

Conceptual Designs

Peace Street

Alternative P1—Diamond Interchange



Alternative P2—Square Loop Interchange



Alternative P3—Bowtie Interchange



Wade Avenue

Alternative W1—Trumpet Interchange



Alternative W2—Diamond Interchange



Alternative W3—Compressed Diamond, West Street—Grade Separation



Alternative W4—Compressed Diamond West Street—Right-in, Right-out



Peace Street Bridge and Wade Avenue Bridge Replacement Projects

Citizens' Informational Workshop Handout

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

Bridge Replacement Projects Are Underway

The N.C. Department of Transportation is publishing this handout to keep citizens and other interested parties informed about the status of the Peace Street Bridge and Wade Avenue Bridge Replacement Projects in Raleigh. Citizens are encouraged to review the information and figures presented here.

Project Description

NCDOT proposes to replace two bridges on Capital Boulevard, at Peace Street and at Wade Avenue. The bridge over Peace Street was built in 1948, and the bridge at Wade Avenue was built in 1954. The purpose of replacing the bridges is to maintain safe, reliable structures for long term use. While the existing bridges are still adequate and safe for traffic, they are nearing the end of their design lives and need to be replaced in a timely manner.



Wade Avenue Bridge

The planning phase of this project has just begun. The purpose of this handout is to introduce you to the project and to provide contact information if you have questions.

For more information, contact:

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Project website:
www.ncdot.gov/projects/CapitalBlvdBridges



Peace Street Bridge

Project Process

NCDOT is initiating environmental, planning and design studies for the proposed projects. This process includes collecting information on existing environmental and community resources, investigating a variety of alternatives and meeting with the public. The bridges may be replaced with similar types of interchanges or they may be replaced with different types of interchanges. The public will have opportunities to be involved and provide comments through workshops, the project website, or by contacting the project team at any point during the planning process.

Design Considerations

There are several issues NCDOT will consider during the preliminary alternatives analysis, including:

Impact to businesses and residences. New interchange designs may affect access and directly impact some properties.

Impact to the natural environment. Pigeon House Branch is an important but poor quality stream parallel to Capital Boulevard. Alternatives will minimize impacts and opportunities may be available to improve the stream quality.

Maintenance of traffic during construction. Capital Boulevard, Wade Avenue, and Peace Street all have high volumes. Traffic will remain open at all times, although some ramp movements may be closed temporarily during construction.

Impact to historic resources. Several historic resources and neighborhoods are located along the project corridor. Impacts will be avoided or minimized.

Coordination with Other Projects

Several other projects are under way in this area. You may have seen them advertised or attended recent meetings. Two of these other projects are still in the planning phase and are likely to affect the same section of Capital Boulevard as the bridge replacement projects. These are the City of Raleigh's Capital Boulevard Corridor Study and NCDOT's Southeast High Speed Rail Project. Since all three projects are likely to affect the same area, NCDOT and the City are coordinating closely to ensure that the projects are consistent with each other, and to reduce the length and number of times the roadways need to be under construction.



Wade Avenue Bridge

Peace Street Bridge

Project Schedule

Spring – Summer 2011

Definition of the study area
Data collection
Development of conceptual alternatives

Fall 2011

First citizens' informational workshop
Selection of alternatives for further study

Winter 2011-2012

Detailed design of alternatives
Second citizens' informational workshop

Winter – Spring 2012

Selection of preferred alternative
Detailed design of preferred alternative

Spring 2012

Preparation of the environmental document

Fall 2012

Public hearing

2015 Purchase of right of way begins

2016 Construction begins

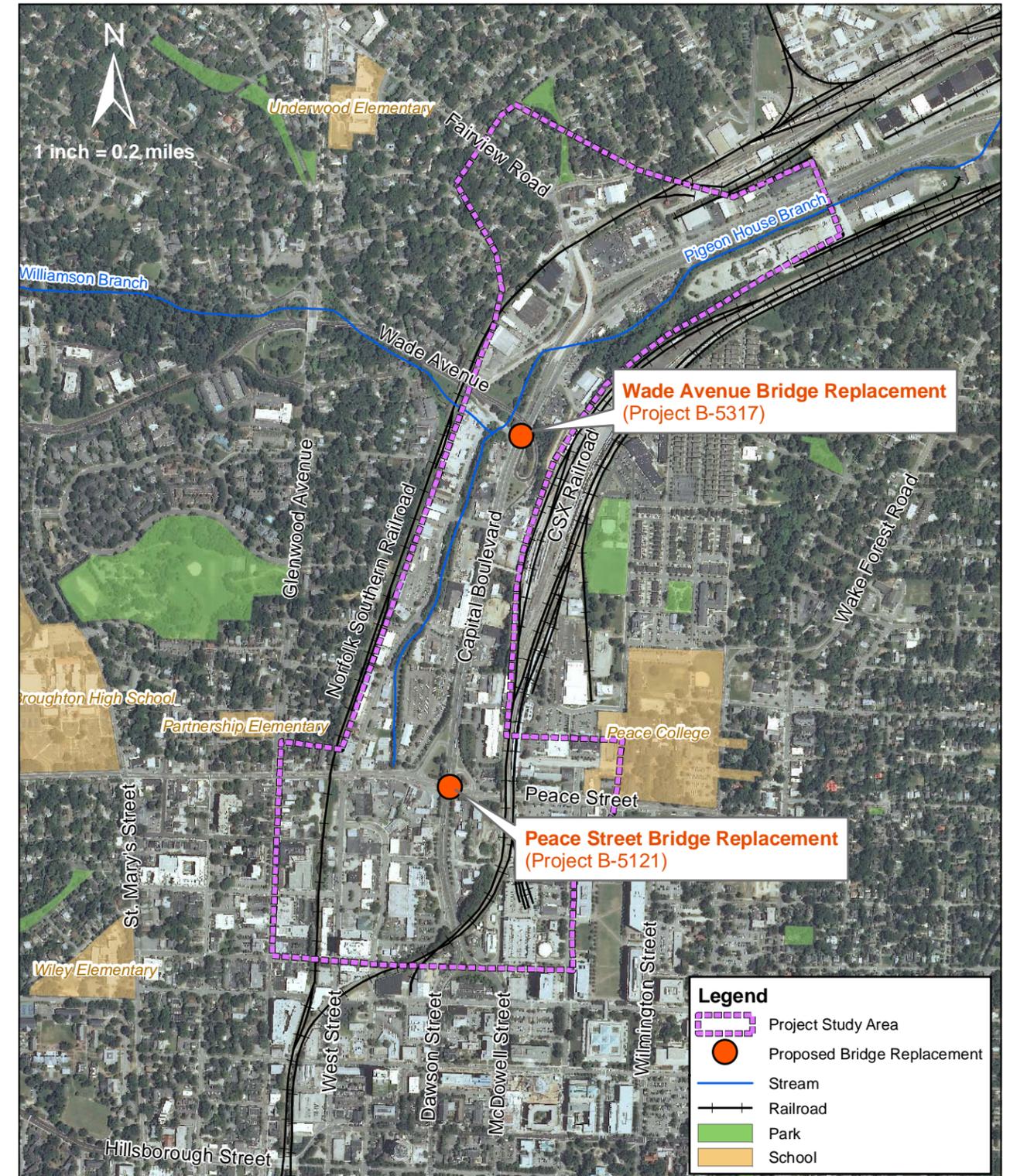
Based on 2011-2020 NCDOT Transportation Improvement Program

Project Website

www.ncdot.gov/projects/CapitalBlvdBridges

If you have transportation questions about other projects, call the NCDOT customer service office at 1-877-DOT-4YOU, or visit the NCDOT Web site at www.ncdot.gov.

Project Location



Connecting people and places in North Carolina – safely and efficiently, with accountability and environmental sensitivity.