line
Key Destinations 	• CGS • Blue Line • First Ward • Fourth Ward	• CTC • South End • Blue Line & Stations • Gold Line	• Gold Line • Gov. District • Blue Line • CGS • CTC • CPCC Main
Travel Time from Conference Drive Station 	• 34 minutes to CTC (transfer required) • 27 minutes to CGS (direct trip)	• 27 minutes to CTC (direct trip) • 42 minutes to CGS (transfer required)	• 25 minutes to CTC (direct trip) • 30 minutes to CGS (direct trip)
Cost 	• Long bridge adds substantial cost	• Substantially lower cost alternative than LPA	• Substantially lower cost alternative than the LPA

LYNX Silver Line: Comparison of Alternatives

	① LPA / 11 th Street	② Shared Blue Line	③ Shared Gold Line
Environmental Considerations 	• New elevated alignment • Less disruption to traffic • Potential visual concerns near a historic residential neighborhood	• Uses existing transit corridor • Potentially fewer environmental concerns • Traffic concerns at cross streets	• Uses existing transit corridor • Potentially fewer environmental concerns • Requires reconstruction of Trade Street; potential business impacts
Development Opportunities 	• Station integrated into CGS development • Serves potential 11th Street development areas in Phase A	• Serves potential 11th Street development areas in Phase A	• Provides access to jobs, direct transit access at CTC and CGS, and education at CPCC

Potential Morehead Extension

- Morehead extension in Phase A possible for **LPA** and for **Shared Gold Line**
 - **Shared Blue Line** does not serve this area in Phase A
- **LPA** extension would require costly bridge construction over Norfolk Southern
- **Shared Gold Line** extension would continue under the existing Norfolk Southern bridge



Upcoming Public Engagement

1. Live Virtual Public Meetings in Early November

- Tuesday, Nov. 1 (5:30 PM)
- Wednesday, Nov. 2 (Noon)
- Streamed via CATS YouTube; recordings available for later viewing



2. Online Open House

- Available Nov. 1 – Nov. 17 on CATS website (Ridetransit.org/LYNXSilverLine)
- Includes new information and survey for feedback

Upcoming Meetings

October 26	Metropolitan Transit Commission (MTC) information
November 1-2	Live virtual public meetings
November 7	Charlotte City Council Transportation & Planning Committee
November 10	Transit Services Advisory Committee
December 21	MTC information
January 9	Charlotte City Council Transportation & Planning Committee
January 25	MTC action