

Five-Year Capital Investment Plan & 2024 Bond Outlook

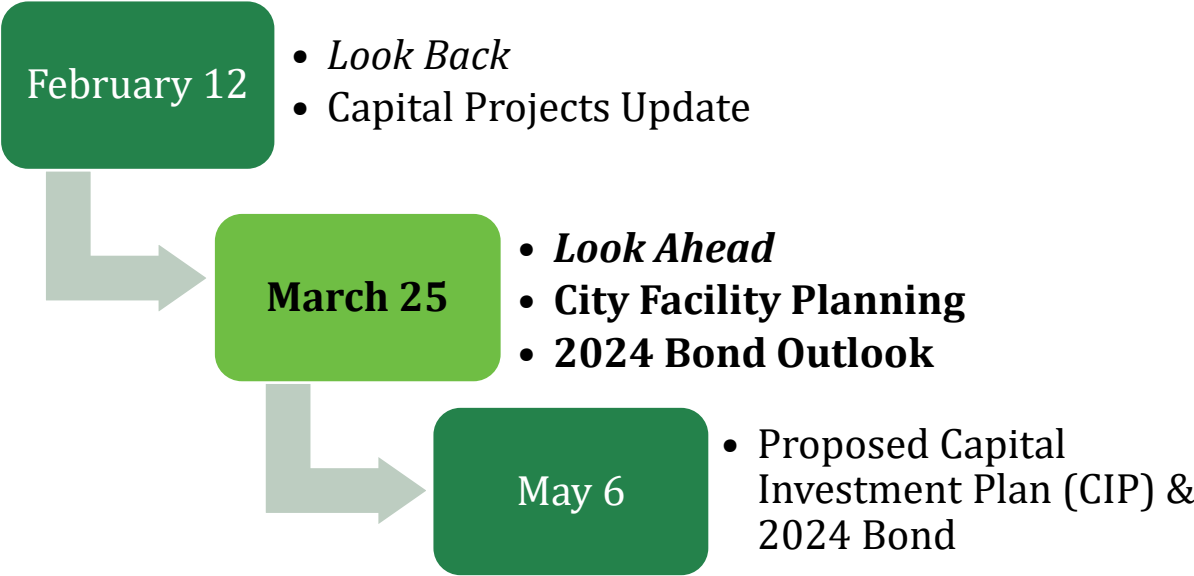
MARCH 25, 2024

Five-Year Capital Investment Plan Overview

► Facility Funding Update

► 2024 Bond Outlook

- Current Bond Plan
- Transportation Strategy Shift



Updated Steady State Capacity



Examples of Recent COPs Projects

Police

- Police Station Construction Program: Central, Hickory Grove, Independence, Northwest, University City, South
- Animal Care & Control Renovations: Phase I & Phase II

Fire

- Firehouse Construction Program: Three New Infill Stations and Two Fire House Replacements
- Firehouse Equity Renovations
- Electric Fire Truck

Sustainability & Capital Facility Maintenance

- 178 EV Charging Ports
- 31 Solar Photovoltaic System Projects
- Charlotte-Mecklenburg Government Center HVAC Replacement
- ADA Improvements

Existing City Facility Funding Plan

Planned Certificates of Participation (COPs) Schedule					
Project/Program	Planned FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Draft FY 2029
Fire Facilities Program	\$25.0	\$18.0	\$11.5	-	-
ADA Transition Plan	\$3.0	\$3.0	\$3.0	\$3.0	\$3.0
Capital Building Improvements	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5
Building Sustainability	\$2.0	\$2.0	\$2.0	\$2.0	\$2.0
Reserved Future Capacity	-	-	\$7.0	\$7.0	\$18.5
Total	\$32.5	\$25.5	\$26.0	\$14.5	\$26.0

\$103 Million Fire Facilities Program includes:

- Three new infill Firehouses: Hidden Valley neighborhood at 5800 N Tryon Street, 4032 Miranda Road, and River District off Dixie River Road
- Two replacement Firehouses: 11 and 30

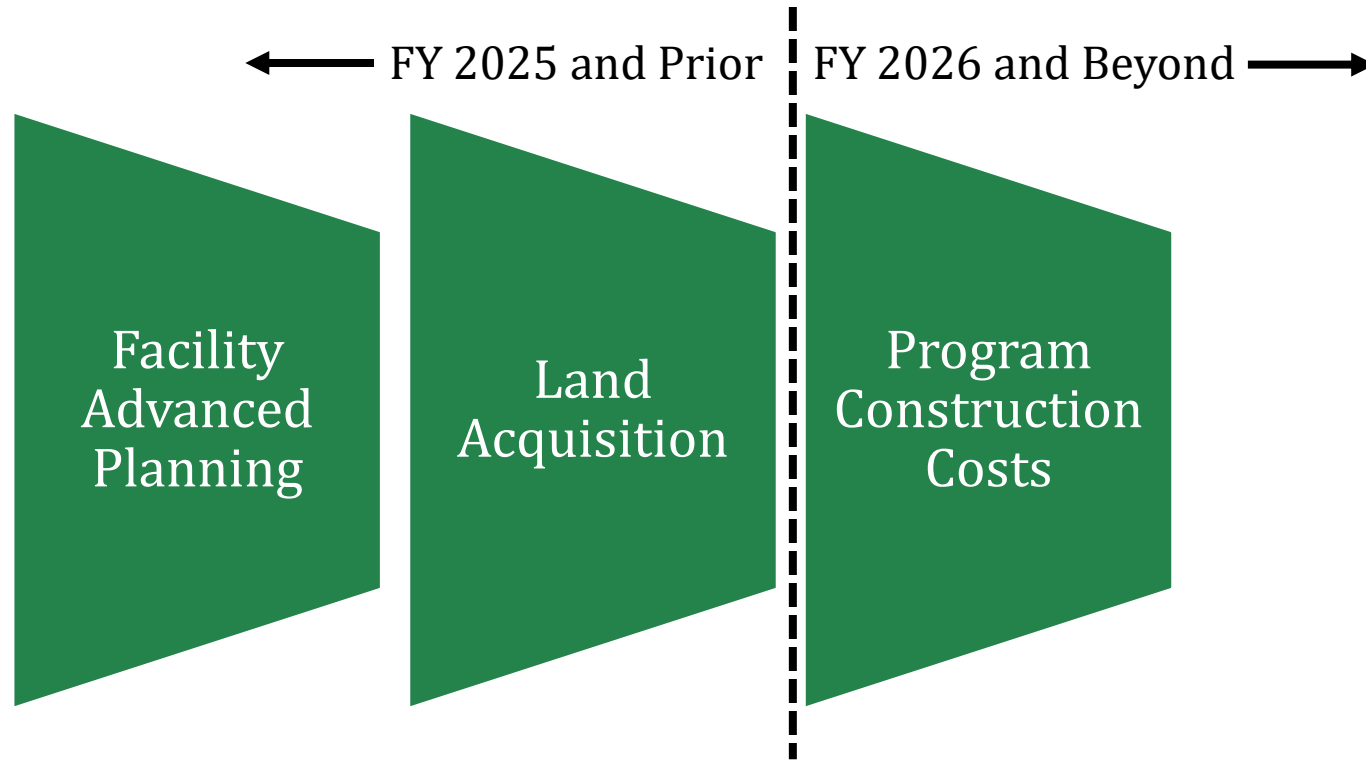
FY 2025 Planned Actions

Advanced Planning Program

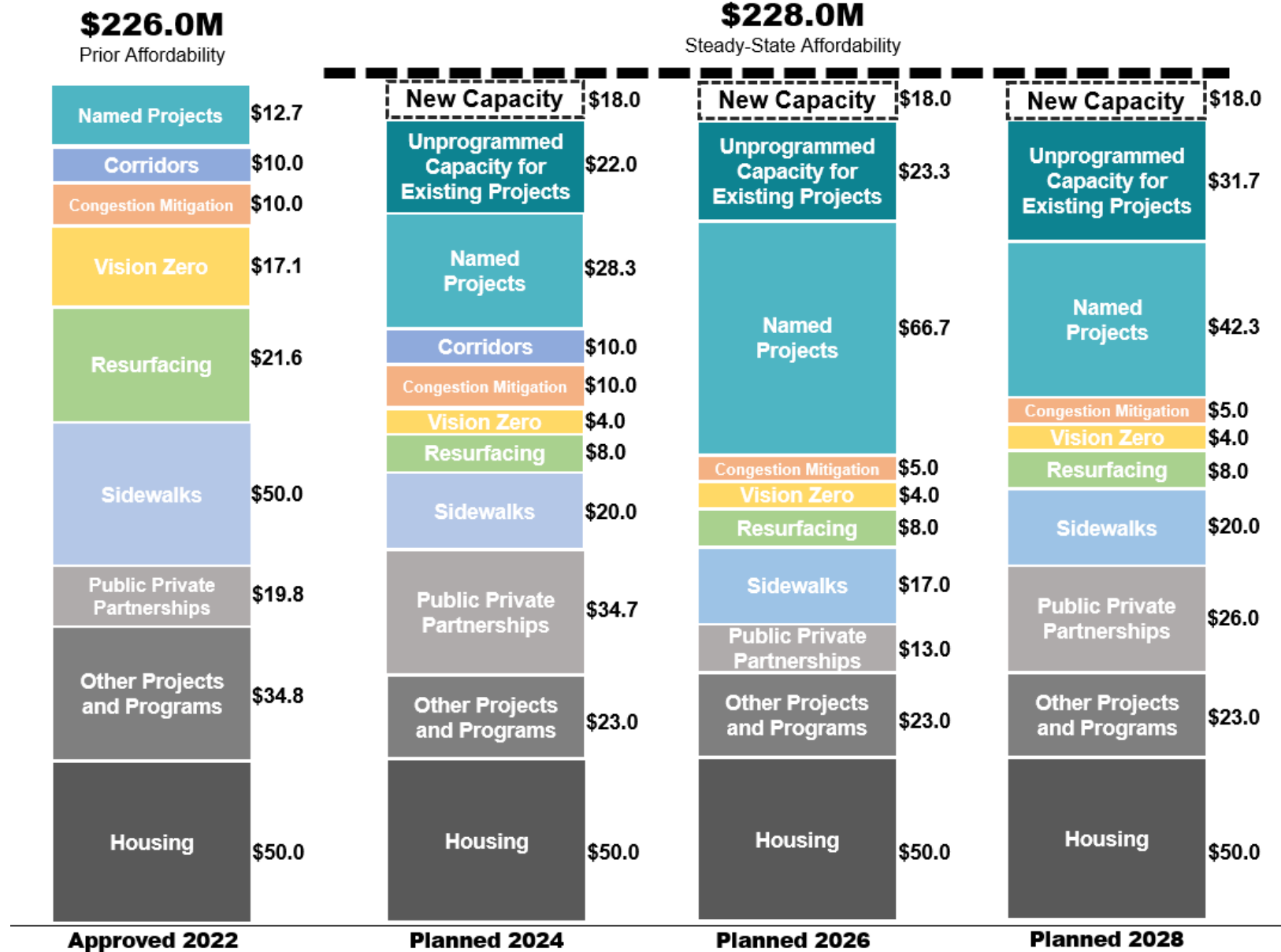
	Feasibility	Land Acquisition	Design/ Construction	Funding Estimate
Fire Facility Equity Renovations Fire Houses 2, 12, 22	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	\$2 - \$3M
Solid Waste Equity Renovations	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	\$2 - \$4M
911 Call Center Expansion	<input checked="" type="checkbox"/>	N/A	<input checked="" type="checkbox"/>	\$5 - \$10M
Relocate ARD/CDC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Relocate CMDP Helicopter Hanger	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal Care & Control Phase Three	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Solid Waste Transfer Station	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

COPs Capacity

Beyond FY 2025, COPs requires additional capacity to construct projects in Advanced Planning Program



Planned Affordability Compared to 2022 Bond



A Different Approach to Capital Investment

Focused

Program investment "bundled" to maximize impact

Scalable

Big and small projects delivered based on funding and feasibility

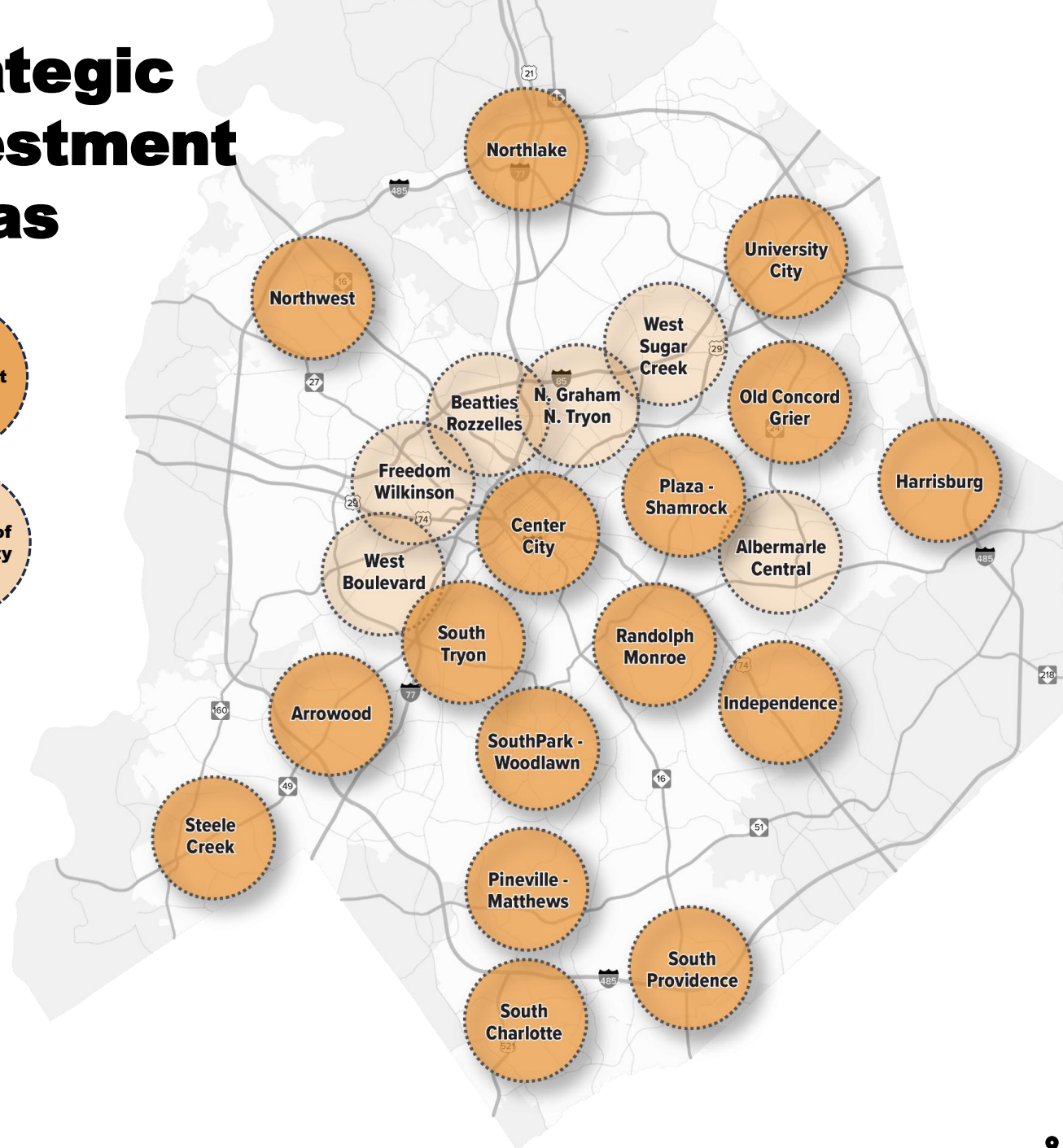
Measurable

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

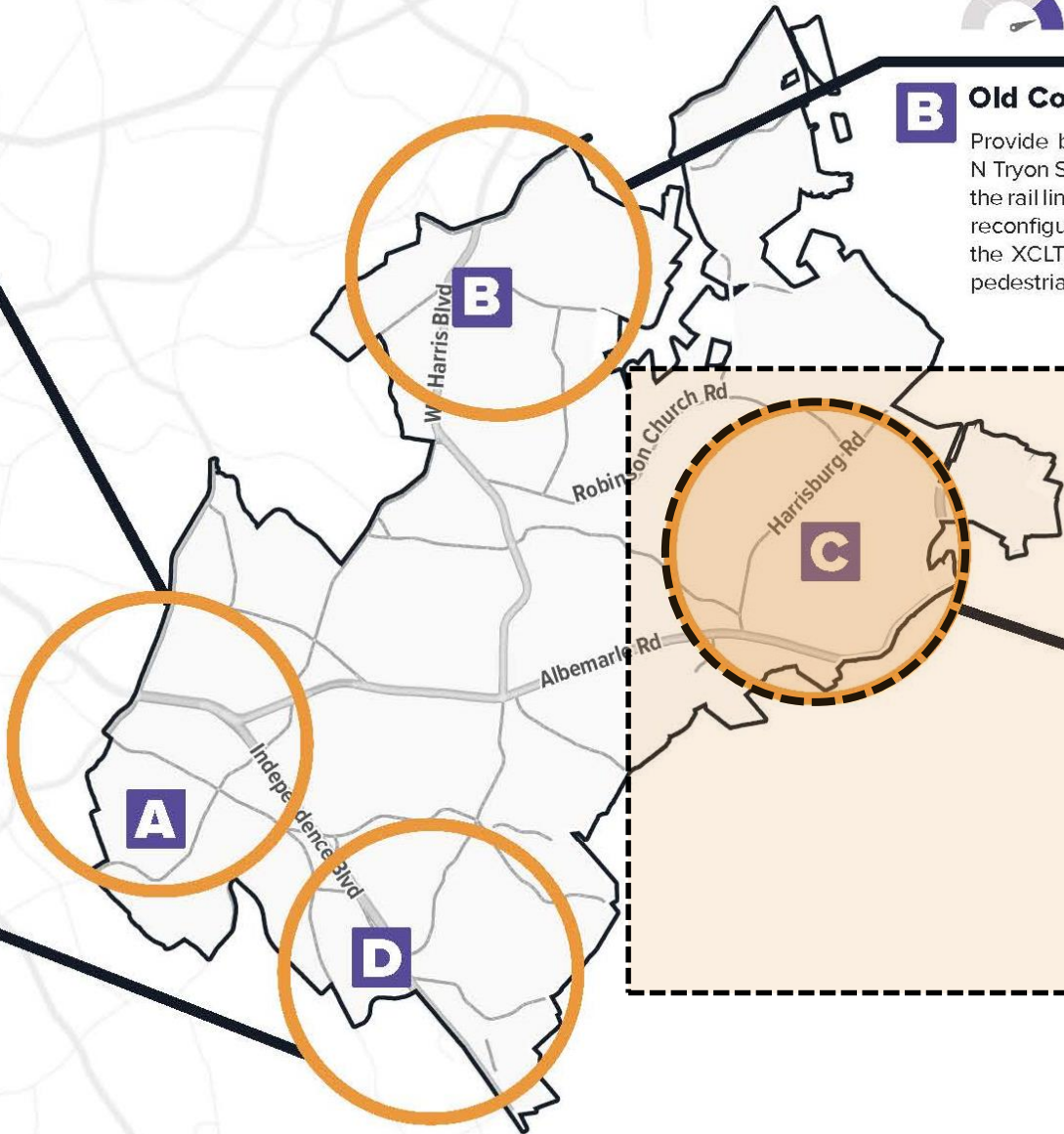
Complement current projects by providing new signals and safer crossings, targeted capacity at intersections, new street and multimodal connections, and partnering for better multimodal crossings of US 74.

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.*

Continuing the Conversation...

- ▶ **Now:** Council discussion and feedback on Capital Investment Plan priorities in FY 2025
- ▶ **April 1:** Referral conversations continues in Transportation, Planning & Development Committee around transportation investment strategy
- ▶ **May 6:** Proposed five-year Capital Investment Plan and 2024 Bond