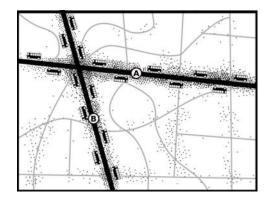
### Wake County Transit Alternatives

#### A Wake County Transit Investment Strategy Report



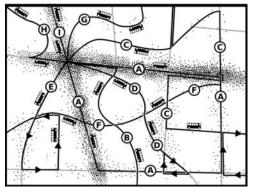


### Ridership / Coverage Spectrum



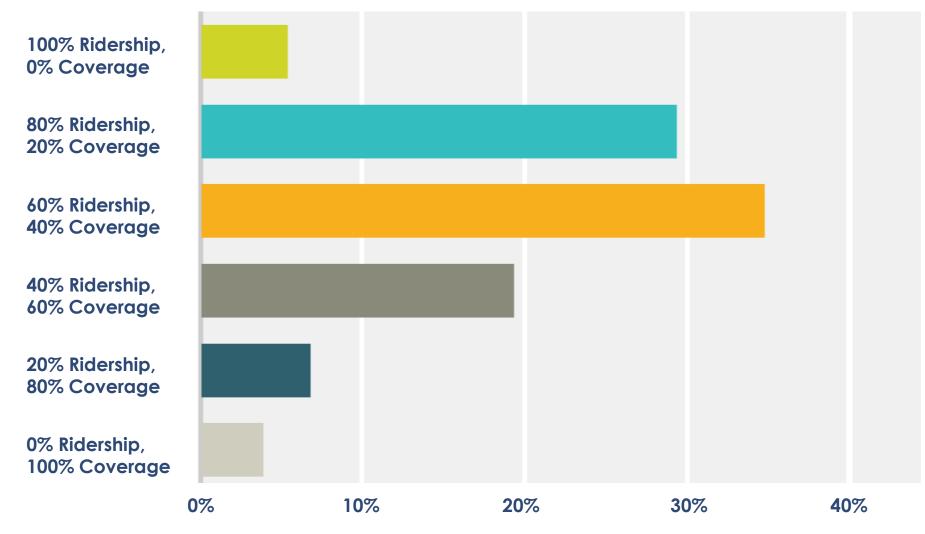
#### Ridership Goal

- "Think like a business"
- Focus on highest ridership potential
- Fewer but more frequent routes
- Support dense and walkable development
- Maximum VMT reduction



- Coverage Goal
  - "Access for all"
  - Services for hard-to-serve areas, despite low ridership
  - Support suburban low-density development
  - Lifeline access for everyone
  - Service to every member city

### How would you split Wake County's transit budget between ridership and coverage?



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### Infrastructure / Service Spectrum



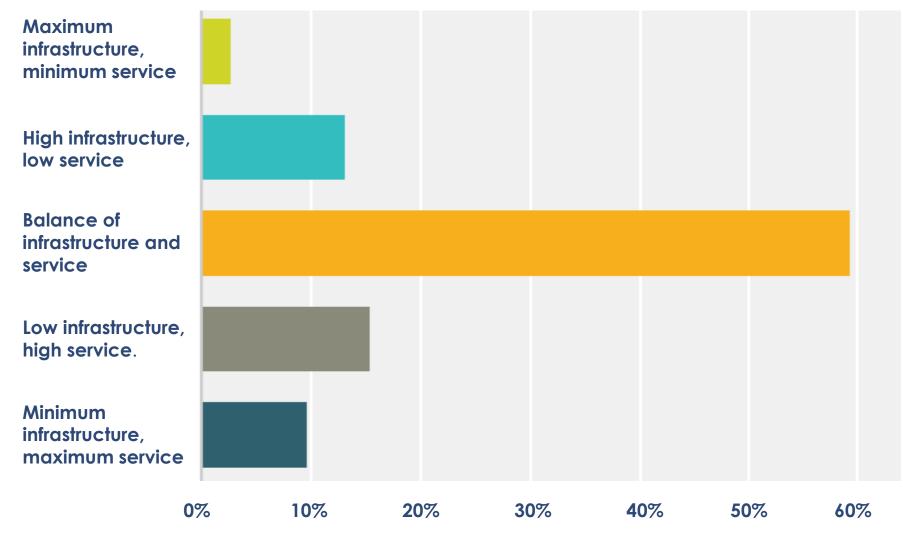
### Capital Goal

- "Invest to make transit look, feel and operate differently"
- Focused where congestion causes delays



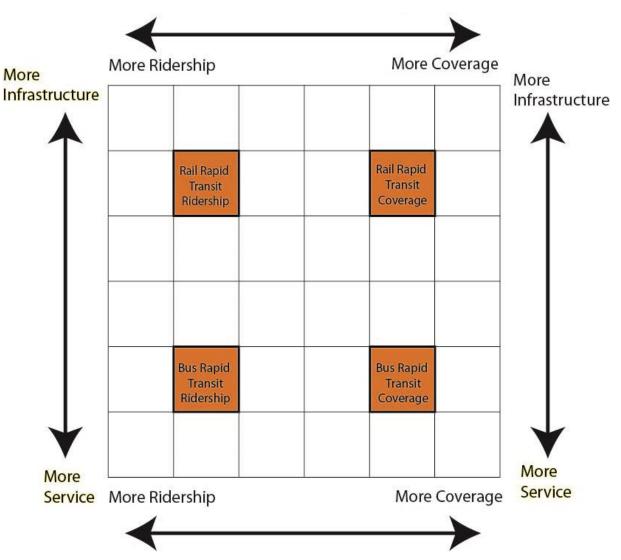
- Operating Goal
  - "Deliver Better Service ASAP "
  - Focused on potentially connecting more areas
  - Service delays are limited by frequency

### How would you split Wake County's transit budget between infrastructure and service?



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# **Four Alternatives**



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## Key Notes on the Alternatives

• All Alternatives increase Span and Frequency

#### **Existing Span**

- WD: 12-20 hrs all routes
- SAT: 12-19 hrs most routes
- SUN: 11-12 hrs some routes

#### **Existing Frequency**

- Peak-based on weekdays
- Limited off-peak and weekend service

#### **Proposed Span**

17-20 hrs <u>all</u> routes <u>every</u> day

#### **Proposed Frequency**

<u>All</u> day, <u>every</u> day



# Bus Rapid Transit

- Dedicated guideway or mixed traffic as needed
- ½ to 1 mile station spacing
- Scalable infrastructure







# Rail Rapid Transit

- FRA compliant to operate in freight rail corridor
- Hybrid of light rail and commuter rail
  - 2 mile station spacing
- Faster overall than BRT

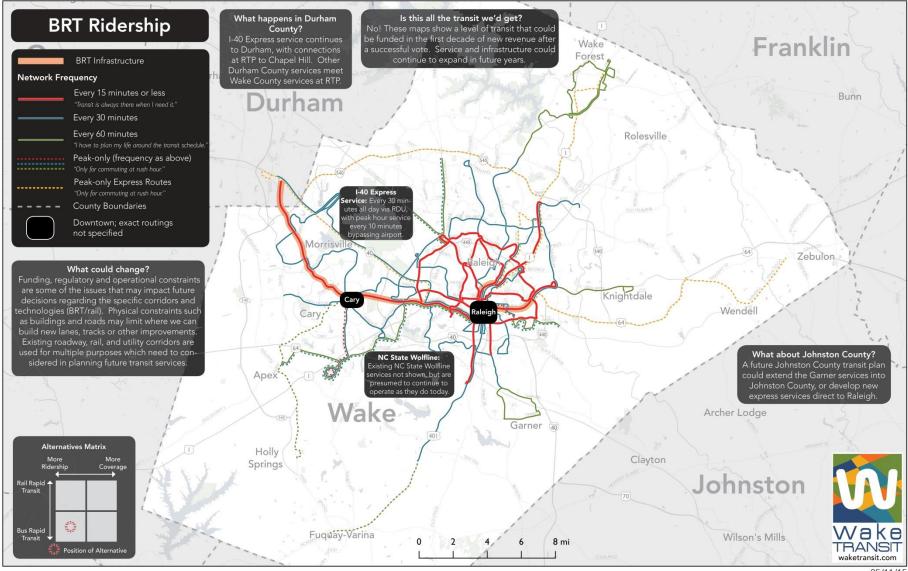




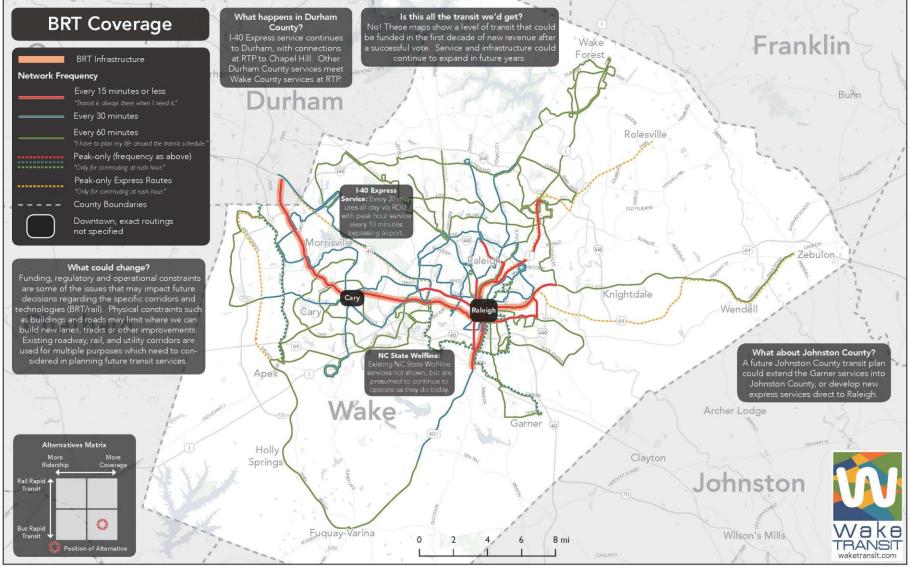




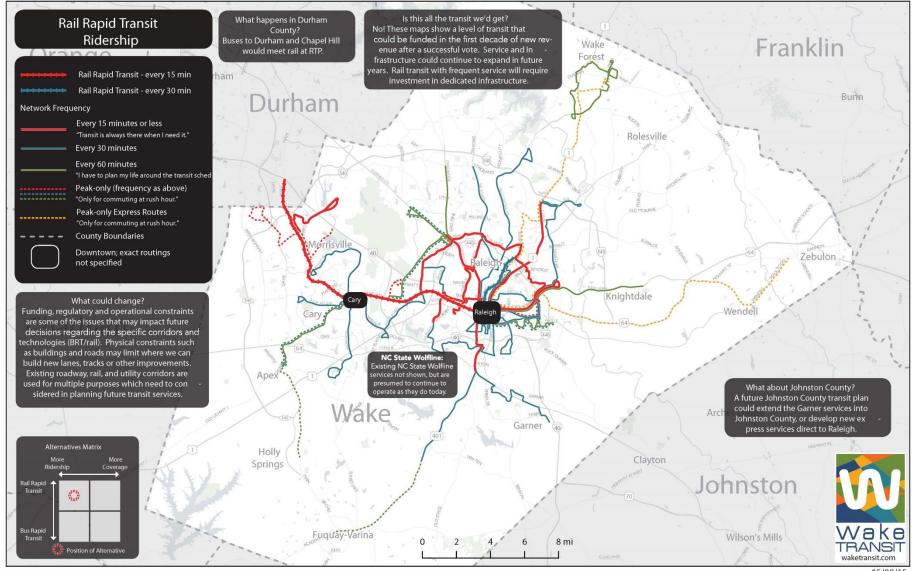
# Bus Rapid Transit - Ridership



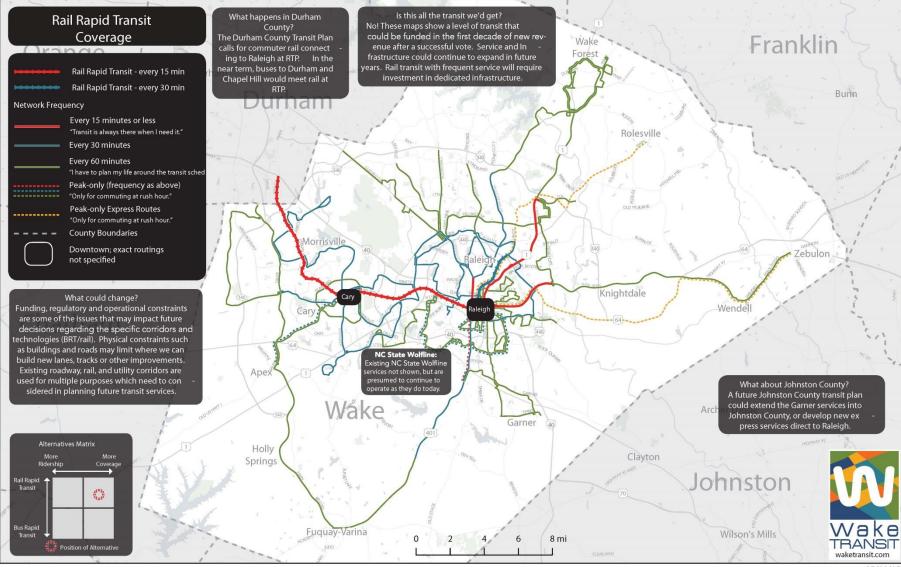
# Bus Raid Transit - Coverage



# Rail Rapid Transit - Ridership



## Rail Rapid Transit - Coverage



### Wake County Transit Alternatives

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