



PUBLIC TRANSPORTATION

STRATEGIC PLAN

Connecting North Carolinians to Opportunities



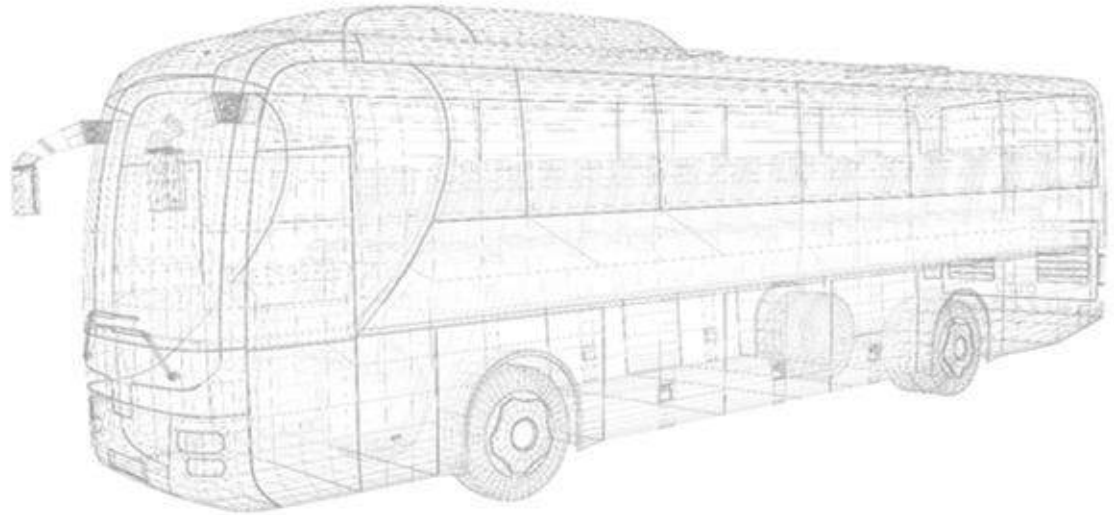
LAND USE COMMUNITY

Meeting #1

WRA, LLP & Renaissance Planning | May 9, 2017

AGENDA

- Welcome and introductory remarks
- *Poll Everywhere 1*
- Today's transit topics
- Participant introductions
- Speakers and panel discussions
- Break
- Small group breakout sessions
- Topic debriefs
- Closing remarks and next steps
- *Poll Everywhere 2*



WELCOME |

NCDOT PUBLIC TRANSPORTATION DIVISION
STATEWIDE PUBLIC TRANSPORTATION PLAN

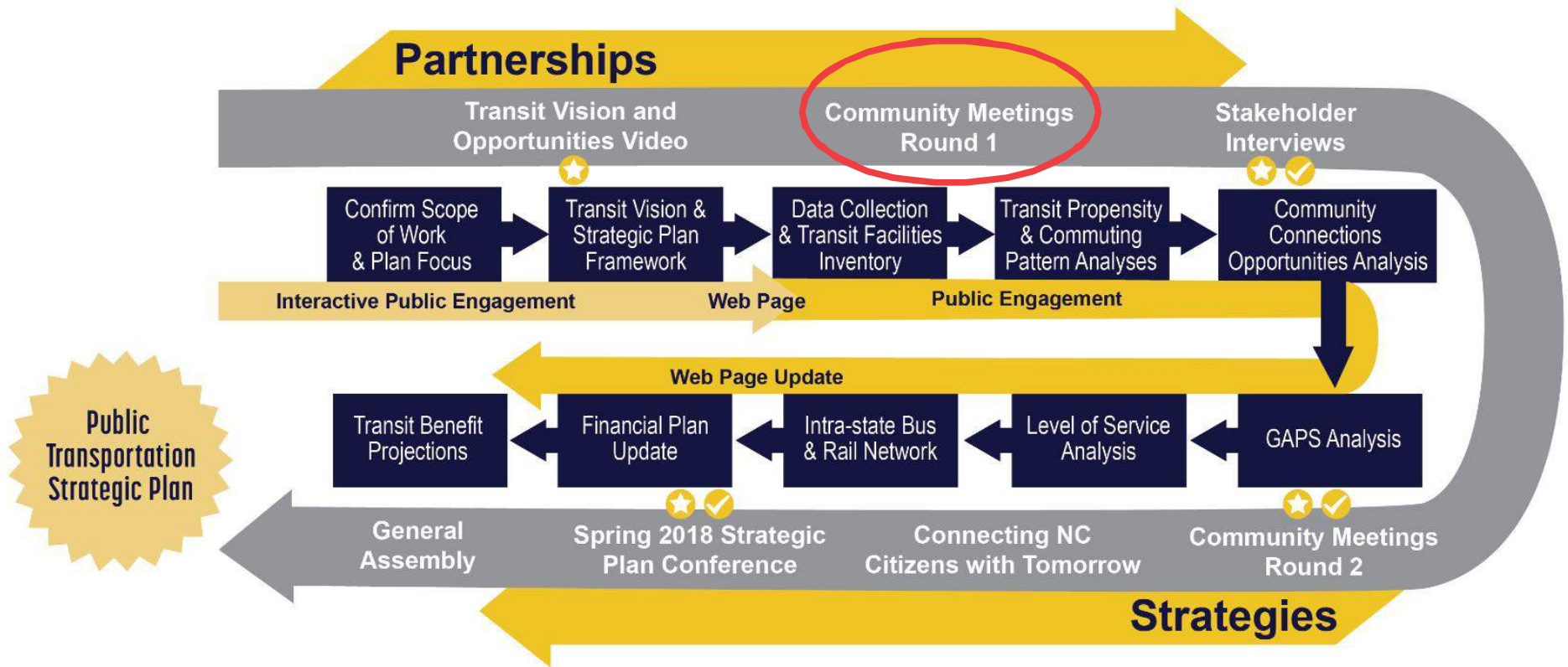
LAND USE COMMUNITY MEETING 1

WORK PLAN

- Technical and Executive Committees
- Nine communities – Two workshops per community
- Seven geographic communities
- Two statewide communities
 - Land Use
 - Technology
- 15 analysis districts for commuting patterns and opportunity analysis
- 40 stakeholder interviews
- Web-based public involvement
- Two 3 to 5 minute videos
- Final and Summary Plan documents
- Assist with Spring 2018 Strategic Plan Conference

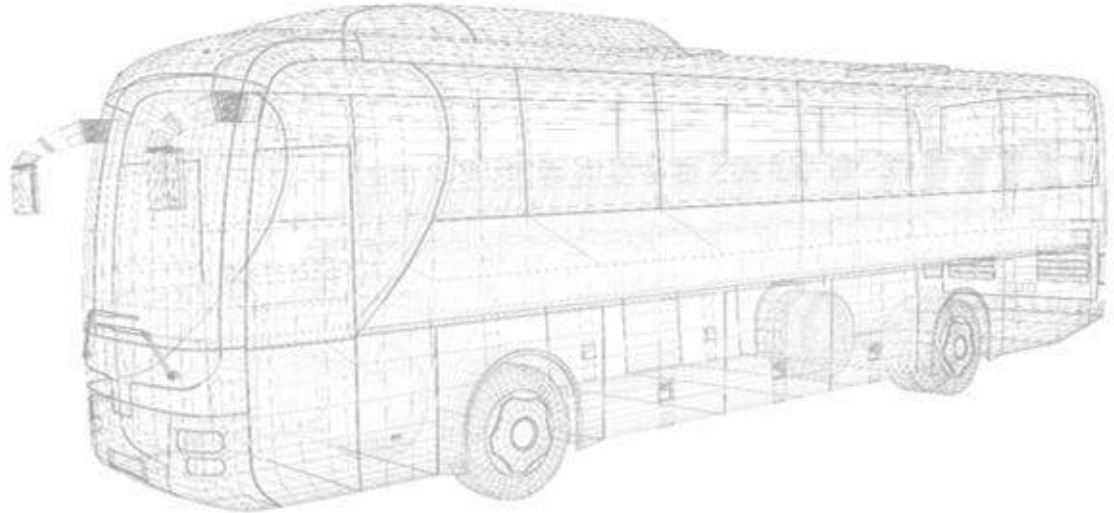


Public Transportation Strategic Plan Conceptual Work Plan



★ Executive Leadership Committee

✓ Technical / Steering Committee



TODAY'S TRANSIT TOPICS |

PUBLIC TRANSPORTATION AND LAND USE IN
NORTH CAROLINA

BIG PICTURE

ISSUES

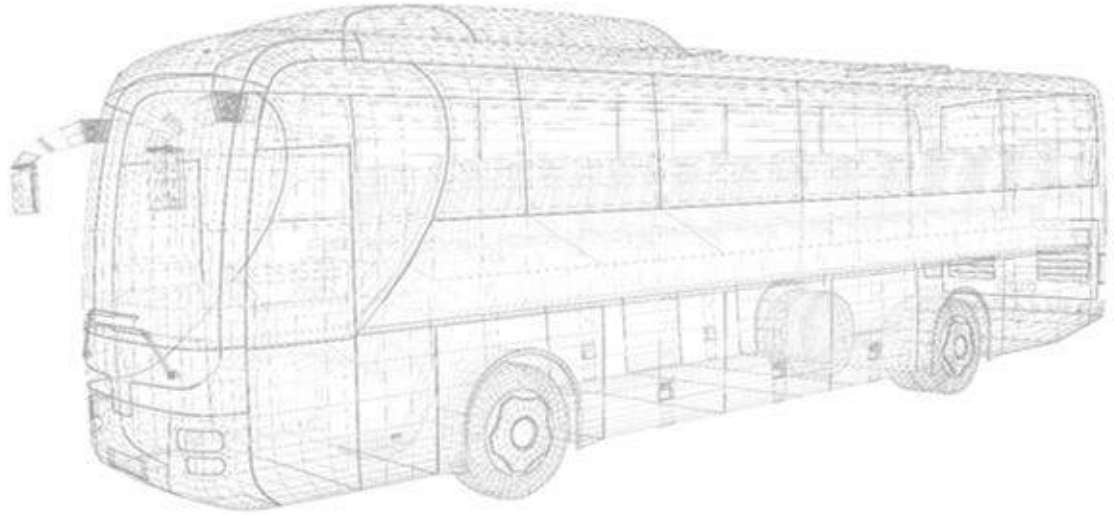
- Lack of connectedness
- Challenges of serving urban, suburban, and rural areas
- Placemaking and design

OPPORTUNITIES

- Coordination
- Technology and service delivery
- Market for transit-oriented development has not been fully realized in NC

TOPICS

- Transit-oriented development through the lens of regional and systems planning
- Supporting transit through placemaking, complete streets, and urban design
- North Carolina land use policy and development regulations



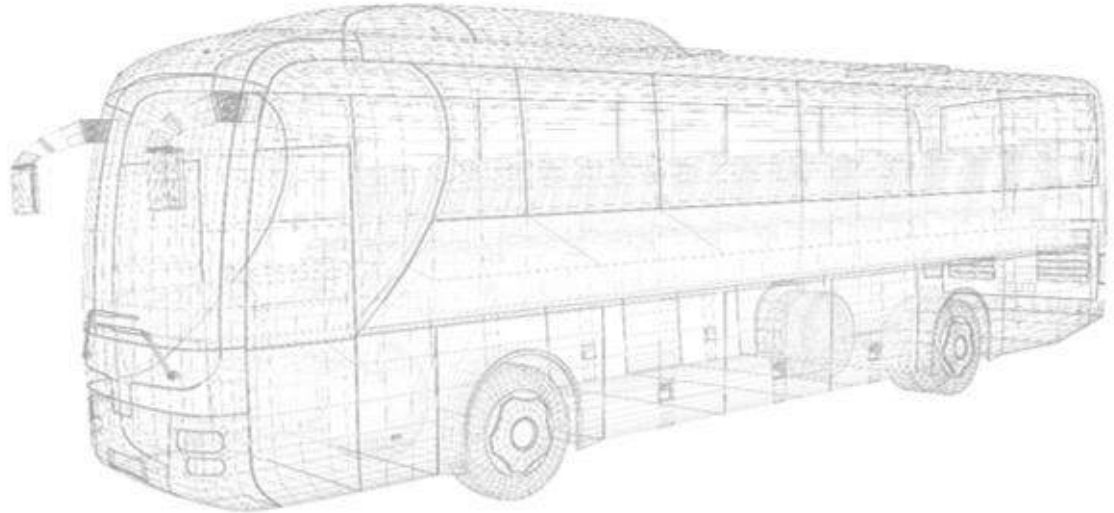
STRATEGIC PLAN MESSAGING |

POLL EVERYWHERE #1

YOUR THOUGHTS

Text One Word:

What word would you use to illustrate your vision
for the future of North Carolina Public
Transportation

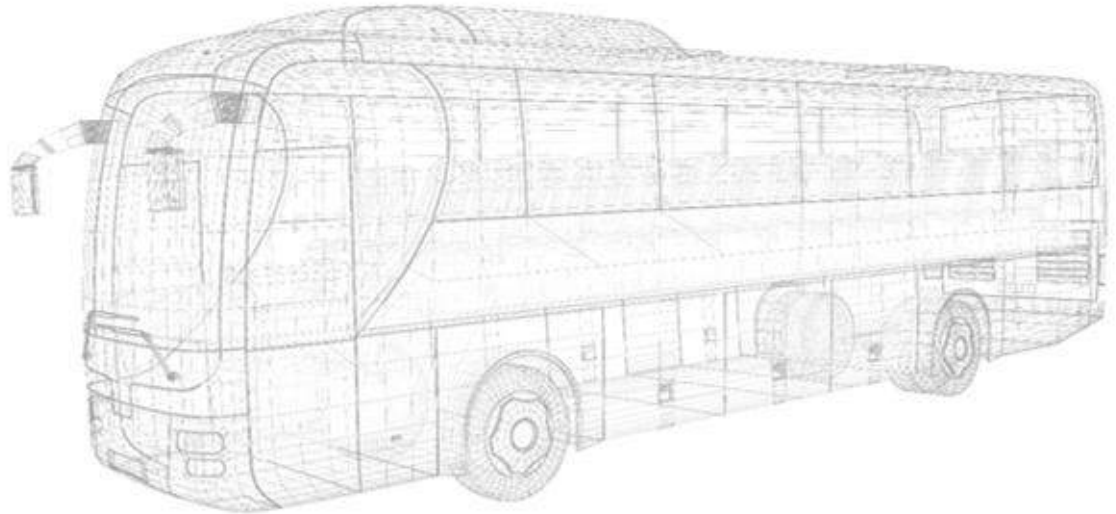


PARTICIPANT INTRODUCTIONS |

ROLL CALL

- Name
- Affiliation/organization
- What is your group/organization/agency doing with respect to land use and transit issues?

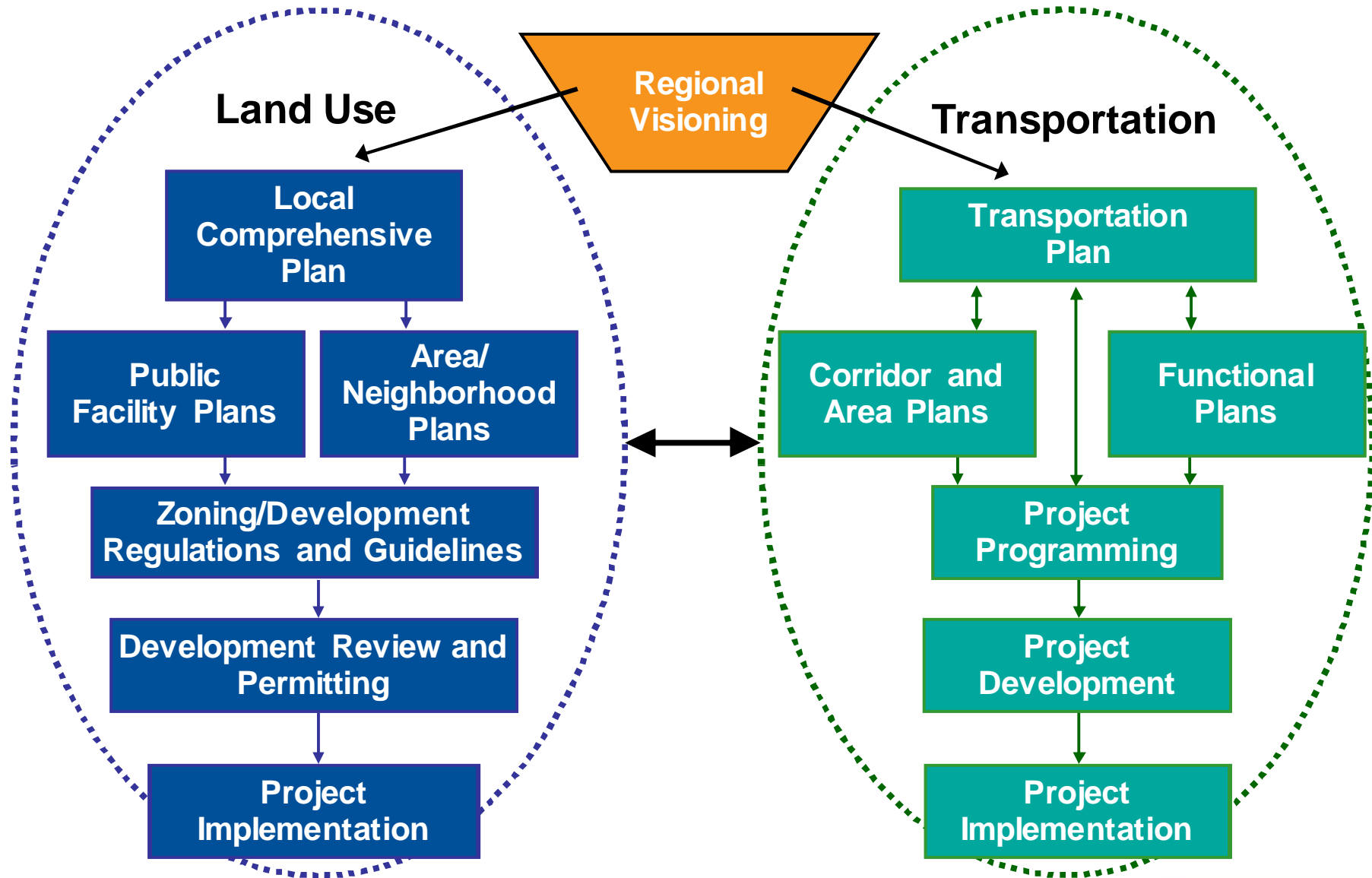




SPEAKERS AND PANEL DISCUSSION |

MODERATED BY JEFF RIEGNER

THE PLANNING CONTEXT



Credit: NTI TOD Course

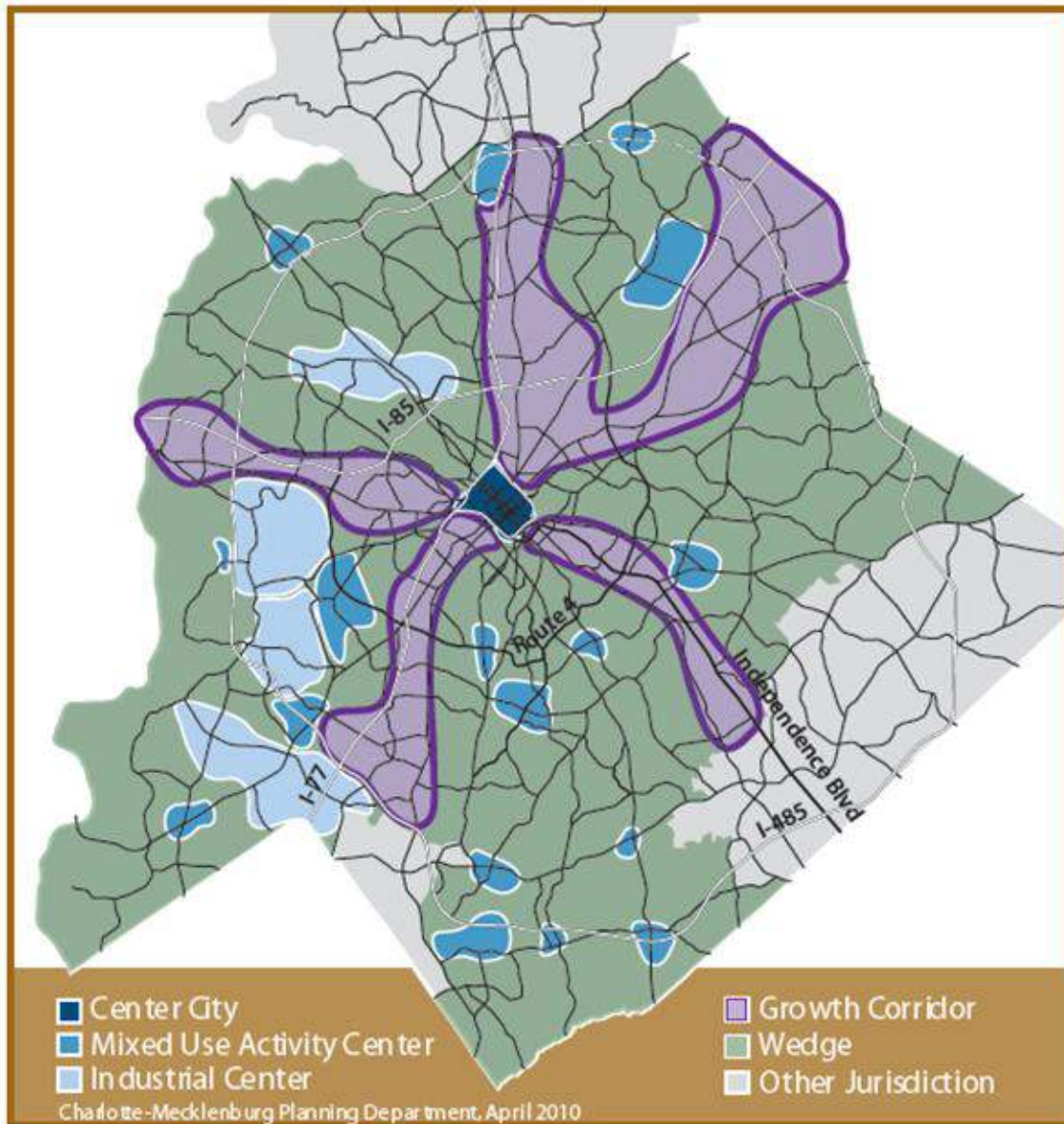
TOPICS

- Transit-oriented development through the lens of regional and systems planning
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- *Transit benefits other than increases in ridership*
- *Promoting major transit investments – recent winners and losers*

TOPICS

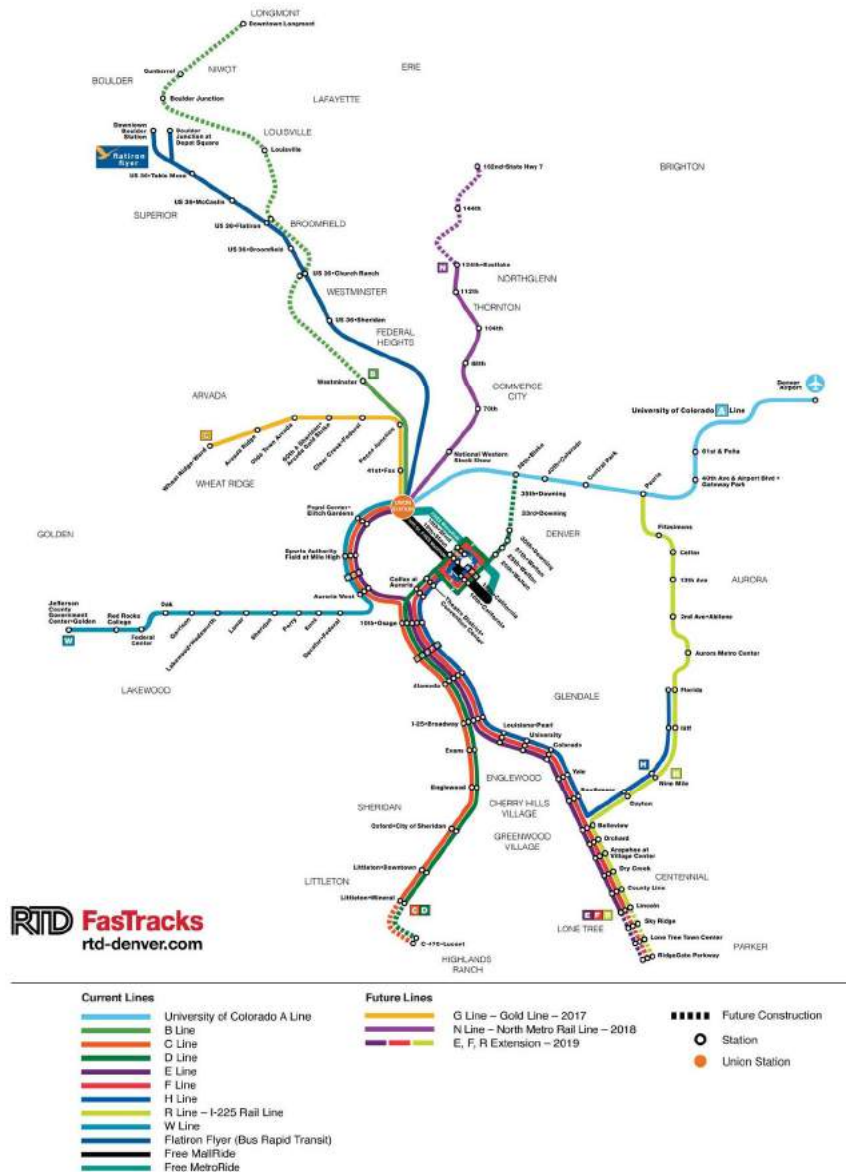
- Transit-oriented development through the lens of regional and systems planning
- Supporting transit through placemaking, complete streets, and urban design
- North Carolina land use policy and development regulations
- *Shouldn't plan in a vacuum*
- *Make the land use-transportation connection*
 - *Interplay between each*
- *Planning systems*
 - *Networks, purpose, outcomes, performance*

Centers, Corridors and Wedges



Growth framework set the tone for making major transit investment decision and still persists.

Denver Region FasTracks

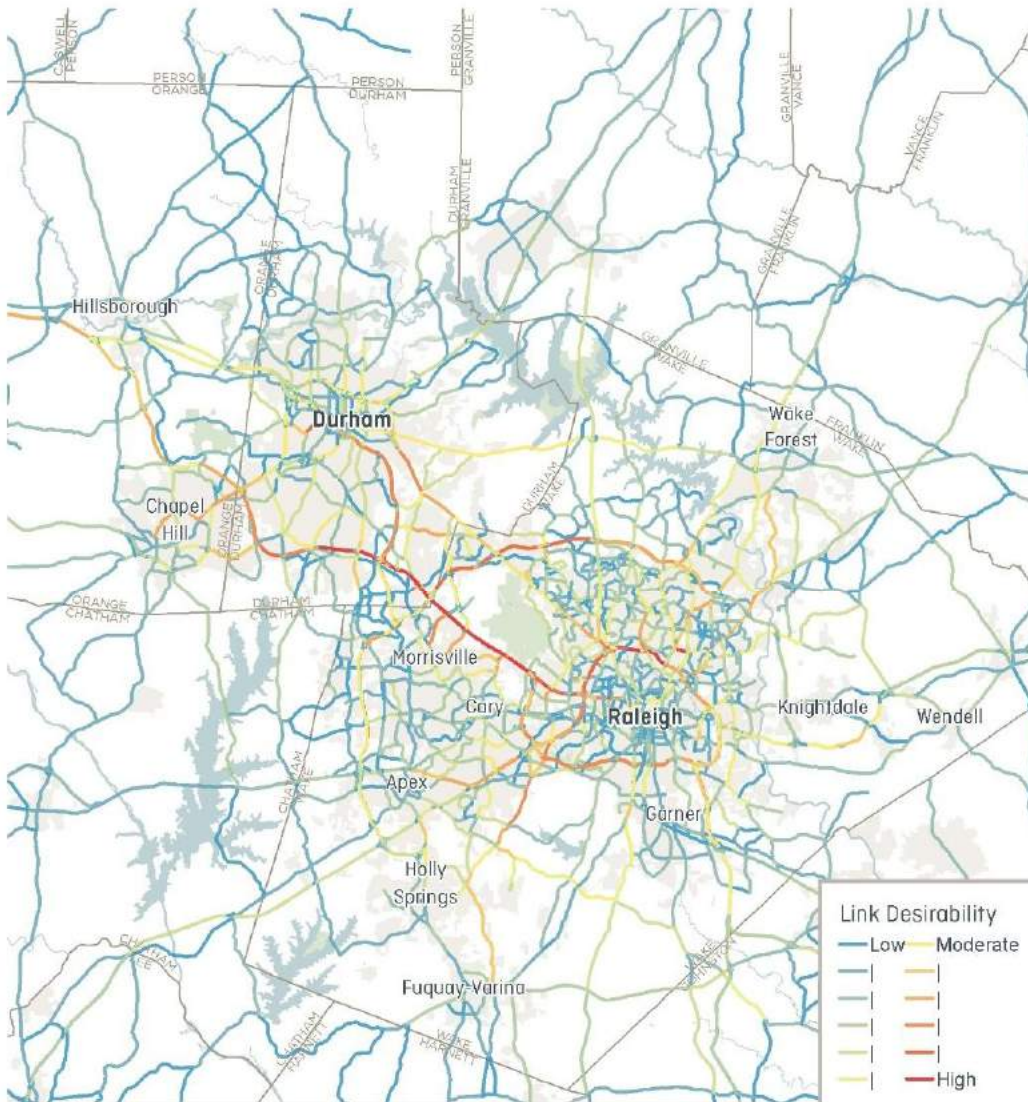


SERVICE STATISTICS

- Service Area population: 2.92 million
- Cities and towns served: 40 municipalities in 6 counties plus 2 city/county jurisdictions
- Square miles in service area: 2,342
- Weekday regular fixed-route scheduled miles: 120,613
- Annual regular fixed-route service miles operated: 44,368,116
- Active bus stops: 9,077
- Park-n-Ride facilities: 80 with 31,117 parking spaces
- Total number of regular fixed routes: 172
 - Rail: 9
 - Local: 124
 - Limited: 16
 - Regional: 16
 - SkyRide: 3
 - Misc: 5 (Free MallRide, Free MetroRide, Art Shuttle, HOP, Senior Shopper)

Triangle Region Network

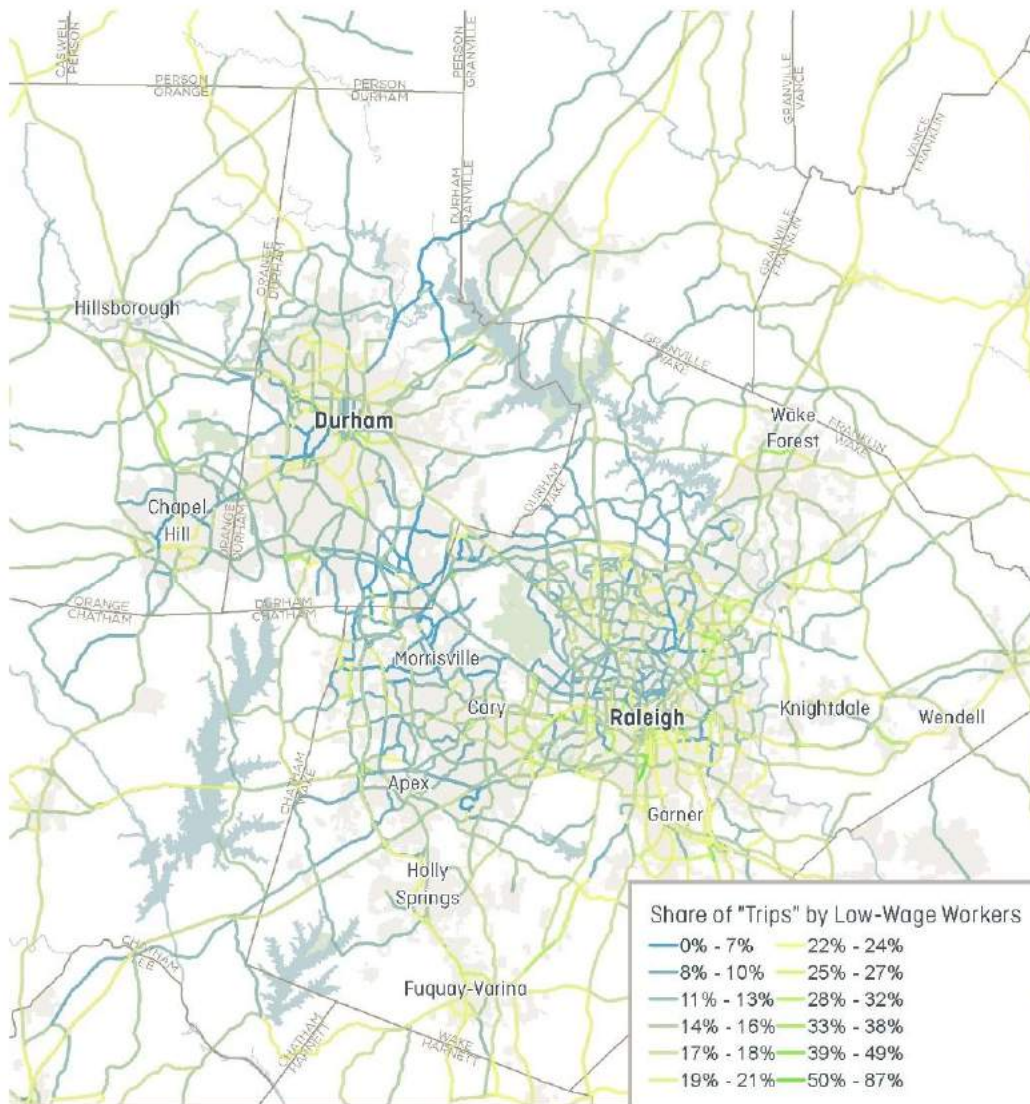
Desire lines show high demand on regional facilities



LINK DESIRABILITY - ALL COMMUTERS

Triangle Region Network

Low wage commuters are less likely to travel on regional facilities

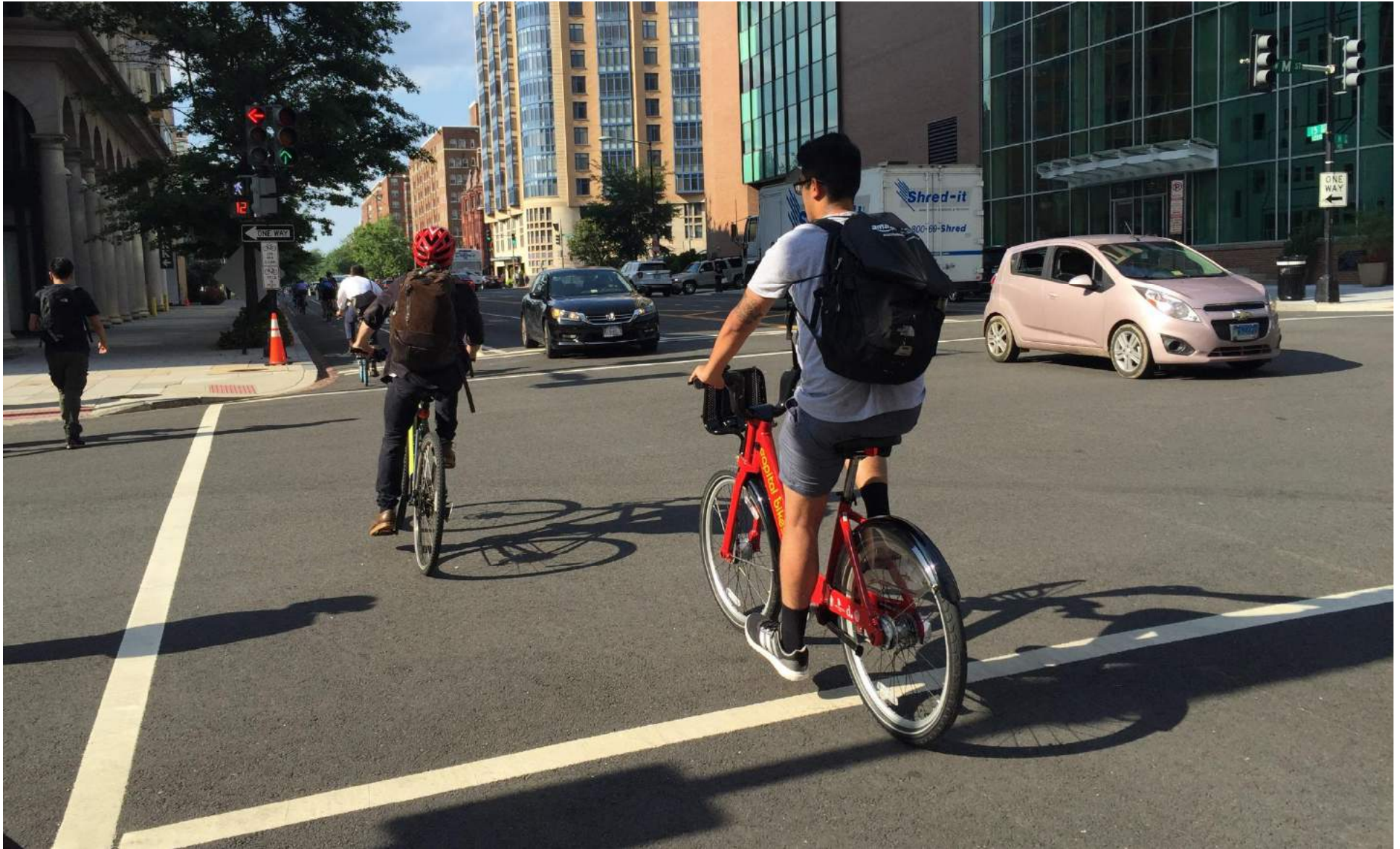


DESIRABILITY SHARE - LOW-WAGE COMMUTERS

TOPICS

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- *Transit supportive R.O.W.s*
- *Connecting people to transit corridors*
 - *The transit experience doesn't end when you step off the bus, train, etc.*

Every rider is a pedestrian at some point



Most riders have to cross the street



Most riders have to cross the street



Transit supportive design is good design



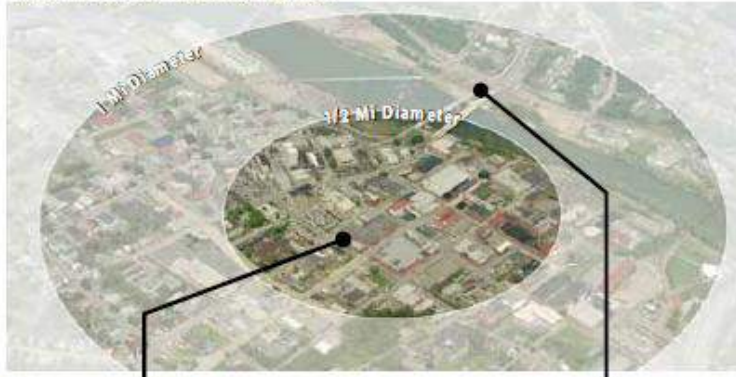
Environment affects travel behavior



TOPICS

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- *Local policies are behind the times with respect to transit supportive development...*
- *...yet many of our desired outcomes require policies, investments, and partnerships to succeed*

Typical P4 Center (Danville, Virginia)



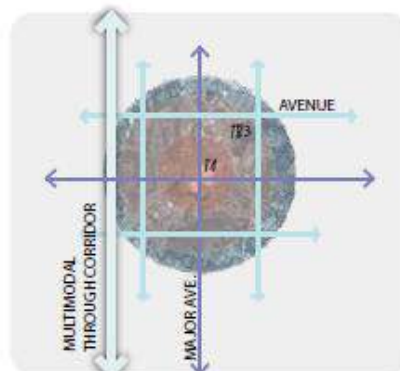
Typical Street view
(Danville, Virginia)

Comprehensive plans and code development need to be coordinated with transit.

Regulations need teeth, especially with respect to density and pedestrian orientation.

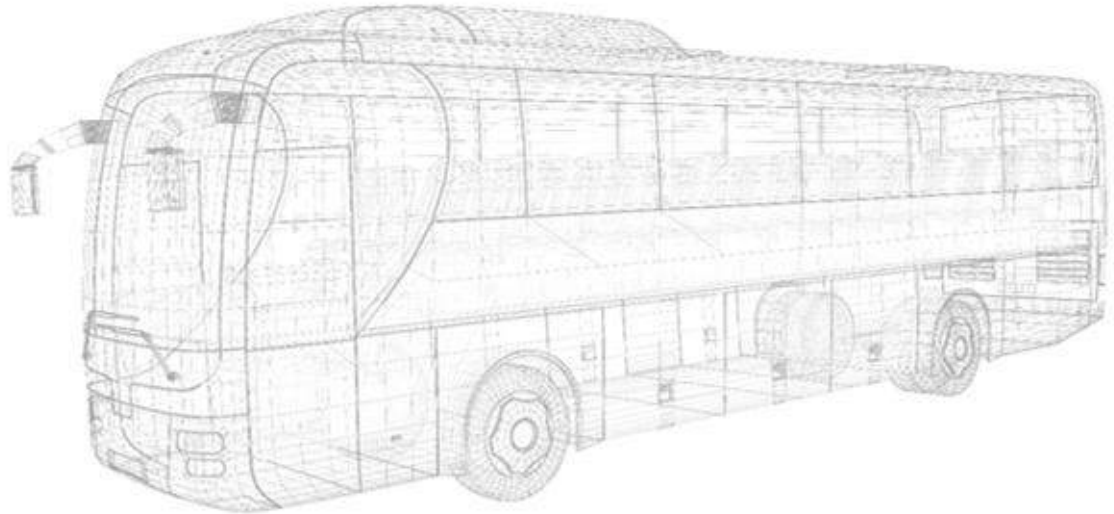
T4		T3	
MIXED USE INTENSITY	Moderate	MIXED USE INTENSITY	Moderate
ACTIVITY DENSITY (jobs + people/ac)	25-60/ac	ACTIVITY DENSITY (jobs + people/ac)	10-25/ac
AVG. BLDG. HEIGHT	4 Stories	AVG. BLDG. HEIGHT	3 Stories
TYPICAL MAX BLDG. HEIGHT	8 Stories	TYPICAL MAX BLDG. HEIGHT	5 Stories
TYPICAL NET FAR	0.57-1.38	TYPICAL NET FAR	0.23-0.57
SUPPORTED TRANSIT TECHNOLOGY	Express Bus	SUPPORTED TRANSIT TECHNOLOGY	Fixed Route Bus

Prototypical Arrangement of Multimodal Corridors (P4 Large Town/Suburban Center)



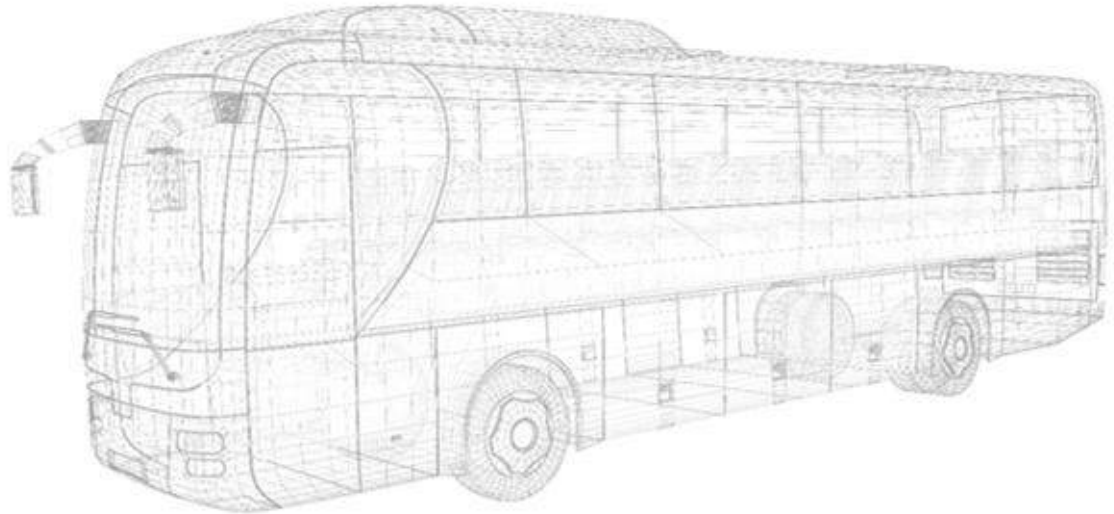
P4 LARGE TOWN/SUBURBAN CENTER SUMMARY TABLE	
ACTIVITY DENSITY (jobs + people/acre)	14 to 34
GROSS DEVELOPMENT FAR (residential + non-residential)	0.2 to 0.5
NET DEVELOPMENT FAR (residential + non-residential)	0.3 to 0.8
SUPPORTED TRANSIT TECHNOLOGY	Express Bus
Height of Buildings	3 story average 6 story typical maximum

Virginia Department of Rail and Public Transportation Multimodal Guidelines



BREAK |

PLEASE RETURN IN 10 MINUTES



SMALL GROUP ACTIVITY |

BREAKOUT SESSIONS

INSTRUCTIONS & TOPICS

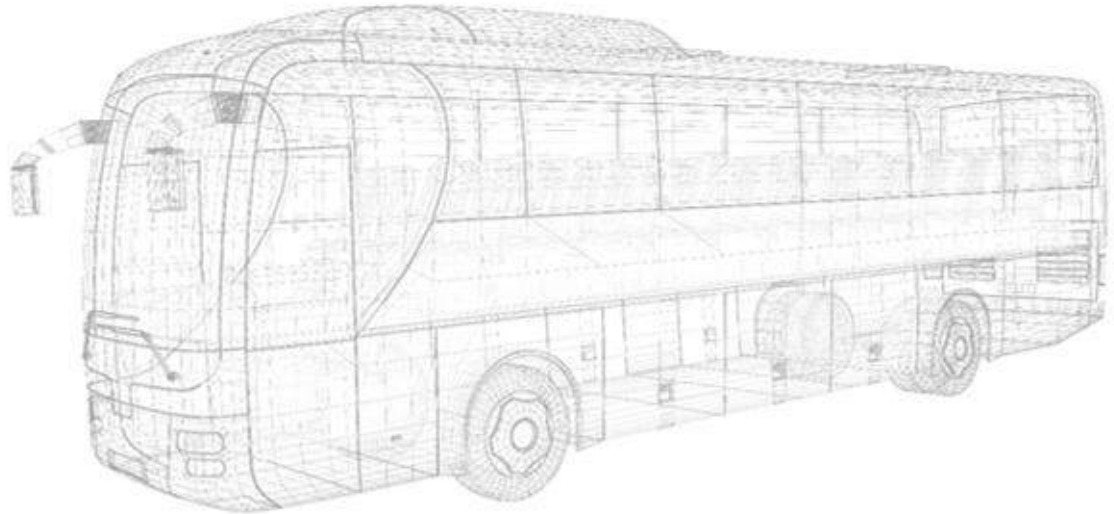
- Select one of the three topic areas to start
- First: Think about current context; what's working?; quickly document
- Second: - Write down three responses to what needs to change?; document responses and try to prioritize
- After 20 minutes, rotate to a new group
- Debrief

TOPICS:

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REPORT OUT

- Topic facilitator will summarize and briefly report the results of the three discussion periods for each topic
 - This discussion will help frame the recommendations contained within the Plan's Land Use chapter
- TOPICS:**
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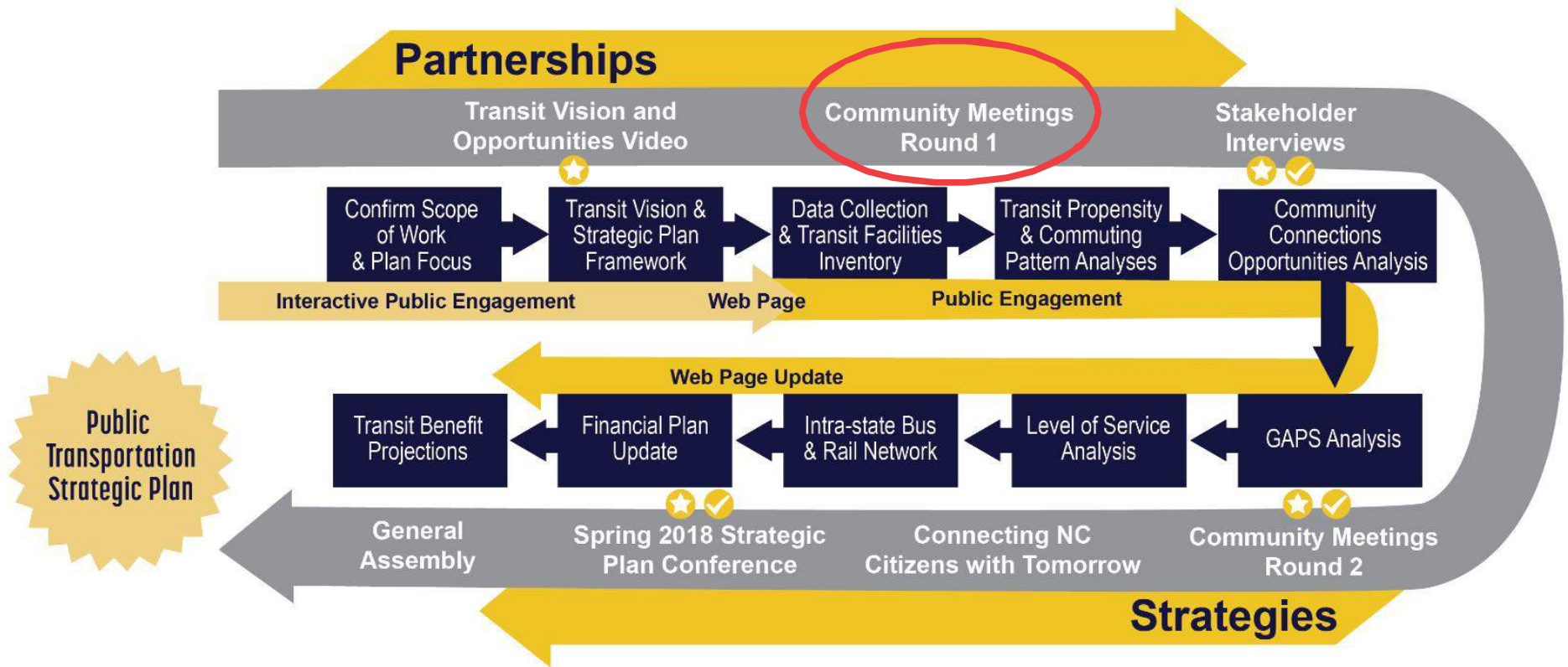


CLOSING REMARKS |

WRAP UP, NEXT STEPS, *AND POLL EVERYWHERE* #2



Public Transportation Strategic Plan Conceptual Work Plan



YOUR THOUGHTS

Poll Everywhere #2

Text Your Reply:

What is the greatest challenge facing Public Transportation in North Carolina? (choose one)

What word should be included in the North Carolina Public Transportation Vision Statement?



PUBLIC TRANSPORTATION

STRATEGIC PLAN

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THANK YOU!

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