



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 25<sup>th</sup>).

### **May 6<sup>th</sup> 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

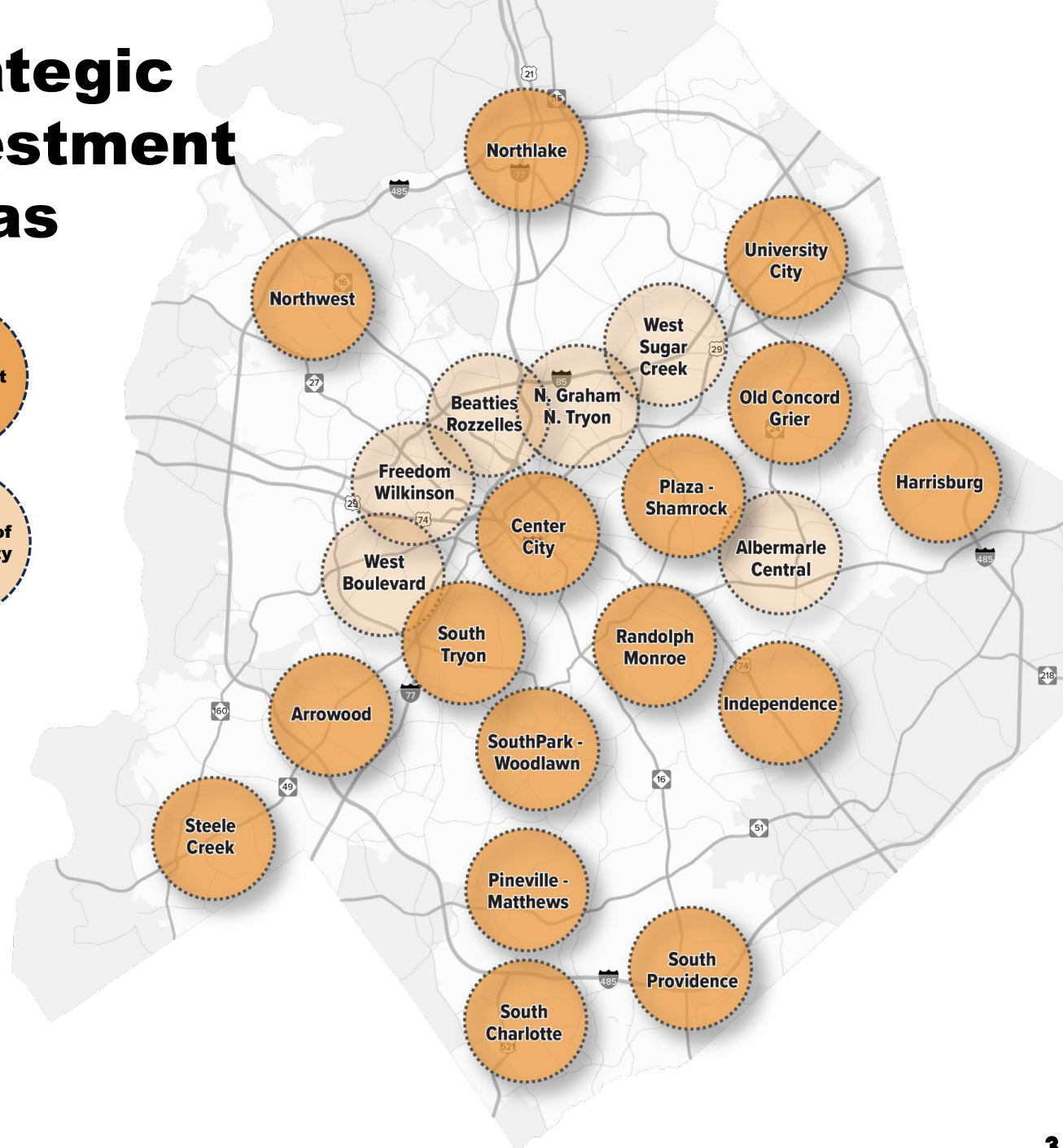
## Measurable

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

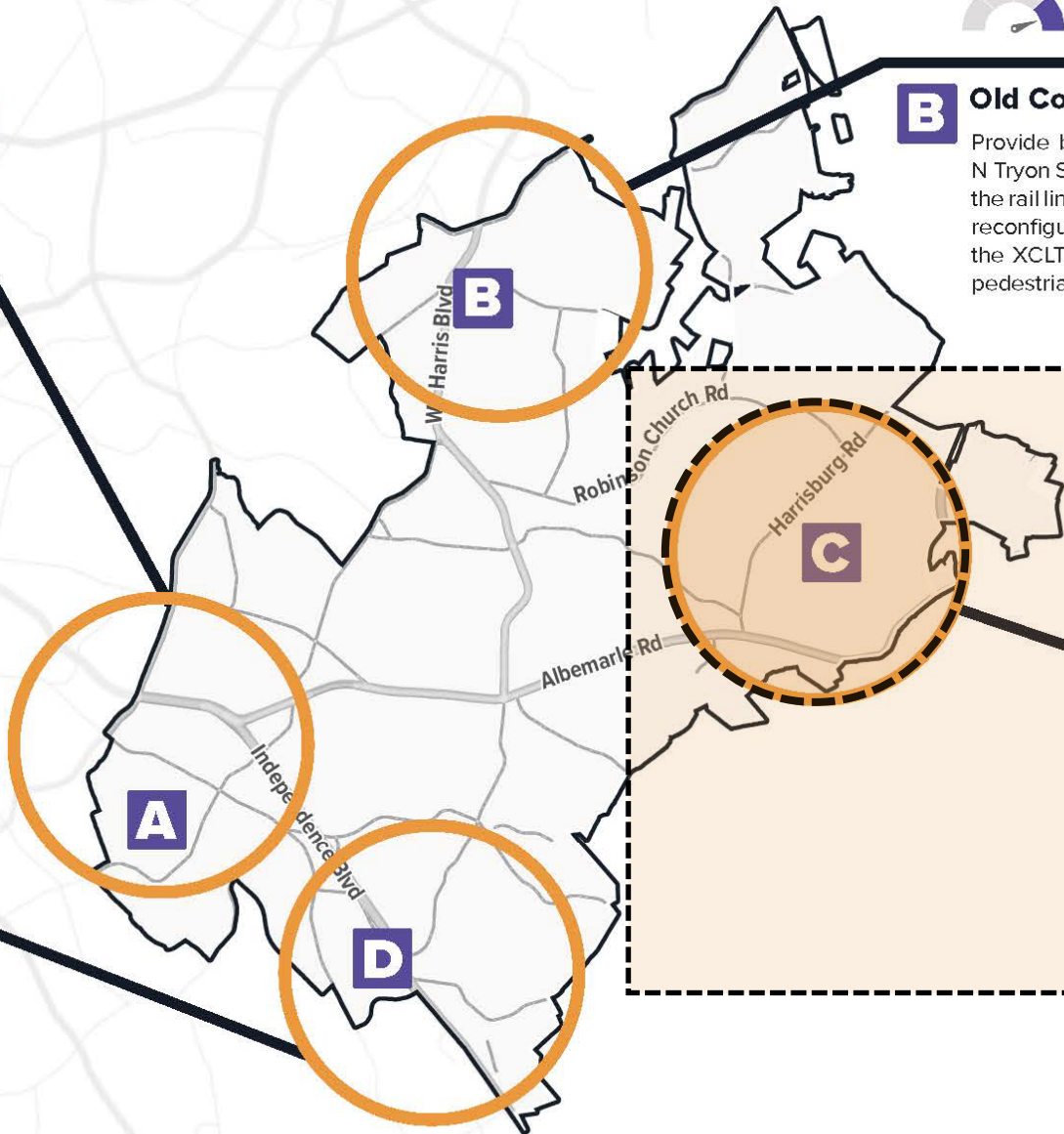
Complement current projects by providing new signals and safer crossings, targeted capacity at intersections, new street and multimodal connections, and partnering for better multimodal crossings of US 74.

### 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  



Sidewalk Gap

Signalized Pedestrian Crossings

Street Lighting

Signalized Pedestrian Crossing

Sidewalk Gap

Mobility Hub/Stop

# Strategic Areas: Project Bundle

Example:  
**Harrisburg Road Corridor**

**Focused - Scalable - Measurable - Adaptable**

## 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

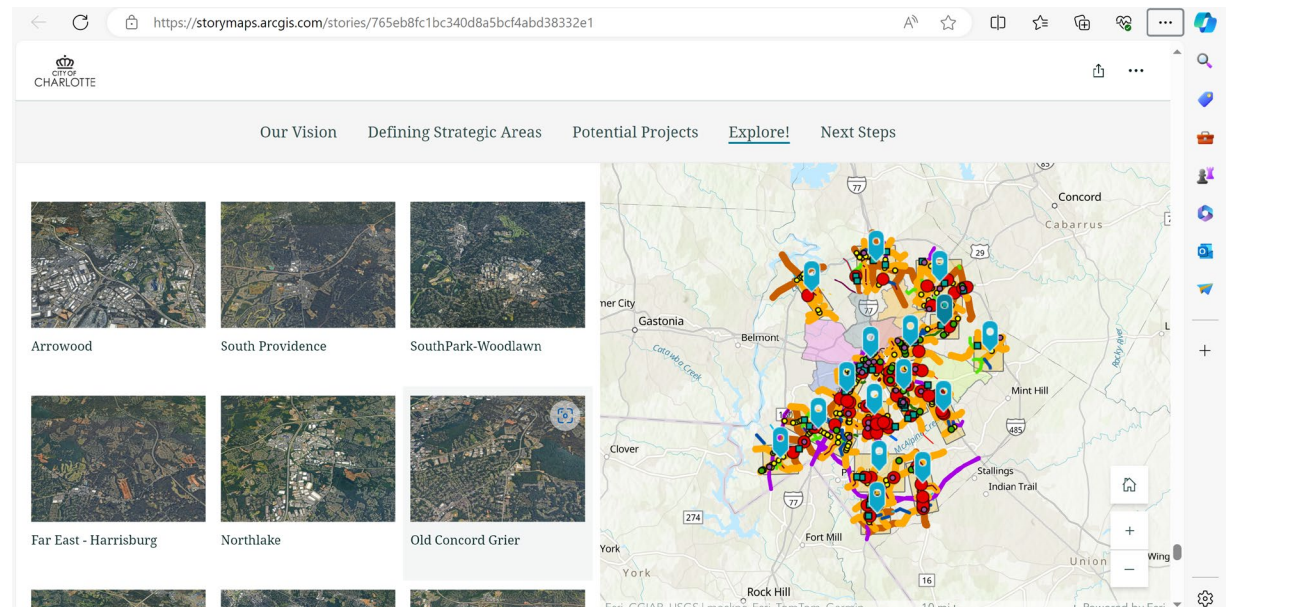
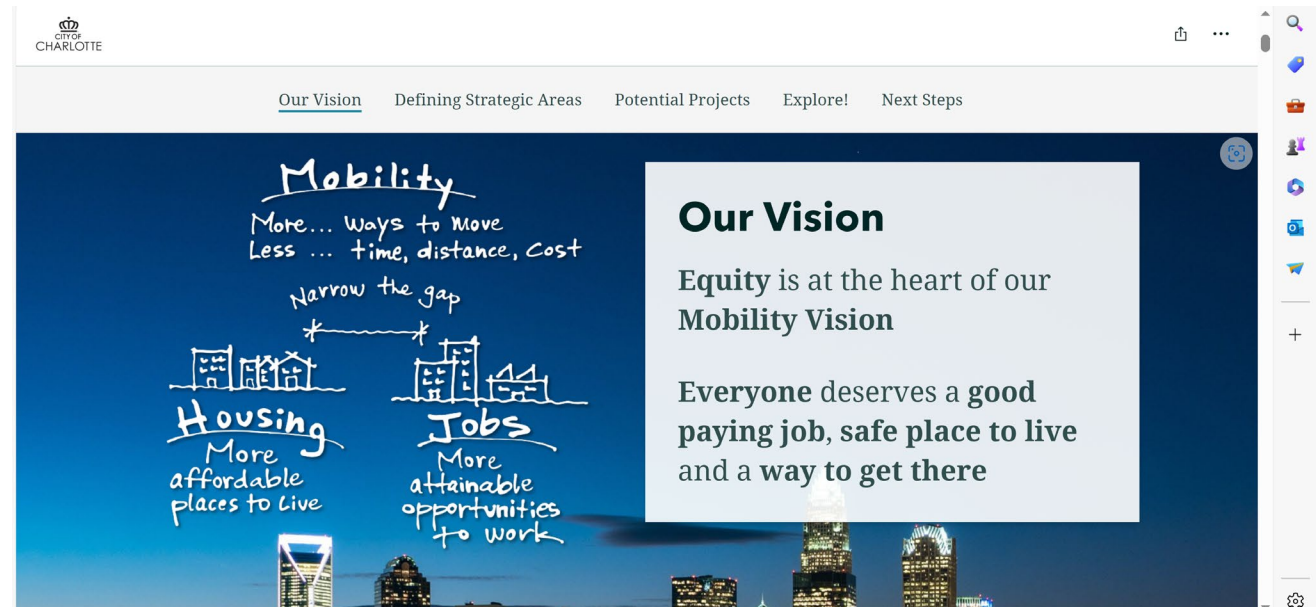
**+/- \$20M**

*\*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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