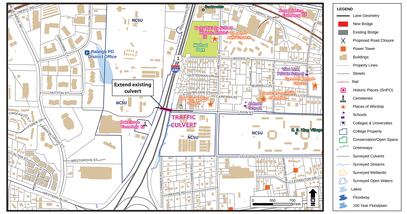
I-440 IMPROVEMENTS
Walnut to Wade
STIP #U-2719 Wake County

Ligon Street Crossing of I-440

STEP 1 - Initial Sketches

ONE-LANE TRAFFIC CULVERT



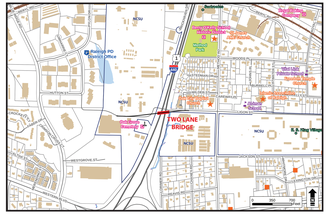
TEMPORARY DETOUR ROUTE FOR BOTH OPTIONS DURING CONSTRUCTION

Detour Length: approximately 1.6 miles

Screening Results

- Requires a temporary detour during construction - approximately 1 year duration, 1.6 miles long. (See detour map on right.)
- Least potential to impact surrounding properties.
- Would fulfill the original function of the crossing when it was installed with original roadway (provide access from Method Road community to Oak Grove Cemetery).
- Would not fulfill local plans. City of Raleigh and NC State University plans include improved connectivity (car, bus, pedestrian, and bicycle) along Ligon Street.

TWO-LANE BRIDGE OVER I-440

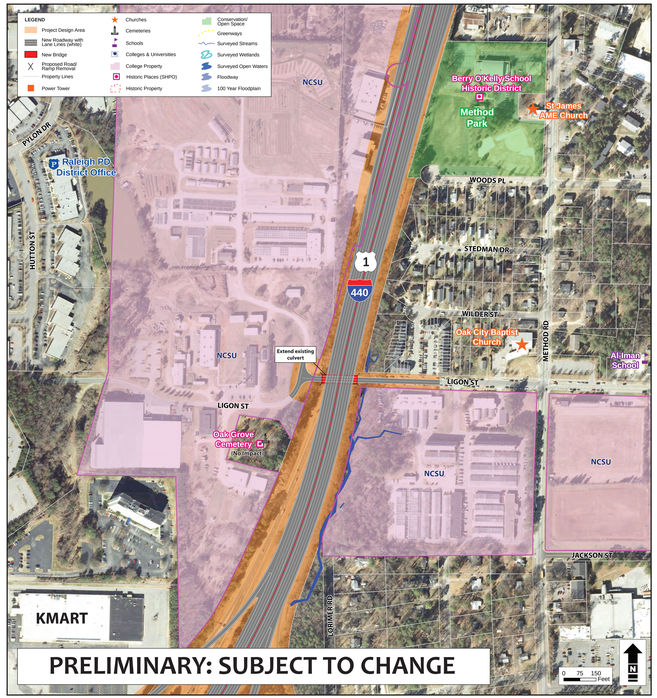
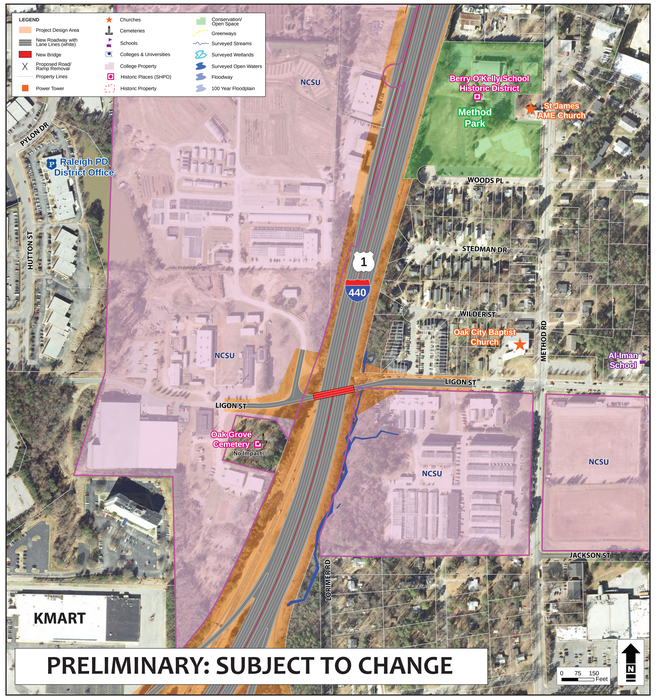


Screening Results

- Requires a temporary detour during construction - approximately 1 year duration, 1.6 miles long. (See detour map above.)
- Potential impacts to NC State University research buildings and homes east of I-440.
- Substantialy higher costs than the One-Lane Traffic Culvert alternative. Would require cost-sharing with City of Raleigh and/or NC State University.
- Would fulfill the original function of the crossing when it was installed with original roadway (provide access from Method Road community to Oak Grove Cemetery).
- Would fulfill local plans. City of Raleigh and NC State University plans include improved connectivity (car, bus, pedestrian, and bicycle) along Ligon Street.

STEP 2 - Conceptual Designs Recommended for Detailed Study

ONE-LANE TRAFFIC CULVERT



TWO-LANE BRIDGE OVER I-440