



Welcome to the Open House for NCDOT's Bridge Replacement Projects

Capital Blvd/Peace St Bridge Replacement
(Project B-5121)

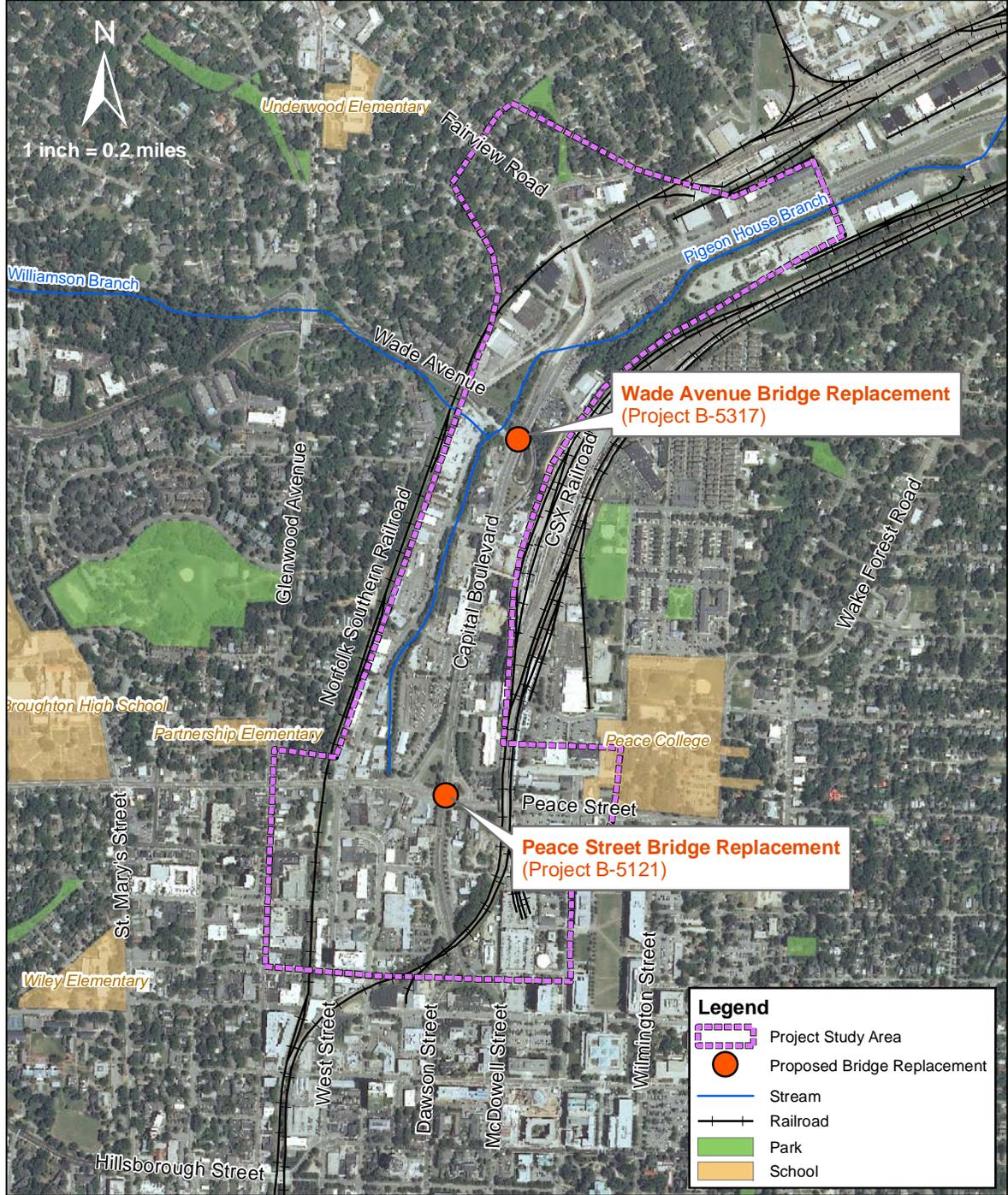
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Capital Blvd/Wade Ave Bridge Replacement
(Project B-5317)



Capital Boulevard Bridge Replacement Projects

Raleigh, Wake County - Project B-5121 / B-5317



Legend

- Project Study Area
- Proposed Bridge Replacement
- Stream
- Railroad
- Park
- School



Why Are We Replacing the Bridges?

- Capital Boulevard is an important connection between west/north Raleigh and downtown
- The Peace Street bridge was built in 1948
- The Wade Avenue bridge was built in 1954
- Replacing the bridges will maintain a reliable, direction connection



Peace Street Interchange

- Existing interchange is a half-cloverleaf design
- Constraints:
 - CSX turntable in northeast corner
 - Historic properties on east side
 - Floodway/floodplain on west side
 - Businesses and driveways



Peace Street Interchange

Proposed designs on the large maps here tonight:

Alternative 1 – Diamond



Alternative 3 – Bowtie



Alternative 2 – Square Loops





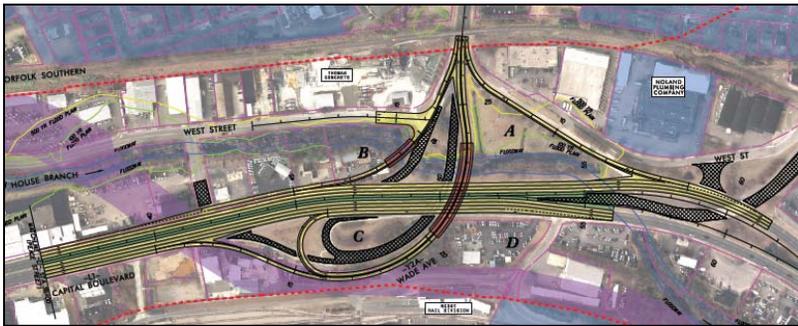
Wade Avenue Interchange

- Existing interchange is a trumpet design
- Constraints:
 - Southeast High Speed Rail alignment across Capital Blvd
 - Pigeon House Branch, floodway/floodplain on west side
 - Businesses and driveways



Wade Avenue Interchange

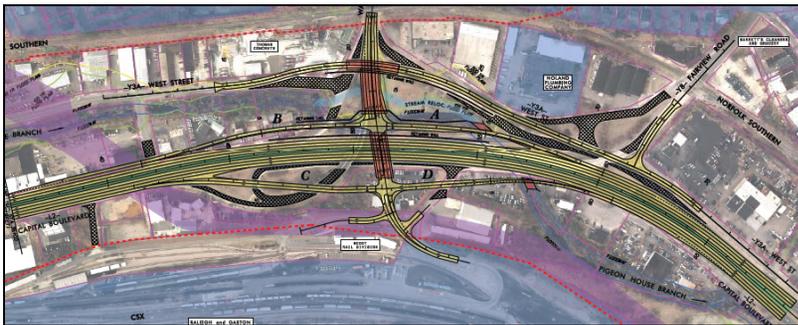
Alternative 1 – Trumpet



Alternative 2 – Diamond



Alternative 3 – Compressed Diamond, West Street – Grade Separation

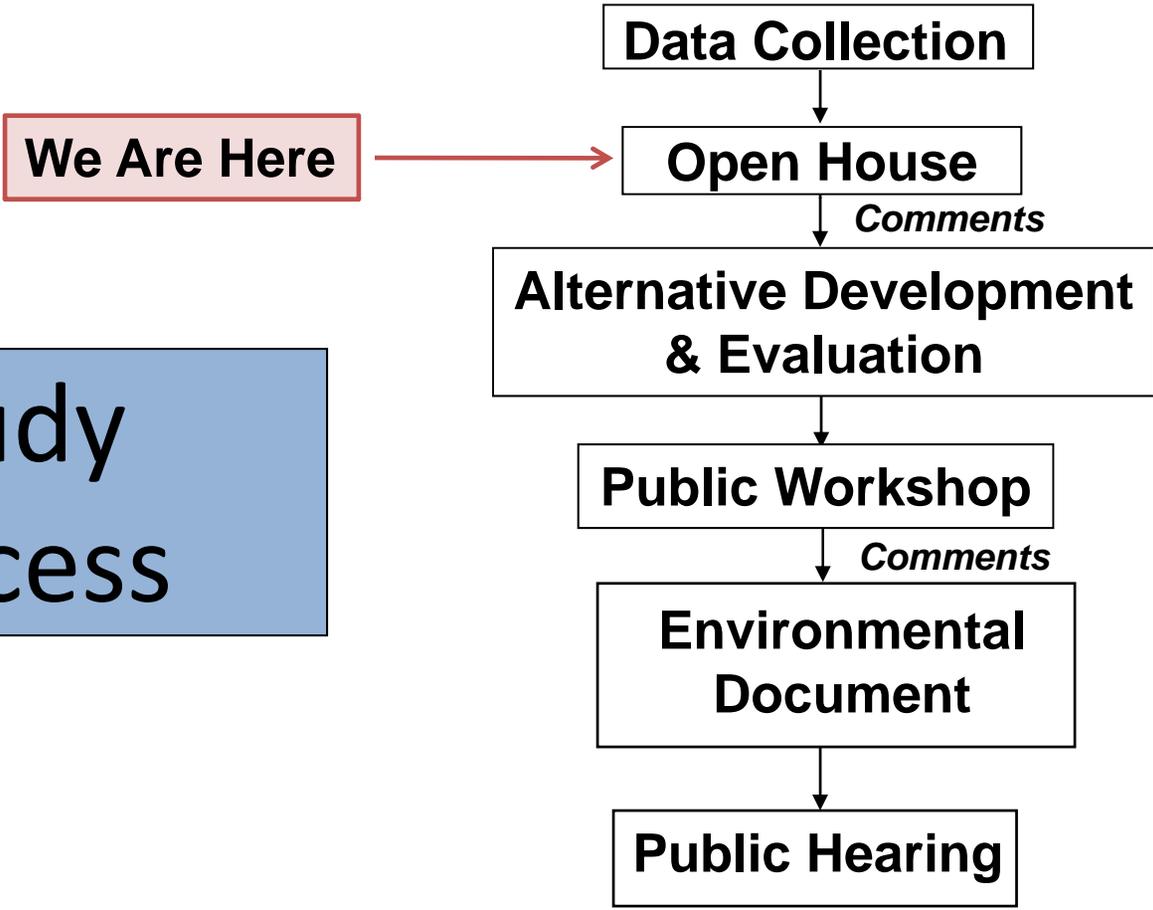


Alternative 4 – Compressed Diamond, West Street – Right-in, Right-out





Study
Process





Schedule

- **October 31, 2011 – Submit comments**
- Late winter 2011-2012 – Public Workshop to present refined designs of selected alternatives
- Fall 2012 – Public Hearing
- 2015 – Purchase of right of way begins
- 2016 – Construction begins



Contact Us

- Contact information is on the handout and comment sheet
- Fill out the comment sheet and place it in the box or return via mail by October 31
- Our project website is:
www.ncdot.gov/projects/CapitalBlvdBridges



Public involvement is an important part of the planning process.
NCDOT values your input.

Thank you for participating!