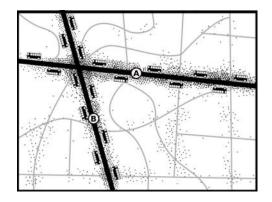
Wake County Transit Alternatives

A Wake County Transit Investment Strategy Report



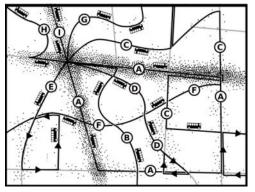


Ridership / Coverage Spectrum



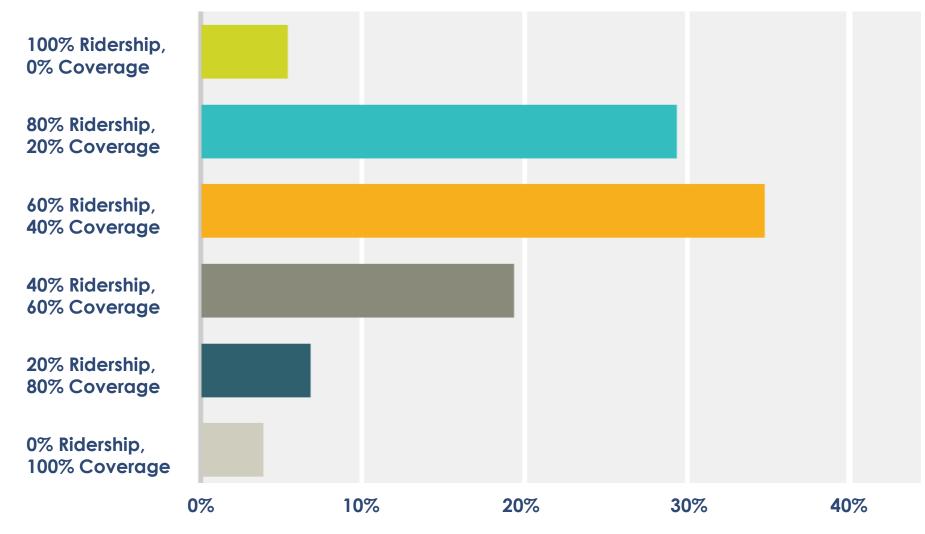
Ridership Goal

- "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



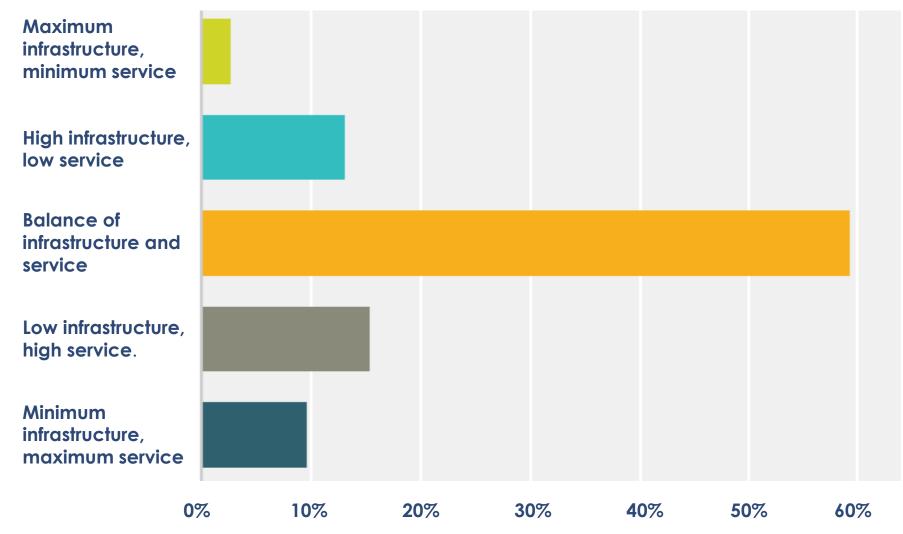
Capital Goal

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



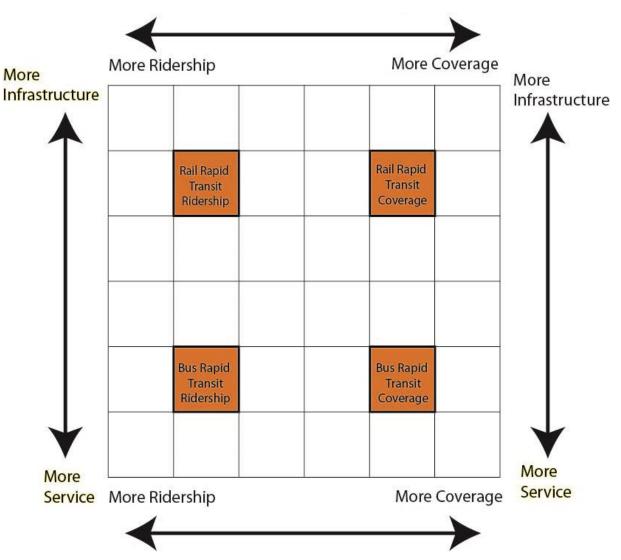
- Operating Goal
 - "Deliver Better Service ASAP "
 - Focused on potentially connecting more areas
 - Service delays are limited by frequency

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

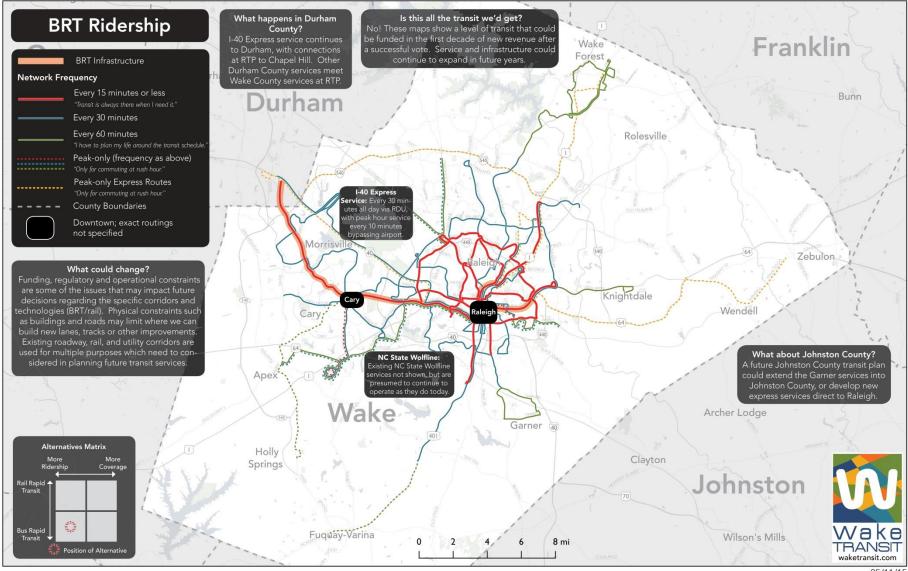




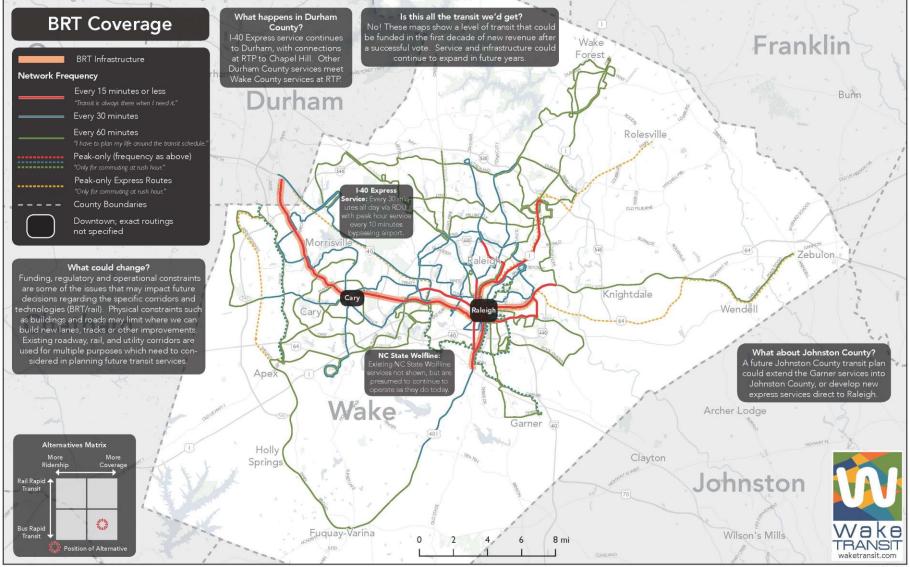




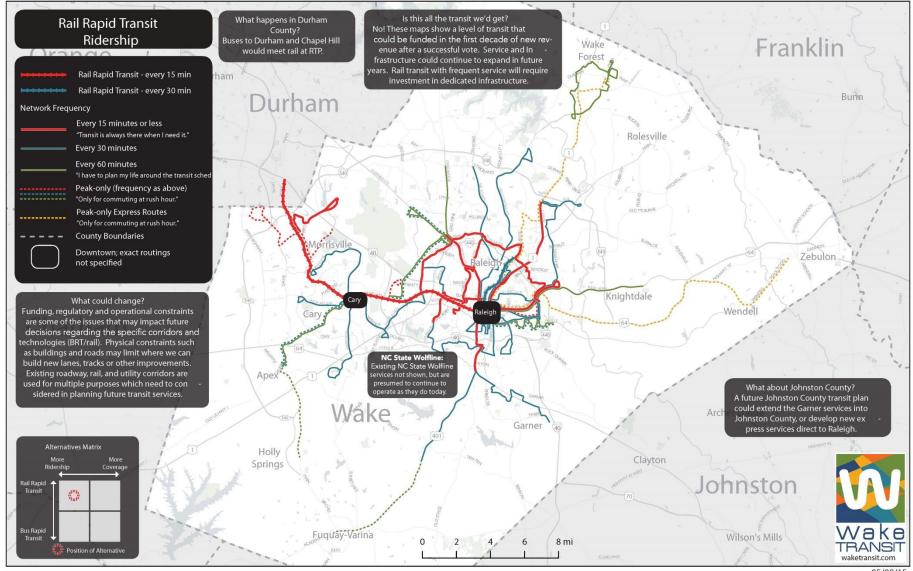
Bus Rapid Transit - Ridership



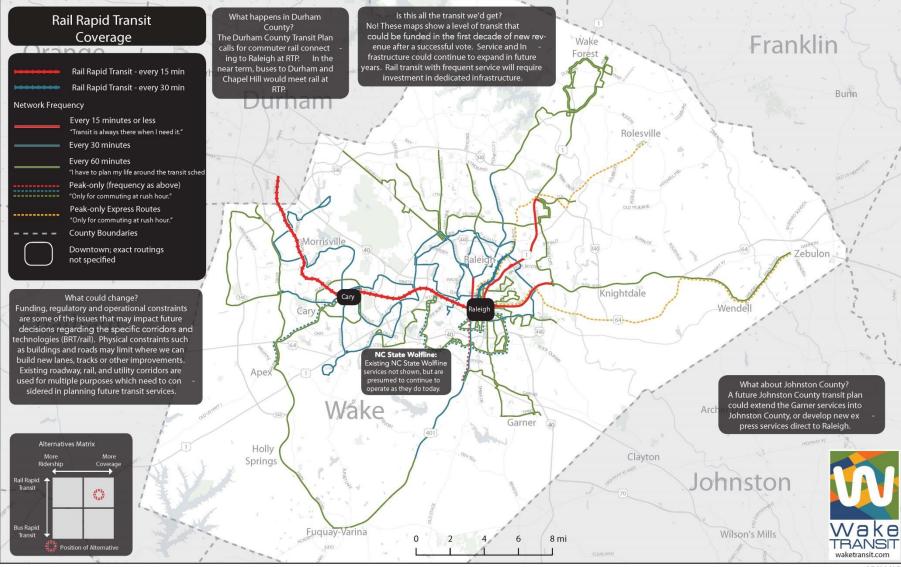
Bus Raid Transit - Coverage



Rail Rapid Transit - Ridership



Rail Rapid Transit - Coverage



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