

Session 35

Suraya Teeple

Jacksonville Transportation Authority

Jacksonville Rapid Transit System Update

Topic Description

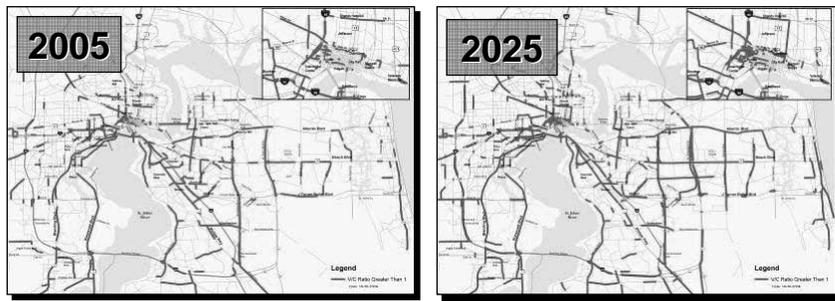
Suraya is delighted to present an update on one of the major transit projects in Florida, the Jacksonville Rapid Transit system.

Speaker Biography

Suraya has over 25 years of experience in transportation planning, project development and NEPA. She has worked for local, regional and state governments, as well as private consultants. She was active in the development of the FDOT Efficient Transportation Decision Making process and the Strategic Intermodal System.

Jacksonville Rapid Transit

- Why Rapid Transit?
 - Congestion
 - Existing System Not Sustainable
 - Increased System Efficiency



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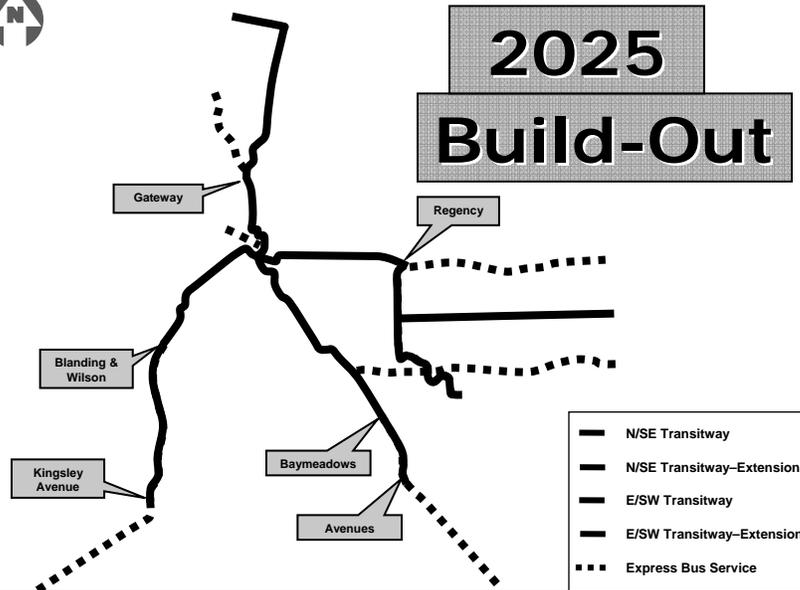
Workshop Recap

- Why Rapid Transit?
 - Congestion
 - Existing System Not Sustainable
 - Increased System Efficiency
- Recommended 2025 and Build Systems



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Recommended Rapid Transit System



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Workshop Recap

- Why Rapid Transit?
 - Congestion
 - Existing System Not Sustainable
 - Increased System Efficiency
- Recommended Build and 2025 Systems
- How Is RTS Different?
 - RTS Components



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RTS Components

- Transitways
 - Separate Facilities
 - Median Lanes
 - Bus Lanes
- Queue Jumpers
- Signal Priority
- Stations



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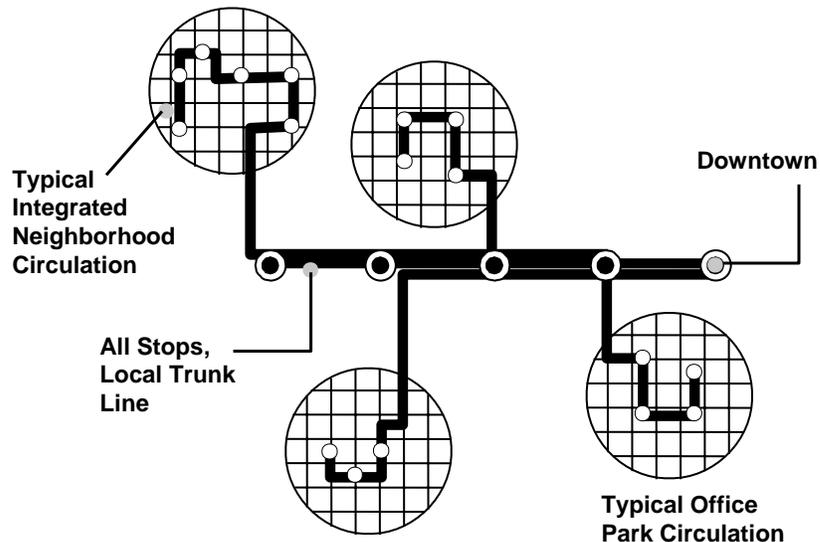
Workshop Recap

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 - RTS Components
 - RTS Service Plan



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Rapid Transit Service Plan



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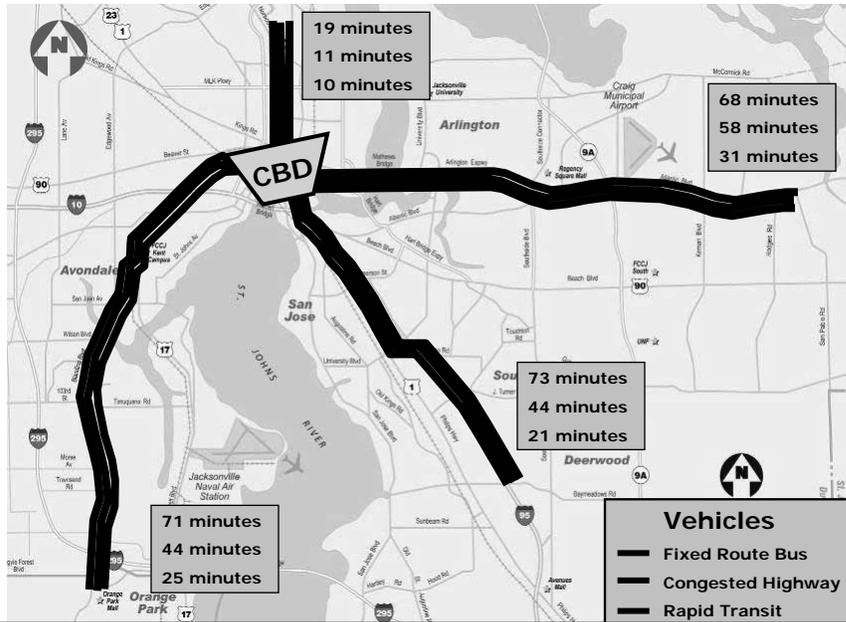
Workshop Recap

- Why Rapid Transit?
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 - RTS Service Plan
 - Travel Time Savings



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Travel Time Savings Estimates - 2025



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Workshop Recap

- Why Rapid Transit?
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 - Increased System Efficiency
- How Is RTS Different?
 - RTS Components
 - RTS Service Plan
 - Travel Time Savings
- Phasing Plan

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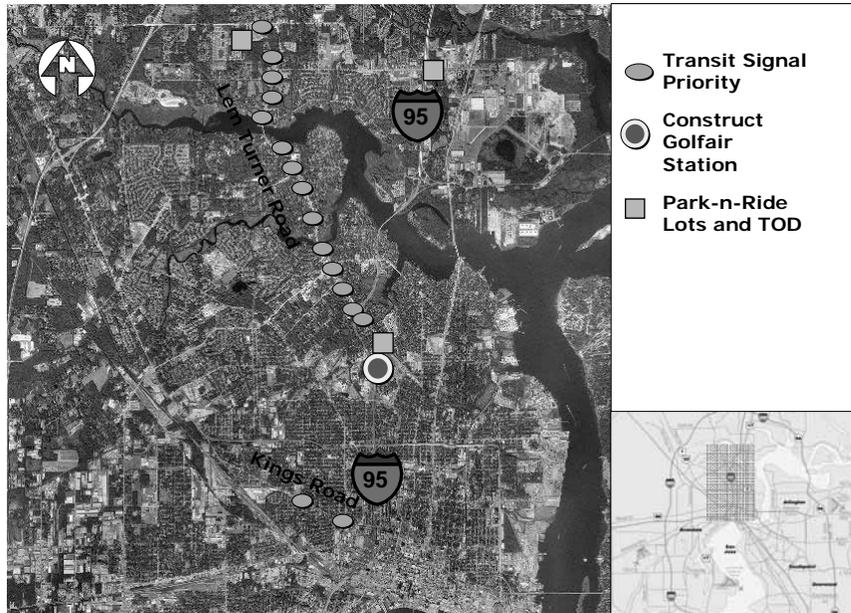
Phasing Plan: What Will Be Completed By 2010

- Route Re-Design (Completed by 2007)
- Corridor Preliminary Engineering (4)
- Purchase Right-of-Way (\$100 Million)
- Construct RTS Stations & Stops
- Traffic Signal Improvements
- Construct Queue Jumpers
- Construct Bus Lanes
 - Downtown
 - Southwest Corridor
- Purchase Rapid Transit Vehicles
- Construct TOD's



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North Corridor



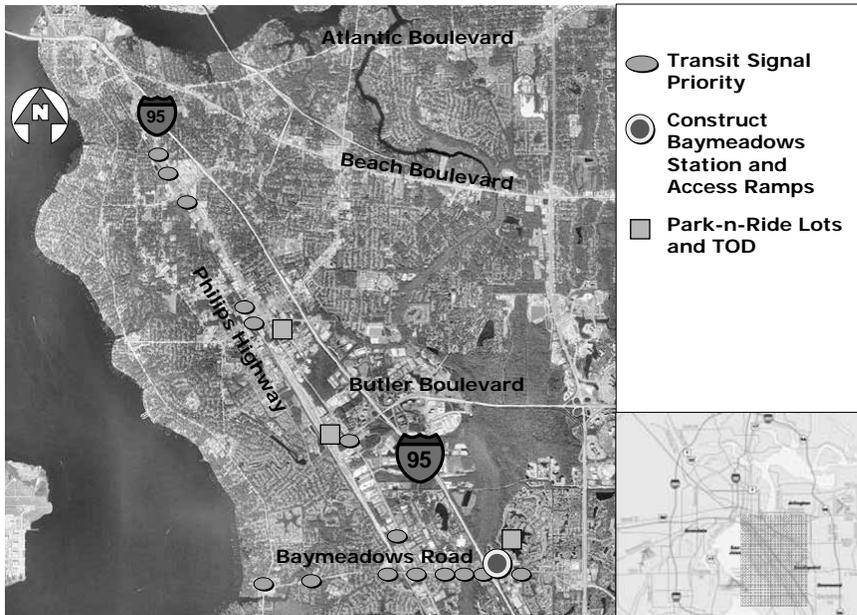
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East Corridor



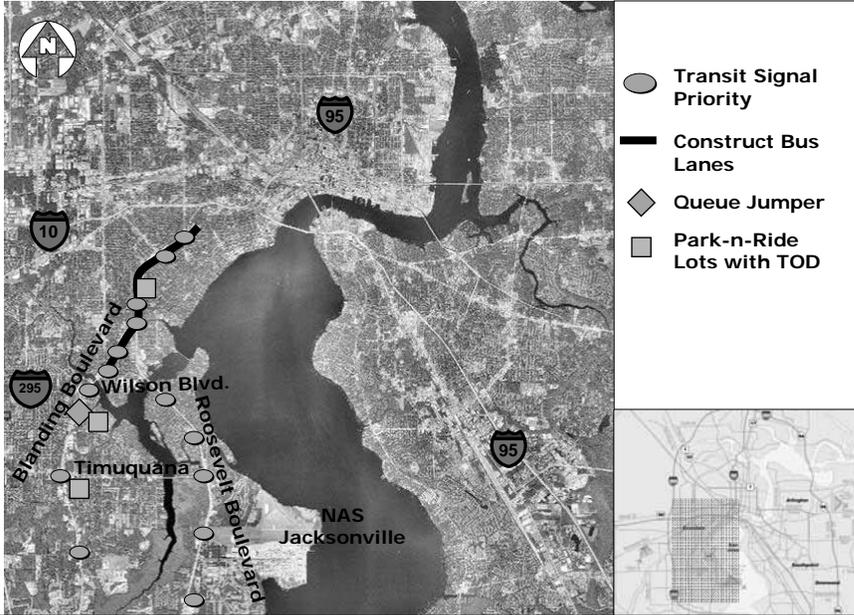
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Southeast Corridor



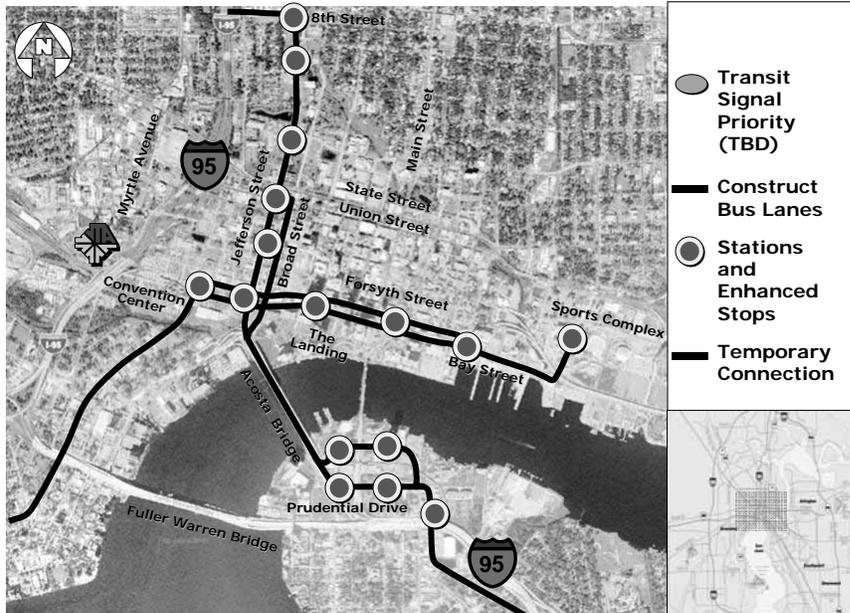
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Southwest Corridor



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Phase 1 – Downtown



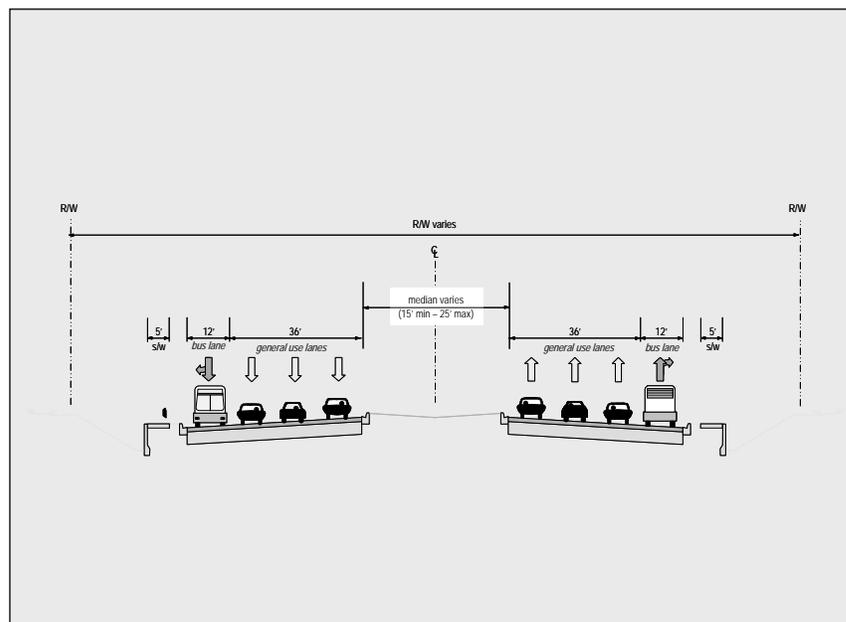
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Workshop Recap

- Why Rapid Transit?
 - Congestion
 - Existing System Not Sustainable
 - Increased System Efficiency
- How Is RTS Different?
 - RTS Components
 - RTS Service Plan
 - Travel Time Savings
- Phasing Plan
- Transitway Typical Sections

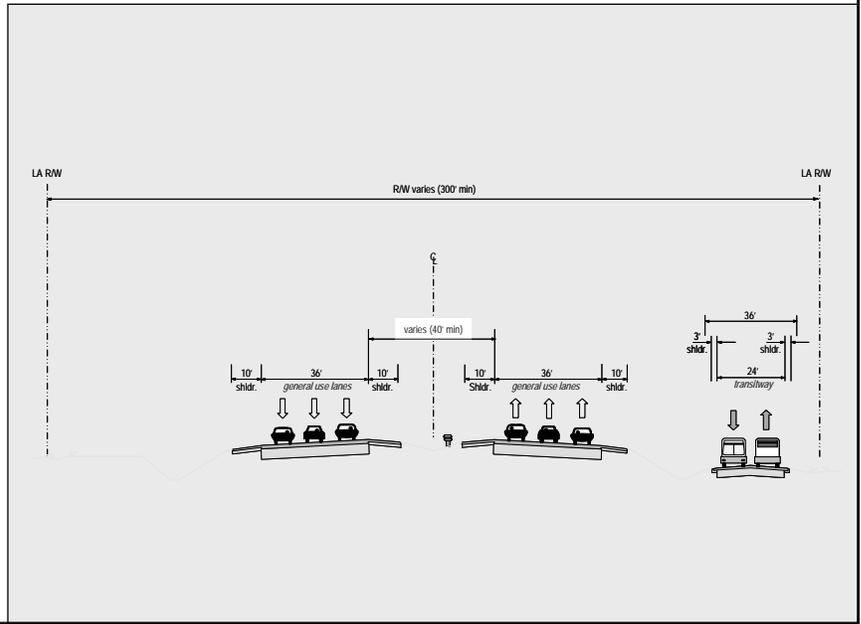
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Arterial Street with Bus Lanes



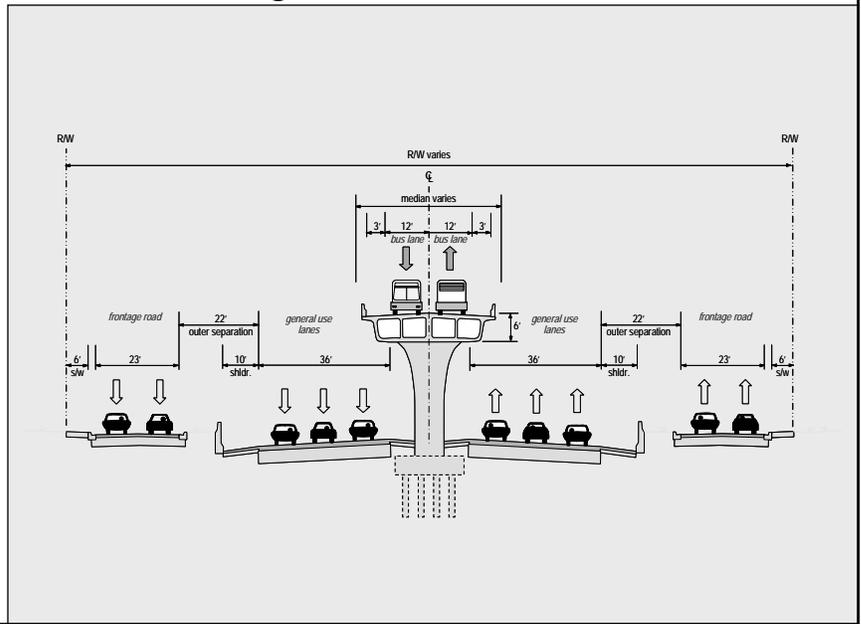
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Transitway Adjacent to Interstate



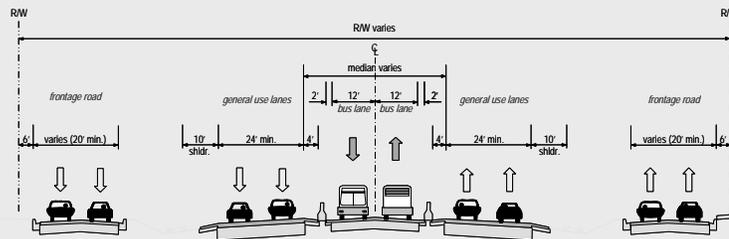
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Transitway Raised in Median



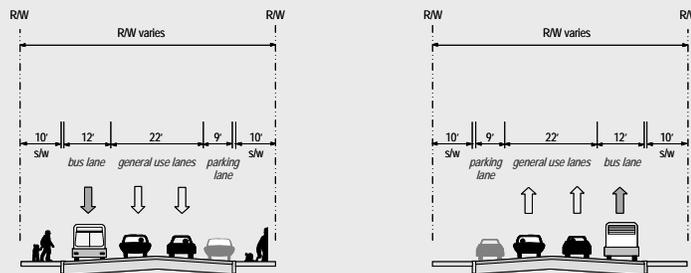
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Transitway at Grade in Median



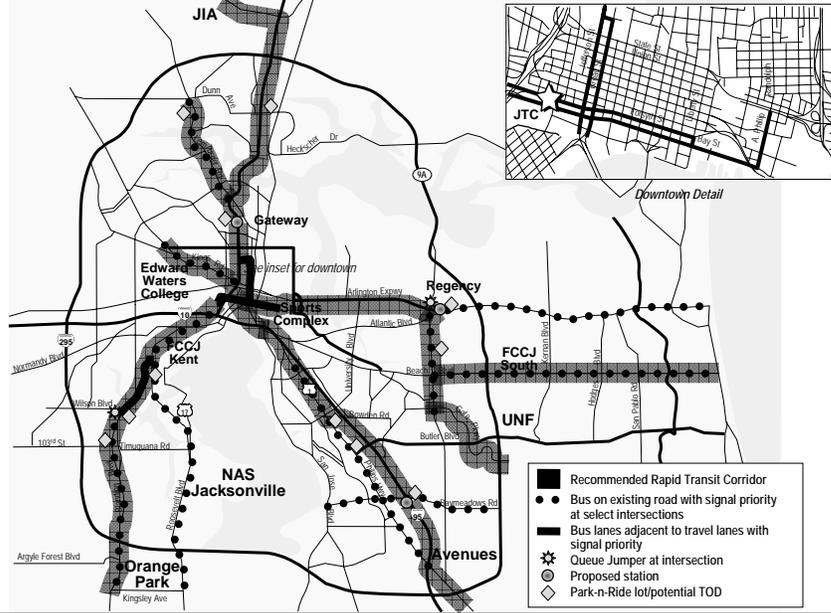
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Bus Lanes on One-way Streets



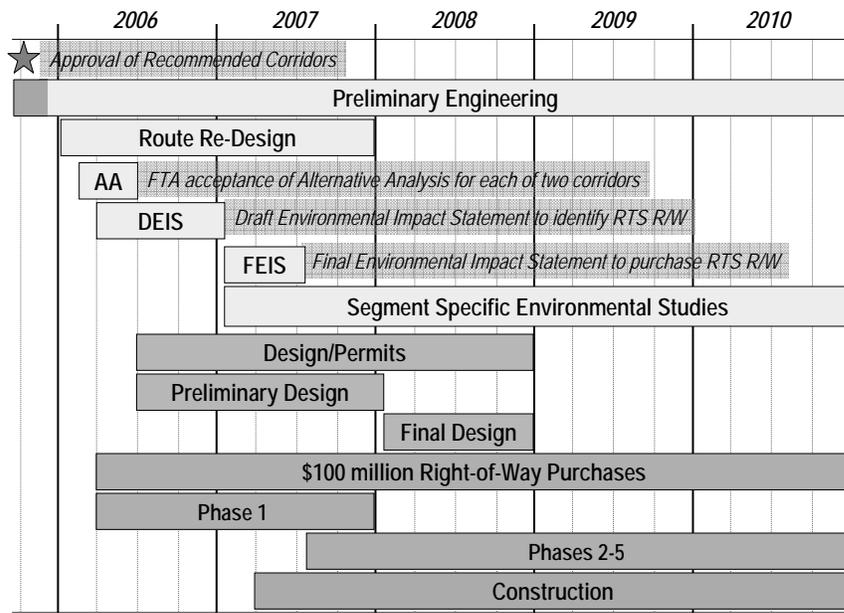
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Proposed Rapid Transit System Phase 1 Projects (By Year 2010)



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Rapid Transit Schedule Phase 1: 2006 to 2010



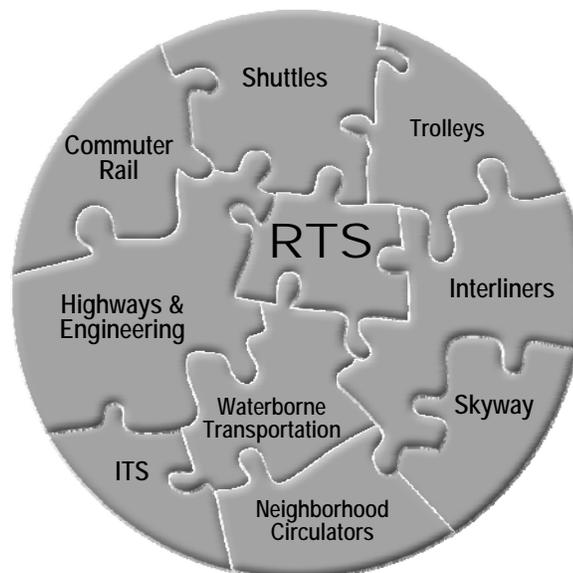
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Jacksonville Rapid Transit Design Needs Upcoming

- RTS Phase 1 Downtown Project
 - Final Design – Summer 2007
 - Construction – Winter 2008
- Segment 1
 - Environmental Impact Statement and Conceptual Design – Summer 2007
 - Final Design - Spring 2009

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JTA's "One System"



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JTA's "One System"



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