



CHARLOTTE

Blueprint for Mobility Investment

City Council Action Review
August 28, 2023



Project
CHARLOTTE
Blueprint for Mobility Investment

Issue Date:
August 28, 2023

Strategic Investment Areas
Demonstration

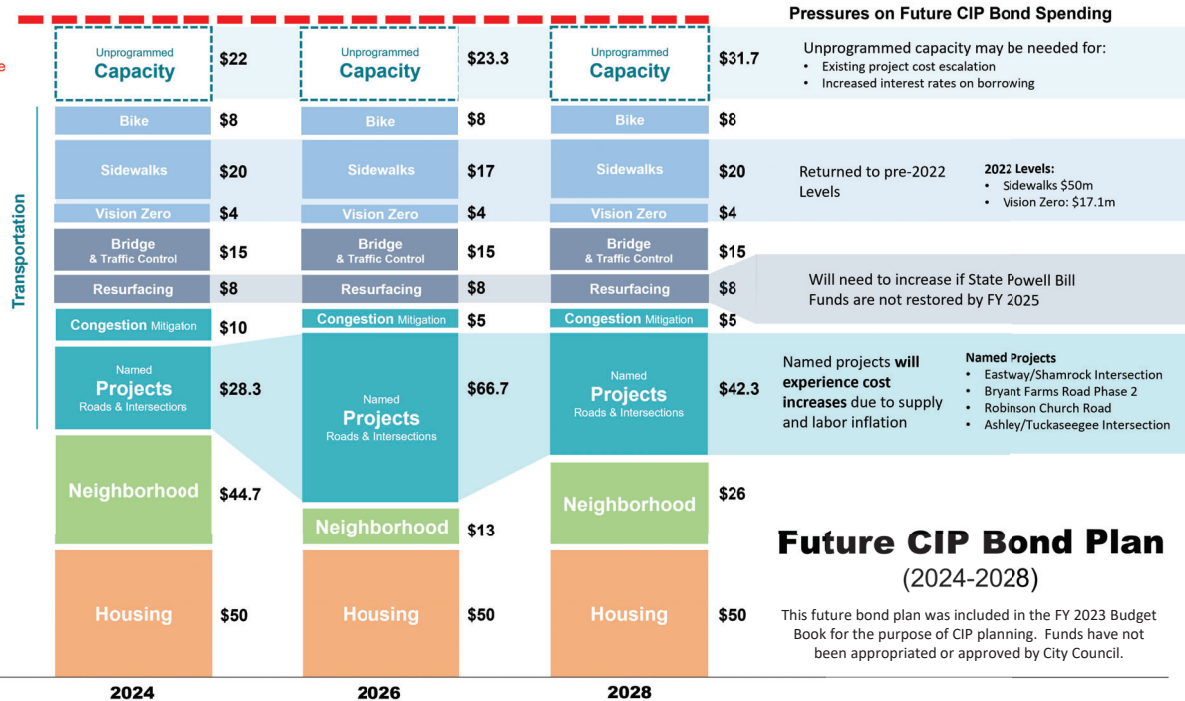
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01

Future CIP Bond Plan

Limitations & Pressures

\$210
Million
Steady State



Future CIP Bond Plan (2024-2028)

This future bond plan was included in the FY 2023 Budget Book for the purpose of CIP planning. Funds have not been appropriated or approved by City Council.

Preparing for the FY 2025 Budget & Beyond

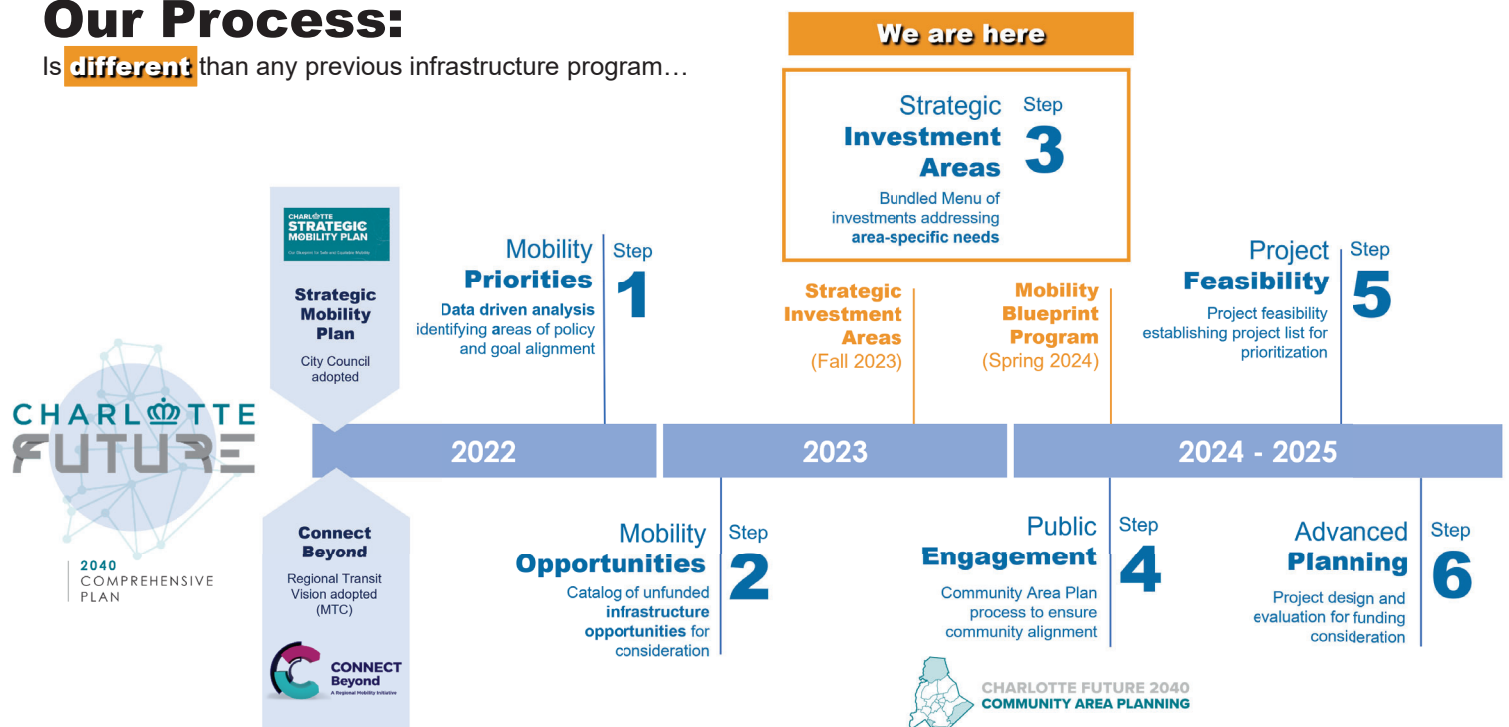
BUDGET DISCUSSIONS



Revenue **Prioritization**
Sales Tax **Options**
Infrastructure
Cuts **Property Tax**
Project Costs

Our Process:

Is **different** than any previous infrastructure program...



Our Work:

Is **different** than any previous infrastructure program...

Roads & Complete Streets

200 miles of Road Widening & Complete Streets

Existing streets in which additional vehicular capacity may be needed, as well as multimodal facilities

8 Bridge Replacements

Bridges that are functionally obsolete or where maintenance of the bridge is no longer the preferred strategy

80 miles of New Street Connections

Identified new streets that would enhance the overall street network by providing alternate routes and relieving pressure on existing streets

160 miles of Unlit Thoroughfares

Street segments where street lighting could be installed or upgraded to LED to increase visibility and improve safety in support of the city's Vision Zero strategy

30 miles of NCDOT Project Partnerships

Funded by NCDOT for construction but requires city betterments funding for enhanced complete street multimodal improvements

70 miles of Fiber Optic Connections

Locations where traffic signal and traffic camera communications can be modernized to support the efficient management of traffic

86 High Congestion Intersections

Identified intersections in which consistent traffic delay significantly impedes the flow of traffic

30 Traffic Signals

Locations identified for new traffic signals or modifications to existing signals, such as turn signals, to support efficient management of traffic

Transit

380 miles of High-Frequency Bus Corridors

An identified and expanded network of bus corridors that will increase frequency and minimize travel time to jobs, services, and recreation

40 miles of Rapid Transit

Identified expansions of the LYNX Rapid Transit System to support the 2030 Transit Corridor System Plan

61 Mobility Hubs

Defined centers for clustered transportation options and amenities, including walking, biking, transit, and micromobility

15 Microtransit Zones

Flexible service model with on-demand service in lower-density areas with high need

Pedestrian

260 miles of Thoroughfares Without Sidewalks

Identified sidewalk gaps along thoroughfare streets

69 Pedestrian Crossings

Locations identified for pedestrian improvements, such as pedestrian hybrid beacons and refuge islands, to support safe street crossings

506 Pedestrian Signal Upgrades

Locations identified for technology solutions, such as Accessible Pedestrian Signal push buttons and Leading Pedestrian Intervals, to support safe street crossings

Micromobility

170 miles of Mecklenburg County Greenways

Identified greenway segments for expansion to provide additional multimodal network for pedestrians, cyclists, and micromobility users

130 miles of Bike Priority Network

Identified gaps in the Bike Priority Network

We catalogued our **Mobility Opportunities**

Across all modes & every part of our community...

2,000+

projects/opportunities

This **Catalog** is the foundation to our **Strategy**

Charlotte Mobility Investment Blueprint

These infrastructure opportunities represent current knowledge of real-world conditions that will evolve and be refined over time. All of these opportunities are unfunded, and no advanced planning work has been completed to determine project viability or cost estimates. All mileages are approximate until alignments have been refined through advanced planning.

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Our Perspective:

Is **different** than any previous infrastructure program...

Jobs in Construction

2040 Policy Map & Place Types

Staying in Place

Growth & Infrastructure

Economic Development

Mobility

Is the throughline of our aspirations

Housing Affordability

Great Neighborhoods

Sustainability

Equity

Access to Opportunity

Connect Beyond

Small & Minority Business Development

Workforce Development

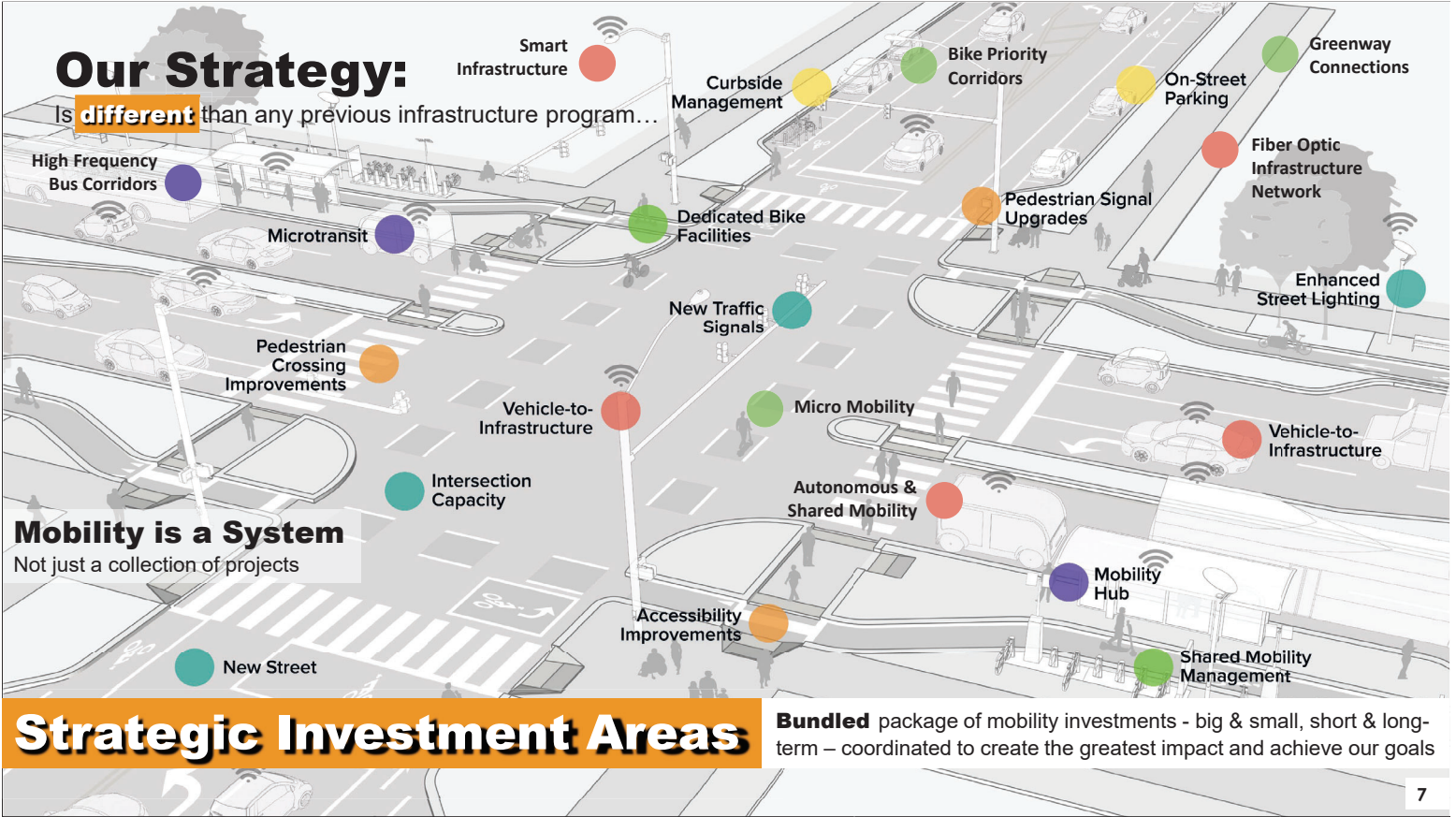
Upward Mobility

Jobs & Housing

Corridors of Opportunity

Regional Prosperity

2040 Comprehensive Plan





Strategic Investment Areas Demonstration

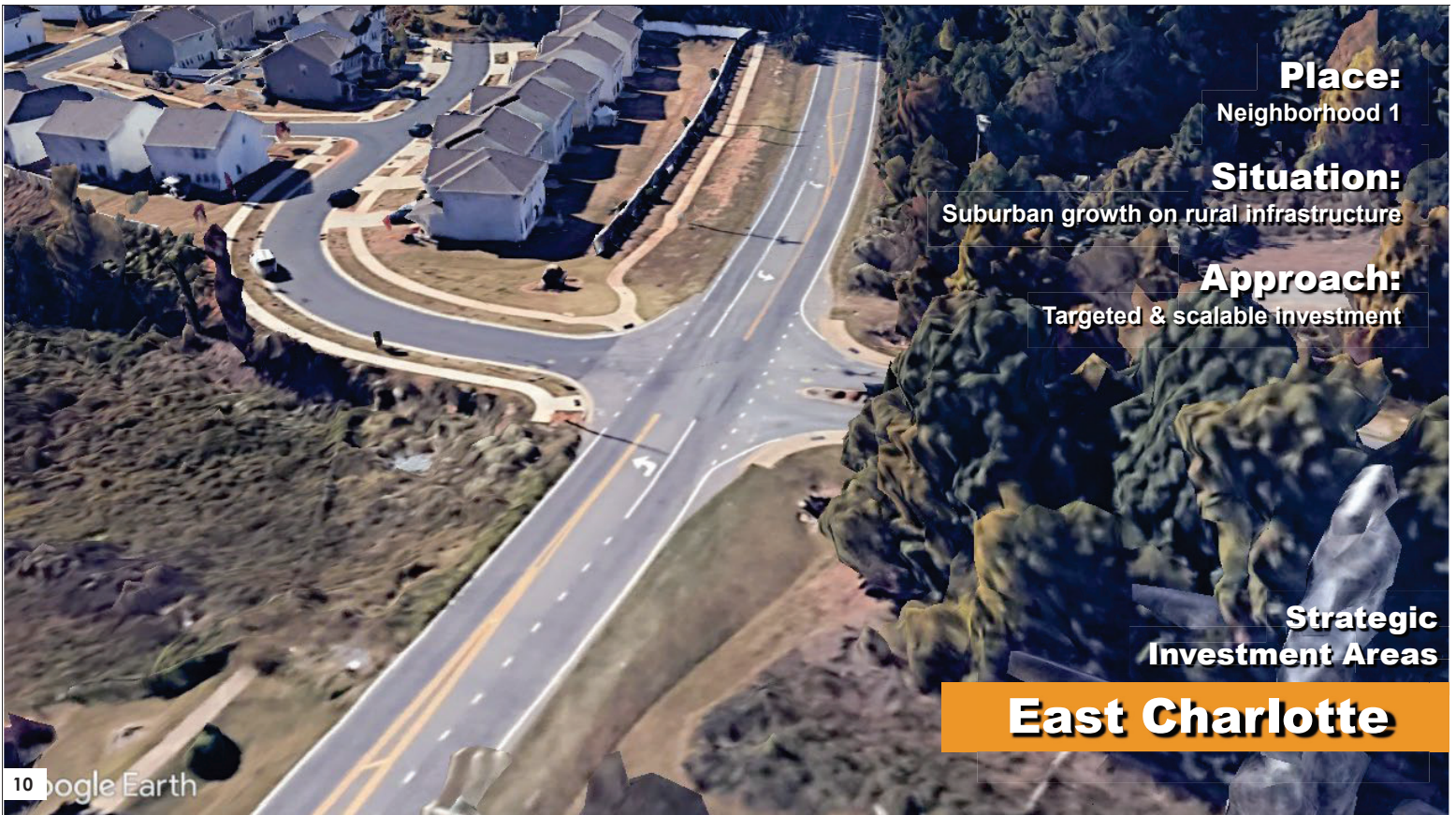
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Strategic Investment Areas
1% Design Plans

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SIA101

NOTE:
For illustrative purposes only
Not for Construction



Place:
Neighborhood 1

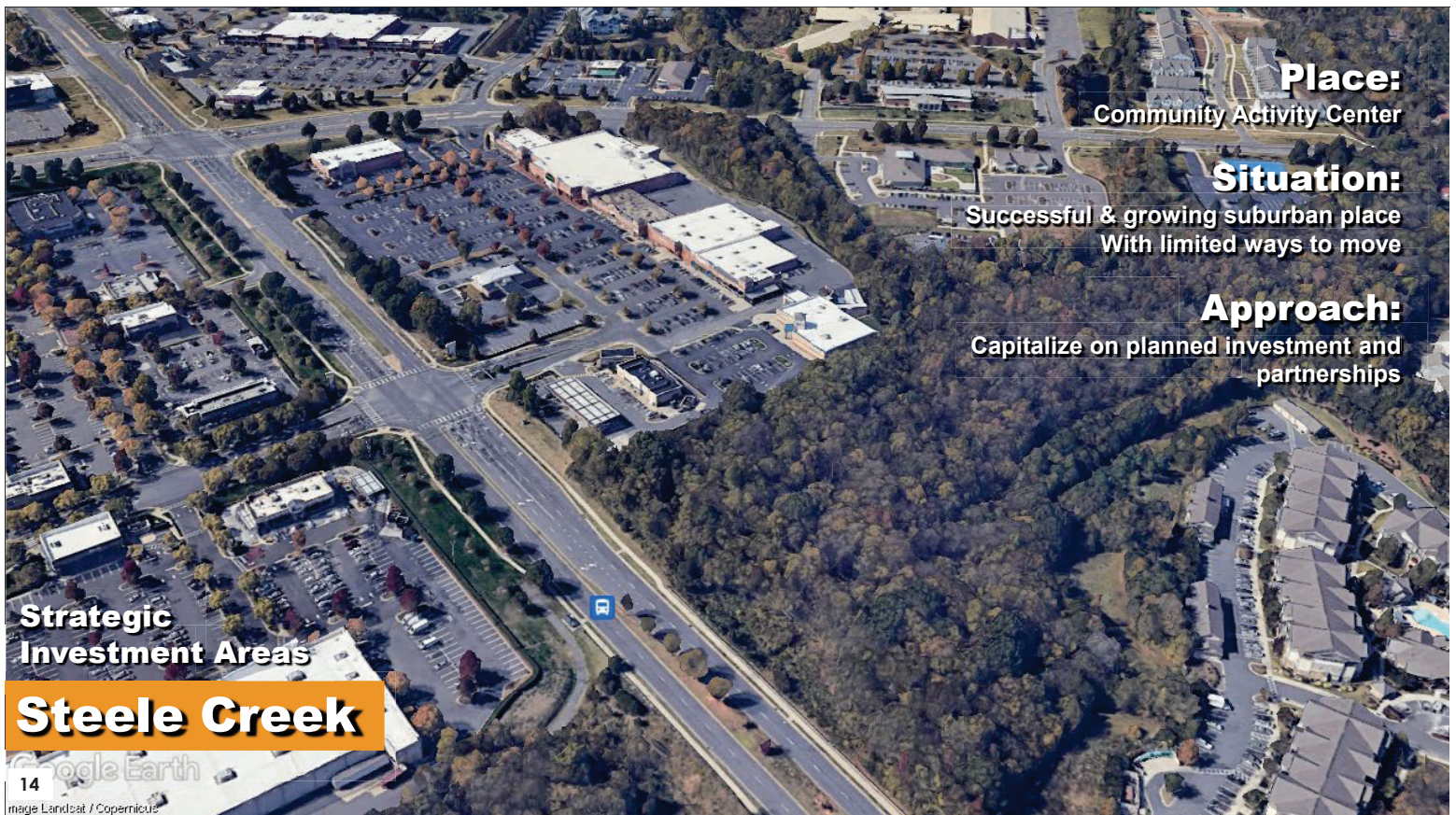
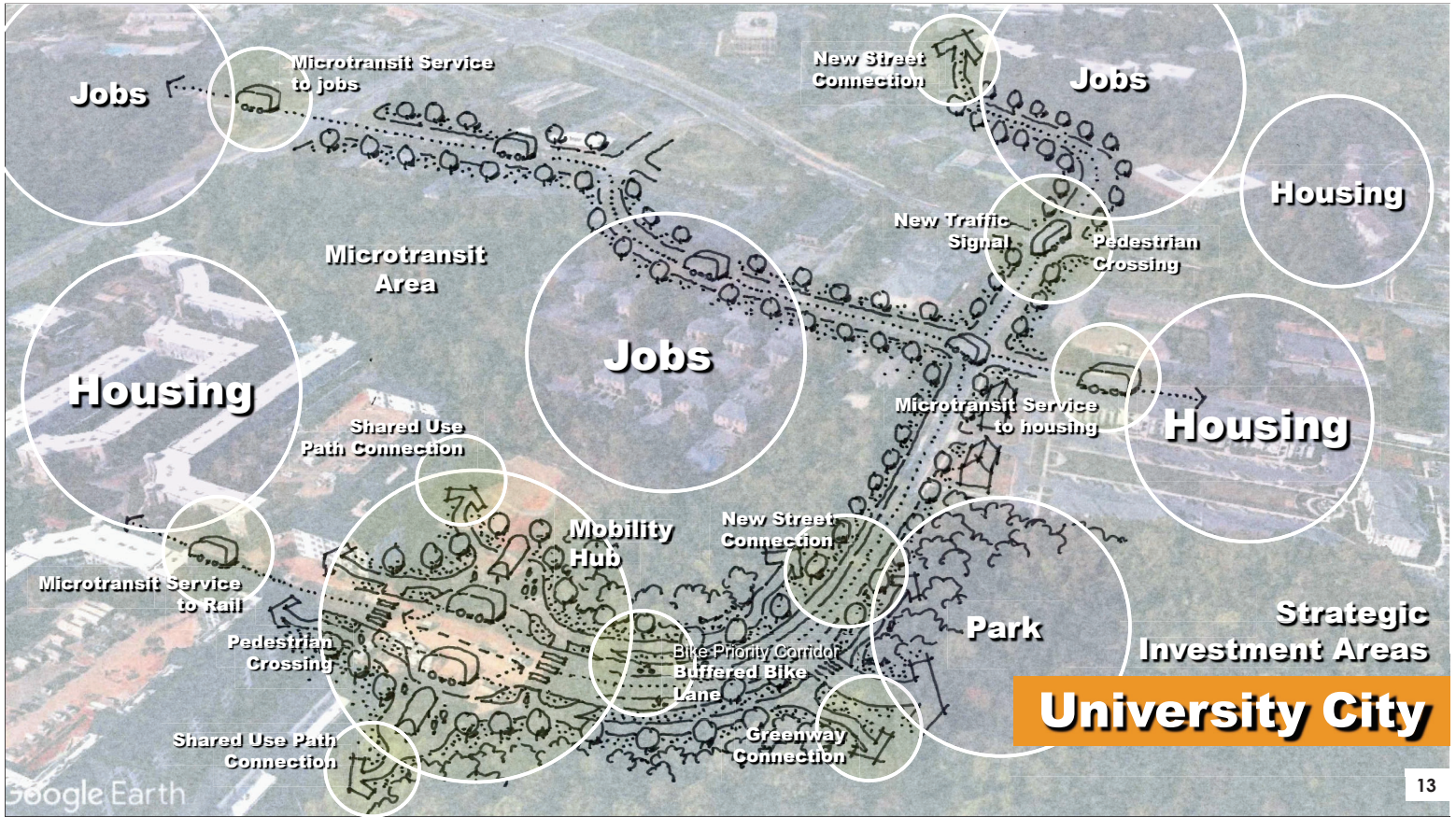
Situation:
Suburban growth on rural infrastructure

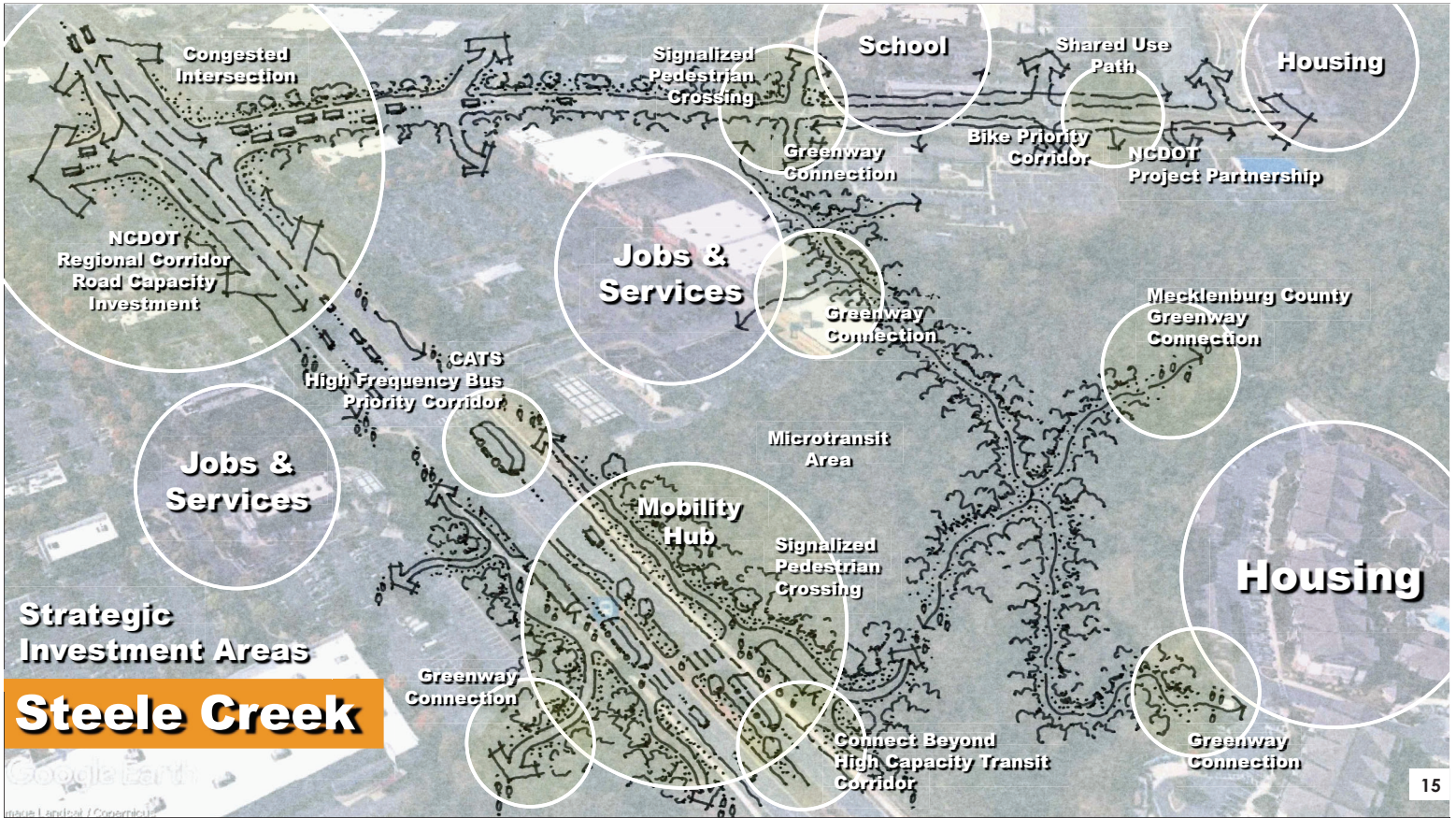
Approach:
Targeted & scalable investment

Strategic Investment Areas

East Charlotte

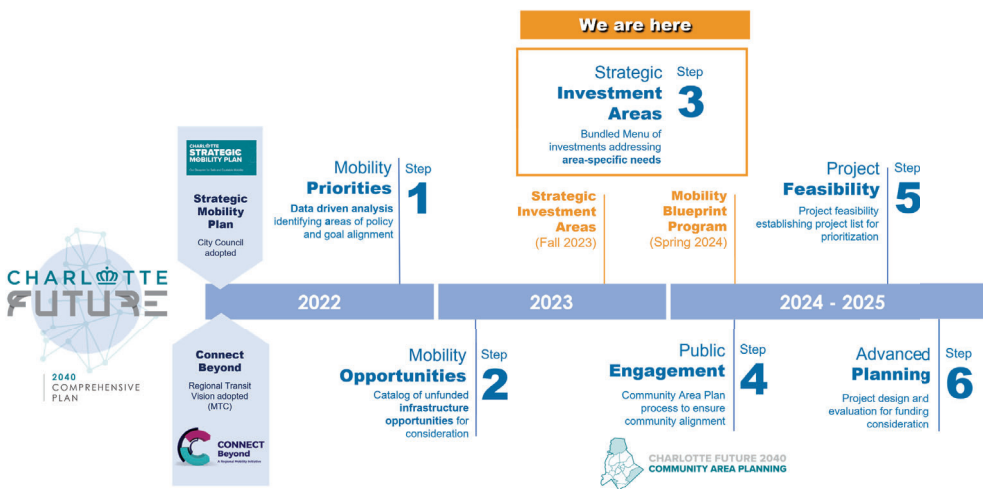






Next Steps:

Defining a Mobility **Blueprint** Program



Summary:

New Approach to developing our infrastructure program

Focus on **Strategic Investment Areas** (defined by data-driven analysis based on our goals and priorities)

Bundling projects & investment to maximize impact

Matching mobility **Infrastructure** to **Places**

Scalable approach to investment