

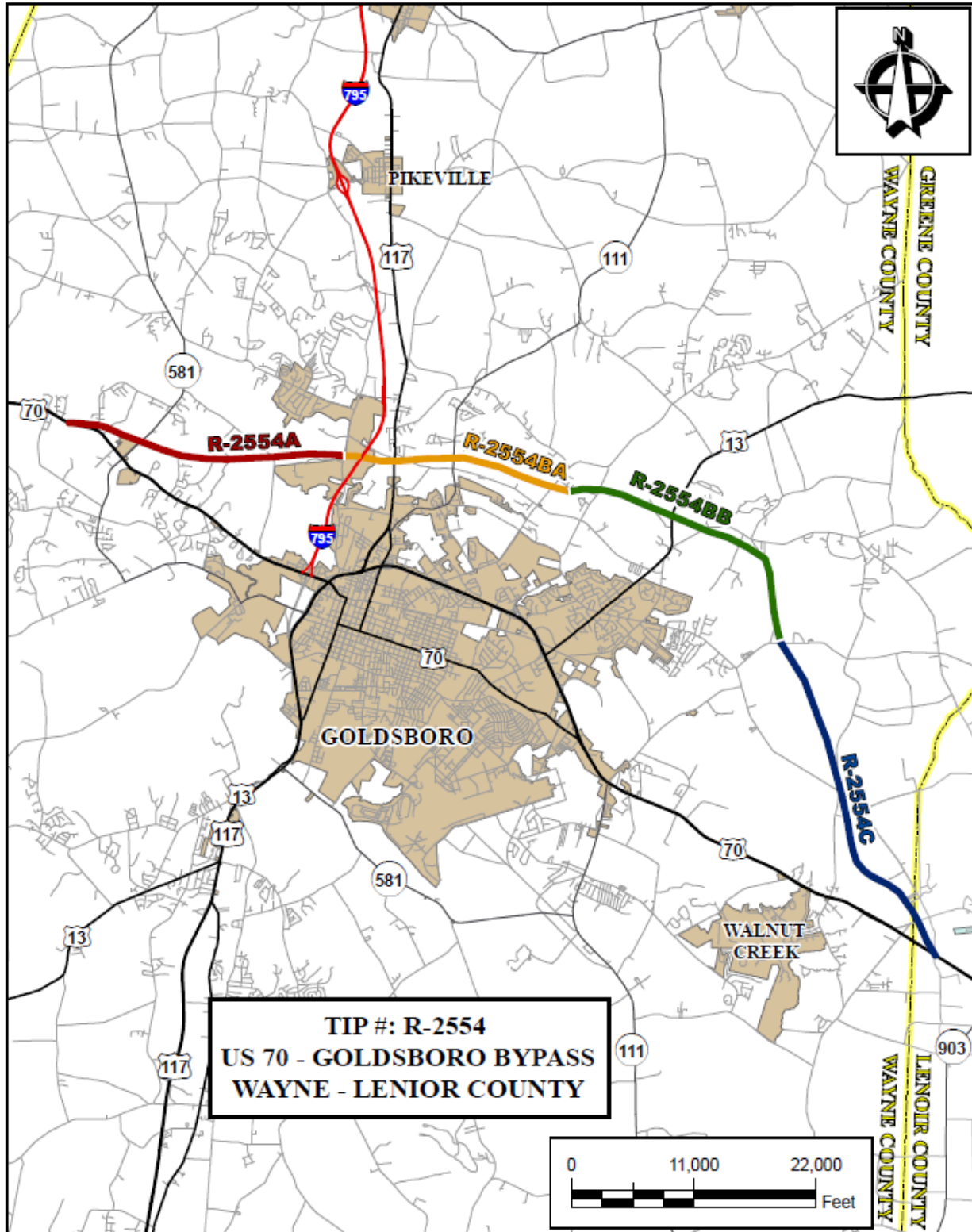
NC Board of Transportation US 70 Workgroup

July 13, 2017



NCDOT

**Bypasses
Corridor Upgrades
Feasibility Studies**



US 70 Bypasses

Goldsboro Bypass (R-2554)

Funding Status:

Complete

Schedule:

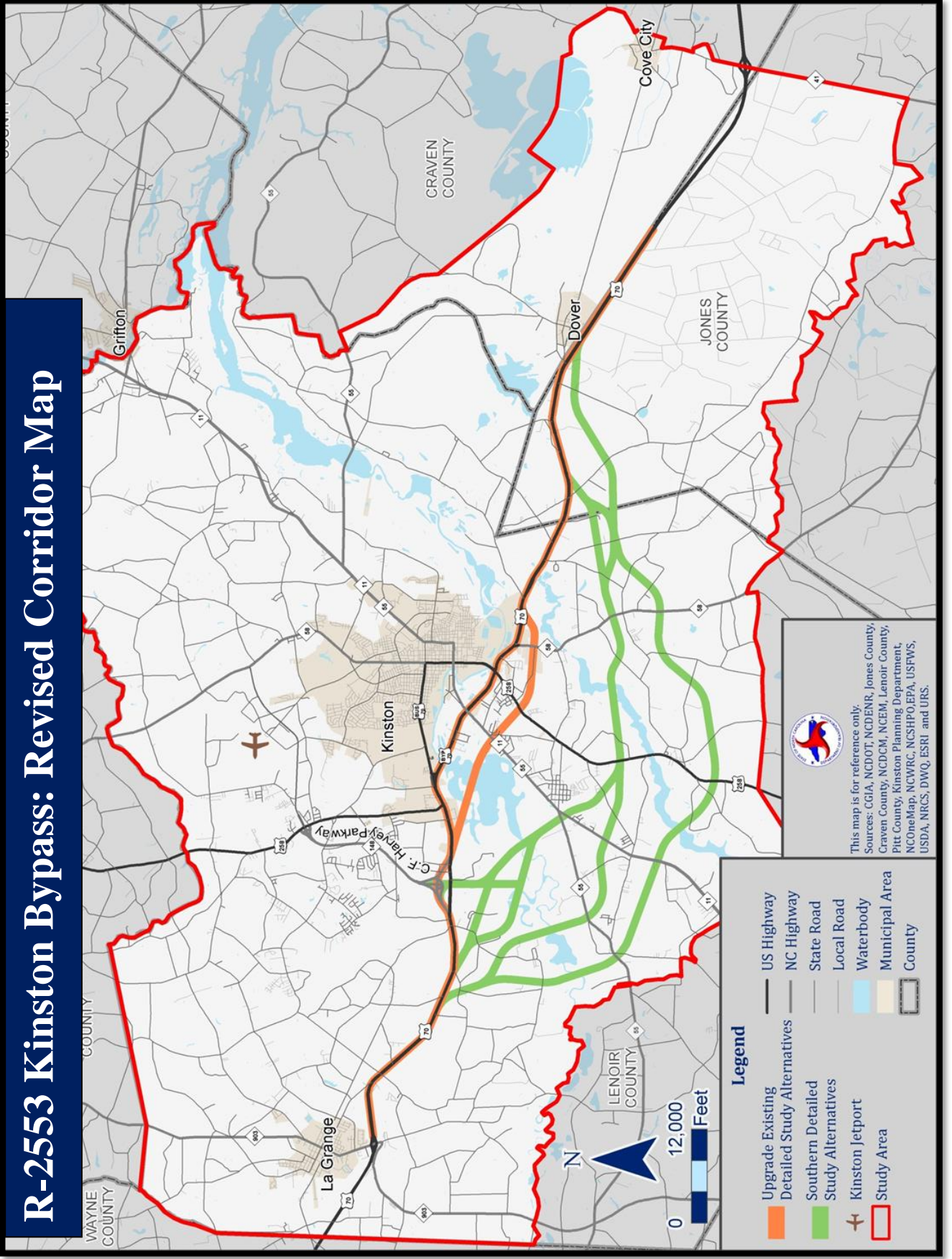
- Record of Decision Approved – August 1998
- Section A
 - Opened to traffic October 17, 2015
- Section BA
 - Opened to traffic Dec. 16, 2011
- Sections BB & C
 - Opened to traffic May 27, 2016

Activities Underway

Entire Bypass: Construction of Intelligent Transportation System infrastructure to aid daily and emergency traffic flow. This consists of closed circuit cameras, DMS Boards, etc... Structures are in place. Power has been supplied to cameras. Observation period to commence July 2017. Expected completion late summer 2017.

Project Manager: Ryan Beamer, PE, (919) 209-1090, rlbeamer@ncdot.gov

R-2553 Kinston Bypass: Revised Corridor Map




Kinston Bypass (R-2553)


Funding Status:

*Unfunded in 2016-2025 STIP.

Schedule:

- 
- Start-of-Study Letter – May 29, 2009
 - Purpose & Need (CP1) Concurrence Achieved – October 13, 2010
 - Detailed Study Alternatives (CP2) Concurrence Achieved – November 17, 2011
 - Environmental Studies for historic resources, natural resources, and community impacts – 2012 through 2016
 - CP2 Concurrence (revisited) – January 16, 2014
 - Bridging Decisions (CP2A) – April 17, 2014
 - Draft Environmental Impact Statement - Spring 2018
 - Corridor Design Public Hearing – Summer 2018
 - Corridor Selection (CP3) – Fall 2018
 - Delineation of wetlands and streams – TBD
 - Avoidance and Minimization (CP4A) – TBD
 - Final Environmental Impact Statement – TBD
 - State Record of Decision – TBD
 - Right of Way acquisition – (Draft STIP: 2022)
 - Construction – (Draft STIP: 2024)

Activities Underway/Completed

- 
- Environmental Studies for Detailed Study Alternatives.
 - Functional Designs for Detailed Study Alternatives are completed.
 - Preliminary Noise Analysis is completed.
 - Public Meeting(s) #4 – were held August 26th & 28, 2014.
 - Local Officials Meeting #6 was held August 26, 2014.
 - Land Use Scenario Assessment was finalized in August 2015
 - Estimates completed: Utilities, Construction, ITS, relocation impacts.
 - Draft Economic Impact Assessment completed.
 - Traffic Forecast completed.
 - Merger informational meeting #6 completed.
 - Traffic capacity studies ongoing.
 - Refining conceptual designs.
 - Draft EIS now being assembled & written.
 - NCDOT-PDEA and FHWA are currently working on “lessons learned” for the GIS Pilot project & devising the best means for bringing that study to a close.

Upcoming Actions

- Wetland Predictive Model Pre-Merger Coordination August 2017
- Local Officials Meeting Global Transpark July 24, 2017

* Section C of project proposed for funding in Draft 2017 STIP

Project Owner: John Rouse, P.E., (252) 439-2800, jwrouse@ncdot.gov

Project Manager: Maria Rogerson, P.E., (252) 439-2800, marogerson@ncdot.gov



**R-1015: Havelock Bypass
Preferred Alternative Map
April 10, 2012**

Begin Project R-1015

Neuse River

Tucker Creek

Stocum Rd.

SR 1105 Lewis Farm Rd.

SR 1746 Greenfield Heights Blvd

SR 1791 Sunset Dr

SR 1756 Lake Rd

SR 1824 MacCortney Blvd

SR 1756 Lake Rd

SR 1756 Lake Rd

SR 1756 Lake Rd

SR 1756 Lake Rd

Legend

 R-1015 Corridor 3

Craven County
Carteret County

Havelock Bypass (R-1015)

Funding Status:

All segments funded for both right of way and construction in 2016-2025 STIP.

Schedule:

- Draft Environmental Impact Statement – approved September 2011
- Corridor Public Hearing – December 6, 2011
- Conducted Post Hearing Meeting – February 2012
- Concurrence Point 3 Meeting (Corridor Selection Revisited) – Concurrence Achieved on April 10, 2012
- Concurrence Point 2A (Bridging Decisions Revisited) – Concurrence Achieved on July 9, 2012
- Environmental Studies Updates – 2012 - 2015
- Concurrence Point 4A (Avoidance & Minimization) – August 2014
- Final EIS Approved (FHWA) – October 2015
- Record of Decision Approved (FHWA) – December 2016
- Right of Way acquisition – In progress
- Construction – FY 2019



Activities Underway/Completed

- Right of way acquisition underway.

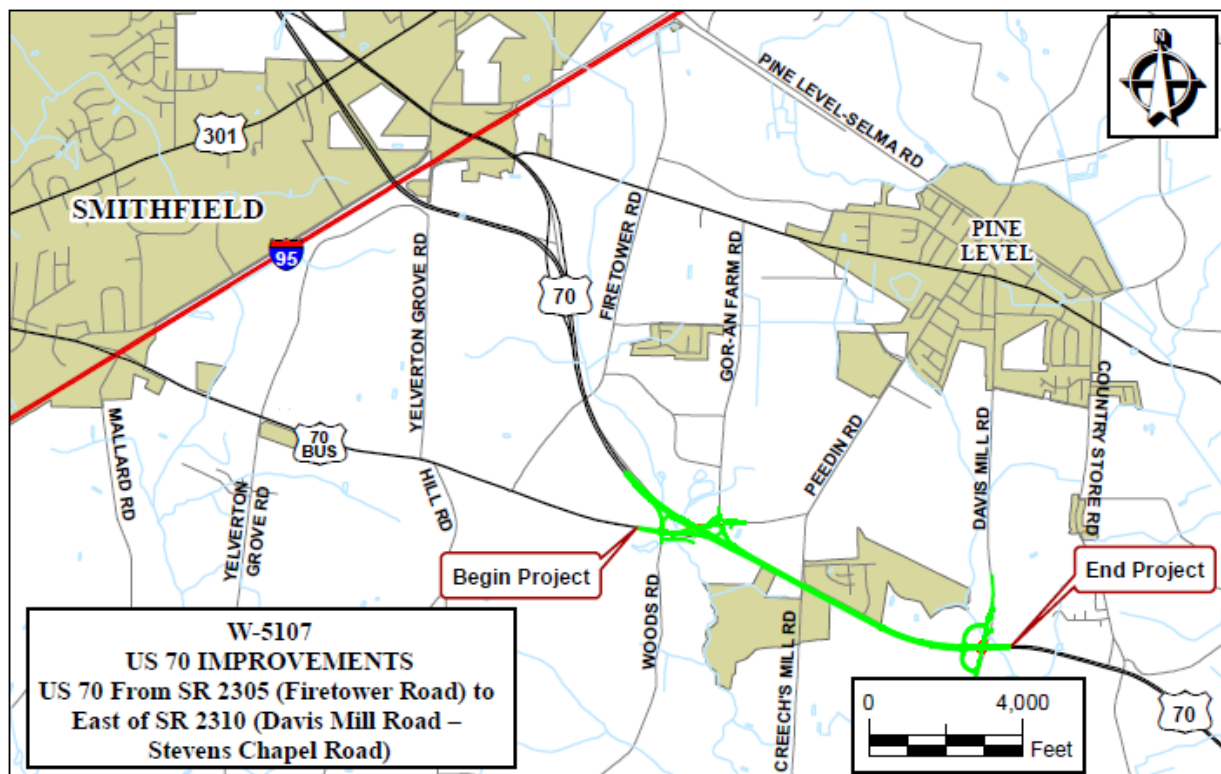
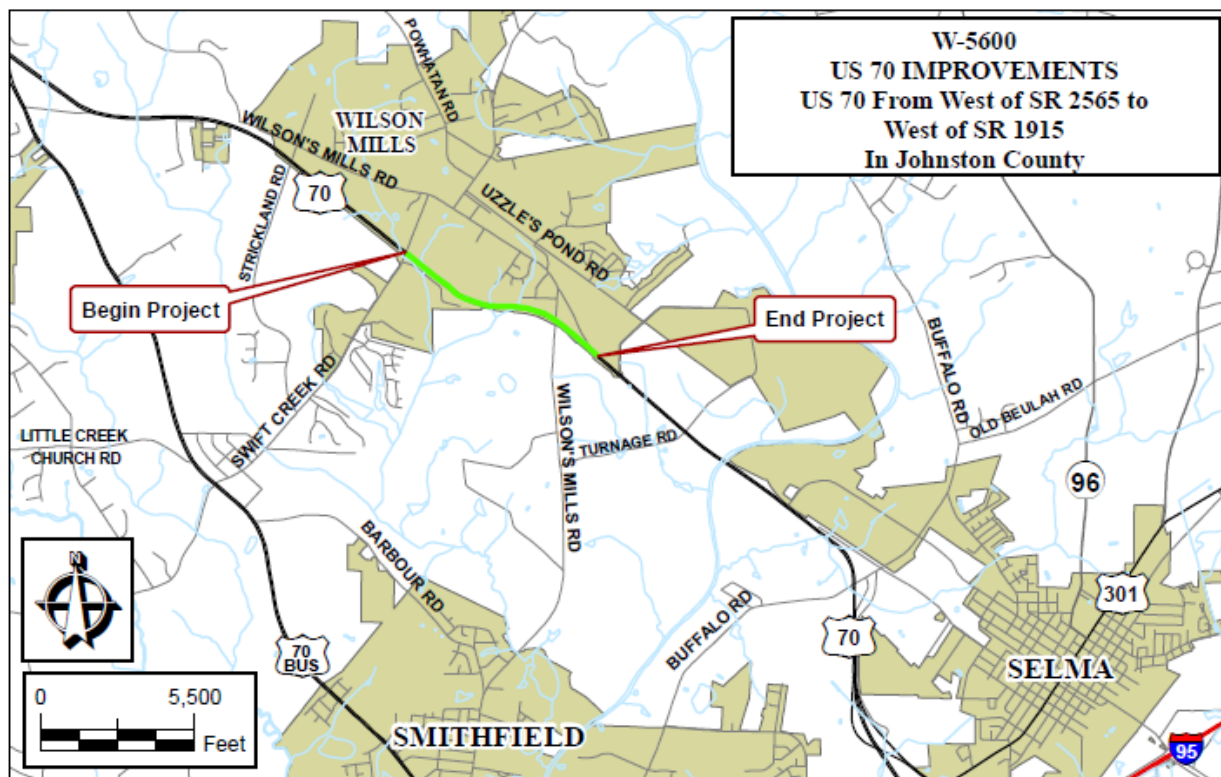
Upcoming Actions

- Construction FY 2019.

Potential Litigation Schedule:

- Arguments to be submitted by February 2018
- Decision likely 9 to 11 months later.

Project Manager: John Conforti, REM, (919) 707-6015, jgconforti@ncdot.gov



US 70 Corridor Upgrades

US 70 Improvements near Wilson's Mills, Johnston County, W-5600

Upgrade US 70 to a freeway from US 70 Clayton Bypass to Neuse River bridge. Construct interchanges at Swift Creek Road and Wilson's Mill Road.

Funding Status:

Fully funded in 2016-2025 STIP.

Schedule:

- Project Scoping Meeting – Held July 2012
- Categorical Exclusion – June 2016
- Right of Way Acquisition – FY 2018
- Construction – FY 2020

Activities Underway

- CE Completed June 2016
- Final Design Public Meeting July 2017

Upcoming Actions

- Right of Way Plans to be completed by PEF October 2017

Project Manager: Jerry Page, PE (252) 237-6164, jpage@ncdot.gov;

US 70 Improvements near Pine Level, Johnston County, W-5107

Median cross-over closures and upgrades of two intersections to interchanges.

Funding Status:

Fully funded in 2016-2025 STIP

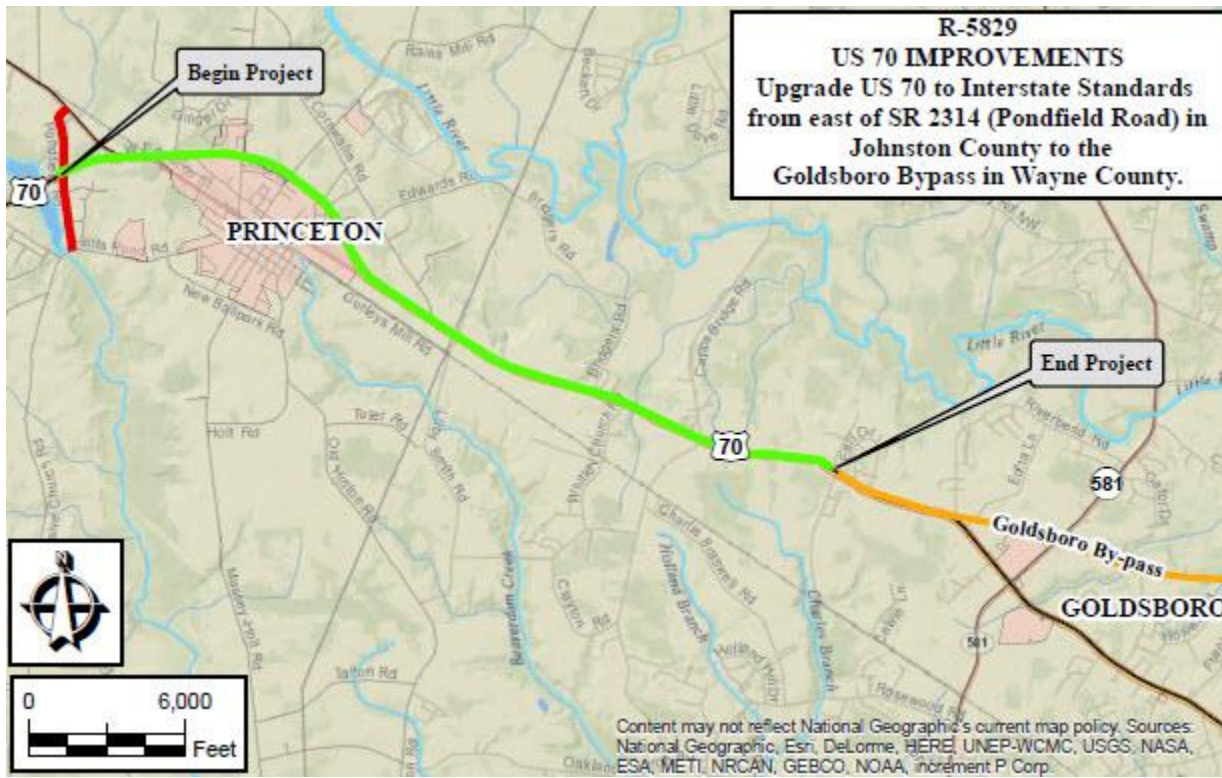
Schedule:

- Categorical Exclusion Document – Approved February 2012
- Construction – Project let to construction February 2015
 - Estimated Completion January 2018

Activities Underway

- Construction is underway (80% complete).
- Paving underway in various areas.
- Installing stone base for asphalt in remaining areas.

Project Manager: Bobby Liverman, PE (252) 459-2129, bliverman@ncdot.gov



US 70 Improvements near Princeton, Johnston and Wayne County, R-5829

Upgrade US 70 to Interstate Standards from east of SR 2314 (Pondfield Road) in Johnston County to the Goldsboro Bypass in Wayne County.

Funding Status:

Programmed for Planning and Environmental Study only in 2016-2025 STIP.

Schedule:

- Project Scoping Meeting – Held June 2017
- State EA/FONSI – May 2019
- Right of Way Acquisition – TBD
- Construction – TBD

Activities Underway

- Finalizing project scope with PEF

Upcoming Actions

- Completion of tasks associated with State EA/FONSI by PEF.

Project Manager: Jerry Page, PE (252) 237-6164, jpage@ncdot.gov



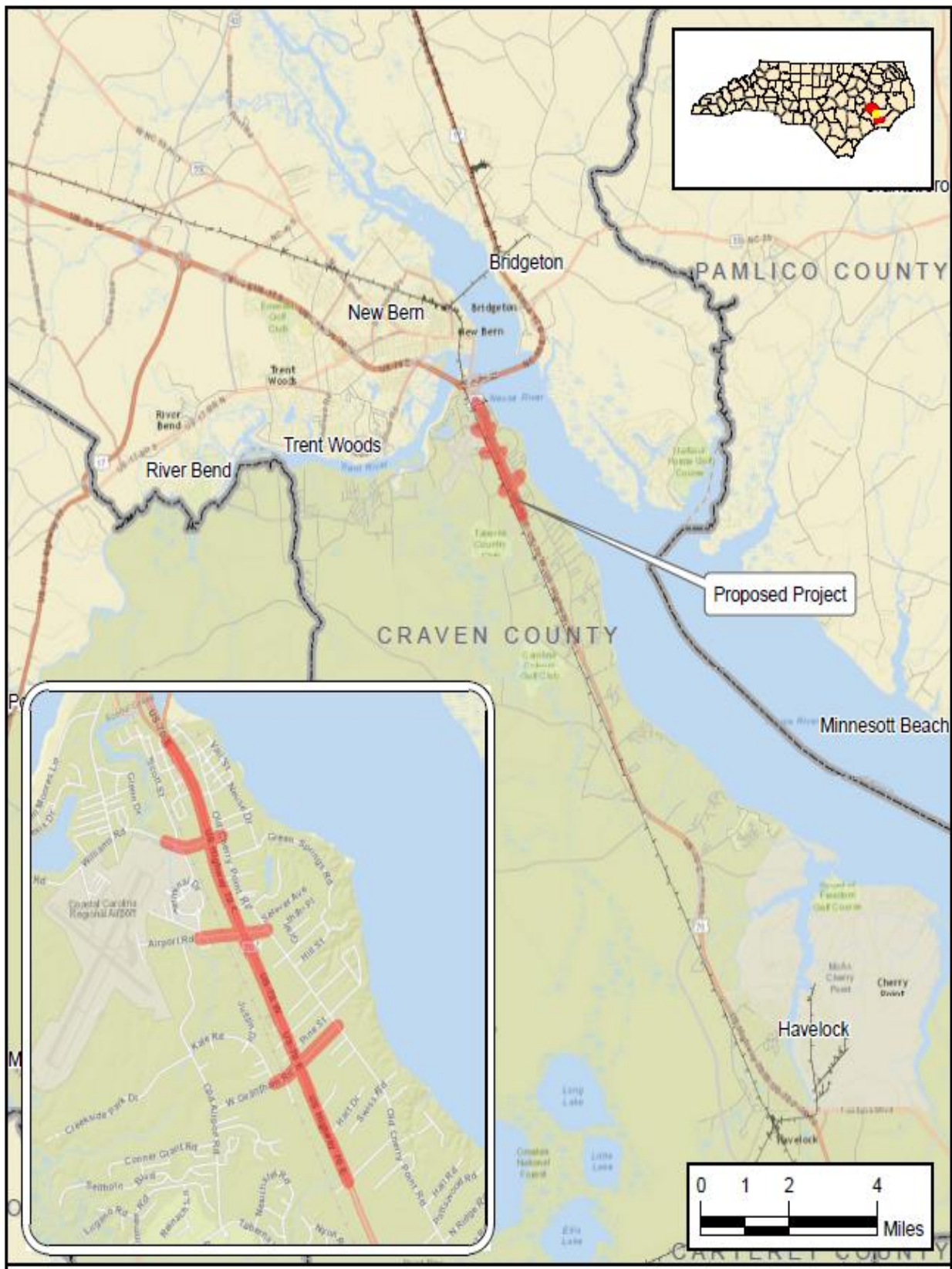
**Interchange at US 70 and Willie Measley Road (Little Baltimore)
R-5813 SR 1227 (JIM SUTTON ROAD)/SR 1252 (WILLIE MEASLEY
ROAD). CONSTRUCT AT GRADE INTERSECTION TO INTERCHANGE**

- STIP: R/W 2023 Construction FY24
- Division 2 to accelerate schedule
- Estimated Cost: \$16 Million

Activities Underway: Assigned for Environmental Studies for State EA/FONSI (AECOM)

Project Owner: John Rouse, P.E., (252) 439-2800, jwrouse@ncdot.gov

Project Manager: Maria Rogerson, P.E., (252) 439-2800, marogerson@ncdot.gov



US 70 Improvements in James City, Craven County, U-5713

US 70 Improvements in James City, Craven County, U-5713

Upgrade US 70 to freeway standards.

Funding Status:

Fully funded in 2016-2025 STIP

Schedule:

- Feasibility Studies prepared – 2010, 2012, 2014
- Type III Categorical Exclusion (CE) – June 2018
- Design/Build Let – FY 2021

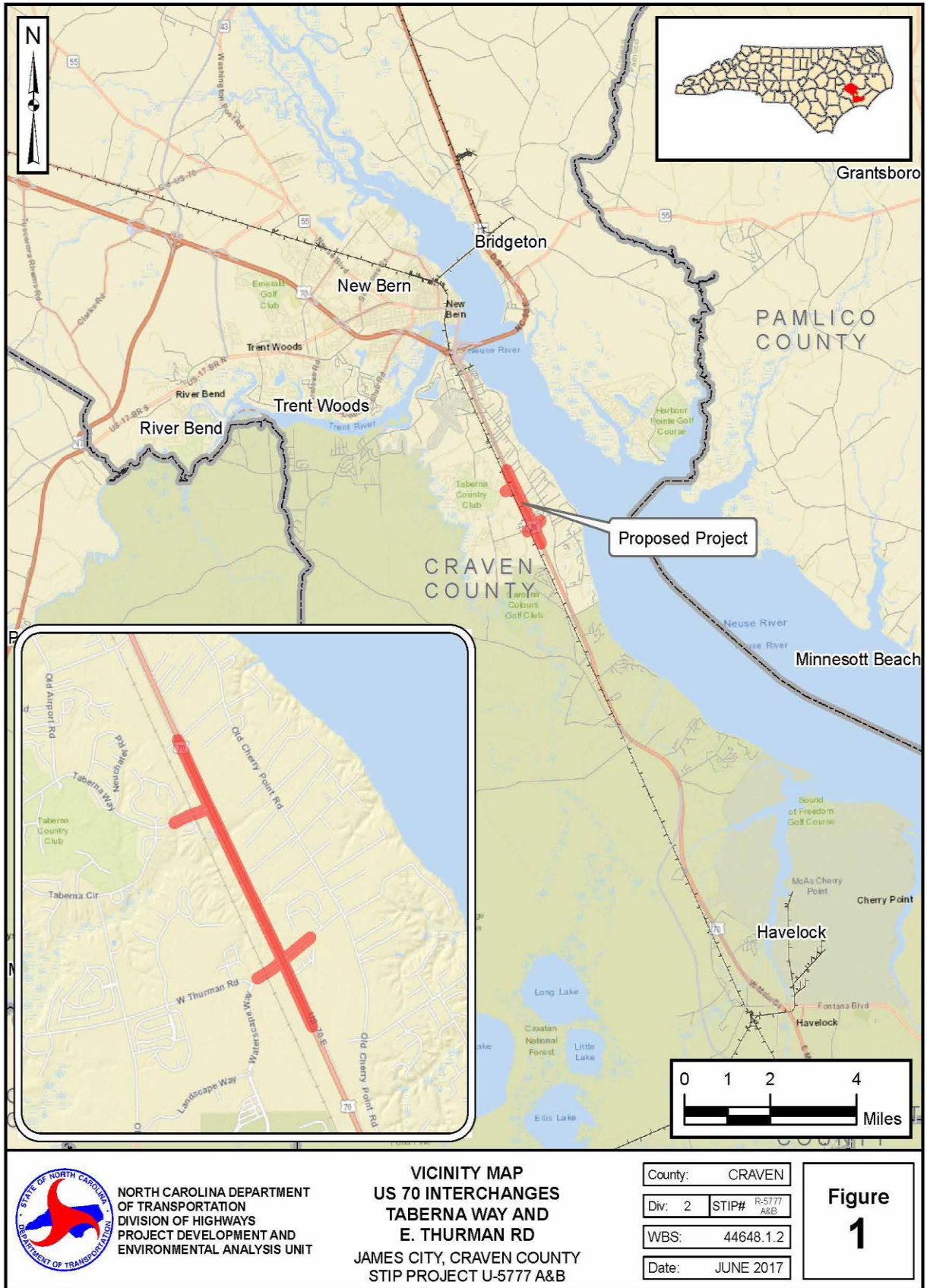
Activities Underway/Completed

- Internal scoping meeting held Jan 28, 2015.
- Individual interviews with citizens and businesses held Aug 2015.
- Focus group meetings held Sep 2015.
- Public meetings (1st round) held Oct 2015.
- NRTR/Wetland Delineations complete Nov 30 2015.
- Traffic Forecast complete Jul 12, 2016
- External Scoping Meeting Sep 2016.
- Merger Screening Meeting held Sep 12, 2016 (exempt from Merger).
- Conceptual Alternatives developed Sep 2016.
- Public meetings (2nd round) held December 5-6 2016 - to show preliminary design concepts.
- Alternative A1 (US 70 over, 3 full interchanges) selected June 2017

Upcoming Actions

- Develop Preliminary Roadway Designs for Alternative A1 – January 2018.
- Section 106 Effects Determination Meeting – January 2018.
- Complete Traffic Noise and Air Quality Analysis Reports – March 2018.
- Updated construction cost, ROW cost, utility cost, and relocation report – May 2018.
- Prepare DRAFT CE – May 2018.
- Sign FINAL CE – June 2018.

Project Manager: John Conforti, REM, (919) 707-6015, jgconforti@ncdot.gov



US 70 – New Interchanges, Craven County, R-5777A&B *

Construct new interchanges at Taberna Way and E. Thurman Road.

Funding Status:

Parts A and B fully funded in 2016-2025 STIP (State funded project)

Schedule:

- Express Feasibility Study – July 2017
- To be included in the U-5713 Type III Categorical Exclusion (CE) – June 2018
- Design/Build Let – FY 2021

Activities Underway/Completed

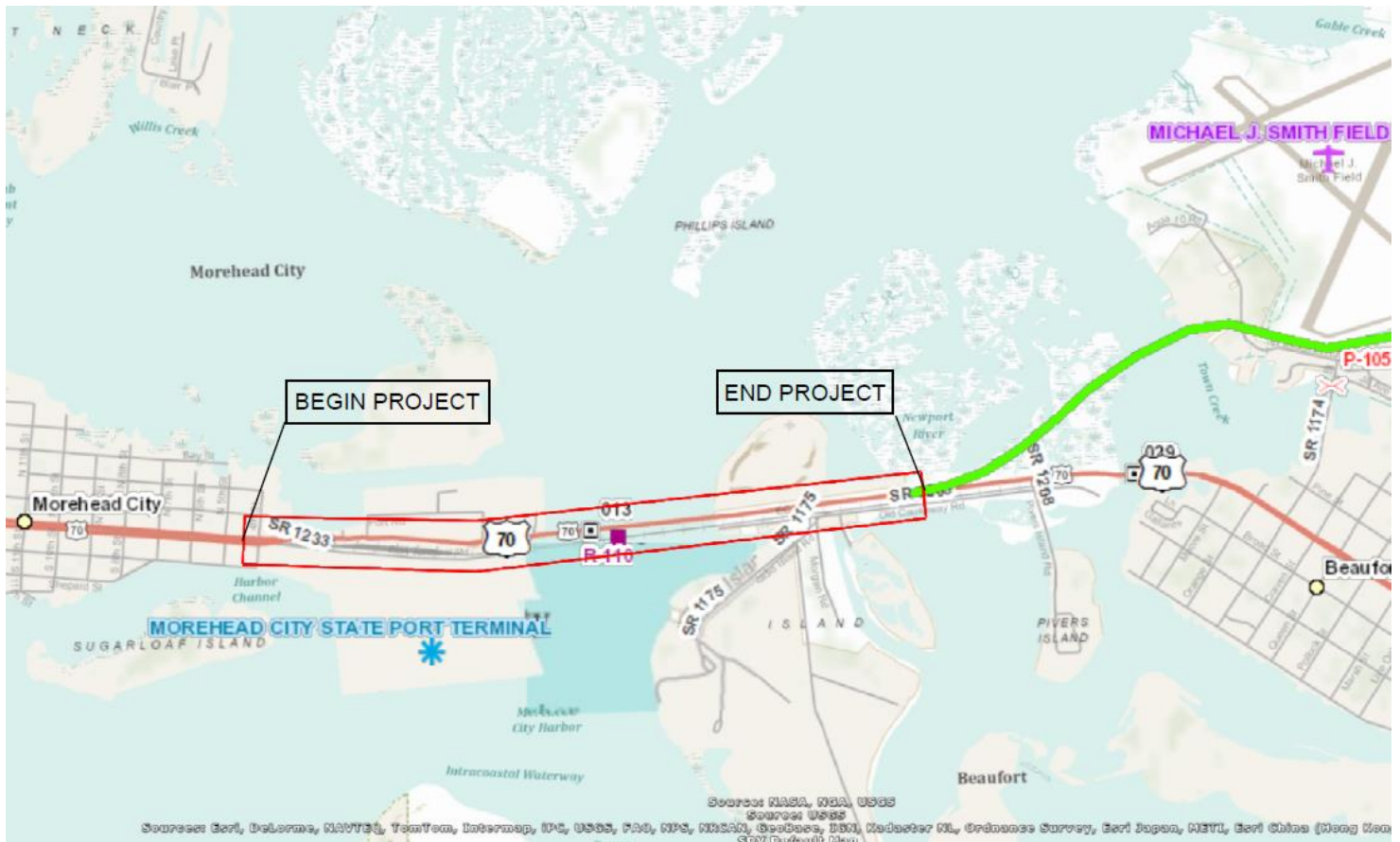
- Project Initiation meeting – April 2017
- Traffic Forecast complete Jul 12, 2016 as part of U-5713
- Internal Project Team discussions and coordination with FHWA – May 2017
- Developing scope and fee for Task Order 1 – Anticipate NTP in July 2017

Upcoming Actions

- NRTR/Wetland delineations complete– October 2017
- External Scoping/Merger Screening Meeting – September 2017
- Cultural Resource surveys complete – October 2017
- Preliminary Hydraulics report complete – October 2017
- Preliminary Designs complete – January 2018
- Section 106 Effects Determination Meeting – January 2018.
- Complete Traffic Noise and Air Quality Analysis Reports as part of U-5713 – March 2018.
- Updated construction cost, ROW cost, utility cost, and relocation report – May 2018.
- Prepare DRAFT CE (includes both U-5713 & R-5777A&B) – May 2018.
- Sign FINAL CE (includes both U-5713 & R-5777A&B) – June 2018.

Project Manager: John Conforti, REM, (919) 707-6015, jgconforti@ncdot.gov

- Remainder of R-5777 from Thurman Road to Havelock Bypass is post-year funding in current STIP



U-5740 (Newport River Bridge) Project Study Area

US 70 Improvements in Morehead City (including the Widening of Newport River Bridge), Carteret County, U-5740/U-5876

Funding Status:

Fully funded in 2016-2025 STIP

Schedule:

- State Environmental Assessment – FY 2020
- State FONSI – FY 2021
- Right of Way Acquisition – SFY 2022
- Construction – SFY 2024

Activities Underway/Completed:

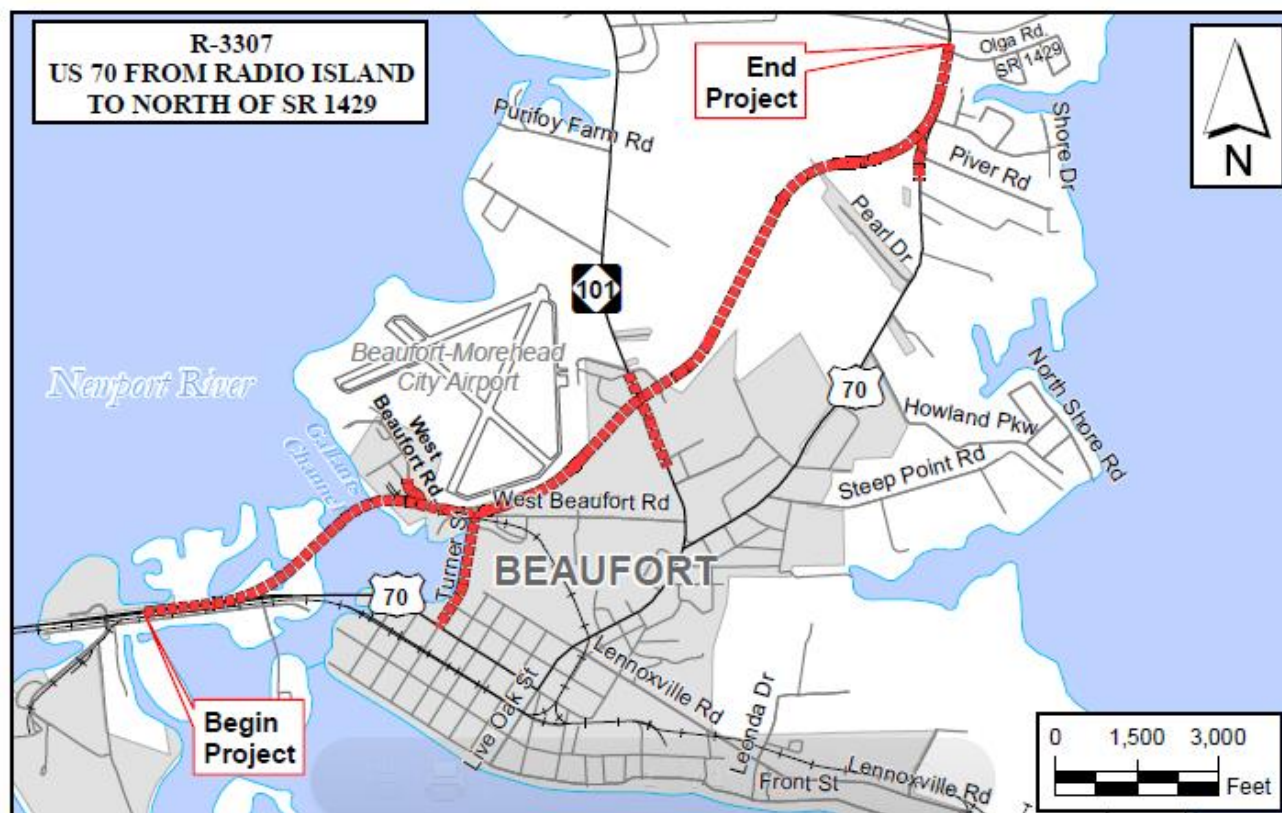
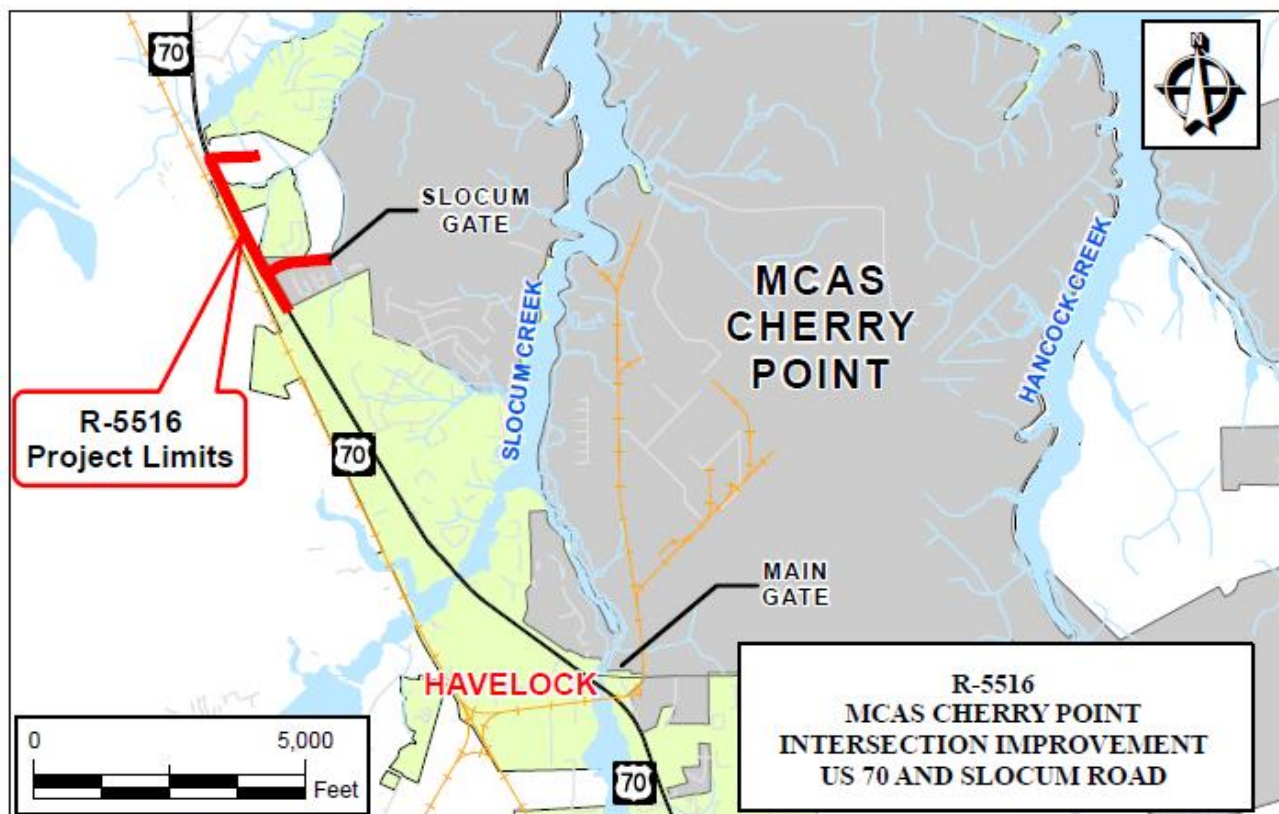
- Project approved through STI P 4.0 process for inclusion in adopted STIP.
- Environmental studies initiated Spring 2017 by private engineering firm (RS&H).
- Decision made to construct project utilizing Division 2 Managed Design Build process.

Upcoming Actions

- Private Engineering firm to be selected as Owner's Representative (Division 2) in Design Build process.

Project Owner: John Rouse, PE (252) 439-2800, jwrouse@ncdot.gov

Project Manager: Hon Yeung, PE (252) 439-2800, hfyung@ncdot.gov



Slocum Gate Improvements (MCAS Cherry Point, Havelock), Craven County, R-5516

Construction of flyover on existing US 70 at Slocum Gate.

Funding Status:

Fully funded in Draft 2016-2025 STIP for ROW and LET.

Schedule:

- Categorical Exclusion – completed December 2013
- Right of Way Acquisition – Complete
- Project Let – June 2017

Activities Underway/Completed

- Categorical Exclusion Environmental Document – approved December 2013
- Project Letting – June 20, 2017
- Utility movement underway

Upcoming Actions

- Construction Contract to be awarded (ST Wooten) – July 2017
- Construction to begin – Fall 2017

Project Managers: Jay McInnis, PE, (919) 707-6029, jmcinnis@ncdot.gov
Gary Lovering, P.E., (919) 707-6271, glovering@ncdot.gov
Brad McMannen, P.E. (252) 514-4759, btmcmannen@ncdot.gov

US 70 Improvements in Beaufort (including Gallants Channel Bridge Replacement), Carteret County, R-3307

Funding Status:

Under construction.

Schedule:

- Environmental Assessment – approved Oct. 2004
- Finding of No Significant Impact – approved Sept. 2006
- Right of Way Acquisition – complete
- Project Let – January 2014
- Estimated completion – Fall 2018

Activities Completed

- Coast Guard Permit approved – December 2013
- Project letting – January 2014
- Project under construction (Conti Enterprise Inc., contractor)

Upcoming Actions

- Deck and rails completed on Gallants Channel Bridge. Expected to open 2-lane traffic on bridge December 2017.
- Turner Street bridge rails under construction.
- Turner Street roadway under construction.

Project Manager: Brad McMannen, PE, (252) 514-4759, bmcmannen@ncdot.gov

Feasibility Studies

Unfunded projects with a study to determine scope and general cost.

COMPLETED:

Kinston

Conversion of existing US 70 intersection at NC 11/55 (Skinners Bypass) to an interchange
Feasibility Study completed March 2010 (US 70 Corridor Commission)

James City to Havelock Bypass

Near term and long term US 70 corridor improvements
Feasibility Study completed January, 2012.

Northern Carteret Bypass, R-4431

New location freeway
Feasibility Study completed September 2, 2009 (Memo Update), July 22, 2009
(Feasibility Study Report).

US 70 from New Bern to Proposed Havelock Bypass

Construct freeway on New Location in Craven County Report complete Oct. 2014.

US 70 from Johnston County Line to Proposed US 70 Goldsboro Bypass, Wayne County

Upgrade to freeway
Feasibility Study completed November, 2015.

US 117 (Future I-795) from US 70 in Goldsboro to I-40, Wayne, Duplin and Sampson Counties

Upgrade to freeway
Report completed July, 2015.

Morehead City to Beaufort

Widening of existing US 70 causeway
Final report completed - February 2016.

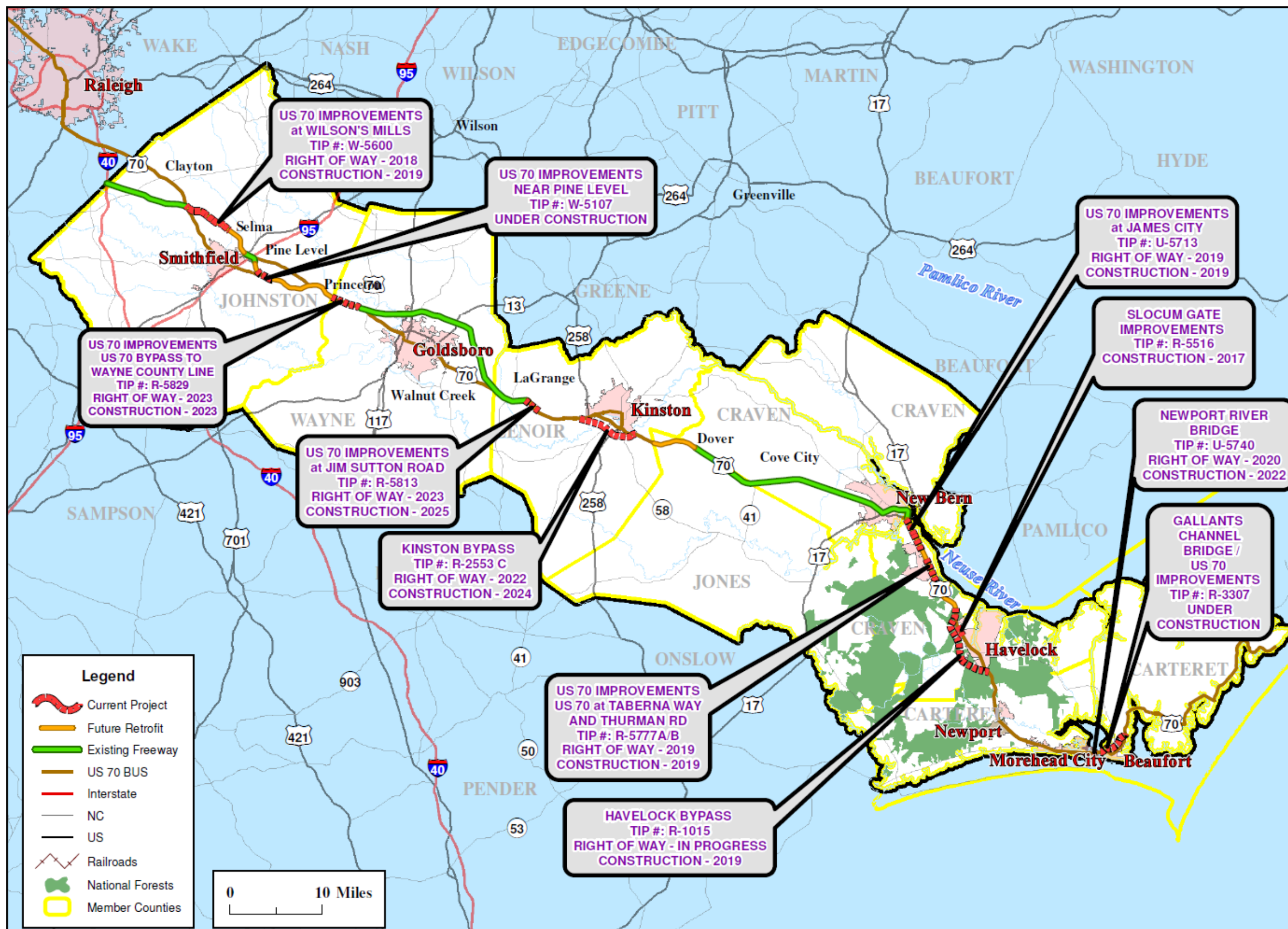
UNDERWAY:

Kinston (Queen Street Interchange)

Conversion of existing US 70 intersection at US 258 (Queen Street) to an interchange
Updated traffic forecast received November 14, 2016. Conceptual designs scheduled for late Summer, 2017. Anticipated Feasibility Study completion – late 2017 or early 2018.

US 70 from Princeton to I-95 in Selma, Johnston County.

Upgrade to Freeway (Interstate Standard).
Consultant firm began work in March, 2016. Conceptual designs underway. Design review meeting anticipated late Summer 2017. Draft Feasibility Study anticipated late 2017. Final Feasibility Study anticipated Spring 2018.



NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROJECT DEVELOPMENT AND
ENVIRONMENTAL ANALYSIS UNIT

US 70 CORRIDOR
NC DOT PROJECT LOCATIONS
WAKE, JOHNSTON, WAYNE, LENOIR,
JONES, CRAVEN, CARTERET COUNTIES



Date:
July 2017

Figure
1