Transportation
Please Raise Your Hand

1. Click “Participants” in the bottom toolbar

2. Click “Raise Hand” in the participant menu
Agenda

- Proposed New Streetscape
  - Lake Wheeler
  - South Saunders
  - Hammell
- Transit Amenities and Recommendations
- Survey response Map
- Related Projects

Take the survey!!
Dix Edge Area Study Timeline

- **Fall 2020**: Listening Sessions, Visioning Workshops
- **Winter 2021**: “Phase Now” Public Workshops
- **Spring 2021**: Affordable Housing Summit, “Phase Soon” Public Workshops
- **Summer & Fall 2021**: “Phase Later” Public Workshops, Community Meetings - Recommendations
- **Spring 2022**: Final Council Approval
Streetscape
Lake Wheeler
Lake Wheeler Road Intersections

• The next phase of work on Lake Wheeler will look at how to design the intersections in a way that moves cars and people through safely.

• Potential round-about locations:
  • Hammell at Lake Wheeler
  • Daladams at Lake Wheeler
  • Mercury at Lake Wheeler
Lake Wheeler Road Today
Lake Wheeler Road Today
Lake Wheeler Road Streetscape Today

- Parkside
- Fuller Heights

55'
Lake Wheeler Road Streetscape Option B
LAKE WHEELER ROAD IMPROVEMENT PROJECT
Meet the Team

City of Raleigh, Engineering Services
Brian Roth-Roffy, Senior Project Manager
Tiffanie Mazanek, Communications Specialist

City of Raleigh, Department of Transportation
Fontaine Burruss, Transportation Planner
Rob Murray, Communications Specialist
Pre-Design

- Intersection Design
- Finalize cross-section
- Public-touch point

Full Design

- Full, detailed design
- Utilities coordination
- Grading
- Stormwater
- Right-of-way allocation
- Public-touch point
Project Schedule

- **Fall 2021**
  - Pre-Design Touchpoint

- **Late Fall 2021**
  - Dix Edge Study
  - City Council Review

- **Late Fall 2021**
  - Advertised for Design Consultant

- **Mid-Summer 2022**
  - Design Touchpoint

- **Winter 2022**
  - Award Design Contract

- **TBD**
  - Construction
Questions?
Brian.Roth-Roffy@RaleighNC.gov
Fontaine.Burruss@RaleighNC.gov
Lake Wheeler Road Design Poll
Streetscape South Saunders
South Saunders Street Streetscape

- Fuller Heights
- Summit Ave
- Maywood Ave
- Gilbert Ave
- Prospect Ave
- Caraleigh
- Penmarc Dr

Southern Gateway Study

Downtown South Plans under review
South Saunders Option C
S. Saunders Road Design Poll
Streetscape Hammell
Hammell Today
Hammel Drive Road Design Poll
Group Discussion
Transit Amenities and Recommendations
Transit Amenity Gaps

Bus Stop with Amenity
Bus Stop with Planned Amenity
Bus Stop without Amenity
Sidewalk Gaps
Transit Recommendations

**Short Term (Now - 2030)**

1. Request Capital Improvement Funding through Wake Transit Plan to improve bus stop infrastructure

2. Use high-visibility green pavement to improve bike safety where buses enter bike lanes to serve stops

3. Integrate scooter and bike share stations with bus stops

4. When bus stops reach over 75 boardings per day, provide enhanced amenities

5. When stops qualify for a shelter, incorporate a “bus stop bulb” to allow the bus to stop for passengers without leaving lane

6. Combine BRT and fixed route Transit stops and provide enhanced amenities

**Long Term (2030 – 2050)**

1. 2-Way Service for Route 21 Caraleigh

2. Study new route from Downtown to Tryon Road along Lake Wheeler to improve service south of I-40.

3. Study feasibility of new east/west bus route inside beltline to connect southern BRT to Western BRT.

4. Partner with private shuttle services (such as Village Green) to synchronize service
Transportation Survey Responses
Planned Transportation Projects

Dix Edge Streetscape
Developer Required Projects
Existing Bike Ped Project
Existing Greenway Trail
Proposed Greenway Trail
Survey Response
Requested Projects
Bike and Pedestrian Connections
Better Connections and Crossings
Dix Edge Streetscape Developer Required Projects
Existing Bike Ped Project
Existing Greenway Trail
Proposed Greenway Trail

Bike and Pedestrian Connections
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Bike and Pedestrian Connections
Better Connections and Crossings
Planned Improvements
Dix Edge Improvements
Related Projects
Centennial Realignment
Dix Park Plaza and Play
Contact Info

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