

BLUEPRINT FOR
CHARLOTTE
MOBILITY INVESTMENT

CHARLOTTE
STRATEGIC
MOBILITY PLAN

 CITY of CHARLOTTE

Charlotte City Council
**Transportation, Planning & Development
Committee**

April 1, 2024

Charlotte Mobility Blueprint

Committee Referral:

Policy Question:

- What is the appropriate transportation investment strategy to advance the goals of the Strategic Mobility Plan?

Charge:

- Provide oversight in finalization of the Mobility Blueprint including strategy, project identification, and on-going community engagement activities.
- Make any applicable policy and CIP recommendations to Council for consideration in the development of the FY25 Budget.

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Schedule & Next Steps:

Today:

- Staff provide update and allow for Committee follow-up from the Council Budget Workshop (March 25th).

May 6th Committee Meeting:

- Make recommendation to Council to have staff continue the development of Strategic Investment Areas in preparation for community engagement (Fall 2024).

Fall 2024:

- Community Engagement as part of the Community Area Planning Process.

A Different Approach to Capital Investment

Focused

Program investment "bundled" to maximize impact

Scalable

Big and small projects delivered based on funding and feasibility

Measurable

Tracking performance towards our policy goals

Adaptable

Pivoting to better solutions, new technology, and innovation

Strategic Investment Areas



District 5

STRATEGIC INVESTMENT AREAS



Randolph - Monroe



A Randolph/Sharon Amity

Create a more accessible “park once” environment by using ITS and capacity/safety improvements at or between intersections, providing more and safer crossings of Randolph and Sharon Amity Rds, and providing new multimodal connections from the neighborhoods to the Center.

Independence



D Monroe/Idlewild

Complement current projects by providing new signals and safer crossings, targeted capacity at intersections, new street and multimodal connections, and partnering for better multimodal crossings of US 74.

Old Concord - Grier



B Old Concord/Eastway

Provide better multimodal access between N Tryon St, the Blue Line, and areas south of the rail line by completing the street network, reconfiguring key rail crossings, connecting the XCLT, and providing better bicycle and pedestrian facilities on Old Concord Rd.

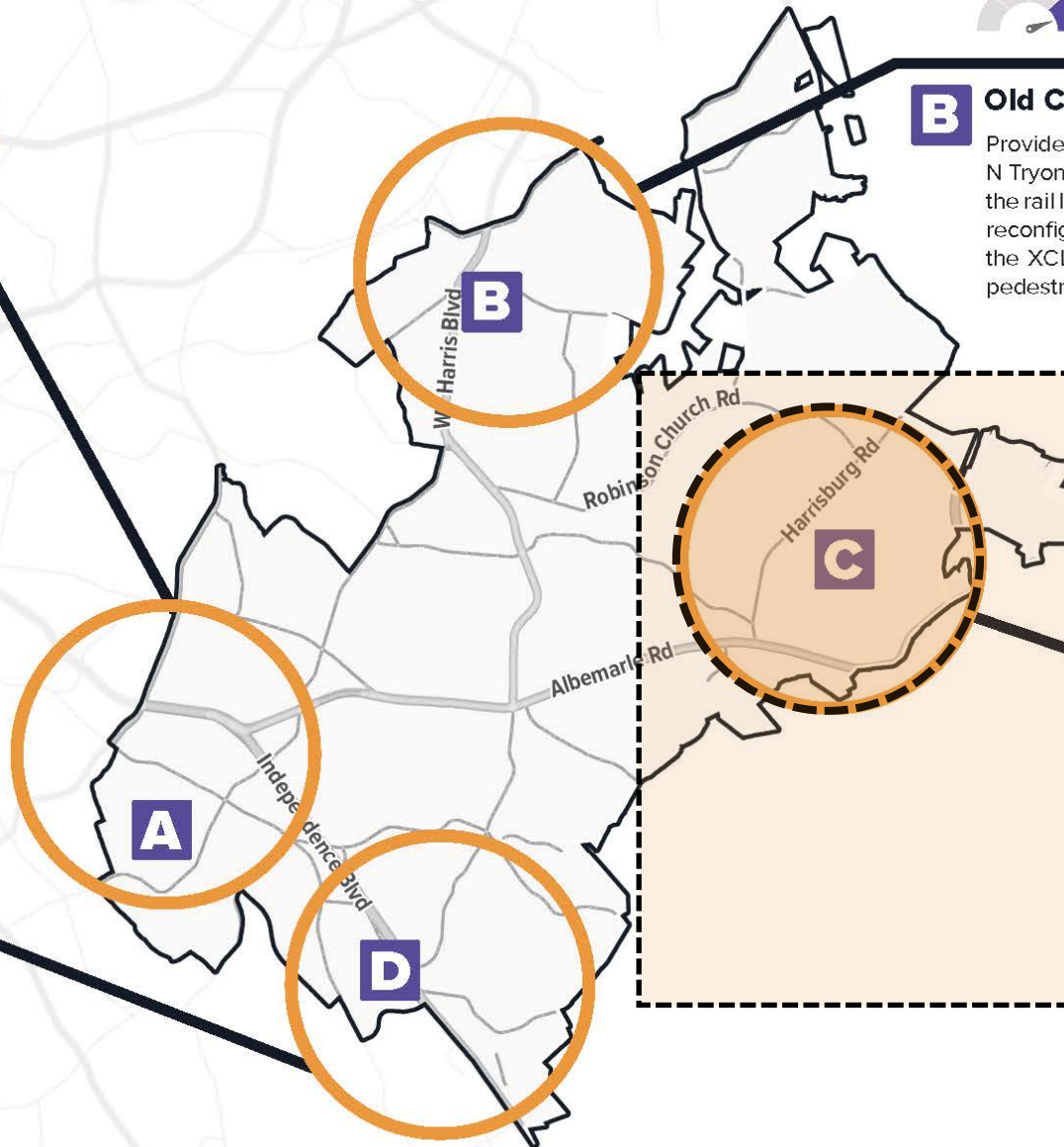
Example:

Far East - Harrisburg Rd



C Harrisburg Rd Corridor

Improve safety, capacity, and access between neighborhoods, greenspaces, and Cambridge Commons Activity Center using ITS, center turn lanes, streetlighting, and better multimodal facilities and crossings.





Strategic Area: Far East - Harrisburg Rd

Example Project Grouping: Harrisburg Rd Corridor

Strategic Area



Safety



High Injury Network
Sidewalk Gaps
Street Lighting Gaps

Equity



Transportation Disadvantage
Bus Priority Network
Bike Priority Network

Growth



Activity Centers
Jobs & Housing
Congestion

Council District

District
05

Scalable Project Component Key

\$ \$0M to \$1M	Capacity
\$ \$1M to \$5M	Pedestrian/Bicycle
\$\$\$ \$5M to \$25M	Transit
\$\$\$\$ \$25M +	Safety

Example Project Bundle

Improve safety, capacity, and access between neighborhoods, greenspaces, and Cambridge Commons Activity Center using ITS, center turn lanes, streetlighting, and better multimodal facilities and crossings.



Scalable Project Components

\$\$\$	Sidewalk Gaps/Shared Use Path		
\$\$\$	Targeted Center Turn Lane		
\$\$	Streetlighting		
\$\$	ITS Upgrades		
\$	New Pedestrian/Bike Crossings		
\$	Pedestrian/Bike Signal Upgrades at Existing Signals		
\$	Cambridge Commons Mobility Hub		
\$	Hickory Ridge - Becton Park Microtransit Zone		



Strategic Areas: Project Bundle

Focused - Scalable - Measurable - Adaptable

Example:
Harrisburg Road Corridor

Project Cost Ranges*

\$ up to \$1M

\$ \$ \$1M to \$5M

\$ \$ \$ \$5M to \$25M

\$ \$ \$ \$ \$25M+

Scalable Project Components

\$\$\$	Sidewalk Gaps/Shared Use Path	 
\$\$\$	Targeted Center Turn Lane	  
\$\$	Streetlighting	
\$\$	ITS Upgrades	
\$	New Pedestrian/Bike Crossings	 
\$	Pedestrian/Bike Signal Upgrades at Existing Signals	 
\$	Cambridge Commons Mobility Hub	 
\$	Hickory Ridge - Becton Park Microtransit Zone	 

-  Capacity
-  Pedestrian/Bicycle
-  Transit
-  Safety

Project Bundle

Example:
Harrisburg Road Corridor

- 3 Signalized Pedestrian Crossings
- 1 Streetlighting (mile)
- 1 Sidewalk (mile)
- 2 Bus Stops/Mobility Hubs

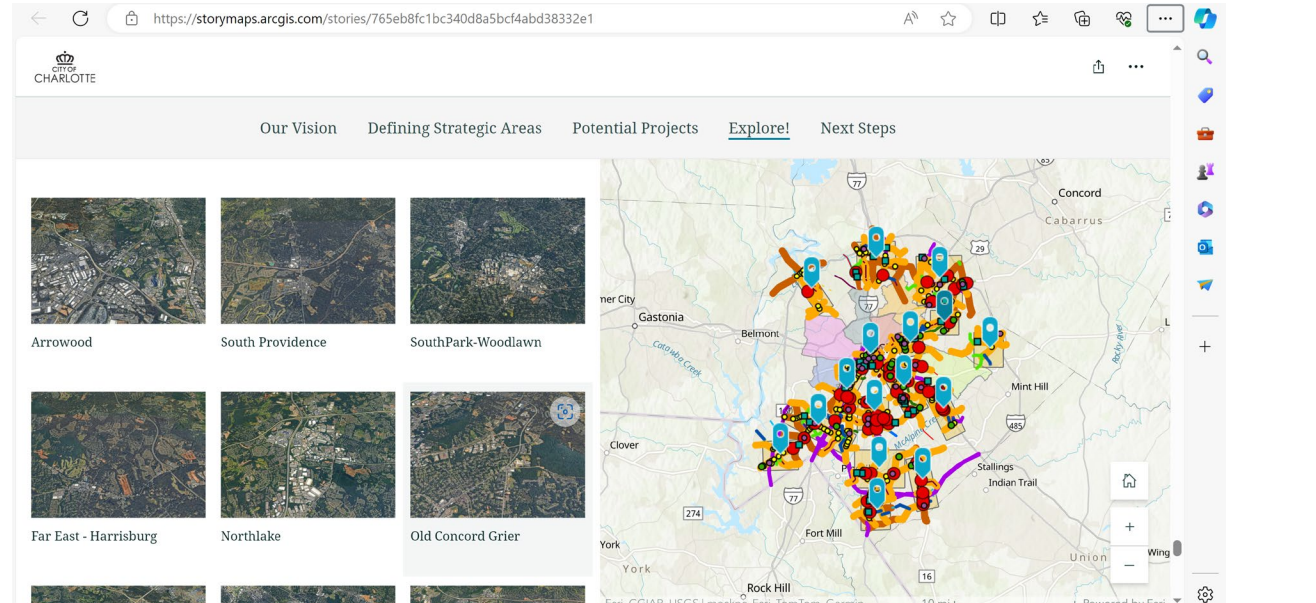
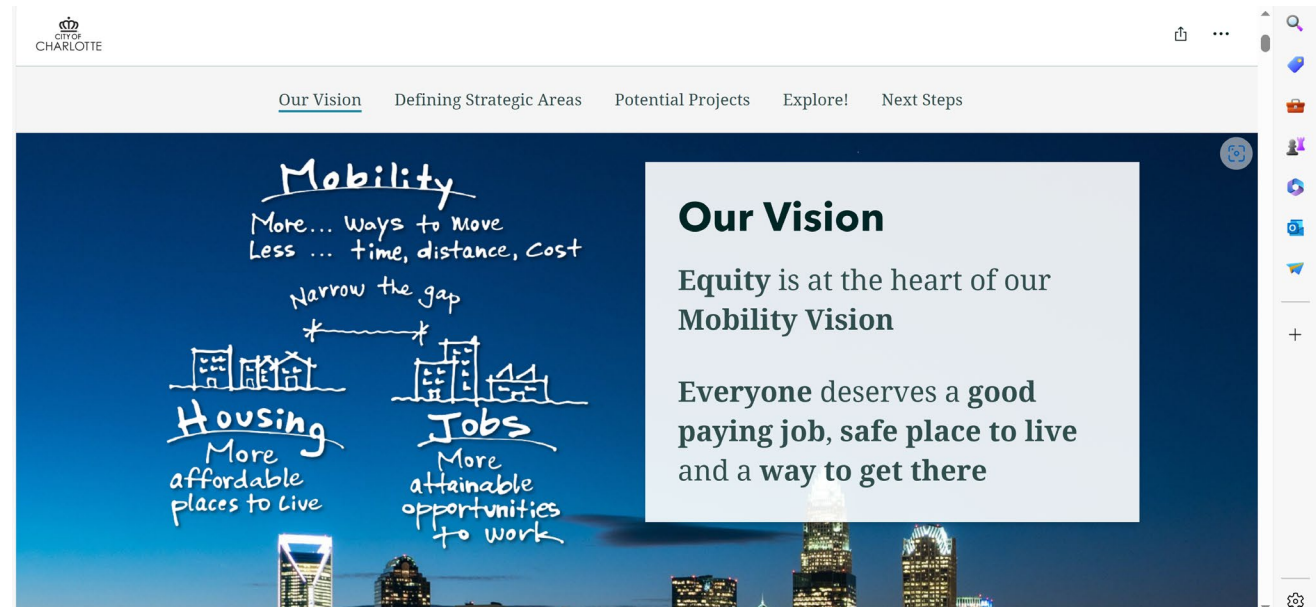
+/- \$20M

**These estimated ranges reflect the costs of a typical project by project type in the current 2024 market. No advanced planning work has been completed on specific projects or segments to determine precise project cost estimates.*

Strategic Investment Areas: **On-line “Story Map”**

- Process and Background
- Interactive map of potential projects in the 16 Strategic Investment Areas
- Opportunity for public input
- Tool for community engagement in Fall 2024

<https://storymaps.arcgis.com/stories/765eb8fc1bc340d8a5bcf4abd38332e1>



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