



City Council Update
September 14, 2020



CHARLOTTE MOVES | TASK FORCE

Background



December 2019 - Mayor announced formation of a committee to address issues around mobility and transportation in Charlotte.



January 2020 - Annual Strategic Meeting: Mayor and Council discussed importance of reliable and efficient public transportation, pedestrian and bicycle paths, and traffic signalization. Formalized the establishment of a Task Force.




February 2020 - Task Force appointed: 25 key community representatives; chaired by Mayor Harvey Gantt; represents all Council/Commission Districts.



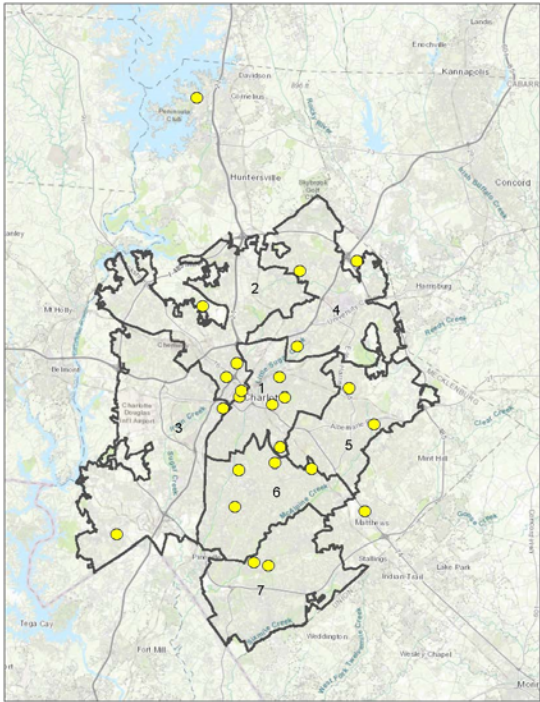
May 2020 through December 2020 - Task Force meets monthly to shape the Strategic Mobility Plan's vision, and recommend a transformational network of projects and a funding strategy to Mayor & Council, and the Community.


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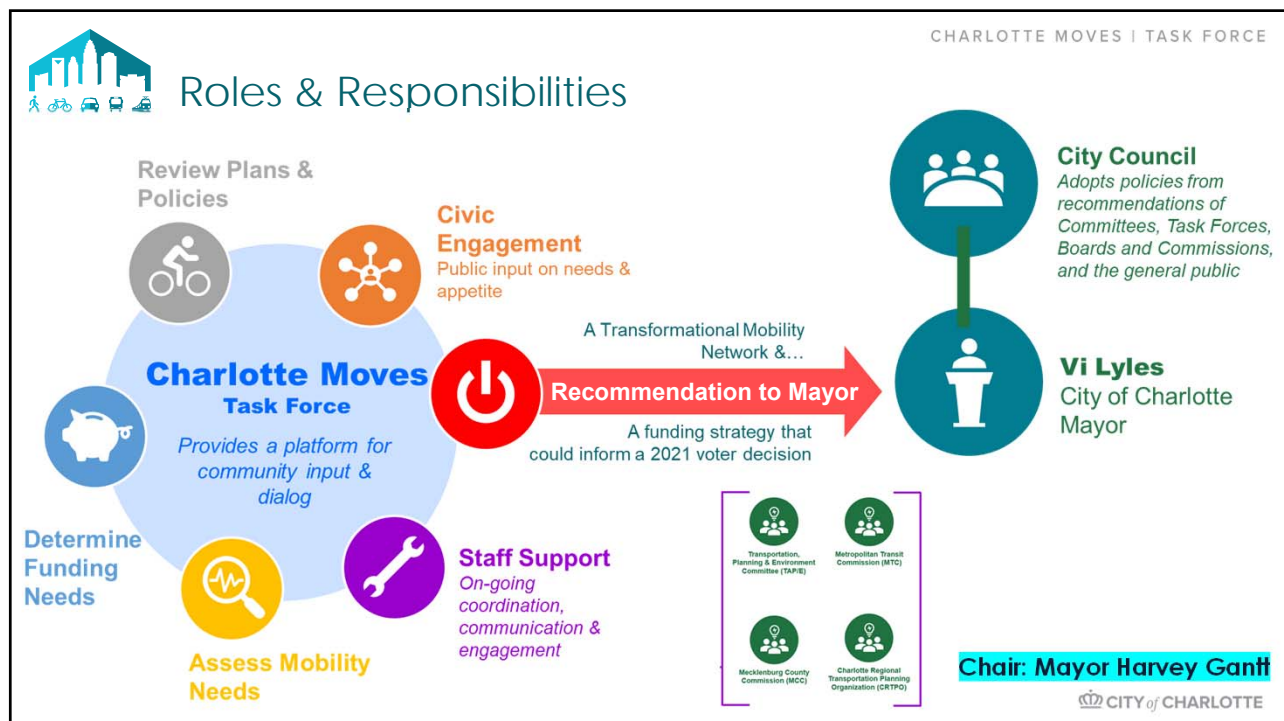
Task Force Membership

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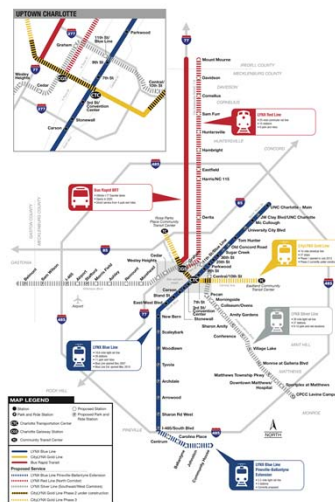


Mobility: Existing & Ongoing Plans



2030 Transit Plan

- LYNX Blue Line Light Rail
- LYNX Silver Line Light Rail
- LYNX Blue Line Pineville/Ballantyne Expansion
- LYNX Red Line Commuter Rail and I-77 BRT
- CityLYNX Gold Line Streetcar



ENVISION MY RIDE

Launched in 2016 to redesign the current bus system through a three phase approach:

- Structural - Crosstown routes and Hubs
- Frequency - Improve Headways Systemwide
- Reliability - Improve Speed and Efficiency

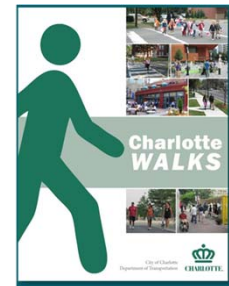


Charlotte Walks

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Missing Sidewalks on Thoroughfares (2015 snapshot)

- Improve pedestrian safety – **Vision Zero**
- Connect people to places
- Comfortable & inviting walking environments
- **Data-driven investment** in new sidewalks & pedestrian crossings:
 - Focus on “High Injury Network”
 - Proximity to schools
 - Proximity to bus & rail transit stops
 - Proximity to parks & greenways
 - Proximity to neighborhood serving land uses (WalkScore)
 - Percent of households without access to a vehicle



the number of
Charlotteans
who don't drive

250,000

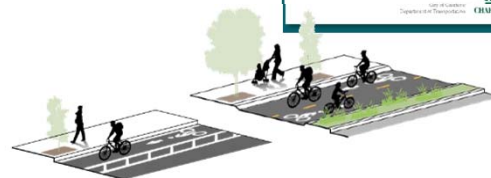
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Charlotte Bikes

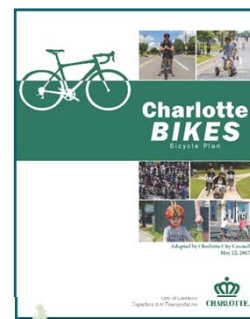
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- Changing expectations for bicycle infrastructure – **Focus on “AAA” facilities**
- Leverage existing infrastructure & fill key gaps to create continuous corridors
- Start in and build the network out
- **6 “E’s” of Bicycling**
 - Equity
 - Engineering
 - Education
 - Encouragement
 - Enforcement
 - Evaluation



AAA Facilities =

Suitable for cyclists of All Ages and Abilities



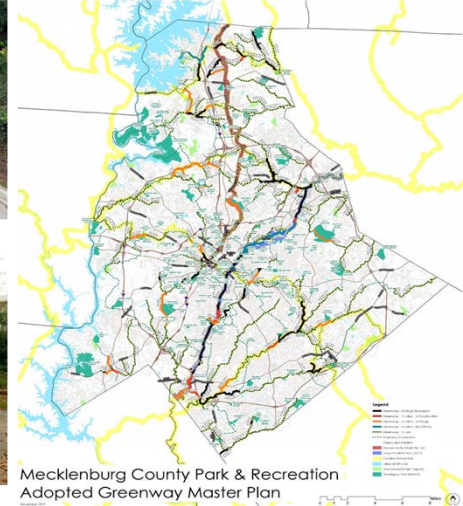
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County Greenway Master Plan

- Update underway through the **Meck Playbook** effort
- Greenways are the **#1 amenity requested by Mecklenburg County residents**. (*Citizen Survey, 2015 Greenway Master Plan update*)
- Greenway Master Plan includes 308 miles
- Currently, **55 miles of greenway are completed**
- Accelerated plan is to complete **30 new miles of greenway from 2019 to 2023**
- Integrated with City of Charlotte active transportation (ped/bike) planning



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Strategic Energy Action Plan (SEAP)



SEAP
STRATEGIC ENERGY ACTION PLAN
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GOALS

- Strive to source 100% of municipal energy use in buildings and fleet from zero carbon sources by **2030**.
- Strive to become a low carbon city by **2050**, emitting less than 2 tons of carbon dioxide equivalent per person.

FOCUS AREAS

1. Buildings
2. Transportation
3. Energy Generation
4. Workforce Development & Equity

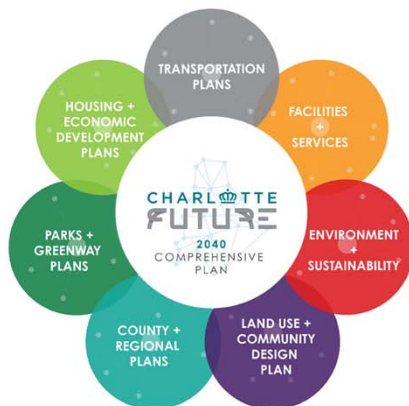
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2040 Comprehensive Plan

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VISION ELEMENTS



1. TRANSPORTATION CHOICE & CONVENIENCE
2. SAFE, INVITING, & DISTINCTIVE PLACES
3. THRIVING ECONOMIC INNOVATION & OPPORTUNITY
4. VIBRANT ARTS, CULTURE, & EDUCATION
5. HEALTHY & SUSTAINABLE
6. EQUITABLE ACCESS TO SERVICES & RESOURCES
7. AFFORDABLE & DIVERSE HOUSING
8. COORDINATED GROWTH & DEVELOPMENT

We are here!



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Regional Transportation Plans

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Summary of Public Engagements

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CATS Plans

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- **LYNX Silver Line Engagement (2015-2016)**
 - 61 neighborhood and public meetings
 - Over 1,000 engaged
- **LYNX System Update (2017-2019)**
 - 19 public workshops (with over 600 attendees)
 - 3,200+ survey participants
 - 2,800+ Facebook Live public workshop views
 - 70 Stakeholder, Civic Organization, and Neighborhood Meetings
 - 2,000 engaged
- **Envision My Ride (2016-2019)**
 - 17 public meetings (395 attendees)
 - 49 rider engagement events (1,148 riders engaged)
 - 1,209 survey responses
 - 250 comments through online comment tool
- **Regional Transit Engagement Series (2017-2019)**
 - 42 forums
 - 1 regional transit summit





Charlotte WALKS

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What does walkability mean to Charlotteans?



Charlotte WALKS Public Meetings



Engaged over

1,000 residents at

30 different public input events



Youth Transportation Fair



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Charlotte BIKES

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- Transportation Fairs
- Pop-Up Meetings
- Bike Tours/Audits
- Statistically Valid Telephone Survey
- Charlotte Cycles Community Dialogues
– Charlotte Knight Foundation
- Bicycle Advisory Committee
- Cross Charlotte Trail & Uptown Connects Meetings
- Open Streets 704

What does bicycle-friendly mean to Charlotteans?



86% think streets should be designed for walking, biking, & transit.

(CDOT Transportation Survey, 2016.)



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Strategic Energy Action Plan

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COMMUNITY



1,385
attendees

Various SEAP education & engagement events including schools, universities, places of worship, & other organizations



400
attendees

Earth Day event



1,100
followers

Office of Sustainability
social media



300
attendees

National Drive
Electric Week



23
establish-
ments

Green Crown
Certifications

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CHARLOTTE
FUTURE
2040
COMPREHENSIVE
PLAN

CLT FUTURE 2040 Engagement To Date

TOTAL
INTERACTIONS

500,000+



KEY
STAKEHOLDERS

370

VOICES

5,500+



METHODS OF
ENGAGEMENT

25+

CLT Future 2040: Comprehensive Plan

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ASA/Stakeholder Meetings

- 7 meetings
- 445 attendees

Community Workshops

- 6 workshops
- 300+ people

Gameplay

- 35+ in-person sessions
- 840+ people played in-person sessions
- 990+ people played online sessions
- 1,800+ people gave input

Pop-up events

- 30+ events
- 1,000+ people

Follower count

Instagram:

- 1,816 followers

Facebook:

- 1,175 people like the page
- 1,397 people follow the page

CLT Future 2040 Email List

- 1,915 subscribers

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Transformational Mobility Network



The Vision: Transformational Mobility Network



LIVABLE & CONNECTED



HEALTHY & SUSTAINABLE



PROSPEROUS & INNOVATIVE



INCLUSIVE & DIVERSE



REGIONAL

"Charlotte will provide **safe** and **equitable** mobility options for all travelers regardless of age, income, ability, race, where they live, or how they choose to travel.

An integrated system of transit, bikeways, sidewalks, trails, and streets will support a **sustainable, connected, prosperous, and innovative** network that connects all Charlotteans to each other, jobs, amenities, goods, services, and the region."

- From Charlotte Future 2040 Comprehensive Plan



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Developing a Transformational Mobility Network

Example of Projects & Emerging Ideas

Rapid Transit Corridors	Bus Priority System	Greenway System	Pedestrian Walkability	Bicycle Priority Network	Roadway Network
Our complete rapid transit vision	Our expanded & prioritized bus network	Our parks & streets for recreation & mobility	Our investment in first & last mile mobility	Our bicycle vision for all ages & abilities	Our investment to manage congestion
Silver Line	Bus Priority Corridors	Silver Line Trail	Mobility Hubs	Uptown Cycle Link	HOV/Managed Lanes
Gold Line (Phase 3)	Microtransit	Mooreville to Charlotte Trail	Micromobility	Protected Cycle Track Network	ITS Smart Corridors
Red Line (BRT/Commuter Rail)		Shared Streets			Autonomous Vehicle Infrastructure
Blue Line to Ballantyne		"Green Links" Network			Electric Vehicle Charging
Regional Bus (high capacity corridors)					Transportation Demand Management (TDM)



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Transformational Mobility Network

What does it look like?

Characteristics

SCALE

larger in scale or mobility impact

CONNECTED

integrates networks, systems, and services

MODE SHIFT

measurably shifts mode and travel choices

BARRIERS

overcomes barriers to key network completion

FUNDING

requires a higher level or accelerated funding

Examples





Lessons from Peer Communities



Lessons from Peer Communities

Broward County, FL (2018)

Purpose: Penny increase to sales tax to fund multimodal projects: strengthen connectivity, traffic system management, improve transit service, enhance multimodal options.

Funding Mechanism: 1% sales tax to yield \$15B over 30 years with more than 1,100 projects.

Results: Passed Referendum 60% to 40%.

Nashville, TN (2018)

Purpose: fund light rail and bus rapid transit and increase bus frequency.

Funding Mechanism: Let's Move Nashville Transit referendum was an \$8.9B plan funded by sales tax, hotel tax, rental car tax, excise tax, and bond proceeds.

Results: Referendum did not pass - 36% to 64%.

Austin, TX (Nov. 2020)

2016: 720M Mobility Bond Referendum passed; Largest Mobility Referendum in Austin's History.

2018: City of Austin City Council unanimously passes the Austin Strategic Mobility Plan, our Mobility "North Star."

2020: Austin looking to November 2020 referendum (Project Connect) for High Capacity Transit. \$3-\$9B plan.



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Lessons from Other Communities



BOLD VISION: “You have to be very **forward thinking** in terms of developing your transportation plan...Don’t look at Charlotte as it is today, imagine Charlotte as it will be in 15, 20 years from now, and build to that!”



COMPREHENSIVE: “Make sure your plan has **broad-based benefits** that can be fairly easily communicated and account for whatever the other hot-button issues are in Charlotte at that particular, given point in time, even if the plan can’t directly address them.”



CIVIC ENGAGEMENT: “Get out and talk to people. Talking to people is the best medicine with regards to gaining trust in your plan and gaining followers. And be data-driven. Have some data behind it, but then talk about it in ways that are understandable.”

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Outreach to Policymakers & Others

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Policymakers & Others

- **State and Federal policymakers (Ongoing)**
- The Alliance Infrastructure/Business Group (Ongoing)
- **Metro Mobility Coalition/Sustain Charlotte (monthly)**
- Transportation, Planning & Environmental Committee (Monthly)
- **Charlotte Regional Transportation Planning Organization (May)**
- Metropolitan Transit Commission (June)
- **Mecklenburg Delegation (July)**
- Joint Inter-Governmental Relations Committee (August)
- **Mecklenburg Board of County Commission (September)**

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Funding Discussions

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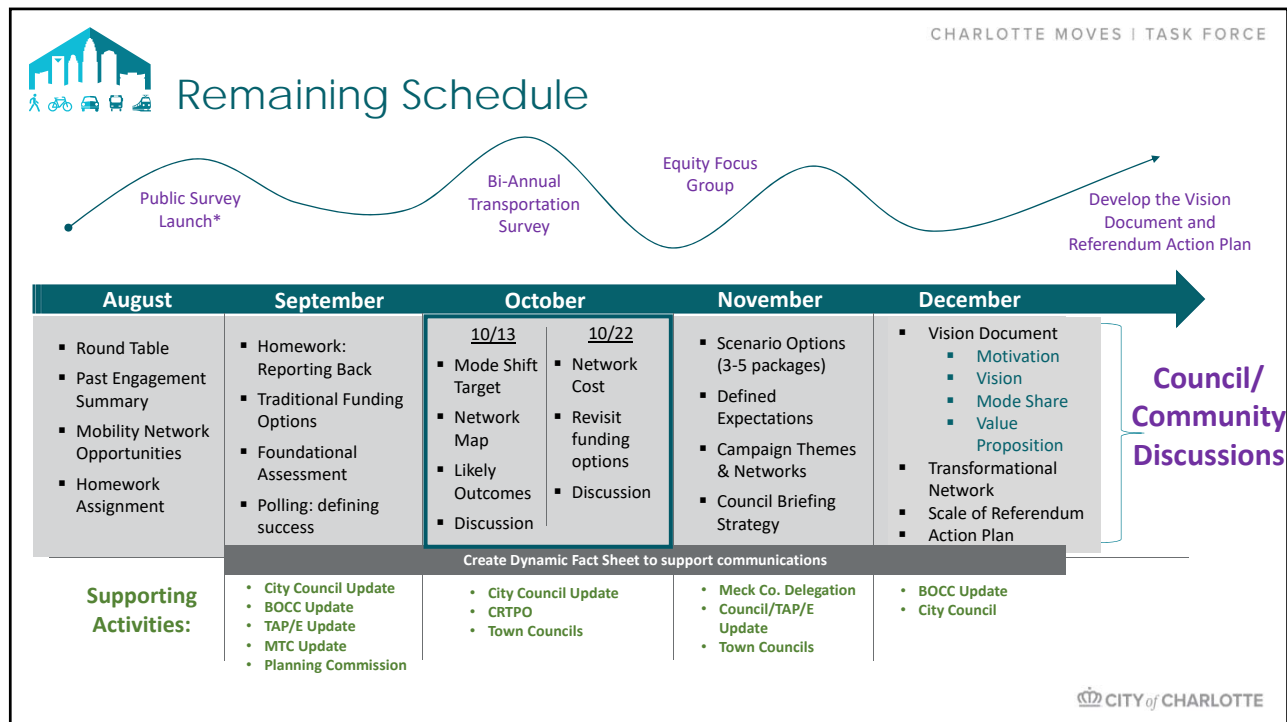


Public Mobility Possible Funding/Financing Sources

Rapid Transit Corridors  Our complete rapid transit vision	Bus Priority System  Our expanded & prioritized bus network	Greenway System  Our parks & streets for recreation & mobility	Pedestrian Walkability  Our investment in first & last mile mobility	Bicycle Priority Network  Our bicycle vision for all ages & abilities	Roadway Network  Our investment to manage congestion
<u>Funding Sources</u> <ul style="list-style-type: none"> Transit sales tax TIF/TIG State grants Federal grants, formula funds <u>Financing Tools</u> <ul style="list-style-type: none"> COPS Revenue Bonds Federal loan Private capital through a P3 	<u>Funding Sources</u> <ul style="list-style-type: none"> Property Tax Transit sales tax FTA Formula Funds FTA discretionary grants State funds <u>Financing Tools</u> <ul style="list-style-type: none"> GO Bonds 	<u>Funding Sources</u> <ul style="list-style-type: none"> Property Tax Grants Private funds <u>Financing Tools</u> <ul style="list-style-type: none"> GO Bonds 	<u>Funding Sources</u> <ul style="list-style-type: none"> Property Tax Grants Private funds <u>Financing Tools</u> <ul style="list-style-type: none"> GO Bonds 	<u>Funding Sources</u> <ul style="list-style-type: none"> Property Tax Grants Private funds <u>Financing Tools</u> <ul style="list-style-type: none"> GO Bonds 	<u>Funding Sources</u> <ul style="list-style-type: none"> Property Tax State funds Grants <u>Financing Tools</u> <ul style="list-style-type: none"> GO Bonds Private capital through a P3



Remaining Schedule



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Ongoing Public Survey

INTRODUCTION & OVERVIEW

In coordination with the Charlotte Future 2040 Comprehensive Plan, the City of Charlotte is preparing the **Charlotte MOVES Strategic Mobility Plan** to guide the future of transportation and mobility in Charlotte.

Your answers to the following survey questions will help the City in its work to provide safe and equitable mobility options for all travelers regardless of age, income, ability, race, where they live, or how they choose to travel.

Thank you for your time and your input on the **Charlotte MOVES Strategic Mobility Plan**.

8%

Next

<https://www.surveymonkey.com/r/CharlotteMOVES>

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Next scheduled meeting is Thursday, September 17