Capital Boulevard North
Bikes and Businesses

Virtual Engagement
October 2020
About this meeting

Participating on the computer:
• Use comment box on the right to ask questions

Participating on the phone:
• Press star for options
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Contents

• Capital Boulevard North Background
• Bicycle and Pedestrian Analysis
• Priority Bike/Ped Network
• Bike/Ped Implementation Framework
• Small Business Proposals
Study Elements

- Street improvements
- Land use policy
- Bicycle and pedestrian improvements
- Community development/Economic development
Study Timeline

Summer 2018: Visioning

Fall 2018: Kickoff workshop

Spring 2019: Big Ideas Workshop

Fall 2019: Design Directions Workshop

Fall 2020: Policy Recommendation Review

Winter 2020: Final Recommendations and Draft Plan
Capital Boulevard Multi-way

Through lanes

Bus-only lanes

Local lanes
Interchange Concept

- Local lanes
- Regional lanes
- Bus-only lanes
Land Use Vision Concepts

Proposed Interchanges
Study Elements

• Street improvements
• Land use policy
• Bicycle and pedestrian improvements
• Community development/Economic development
What are types of bicycle and pedestrian improvements?
Sidewalk

Crossing Area

Pedestrian Bridge

Bicycle Lane

Protected Bike Lane

Multi-use Path
How do we prioritize bicycle and pedestrian facilities?

- BikeRaleigh Plan
- Existing Sidewalks
- Level of Traffic Stress (LTS) analysis
- Transit access
- Equity analysis
Result: Prioritization Map
How are bicycle and pedestrian facilities constructed?

Three means of implementation

1. City street projects (5 to 10 years)
2. Capital Boulevard interchanges (10 to 20 years)
3. Redevelopment and Street Plan Map (more than 20 years)
Stage 1: City Street Projects

- Add sidewalks, bicycle facilities, and crossing areas
- Projects in design or under construction:
  - Atlantic Ave
  - Fox Rd
  - Green Rd
  - Highwoods Blvd
  - New Hope Church Rd
  - Old Wake Forest Rd
  - Trawick Rd/Marsh Creek Rd
- Which streets should be prioritized next?
Stage 1: North (yellow lines)
Stage 1: South (yellow lines)
Stage 2: Interchange Bike/Ped Facilities
Design Options

- Two-way Bike Lane
- Shared Use Path
- One-way Bike Lanes
Protected Bicycle Lanes
Proposed Interchanges

Multiway Boulevard Alternative
- Grade Separated - Tight Diamond
- Grade Separated - Single Point Urban Interchange
- Grade Separation
- Grade Separated Pedestrian Crossing
- Right-in / Right-out (Local Lanes)
- I-5970 (NCDOT Project)

Study Area
Area of Influence
Multiway Boulevard
Proposed Pedestrian Bridges
Pedestrian Bridge Examples
Stage 2: North (orange line)
Stage 2: South
(orange line)
Stage 3: Redevelopment & Street Plan Map

- Street Plan Map requires new streets or improvements to existing streets
- Some new streets already proposed in Street Plan
- Capital Boulevard North study will recommend additional streets be added
- Street Design Manual requires bicycle facilities for most streets
- Land Use Vision guidance will provide additional requirements within the study area
Two Lane Avenue Type
Capital Crossing

Private Streets proposed to be converted to public
Small Business Efforts Planning Framework

Policies and Actions for the final study report

• Policies describe the desired future of the study area
• Actions give specific goals that support the policies
Small Business Efforts Planning Framework

- Assist businesses open or remain in existing shopping centers
  - Grants for rehabilitation, beautification
  - Encourage internal subdivision
  - Explore business improvement district
  - Promote community identity
Small Business Efforts
Planning Framework

- Reduce impacts from multi-way boulevard concept
  - Keep existing street corners at the same level as today
  - Maintain as much access as possible
  - Select compact interchanges
Small Business Efforts
Planning Framework

• Encourage new development to include small businesses
  • Support inclusion of retail space in new development
  • Grants for inclusion of local businesses
  • Business directory
Next Steps

- Take the survey
  - [https://publicinput.com/R4227](https://publicinput.com/R4227)
- Read the draft policies and actions
  - Linked in the survey
- Publication of study text policies
- Final study report in December/January
Questions?
Thank you for joining us!

Survey:
https://publicinput.com/R4227

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Project web page:
www.raleighnc.gov/capital-boulevard-north-study