CAPITAL BOULEVARD

CORRIDOR STUDY

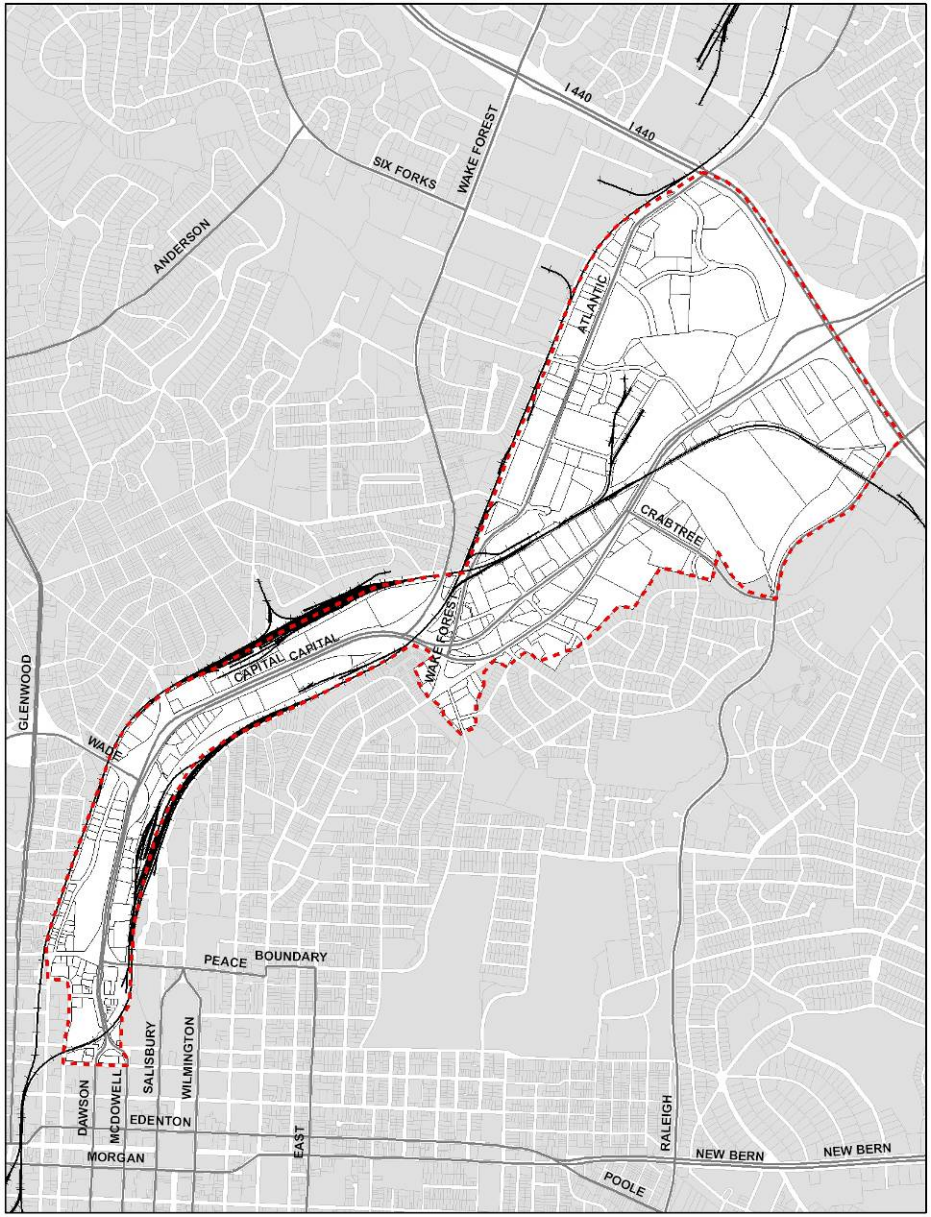
First Public Workshop

June 24th, 2010

AGENDA

- Welcome
- Project Study Area and Scope of Work
- Historic Overview
- Issues
- Small Group Discussions
- Report Back
- Next Steps & Close

STUDY AREA


I 440
I 440
SIX FORKS
WAKE FOREST
ANDERSON
ATLANTIC
CRABTREE
WAKE FOREST
CAPITAL CAPITAL
GLENWOOD
WADE
PEACE
BOUNDARY
DAWSON
McDOWELL
SALISBURY
WILMINGTON
EDENTON
MORGAN
EAST
RALEIGH
NEW BERN
NEW BERN
POOLE

PHASE 1: SCOPING

- ✓ Internal Working Group Brainstorming
- ✓ Government Stakeholder Roundtable
- ✓ Briefing Book
- **First Public Workshop**

Meetings: 1 staff, 1 governmental, 1 public

Deliverables: Final scope and study area, briefing book

PHASE 2: INVENTORY & ANALYSIS

Inventory

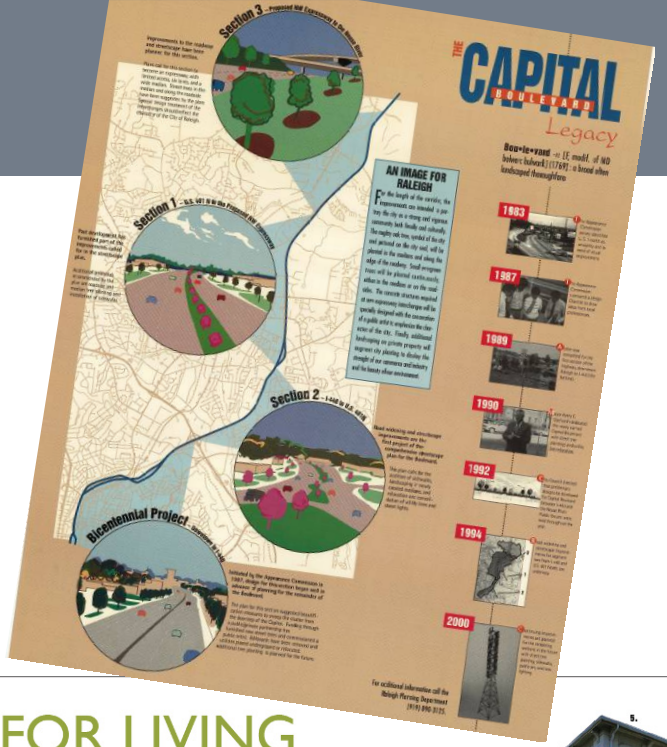
- Transportation
- Environmental
- Infrastructure
- Economic and market
- Soft sites
- Urban Design

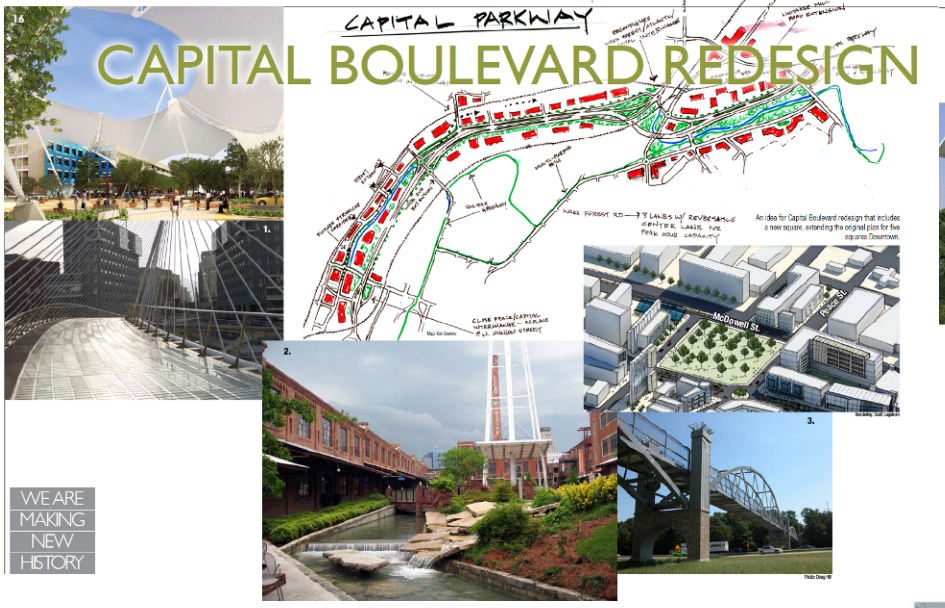
Analysis

- Issues & Opportunities report
- Public Design Workshop

Meetings: 2 staff, 1 public design workshop
Deliverables: Issues & Opportunities report

PAST PLANS


THE CAPITAL BOULEVARD
Legacy
AN IMAGE FOR RALEIGH
Section 1
Section 2
Section 3
Bicentennial Project
1893
1987
1989
1990
1992
1994
2000


CAPITAL BOULEVARD REDESIGN
CAPITAL PARKWAY
An idea for Capital Boulevard redesign that includes a new square, extending the original plan for five squares Downtown.
McDowell St.
Person St.
WE ARE MAKING NEW HISTORY

ED FOR LIVING
BIG ideas
A Model for New Development Patterns
Just imagine transforming a linear swath of underperforming real estate straddling a bruitish traffic corridor, to a green parkway embraced by new urban-scale development and open space. Read on for new ways to experience traveling downtown along Pigeon Creek:
• Redevelop the corridor for high-intensity mixed uses and parks.
• Redevelop Capital Boulevard and Pigeon House Creek as a boulevard with a river walk.
• Incorporate public art, including an "art wall" and numerous east-west vehicular and pedestrian railroad overpasses into a Capital Boulevard redevelopment plan.
• Use a full-boulevard treatment between Fairview and Brookside Streets.
1. Swansea Sail Bridge, U.K.
2. American Tobacco Campus, Durham
3. Greenway overpass, west Raleigh
4. Avenue des Champs d'Elysees, Paris
5-8. Renovated industrial buildings on Capital Boulevard include the Cotton Mill (5) and Urban Ministries of Wake County (6).
17

PHASE 3: OPTIONS

- Option Development
  - Land Use Scenarios
  - Transportation Improvements
  - Open Space & Public Realm
  - Green & Grey Infrastructure
  - Implementation
- Presentation to Government Stakeholders
- Public Meeting & Input

Meetings: 2 staff, 1 government, 1 public

Deliverables: Maps, illustration, PowerPoint

PHASE 4: REPORT

- Future transportation studies & projects
- Open space plan
- Capital projects
- Zoning recommendations
- Renderings and sketches
- State-level regulatory or policy needs
- Proposed Comprehensive Plan amendments

OUTREACH & INREACH STRATEGY

- Internal working group of staff from Public Works, P&R, CORPUD, etc. to meet regularly
- Government Stakeholders Group from State (DOT, DENR, Administration, Corrections), County, Triangle Transit and CAMPO
- Public Workshops
  - Scoping
  - Design Charrette
  - Draft options

PRO BONO CONSULTANT SERVICES

- Kimley Horn: Transportation, site & civil
- Camp Dresser McKee (CDM): Utilities, water quality, stormwater
- DHM Design: Parks and greenways, landscape architecture, water quality

Kimley-Horn and Associates, Inc.

CDM

DHM DESIGN

PROJECT TIMELINE

Project Phase	MONTH											
	M	J	J	A	S	O	N	D	J	F	M	A
1. Project Scoping	◆											
2. Inventory and Analysis			◆									
3. Options							◆					
4. Final Report											◆	■

◆ Denotes external meeting
❖ Denotes internal meeting
■ Denotes deliverable

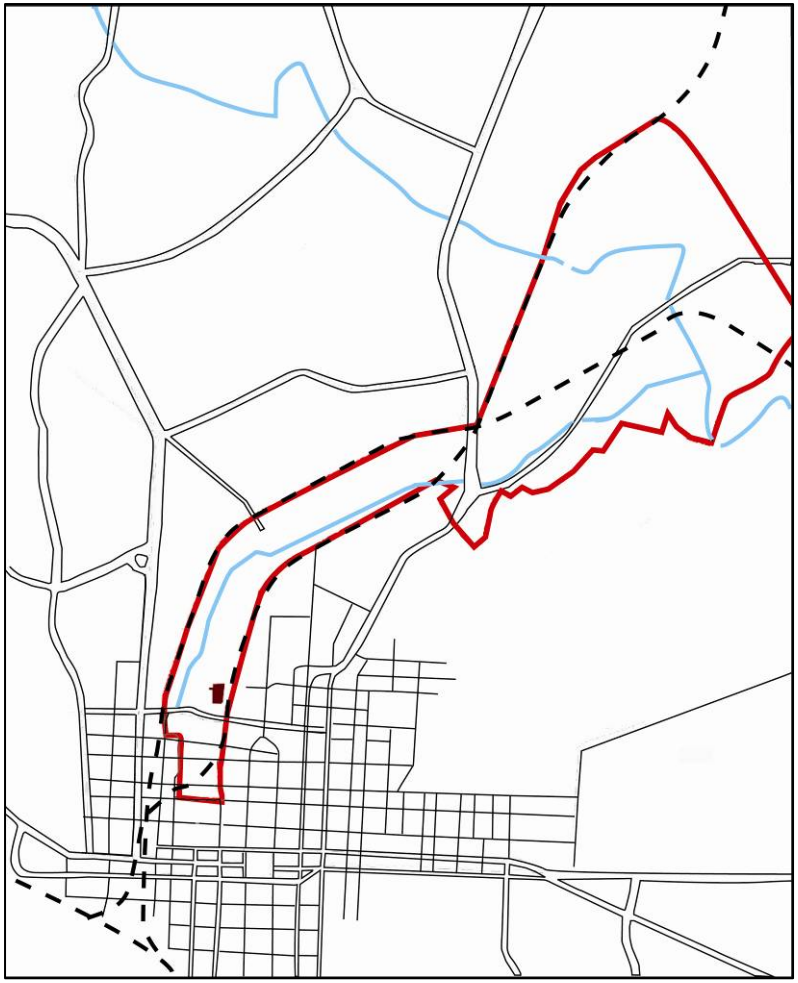
CAPITAL BOULEVARD

CORRIDOR STUDY

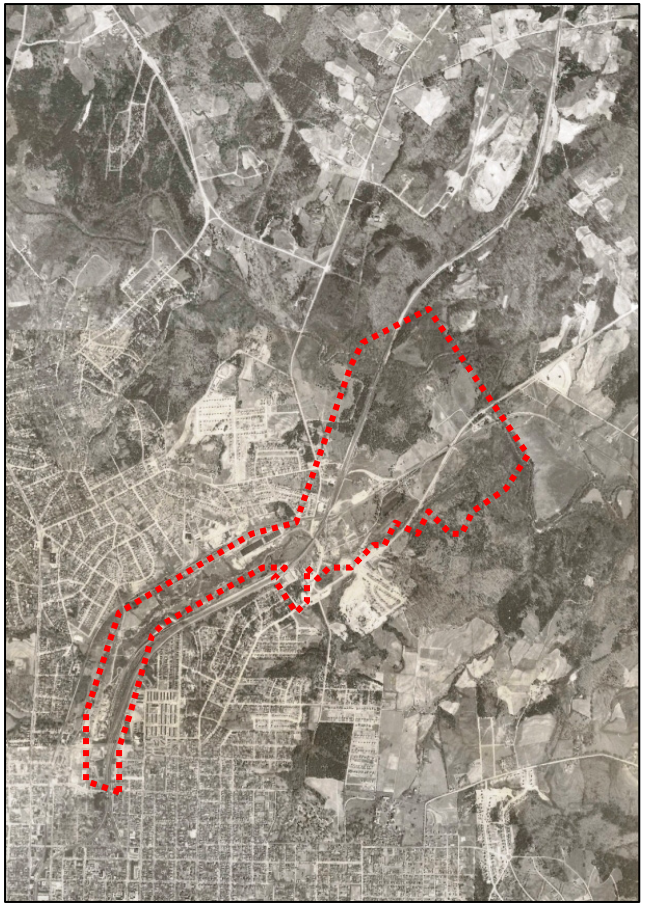
Historic Overview

1945: MEADOWLANDS

Prior to construction:
A woodlands and wetlands along the Pigeon House Branch

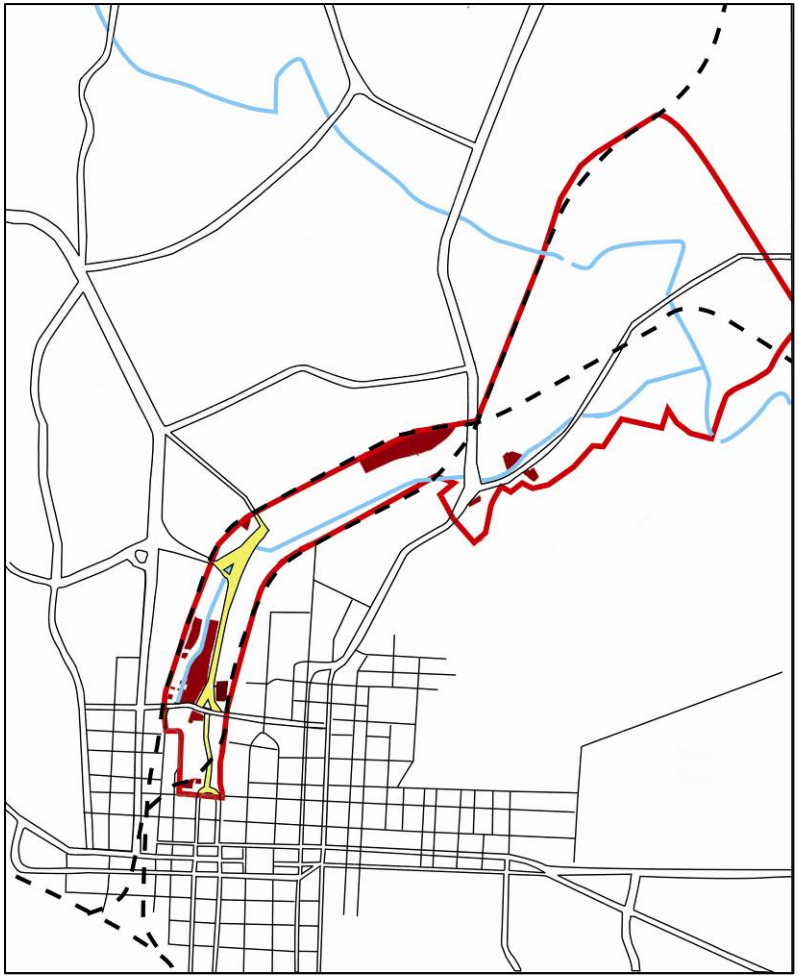


1906



Aerial view 1945

1955: CAPITAL BOULEVARD OPENS

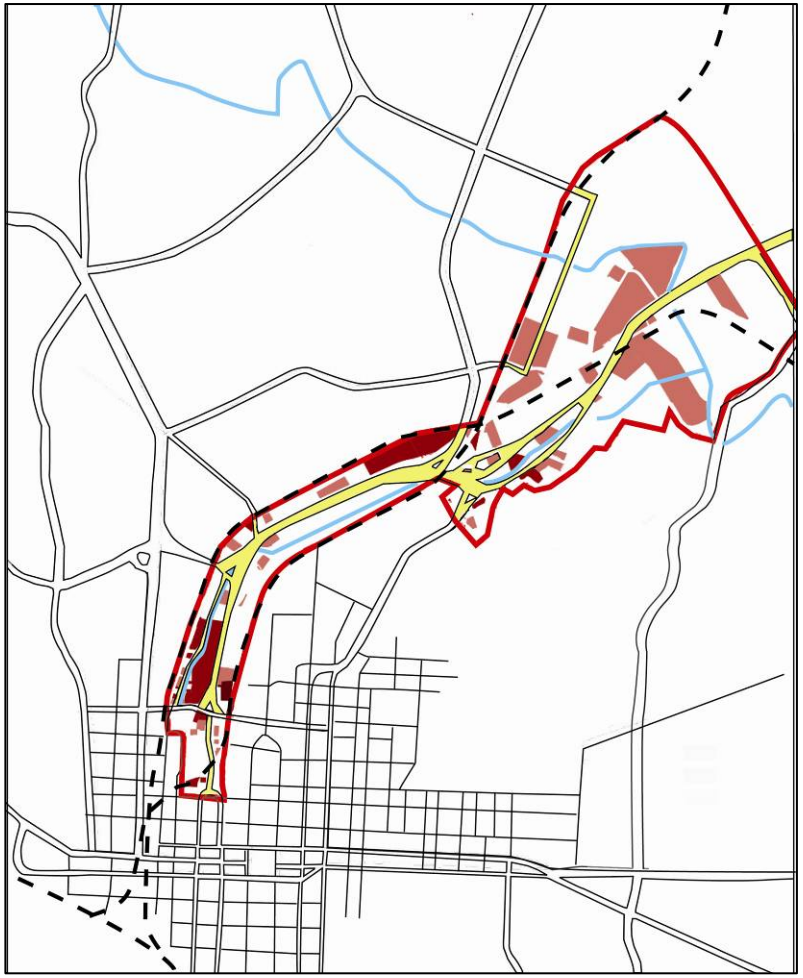


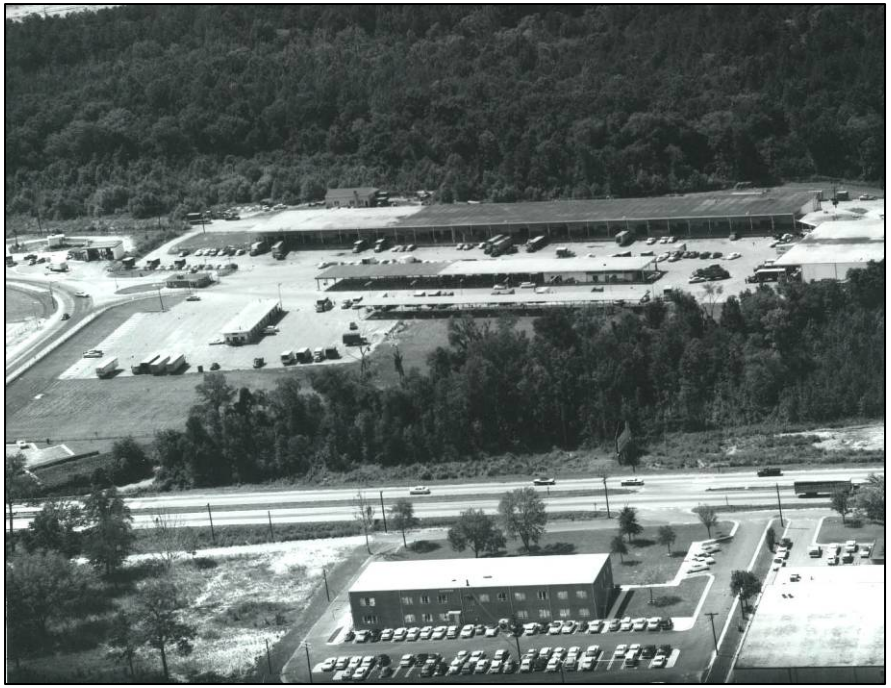
1955

Aerial view of Downtown Boulevard looking north

1958: INDUSTRIAL EXPANSION

Inauguration of North Boulevard :
Rapid urbanization to the North



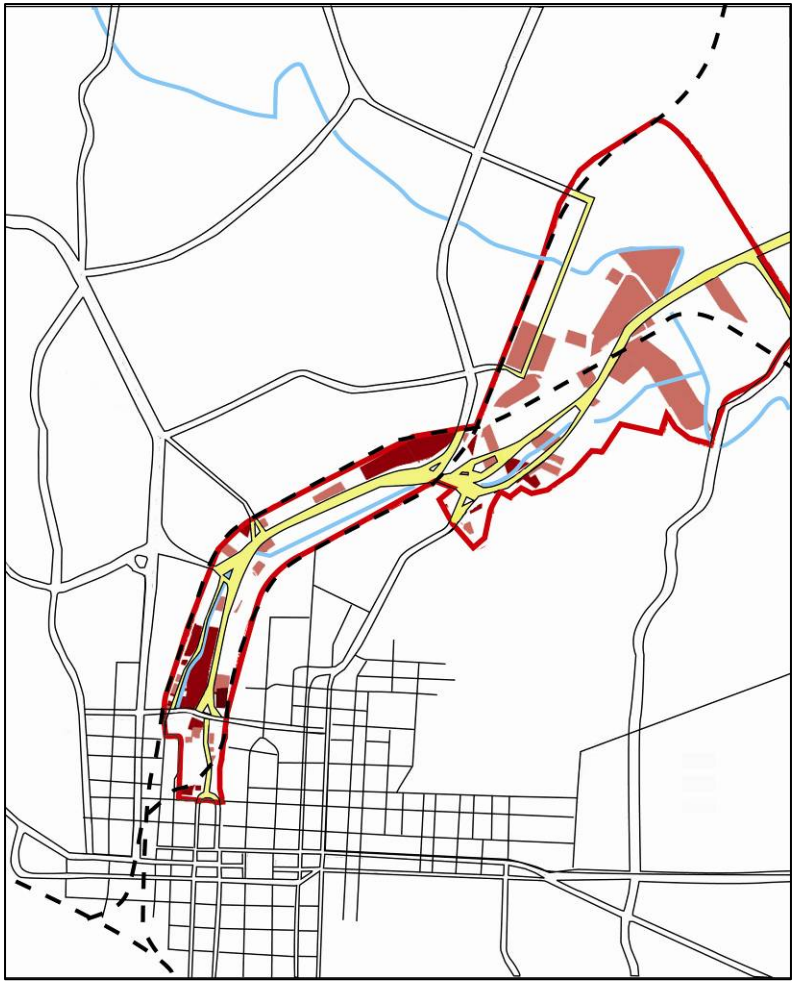


The Old Farmers Market in the late 50's

1958

1961: FAIRVIEW INTERCHANGE

Fairview interchange opened:
New connections to the west side of the city

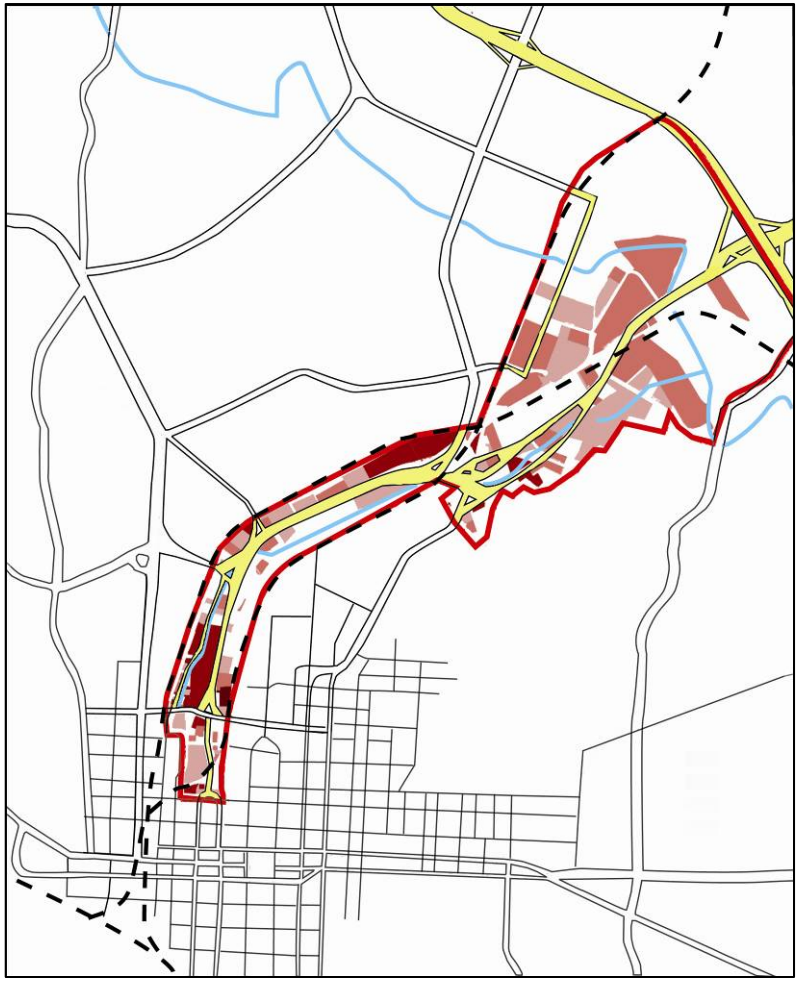


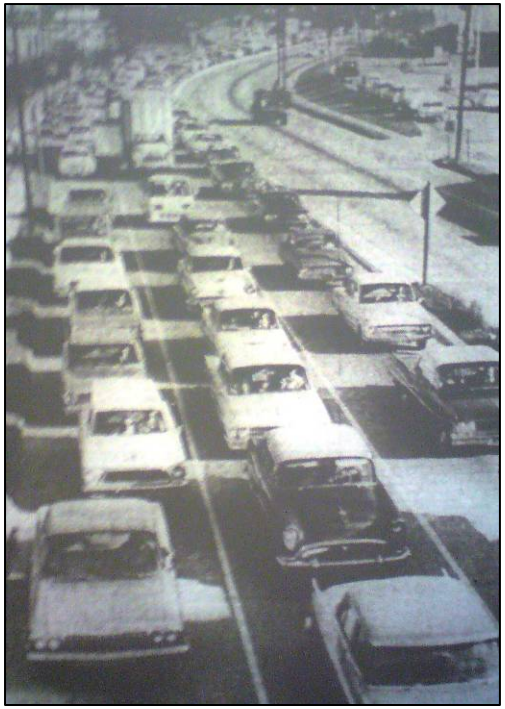
1961

Interchange connects Fairview and Downtown Boulevard

1970: BUSIEST ROAD IN NC

Downtown Boulevard:
Busiest stretch of highway with 54,500 vehicles per day.



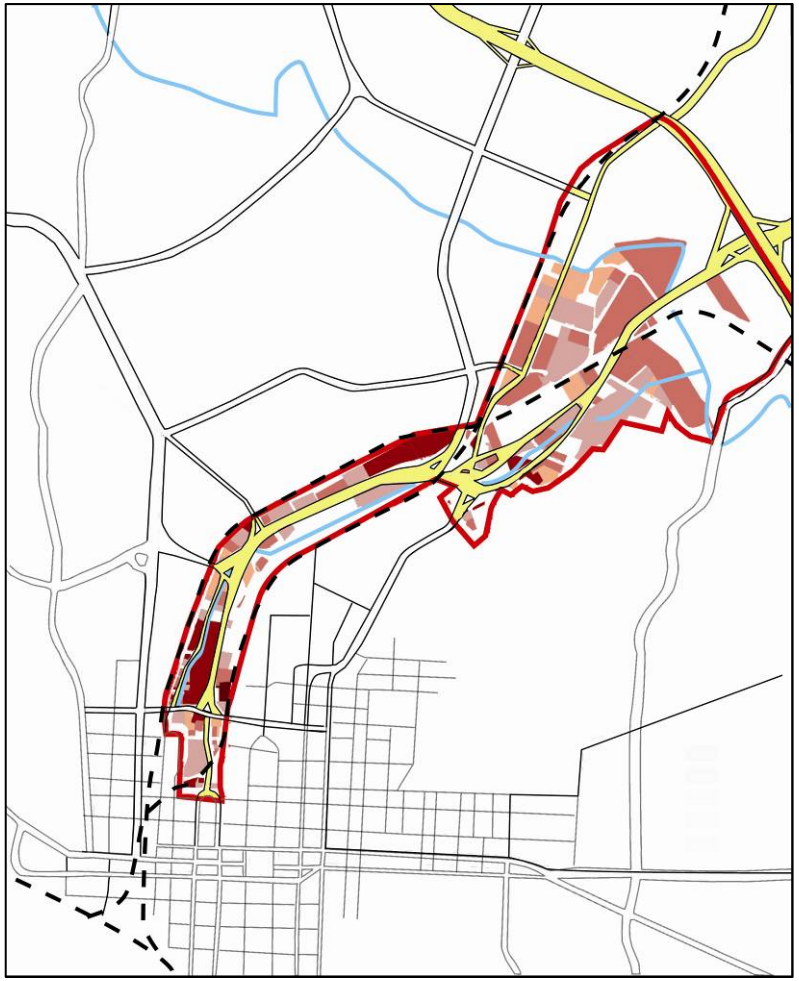


Boulevard Busiest Road, *News and Observer 05-19-70*

1970

1981: ATLANTIC AVENUE COMPLETED

Atlantic Avenue completed:
Main part of the area is already urbanized

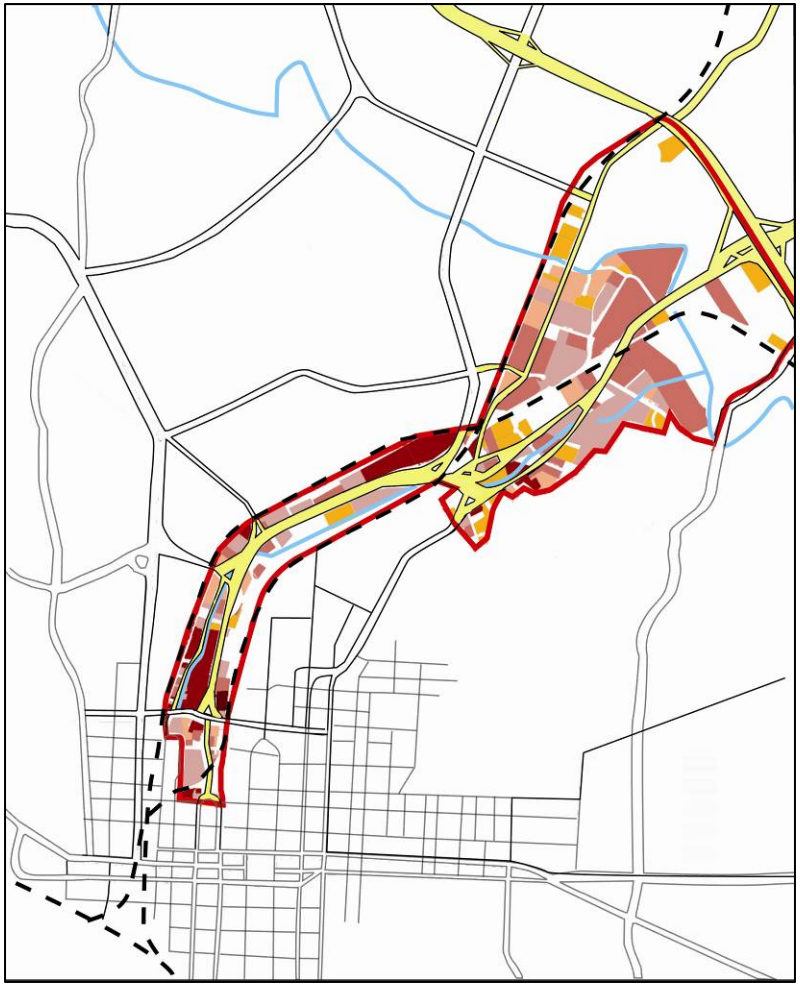


1981

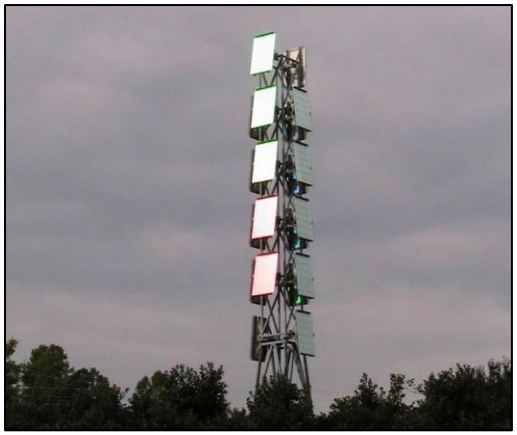
North section of Atlantic Avenue

1989: BICENTENNIAL BOULEVARD

Bicentennial Boulevard project 1986-1992:
Last beautification project planned for this area



1989



Public art installed on Capital Boulevard

Design actions

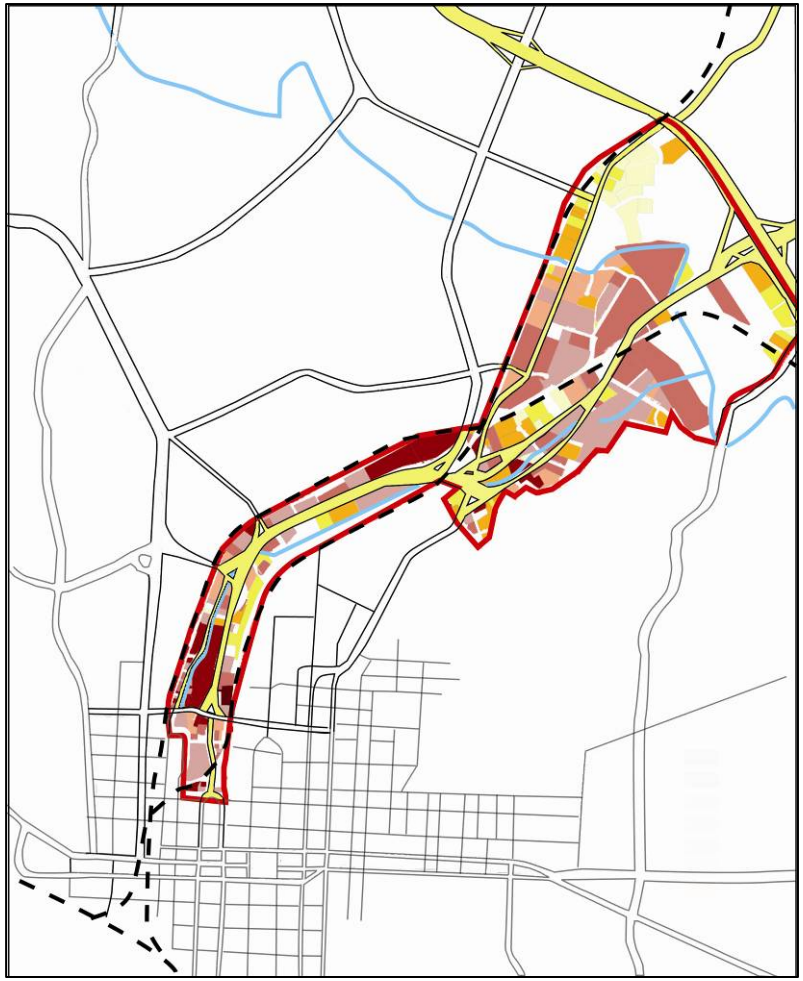
- Civic signage improved
- Public art installed
- Street trees planted
- Street lights updated

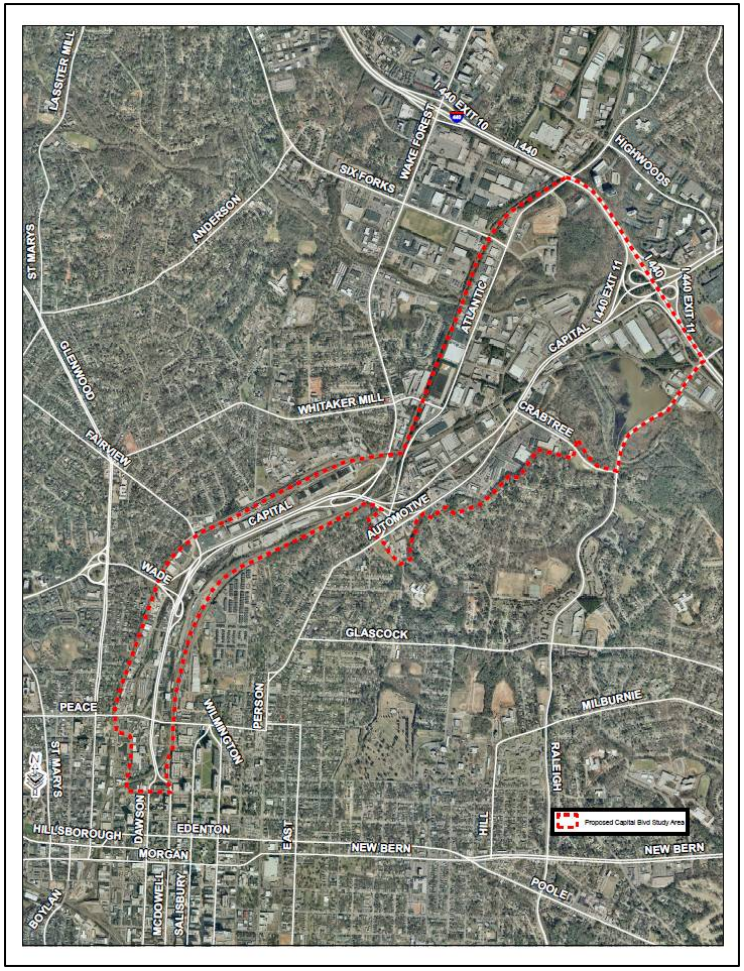
Planning recommendations

- Study potential north/south greenway to promote pedestrian walks and improve Pigeon House branch's water quality.
- Enhance Peace Street interchange
- Connect Wade Avenue to Halifax Street
- Increase land use flexibility

PRESENT DAY

Capital Boulevard Study Today:
Infill urbanization close to the Beltline





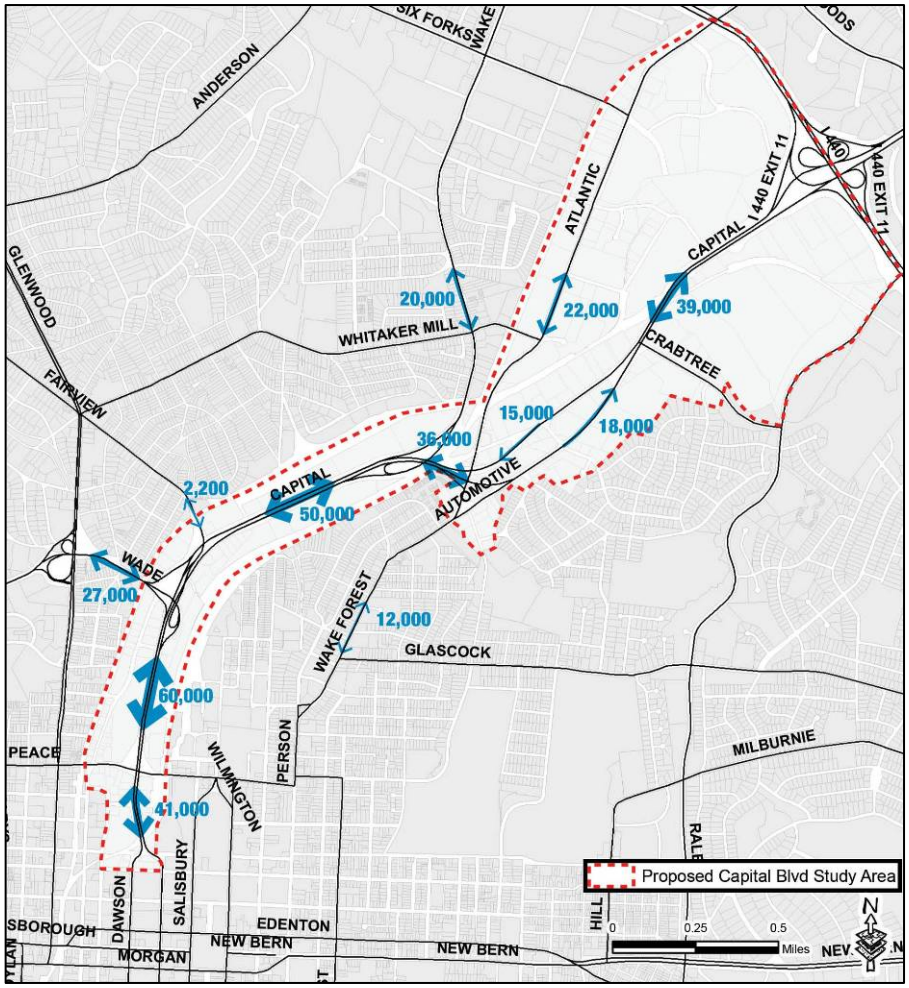
2009

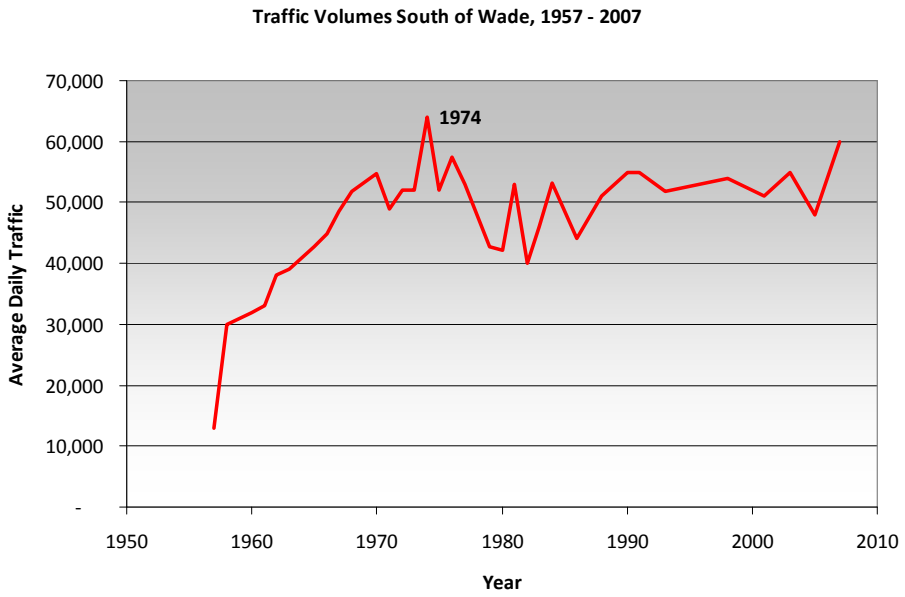
CAPITAL BOULEVARD

CORRIDOR STUDY

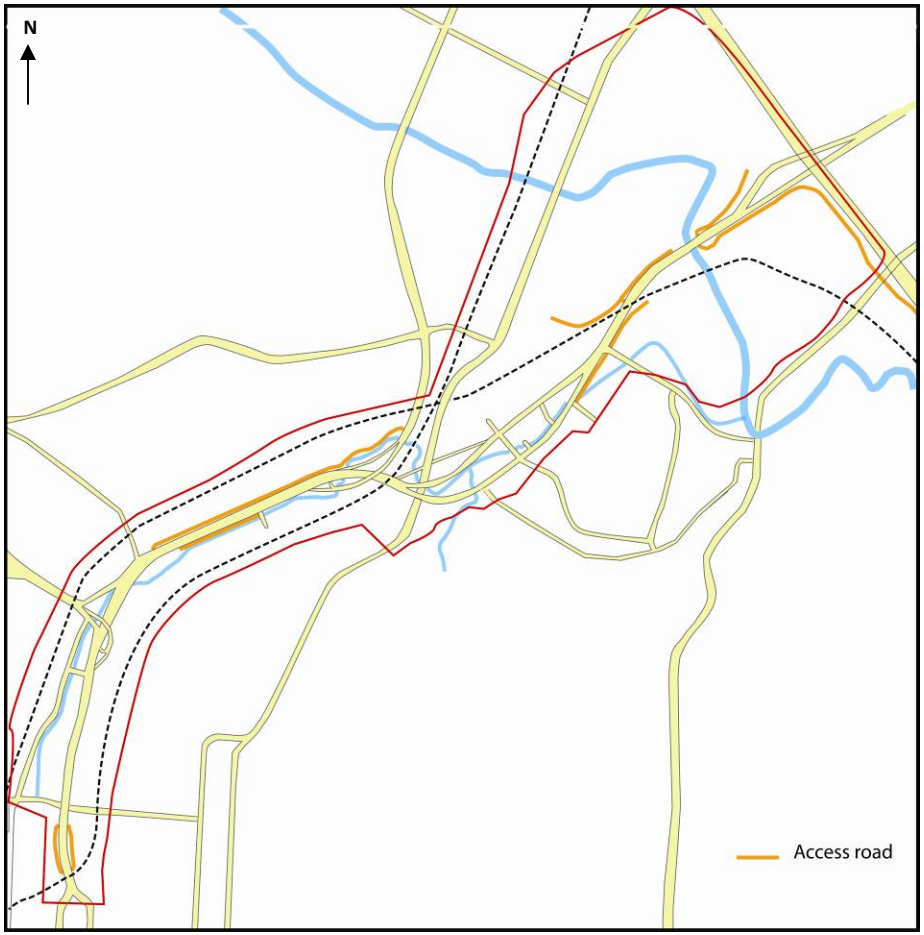
Study Area Issues

TRAFFIC


SIX FORKS
WAKE
ANDERSON
ATLANTIC
CAPITAL
I 440 EXIT 11
I-440
GLENWOOD
FAIRVIEW
WHITAKER MILL
CRABTREE
20,000
22,000
39,000
15,000
36,000
18,000
2,200
CAPITAL
50,000
AUTOMOTIVE
WADE
27,000
WAKE FOREST
12,000
GLASCOCK
60,000
PEACE
WILMINGTON
PERSON
MILBURNIE
41,000
SALISBURY
DAWSON
SBOROUGH
EDENTON
NEW BERN
MORGAN
NEW BERN
HILL
Proposed Capital Blvd Study Area
0
0.25
0.5
Miles
N


Traffic Volumes South of Wade, 1957 - 2007
Average Daily Traffic
70,000
60,000
50,000
40,000
30,000
20,000
10,000
-
1974
1950
1960
1970
1980
1990
2000
2010
Year

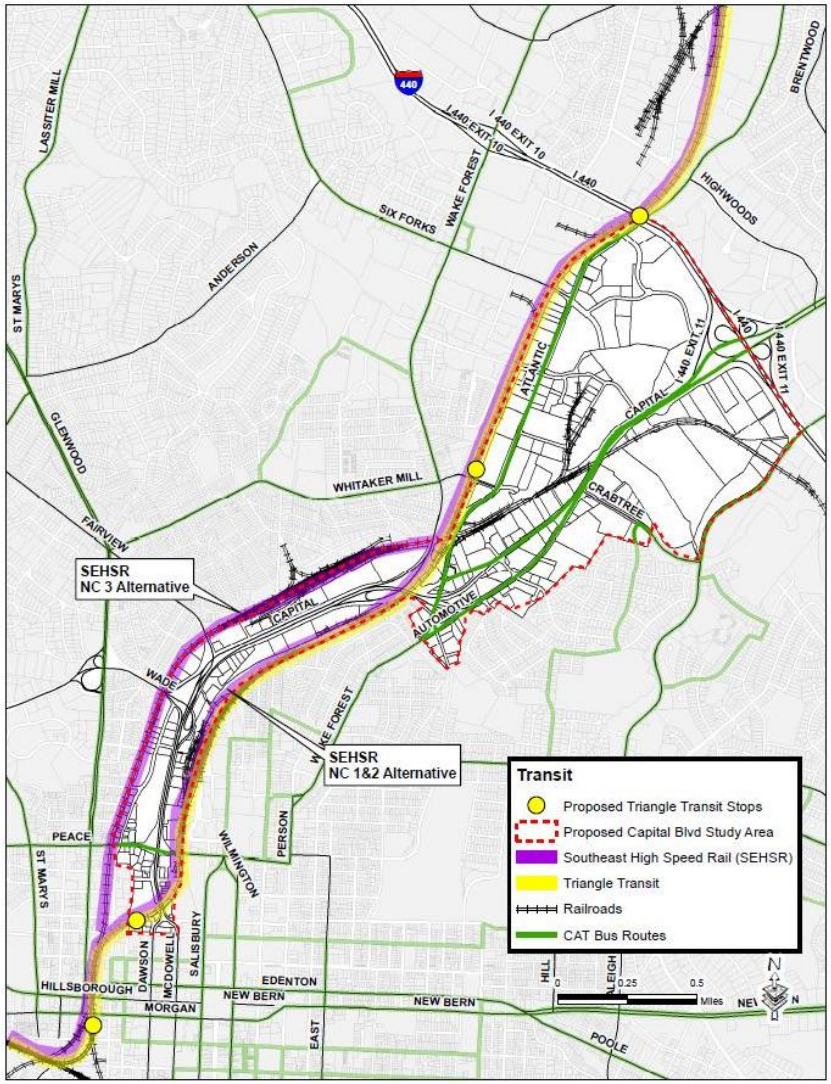
ACCESS MANAGEMENT



2002 Capital Boulevard

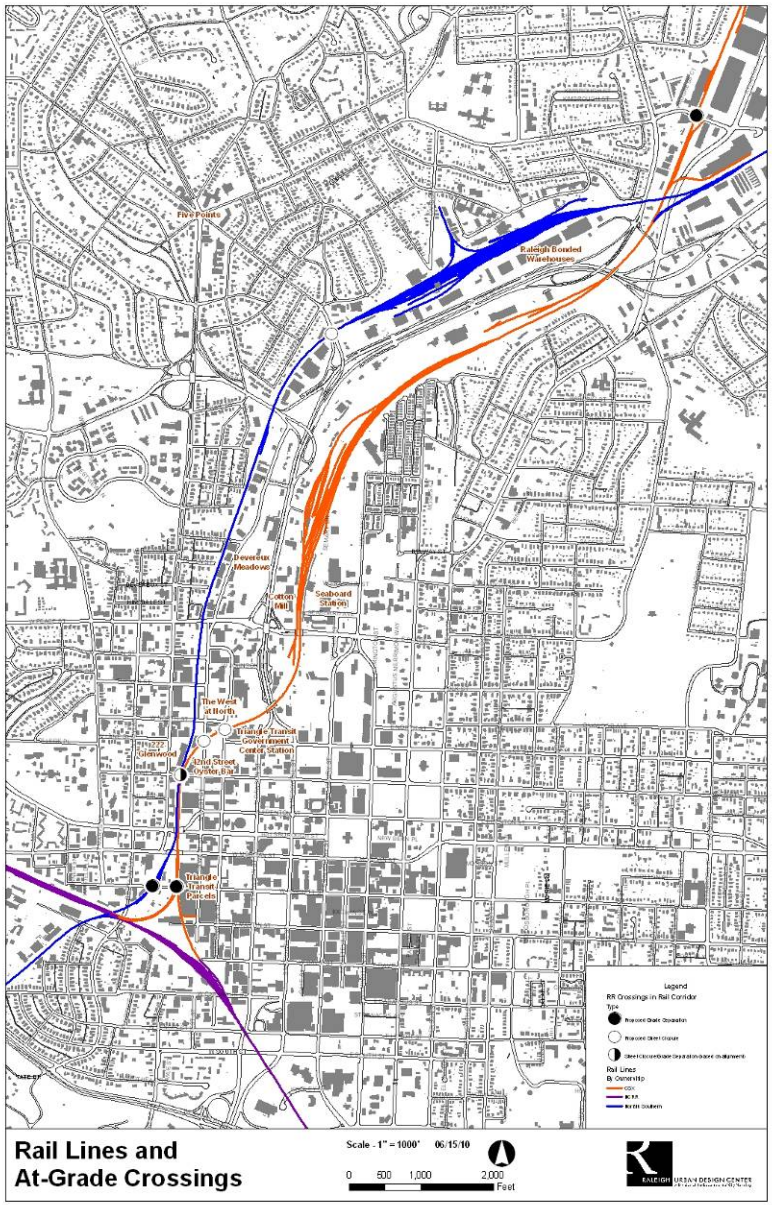
Hess Gas on Capital Boulevard

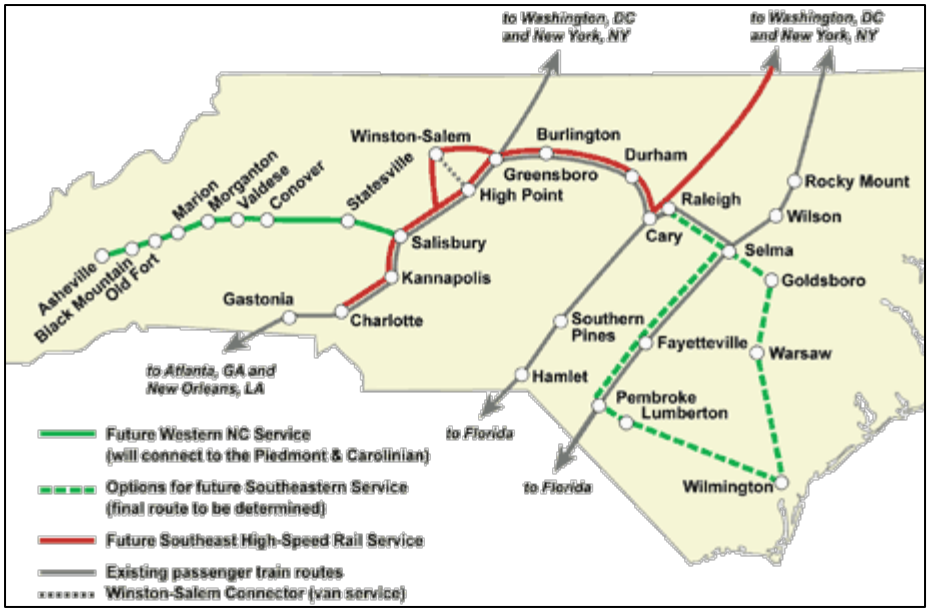
RAIL & BUS TRANSIT



Bus stop on Capital Boulevard

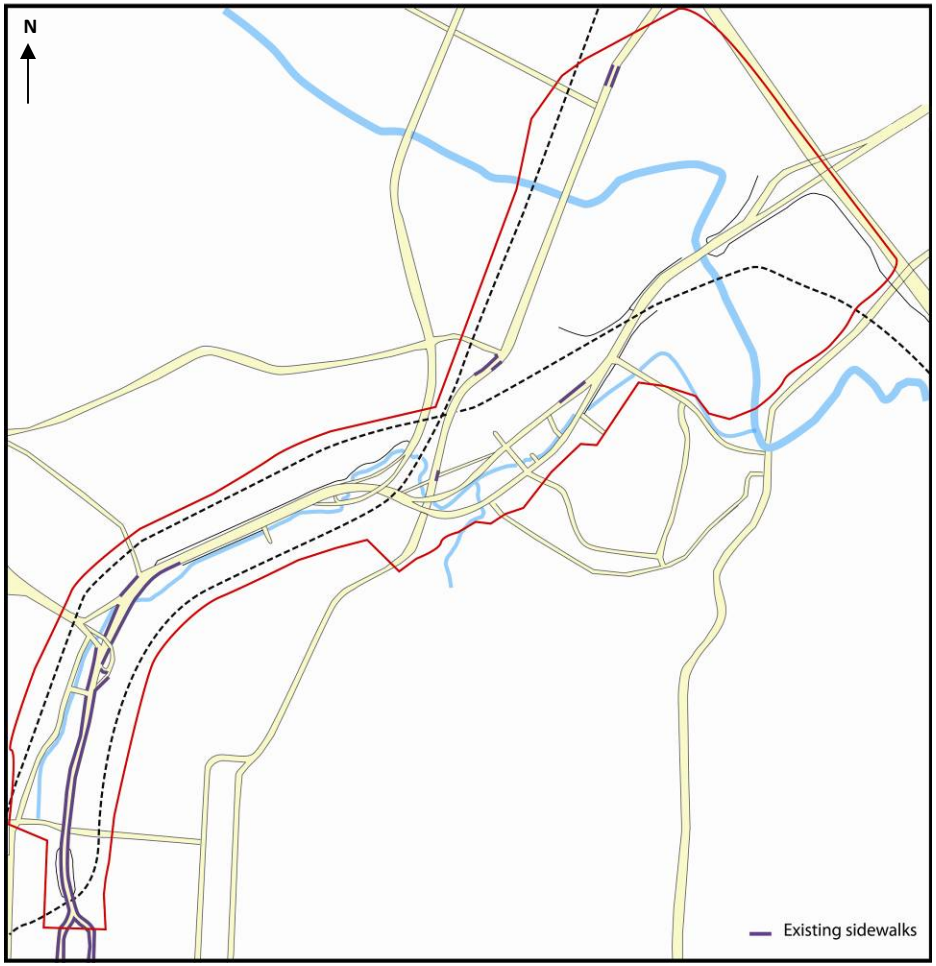
SOUTHEAST HIGH SPEED RAIL



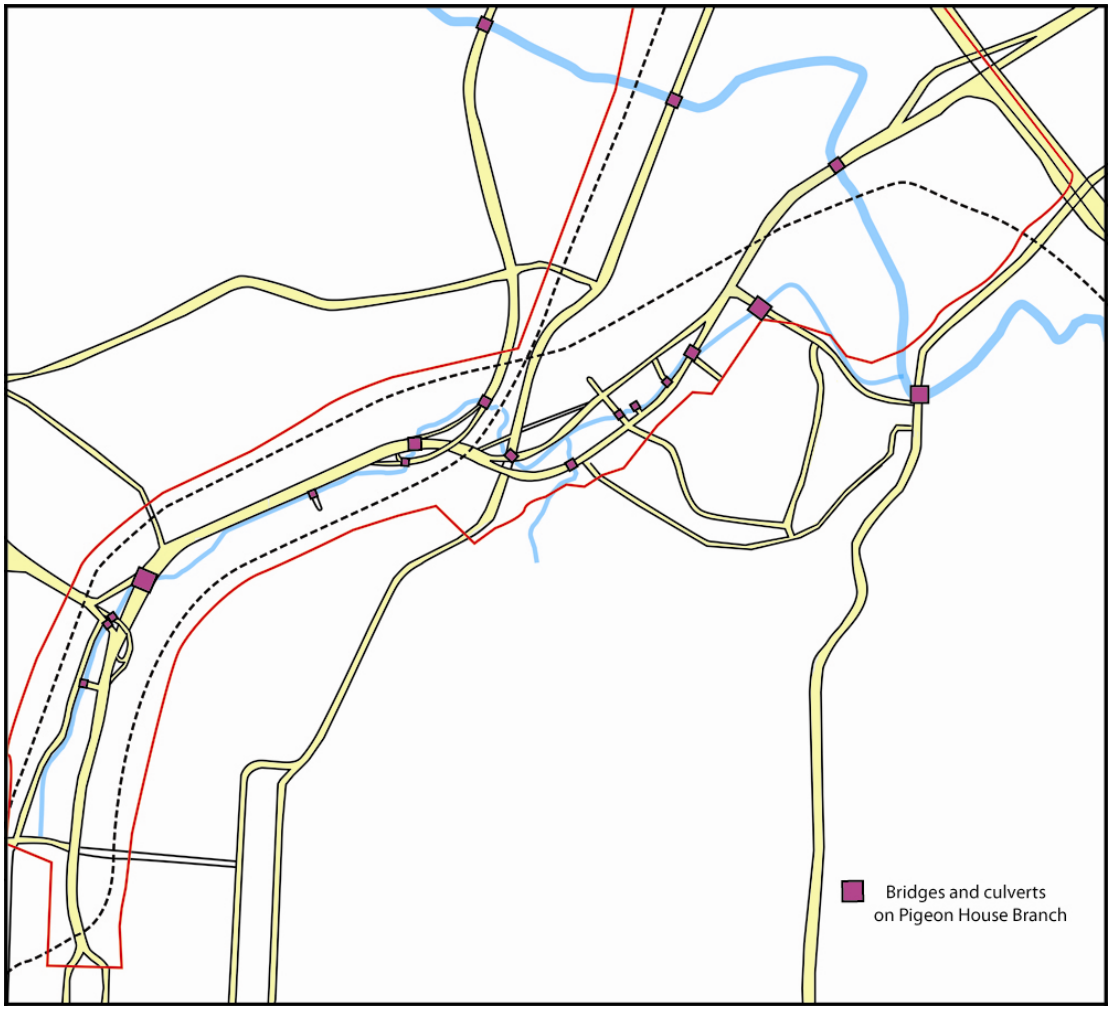


SHSR in North Carolina, *SHSRC webstite*

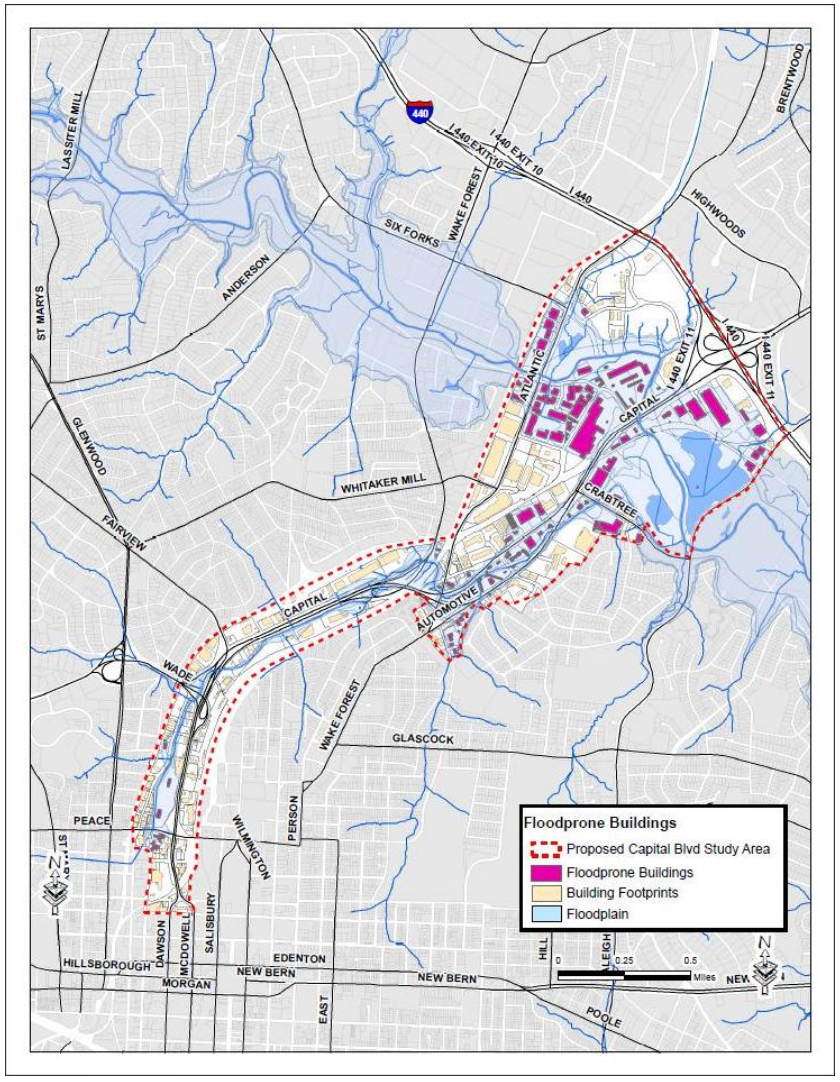
PEDESTRIANS & CYCLISTS



WATER QUALITY



FLOODING

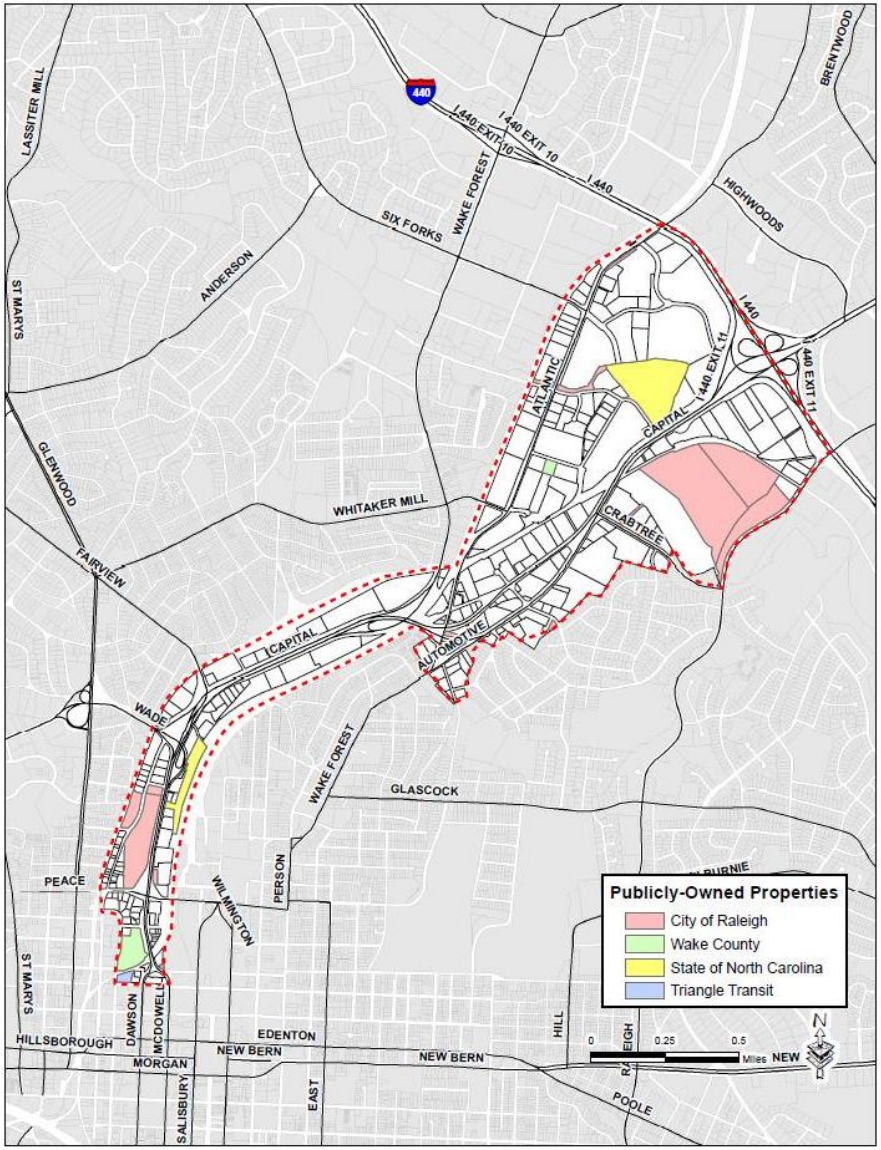

Floodprone Buildings
Proposed Capital Blvd Study Area
Floodprone Buildings
Building Footprints
Floodplain
0 0.25 0.5 Miles
I 440 EXIT 16
I 440 EXIT 10
I 440
I 440 EXIT 11
SIX FORKS
WAKE FOREST
HIGHWOODS
BRENTWOOD
LASSITER MILL
ST MARYS
ANDERSON
GLENWOOD
FAIRVIEW
WHITAKER MILL
ATLANTIC
CAPITAL
CRABTREE
AUTOMOTIVE
WADE
GLASCOCK
PEACE
PERSON
WILMINGTON
DAWSON
MCDOWELL
SALISBURY
HILLSBOROUGH
MORGAN
EDENTON
NEW BERN
EAST
HILL
LEIGH
POOLE

Capital Inn
HBO
AUG 8 2003

AUG 8 2003

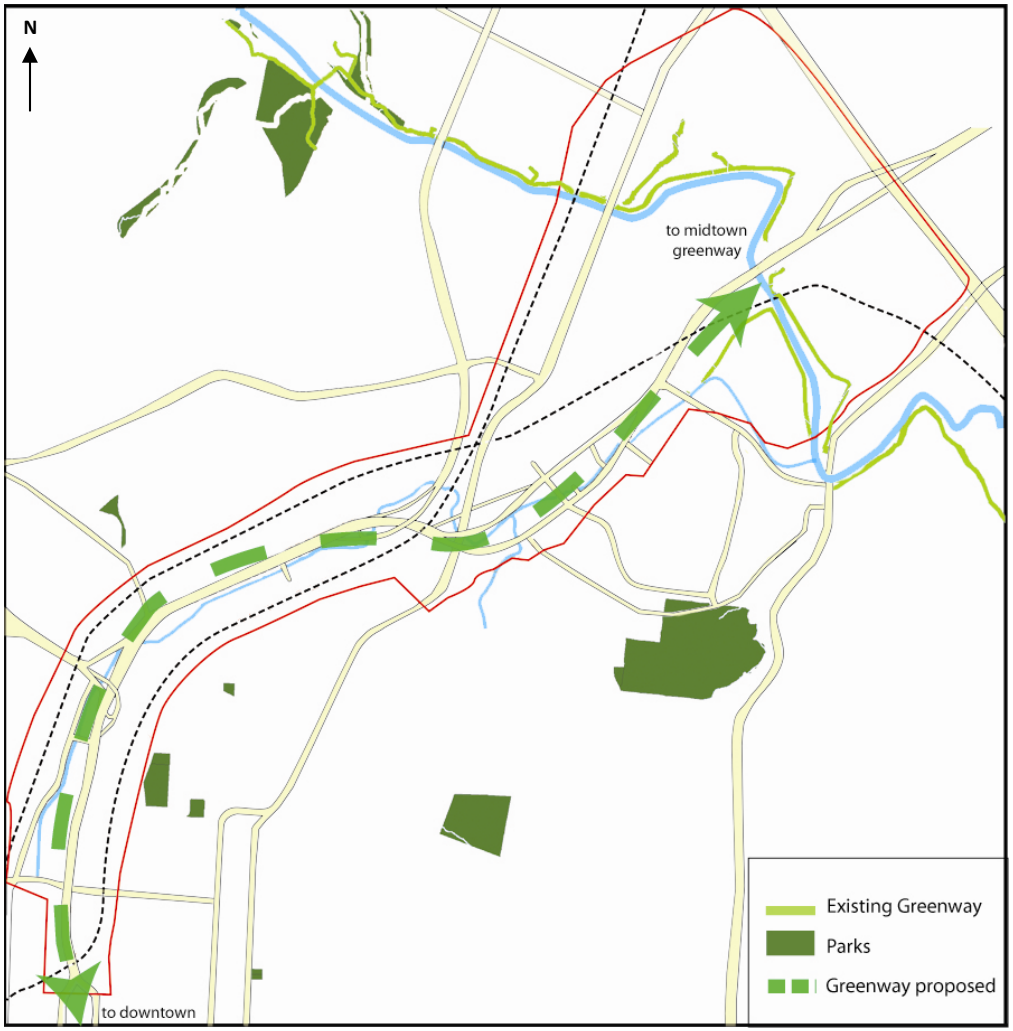
MILNER INN
COAST TO COAST
NEW LOW RATES
Entrance
AUG 8 2003

PUBLIC SITES



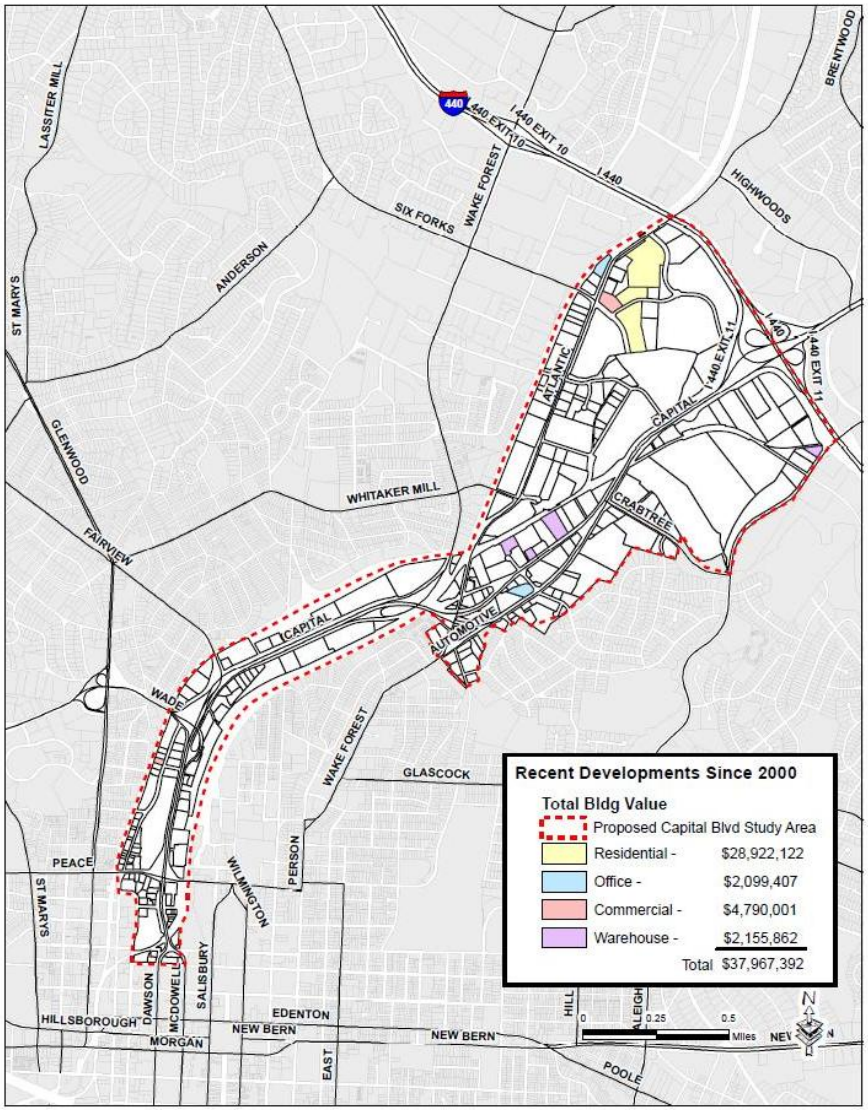
Garage service, property of the City of Raleigh on North West Street

GREENWAYS



Greenway East of Capital Boulevard

PRIVATE INVESTMENT



New residential building, Atlantic Avenue and Six Forks

Flex building on Capital Boulevard

CAPITAL BOULEVARD

CORRIDOR STUDY

Table Discussions

50 minutes

ISSUES • OPPORTUNITIES • CONSTRAINTS

- Do the scope and study area make sense? What would you modify?
- Did we miss any issues? What would you add? Which are most important?
- What are the best opportunities for positive change?
- What constraints stand in the way of realizing the opportunities?