



North Carolina Department of Transportation



I-95 Corridor Planning and Finance Study

PUBLIC HEARING HANDOUT

Tuesday, February 7, 2012

*Robeson Community College (BB&T Room of the Workforce Development Center Building #18),
5160 N. Fayetteville Road, Lumberton, 28360*

Monday, February 13, 2012

Halifax Community College (The Centre-Gallery), 200 College Drive, Weldon, 27890

Thursday, February 16, 2012

City of Rocky Mount, The Imperial Centre (Studio Theatre), 270 Gay Street, Rocky Mount, 27804

Monday, February 20, 2012

Johnston Community College (Tart Building/Paul A. Johnston Auditorium Lobby), 245 College Road, Smithfield, 27577

Tuesday, February 21, 2012

Bill Ellis Convention Center, 2904 Forest Hills Road, Wilson, 27893

Thursday, February 23, 2012

Dunn Community Center, 205 Jackson Road, Dunn, 28334

Monday, February 27, 2012

Double Tree by Hilton Hotel–Fayetteville (Grand Ballroom), 1965 Cedar Creek Road, Fayetteville, 28312



WELCOME – WE'RE GLAD YOU'RE HERE!

*Interstate 95 through North Carolina serves commuters, accommodates vacationers and connects area residents. North Carolina Department of Transportation (NCDOT) is working to determine how best to renew I-95 through our state. With your help, the **I-95 Corridor Planning & Finance Study** will provide the ideal approach for improved safety, connectivity and efficiency along this highway.*

*Look over the materials,
ask lots of questions...and please
share your thoughts with us!*

WHAT'S YOUR VIEW?

Your role in the I-95 Corridor Planning & Finance Study:

- *Review the study findings (boards & maps)*
- *Ask questions*
- *Give us your comments (comment form,
email or talk with us)*

With your input, we will:

- *Check our work*
- *Address comments*
- *Finalize the study*

GOALS & OBJECTIVES

WHAT WE HAVE ACCOMPLISHED

- ☑ *Identify needs for I-95*
- ☑ *Determine potential solutions*
- ☑ *Narrow solutions to reasonable alternatives*
- ☑ *Involve the public and government agencies*
- ☑ *Establish funding strategies*
- ☑ *Recommend projects to be included in future state transportation plans*

PROJECT SCHEDULE

- *August 2010: Held public workshops*
- *September 2010: Prepared Study Area Needs Assessment*
- *October 2011: Completed traffic modeling*
- *December 2011: Published study/Environmental Assessment*

We Are Here >

February 2012: Hold public hearings

- *February-April 2012: Review and respond to public comments*
- *May 2012: Final report approved by Federal Highway Administration and available to the public*

WHY IMPROVE I-95?

- *Reduce crashes and fatalities*
- *Decrease congestion — especially as our population grows*
- *Replace bridges and pavement*
- *Upgrade existing interchanges to meet current design standards*



THE STUDY IDENTIFIED SPECIFIC IMPROVEMENTS NEEDED ON I-95

Safety

- *35 locations need improved sight distance.*
- *45 ramps need longer acceleration and/or deceleration lanes for safer and more efficient operation.*
- *22 locations need additional distance between interchanges.*

Bridges

- *16% of bridges (30 of 185) need to be replaced within 10 years.*
- *50% of bridges (92 of 185) need to be replaced within 20 years.*

THE STUDY IDENTIFIED SPECIFIC IMPROVEMENTS NEEDED ON I-95 *(CONT.)*

Pavement

- *15% of the I-95 corridor (27 of 179 miles) needs immediate resurfacing to repair broken pavement.*
- *100% of pavement foundation needs complete reconstruction.*

Widening

- *58% of the I-95 corridor needs widening by 2040 to accommodate projected future traffic.*
 - *23% of vehicles are heavy trucks.*
 - *11%-150% traffic growth is expected over the next 30 years.*

WHAT IMPROVEMENT OPTIONS WERE CONSIDERED?

INITIAL EVALUATION: 10 Alternatives

- No Action (Maintenance Only)
- Preservation and Modernization Only
- Congestion Management Through Technology Only
- Improve Alternative Route US-301
- Rail Alternative
- Transit Alternative
- Add Truck Lanes
- Add New "Toll-Only" Lane
- Widen Highway
- Relocate I-95

IN-DEPTH EVALUATION: 4 Alternatives (Carried Forward from Initial Evaluation)

- No Action for Comparison Purposes
- Add Truck Lanes Only
- Add "Toll-Only" Lane
- Widen Highway

RECOMMENDED CONCEPT

- **Add Lanes on Existing Highway**
 - Widen to 8 Lanes from Exit 31 to Exit 81
 - Widen to 6 Lanes from Exit 81 to VA State Line and from Exit 31 to SC State Line

TAKING EVERYTHING INTO CONSIDERATION

- *Homes, farms and businesses*
- *Churches and cemeteries*
- *Schools*
- *Streams, wetlands, endangered species*
- *Historic sites*
- *Parks*
- *Hazardous waste sites*
- *Emergency services*
- *Other roads*

RECOMMENDATIONS FOR ROBESON COUNTY

I-95

- *Widen to 6 lanes throughout the county*

Interchanges

- *Modify ramps at Exits 2, 10, 17 and 20*
- *Upgrade ramps at Exits 1, 7, 19, 25, 31 and 33*
- *Relocate and realign service roads at Exits 7, 17, 19, 20 and 25*

Bridges

- *Replace 27 bridges*

RECOMMENDATIONS FOR CUMBERLAND COUNTY

I-95

- *Widen to 8 lanes throughout the county*

Interchanges

- *Modify ramps at Exits 44, 49 and 61*
- *Upgrade ramps at Exits 41, 55, 56, 58 and 65*
- *Relocate and realign service roads at Exits 41, 49, 55, 61 and 65*

Bridges

- *Replace 31 bridges*

RECOMMENDATIONS FOR HARNETT COUNTY

I-95

- *Widen to 8 lanes throughout the county*

Interchanges

- *Modify ramps at Exits 72 and 73*
- *Upgrade ramps at Exits 70, 71, 75 and 77*
- *Relocate and realign service roads at Exits 70, 71, 72, 73, 75 and 77*

Bridges

- *Replace 6 bridges*

RECOMMENDATIONS FOR JOHNSTON COUNTY

I-95

- *Widen to 8 lanes from Harnett County line north to I-40*
- *Widen to 6 lanes from I-40 to Wilson County line*

Interchanges

- *Modify ramps at Exits 79, 90, 101 and 105*
- *Upgrade ramps at Exits 81, 87, 93, 95, 97, 98, 102, 106 and 107*
- *Relocate and realign service roads at Exits 79, 87, 90, 93, 95, 97, 98, 101, 102 and 106*

Bridges

- *Replace 25 bridges*

RECOMMENDATIONS FOR WILSON COUNTY

I-95

- *Widen to 6 lanes throughout the county*

Interchanges

- *Modify ramps at Exit 121*
- *Upgrade ramps at Exit 116*
- *Relocate and realign service roads at Exit 116*

Bridges

- *Replace 16 bridges*

RECOMMENDATIONS FOR NASH COUNTY

I-95

- *Widen to 6 lanes throughout the county*

Interchanges

- *Modify ramps at Exits 141 and 150*
- *Upgrade ramps at Exits 127, 132 and 145*
- *Relocate and realign service roads at Exit 141*

Bridges

- *Replace 32 bridges*

RECOMMENDATIONS FOR HALIFAX COUNTY

I-95

- *Widen to 6 lanes throughout the county*

Interchanges

- *Upgrade ramps at Exits 154, 160, 168, 171 and 173*
- *Relocate and realign service roads at Exits 154 and 160*

Bridges

- *Replace 22 bridges*

RECOMMENDATIONS FOR NORTHAMPTON COUNTY

I-95

- *Widen to 6 lanes throughout the county*

Interchanges

- *Modify ramps at Exit 180*
- *Upgrade ramps at Exit 176*
- *Relocate and realign service roads at Exit 176*

Bridges

- *Replace 6 bridges*

COSTS FOR IMPROVEMENTS

(IN TODAY'S DOLLARS)

Total costs for all I-95 improvements needed by 2040: \$4,442,000,000 (\$4.4 billion)

IMPROVEMENT	COST
CONSTRUCTION (Widening + Improving Interchanges)	\$4,120,000,000 <i>(\$4.1 billion)</i>
RIGHT OF WAY (Land Needed)	\$322,000,000 <i>(\$322 million)</i>



FUNDING OPTIONS

INITIAL EVALUATION: 5 Options

- Continue conventional funding at current rate (combination of Federal and State funding and taxes)
- Increase State funding
- Obtain special Federal funding (earmark)
- Increase local taxes
- Convert I-95 to a toll road

IN-DEPTH EVALUATION: 2 Options

- Conventional funding at current rate
- Convert I-95 to a toll road

RECOMMENDED CONCEPT

- Convert I-95 to a toll road

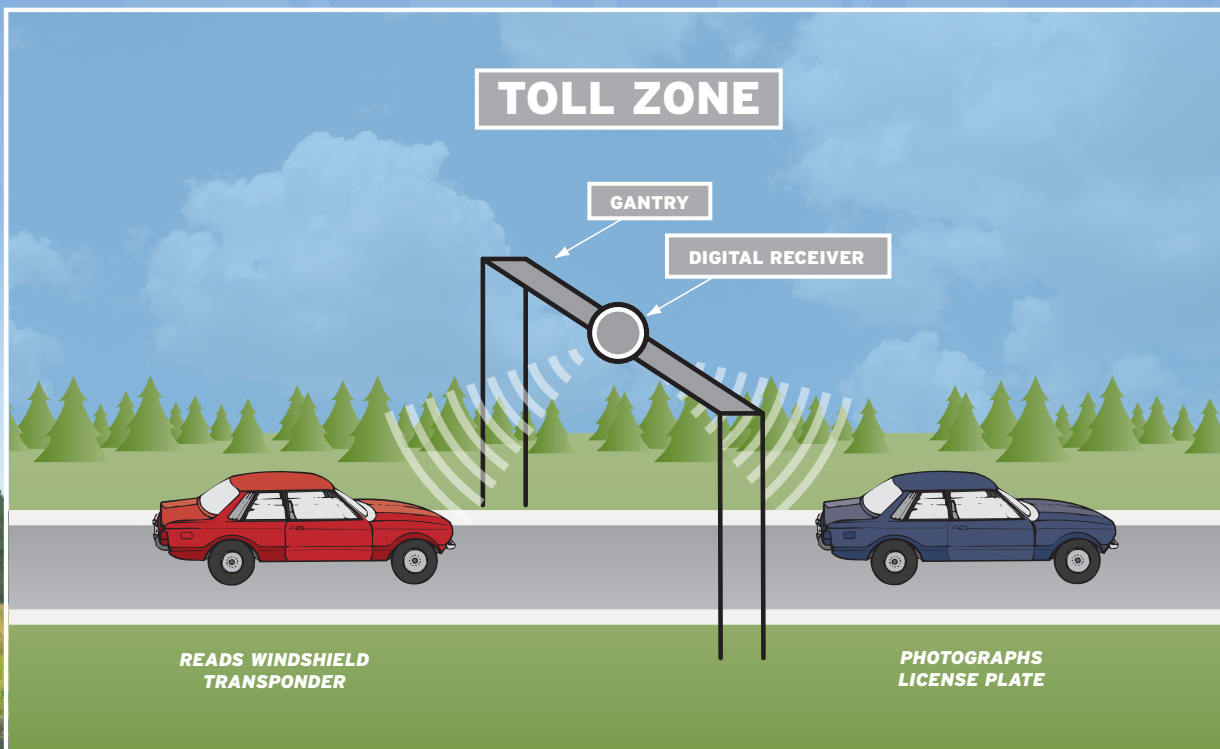
RECOMMENDED FUNDING

CONVERT I-95 TO A TOLL ROAD

Pending approval, construction and maintenance would be paid for by tolls.

- All-Electronic Toll Collection (no toll plazas)
- Phased Construction Approach

NO TOLL PLAZAS, NO STOPPING



RECOMMENDED CONSTRUCTION PROCESS

Tolling will allow all I-95 improvements to be completed in 20-25 years (versus 60+ years without tolling).

- Phase 1*
- *Widen to 8 lanes from Exit 31 to Exit 81 (50 miles)*
 - *Widen to 6 lanes from Exit 20 to Exit 31 (11 miles)*

- Phase 2*
- *Make safety and bridge improvements*
 - *Widen to 6 lanes from SC Line to Exit 20 and Exit 81 to VA Line*

MOVING FORWARD

1. *Complete the Study*
2. *Obtain tolling approval*
3. *Complete required studies for individual construction projects*
4. *Complete final design; obtain necessary permits and land*
5. *Secure financing and begin construction*