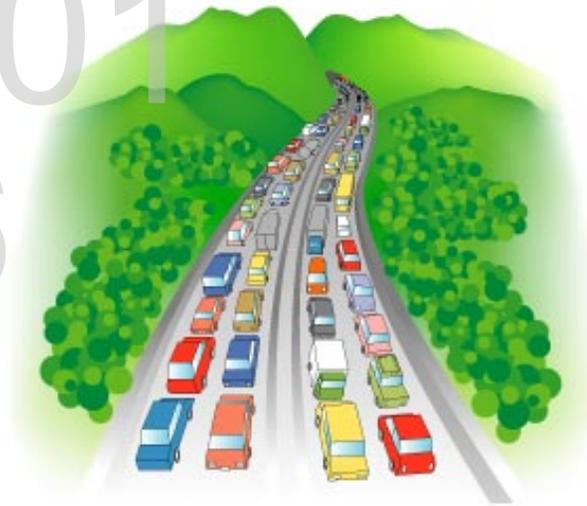




The North Carolina Turnpike Authority's Approach to the Project Delivery Process

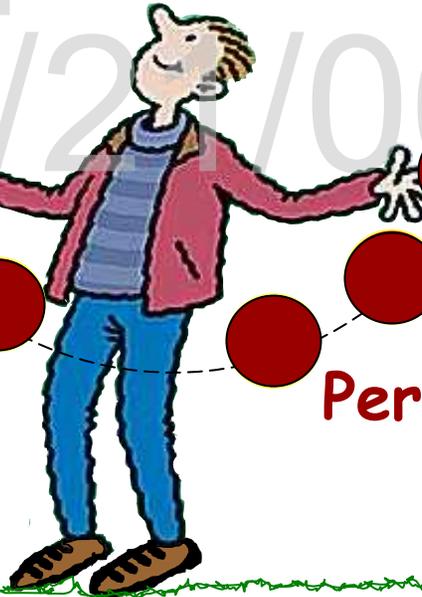
Steven D. DeWitt, PE
Chief Engineer

Partnership



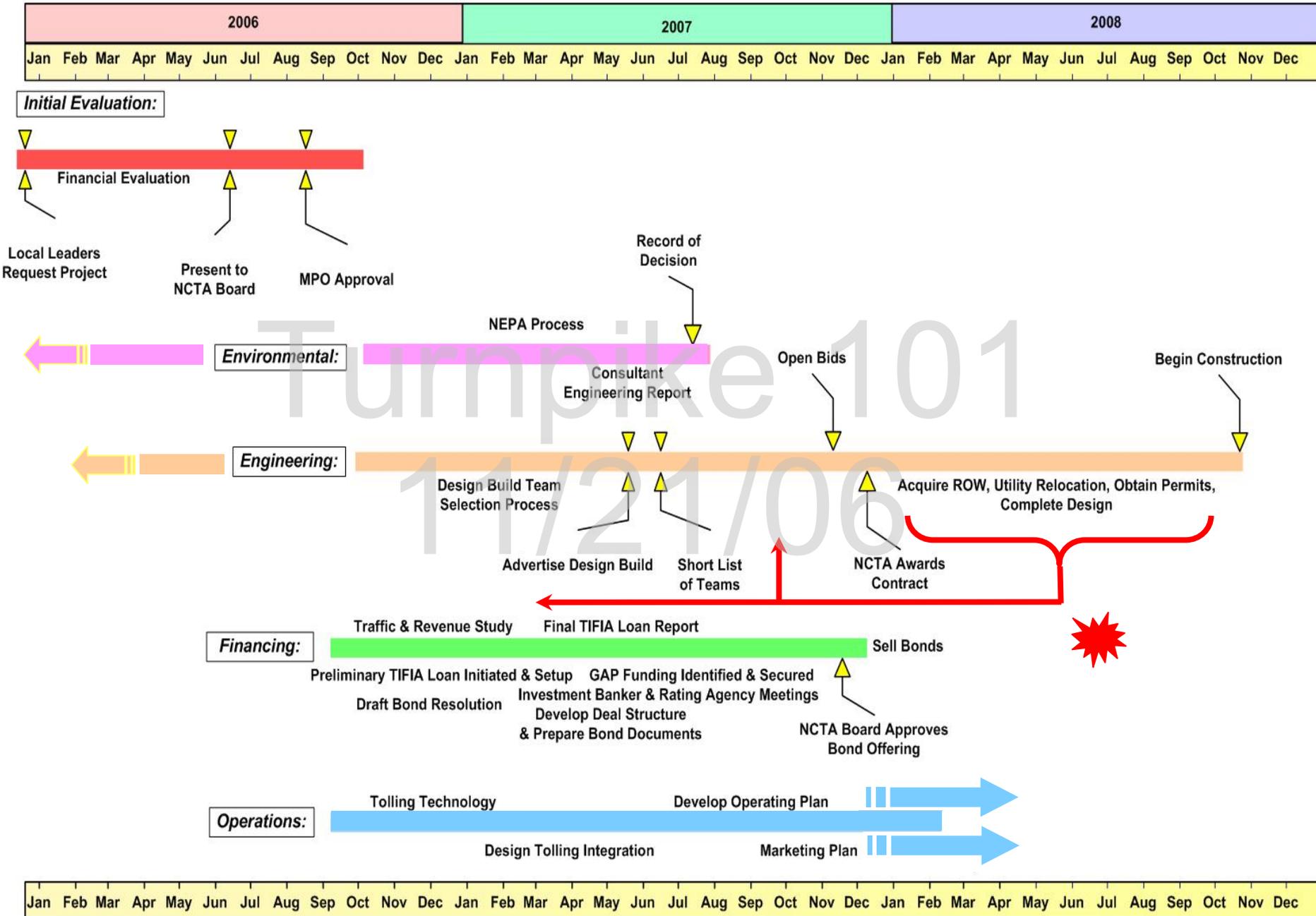
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Toll Road Development



Typical Toll Project Timeline

10/24/06
NCTA



The Environmental Process

- NEPA Document
 - Permits
- Bonding Requirement
Contract Procurement Requirement

Goals

- Certainty of Schedule
- Accelerated Process From Beginning to End
- Quick Resolution of Issues

The Permitting Process

Project Dependent

- Design-Bid-Build
- Design-Build *
 - Strategy Dependent on Project
 - Stage of Design
 - Tie to Other Projects
 - Project Delivery Opportunities



Contract Procurement

Design-Build

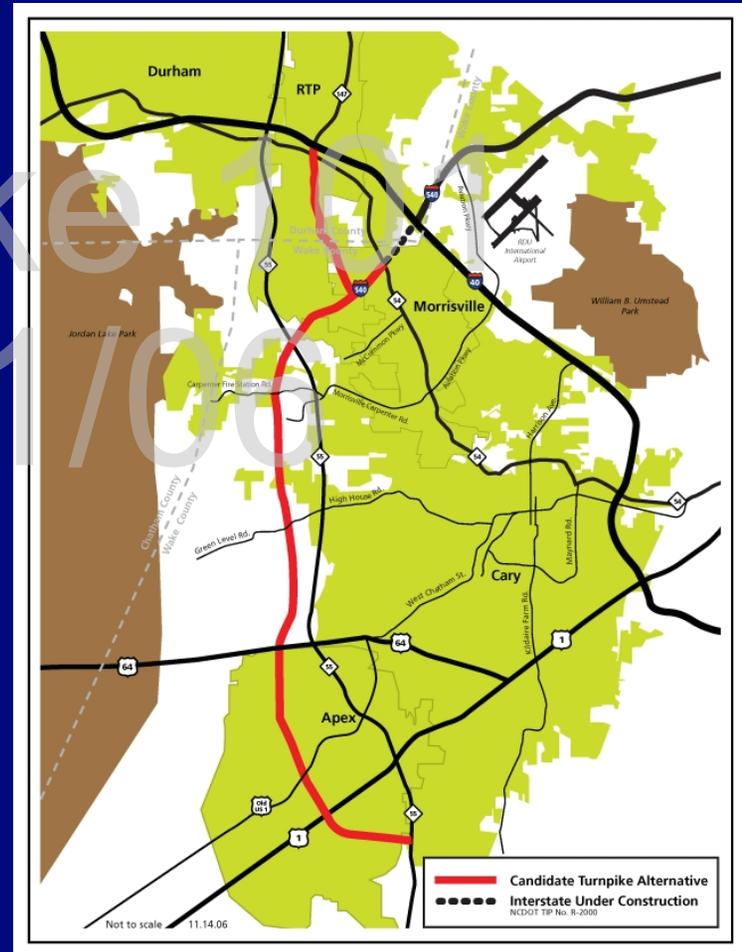
- Predominate Contracting Method
- Design & Construction
- DB Team Responsibilities
 - Right-of-Way Procurement
 - Utility Movement
 - Environmental Permits
 - Initial Permit
 - Permit Modifications
 - Quality Control Responsibilities



Western Wake/Triangle Parkway

Strategy

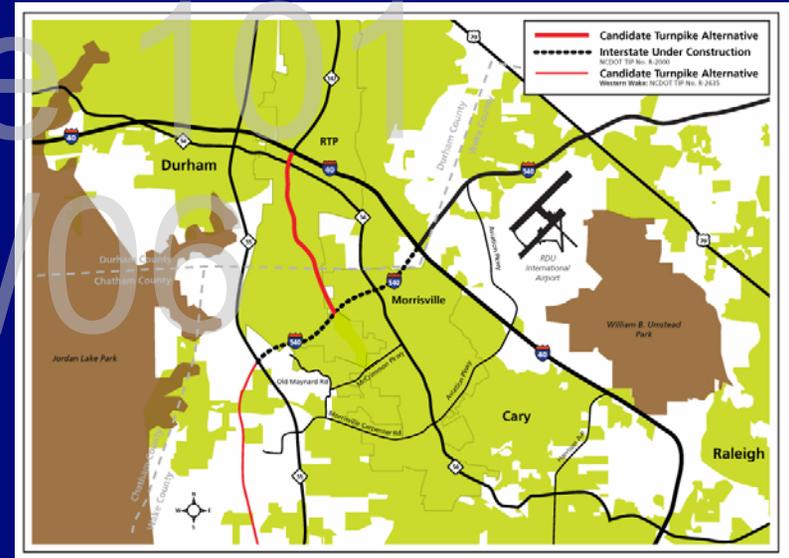
- 4 Projects
 - Triangle Parkway
 - Western Wake
 - A
 - B
 - C



Triangle Parkway

Permitting Strategy

- Early R/W Acquisition
 - NCTA Design
 - NCTA Obtain Permits
- No Early R/W Acquisition
 - NCTA Bring to "4A"
 - DB Team Obtains Permits



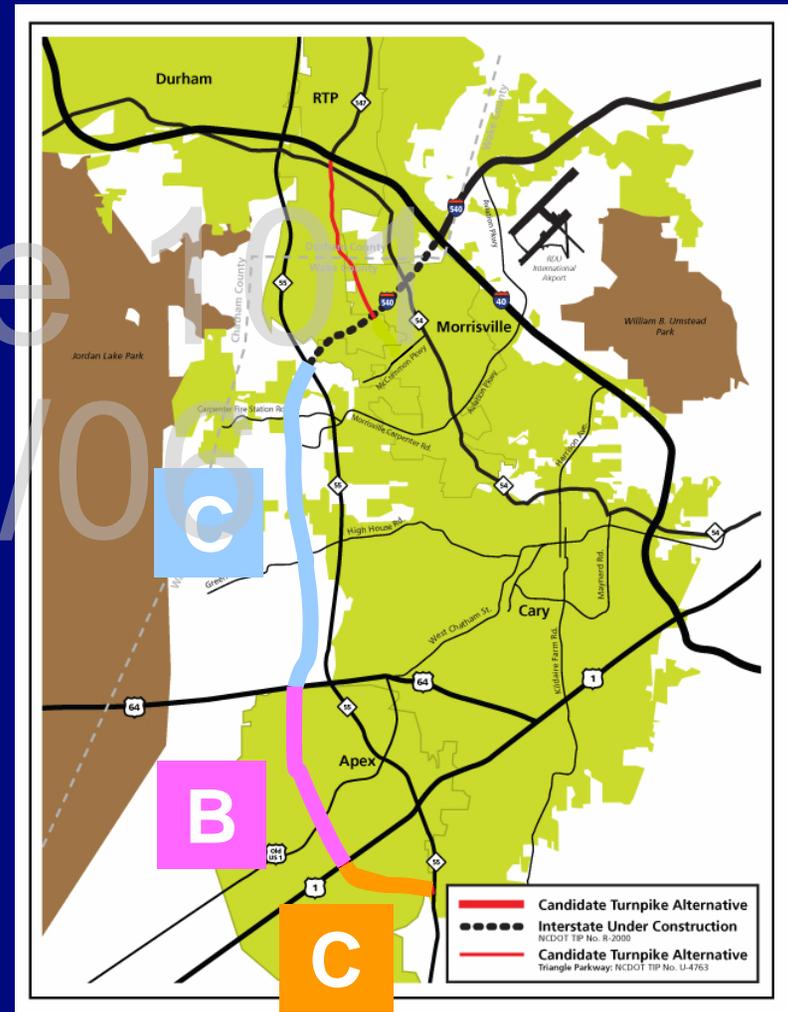
Western Wake

Permitting Strategy

- Permit - "C"
 - "Corridor" Permit
 - NCTA Obtain Permits
- Sections "B" & "A"
 - Modification by DB Teams

"B" 

"C" 





NORTH CAROLINA

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Questions?

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