

# NORTH CAROLINA GENERAL ASSEMBLY



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## HOUSE SELECT COMMITTEE ON STRATEGIC TRANSPORTATION PLANNING AND LONG TERM FUNDING SOLUTIONS

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***DRAFT***  
**REPORT TO THE  
2016 SESSION  
of the  
2015 GENERAL ASSEMBLY  
OF NORTH CAROLINA**

**APRIL 4, 2016**

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# TRANSMITTAL LETTER

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April 4, 2016

TO THE MEMBERS OF THE 2016 REGULAR SESSION  
OF THE 2015 GENERAL ASSEMBLY

The House Select Committee on Strategic Transportation Planning and Long Term Funding Solutions respectfully submits the following report to the 2016 Regular Session of the 2015 General Assembly.

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Representative John A. Torbett, Chair

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# COMMITTEE PROCEEDINGS

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The House Select Committee on Strategic Transportation Planning and Long Term Funding Solutions met eight times after the 2015 Regular Session. The following is a brief summary of the Committee's proceedings. Detailed minutes and information from each Committee meeting are available in the Legislative Library, and at the Committee's website: <http://www.ncleg.net/gascripts/DocumentSites/browseDocSite.asp?nID=283>

## **December 15, 2015**

The first meeting of the Committee was held December 15, 2015 at 9:00 a.m. in Room 544 of the Legislative Office Building. The Committee chair led a Committee discussion of the Committee's charge, purpose and future work. The Chair also appointed four Subcommittees: Primary Roads, Rep. Iler, Chair; Secondary Roads, Rep. Tine, Chair; Public Transit/Aviation, Rep. Jeter, Chair; and Ports/Rail, Rep. Shepard, Chair.

## **January 4, 2016**

The second meeting of the Committee was held January 4, 2016 in the Legislative Office Building.

The Subcommittees of the Committee met first.

The Primary System Subcommittee met at 10:00 a.m. in Room 415 of the Legislative Office Building, and heard the following presentations: (1) Primary System Overview, Mike Holder, Chief Engineer, Division of Highways, Department of Transportation; (2) North Carolina Strategic Corridors, Patrick Norman, Branch Manager, Transportation Planning Branch, Department of Transportation; (3) I-95 Overview, Mike Holder, Chief Engineer, Division of Highways, Department of Transportation.

The Ports/Rail Subcommittee met at 10:00 a.m. in Room 414 of the Legislative Office Building, and heard the following presentation: Freight Rail System, Paul Worley, Director, Rail Division, Department of Transportation.

The Secondary System Subcommittee met at 11:00 a.m. in Room 415 of the Legislative Office Building, and heard the following presentations: (1) Secondary System Overview Mike Holder, Chief Engineer, Division of Highways, Department of Transportation; (2) Overview of State-Maintained Unpaved Secondary Roads, Mike Holder, Chief Engineer, Division of Highways, Department of Transportation; (3) Standards for Inclusion in State Highway System, Mike Holder, Chief Engineer, Division of Highways, Department of Transportation; (4) Deficient Bridges on Secondary Roads, Mike Holder, Chief Engineer, Division of Highways, Department of Transportation; (5) Ferry System, Sterling Baker, Department of Transportation; (6) Aid to Municipalities (Powell Bill) Overview, Calvin Leggett, Director, Division of Planning and Programming, Department of Transportation; (7) Bicycle/Pedestrian Overview, Lauren Blackburn, Director, Bicycle and Pedestrian Division, Department of Transportation.

The Public Transit/Aviation Subcommittee met at 11:00 a.m. in Room 414 of the Legislative Office Building and heard the following presentations: (1) Public Transportation Overview, Debra Collins, Director, Public Transportation Division, Department of Transportation; (2) Aviation Overview, Bobby Walston, Aviation Division, Department of Transportation.

The full Committee convened at 1:00 p.m. in Room 544 of the Legislative Office Building, and heard the following presentations: (1) Governor McCrory's 25 Year Vision, Susan Pullium, Director of Customer Service, NC Turnpike Authority Department of Transportation; (2) Strategic Transportation Investments Overview, Calvin Leggett, Director, Division of Planning and Programming, Department of Transportation; (3) Logistics – North Carolina's Transportation Network, Charles HW Edwards, Executive Director, NC Center for Global Logistics; (4) NCSPA Overview, Paul Cozza, Executive Director, North Carolina State Ports Authority; (5) Federal Funding Update, Burt Tasaico, State Program Analysis Engineer, Department of Transportation.

### **January 25, 2016**

The third meeting of the Committee was held January 25, 2016 at 9:00 a.m. at Mattamuskeet Outpost near Swan Quarter, North Carolina. The Committee heard the following presentations: (1) General Aviation Economics & Unmanned Aerial System (UAS) Program, Bobby Walston, Director, Division of Aviation, Department of Transportation; (2) NGAT Program Update and Aviation Outlook, Kyle Snyder, Director, NextGen Air Transportation (NGAT) Center, North Carolina State University; (3) Ferry Division Overview, Sterling Baker, Division Maintenance Engineer, Division 1, Department of Transportation. Following a break for lunch, the Committee made a site visit to the Department of Transportation Swan Quarter ferry terminal, where they toured a ferry vessel, and heard an informal presentation from residents of Ocracoke Island concerning the importance of the ferry system to their community. The Committee proceeded next to a site visit at the Hyde County Airport, and viewed a demonstration of an unmanned aircraft system.

### **February 1, 2016**

The fourth meeting of the Committee was held February 1, 2016 in the Legislative Office Building.

The Subcommittees of the Committee met first.

The Primary System Subcommittee met at 9:00 am in Room 544 of the Legislative Office Building, and heard the following presentations: (1) Overview of Metropolitan Planning Organizations (MPO), Chris Lukasina, Executive Director Capital Area MPO; (2) From Inception to Completion: Steps to Completing a Highway Project, Mike Holder, Chief Engineer, Division of Highways, Department of Transportation.

The Secondary System Subcommittee met at 10:00 am in Room 544 of the Legislative Office Building, and heard the following presentations: (1) Overview of Rural Transportation Planning Organizations (RPO), Janet Robertson, President of NCARPO and Rural Transportation Planner, Lumber River RPO, Lumber River Council of Governments; (2) Ferry Division Capital Needs, Sterling Baker, Division Maintenance Engineer, Highway Division 1, Department of Transportation.



The Public Transit/Aviation Subcommittee met at 11:00 am in Room 544 of the Legislative Office Building, and heard the following presentations: (1) Commercial Aviation Outlook, Michael Landguth, President and Chief Executive Officer, Raleigh-Durham International Airport; (2) General Aviation Outlook, Dan Danieley, Airport Manager, Burlington-Alamance Airport Authority; (3) Governor's Aviation Task Force Update, John Lennon, Chairman, Governor's Aviation Task Force, North Carolina Board of Transportation.

The Ports/Rail Subcommittee met at 12:00 p.m. in Room 544 of the Legislative Office Building, and heard the following presentations: (1) Economic Impact of North Carolina's Supply Chain, Dana Magliola, Supply Chain Scholar, North Carolina State University, and Lindsay Schilleman, Supply Chain Scholar, North Carolina State University (2) Agricultural Export Trends & Opportunities, Rob Hosford, International Marketing Officer, Department of Agriculture and Consumer Services.

The full Committee convened at 2:00 p.m. in Room 544 of the Legislative Office Building, and heard the following presentation: State Transportation Funding Overview, Long Term Forecast compared to Funding Needs, and Funding Options Used by Other States, Burt Tasaico, State Program Analysis Engineer, Department of Transportation, and Patrick Norman, Branch Manager, Transportation Planning Branch, Department of Transportation. Following these presentations, the Committee heard brief comments from members of the public on tolling.

### **February 22, 2016**

The fifth meeting of the Committee was held February 22, 2016 in the Legislative Office Building.

The Subcommittees of the Committee met first.

The combined Primary System and Secondary System Subcommittees met at 9:00 a.m. in Room 544 of the Legislative Office Building. The two Subcommittees heard the following presentations from maintenance and construction industry representatives: (1) Berry Jenkins, Director, NC Government Relations and Highway-Heavy Division, Carolinas Associated General Contractors; (2) Jonathan Bivens, Vice President of Design/Build and Engineering S.T. Wooten Corporation; (3) Ellis Powell, Executive Director, Carolina Asphalt Pavement Association; (4) Jay Stem, Executive Director, North Carolina Aggregates Association; (5) Tom Carroll – Director, Business Development and External Affairs, Mideast Region Vulcan Materials Company, NC Aggregates Association President; (6) Greg Dean, Executive Director, Carolinas Concrete Paving Association.

The Public Transit/Aviation Subcommittee met at 11:00 a.m. in Room 544 of the Legislative Office Building. The Subcommittee heard the following presentations: (1) Planning for Fixed Guideway Projects, Patrick McDonough, Manager of Planning and Transit Oriented Development, GoTriangle (Triangle Transit Authority); (2) Corridor Plan/Project Updates, Jeff Mann, General Manager, GoTriangle (Triangle Transit Authority).

The Ports/Rail Subcommittee met at 12:00 p.m. in Room 544 of the Legislative Office Building. The Subcommittee heard the following presentations: (1) North Carolina Railroad & Economic Development, Franklin Rouse, Jr., Chairman, North Carolina

Railroad Company Board; (2) Shortline/Regional Rail Perspective, Carl Hollowell, Aberdeen & Western Railway Co. Railway Association of North Carolina.

The full Committee convened at 2:00 p.m. in Room 544 of the Legislative Office Building, and heard the following presentations: (1) Jim Smith, Executive Director, American Council of Engineering Companies of North Carolina (ACEC/NC); (2) Bill Hood, Vice President, AMEC-FW President, ACEC/NC; (3) North Carolina's Changing Demographics, Rebecca Tippet, Ph.D., Director, Carolina Demography, UNC Carolina Population Center; (4) 2016 Transportation Debt Affordability Study, Greg Gaskins, Deputy Treasurer, State and Local Government Finance Division, Department of State Treasurer.

### **March 7, 2016**

The sixth meeting of the Committee was held March 7, 2016 in the Legislative Office Building.

The Subcommittees of the Committee met first.

The combined Primary System and Secondary System Subcommittees met at 9:00 a.m. in Room 544 of the Legislative Office Building. The two Subcommittees heard the following presentations: (1) Vision: Modernizing North Carolina's Transportation System, Larry Phillips, Surry County Commissioner, 2nd Vice President, North Carolina Association of County Commissioners, and Erin Wynia, Legislative Counsel North Carolina League of Municipalities; (2) Modernizing DOT through Advances in Innovation and Revenue Enhancements, Jim Trogon, Vice President, Atkins North America, Inc.

The Public Transit/Aviation Subcommittee met at 11:00 a.m. in Room 544 of the Legislative Office Building. The Subcommittee heard the following presentation: CATS Corridor Plans and Project Updates, John Lewis, Chief Executive Officer, Charlotte Area Transit System.

The Ports/Rail Subcommittee met at 12:00 p.m. in Room 544 of the Legislative Office Building. The Subcommittee heard the following presentations: (1) Federal Dredging Funding Outlook, Col. Kevin Landers, Wilmington District, U.S. Army Corp. of Engineers; (2) Wilmington Rail Realignment Options, Laura Padgett, Chair Mayor's (Wilmington) Rail Realignment Task Force.

The full Committee convened at 2:00 p.m. in Room 544 of the Legislative Office Building, and heard the following presentations: (1) Tolling in Other States: Best Practices and Lessons Learned, Kevin Longenbach, Senior Tolls Consultant, Atkins North America, Inc.; (2) Regional Transportation Planning: Business Perspective and Objectives, Joe Milazzo, Executive Director, Regional Transportation Alliance (RTA); (3) Statutory Review of Laws Impacting Privately-Owned and State-Owned Unpaved Roads, Wendy Graf Ray, Committee Counsel, Legislative Analysis Division.

### **March 28, 2016**

The seventh meeting of the Committee was held March 28, 2016 at the North Carolina State Port in Morehead City, North Carolina. Beginning at 10:30 a.m., the Committee toured the Port of Morehead City General Cargo Terminal. The tour was led by Paul Cozza, Chief Executive Officer, North Carolina State Ports Authority and Laura Blair, Senior Director, External Affairs, North Carolina State Ports Authority. After lunch, the Committee reconvened at 1:45 p.m. at the Morehead City Train Depot for a full Committee meeting. The Committee heard the following presentations: (1) NCSPA Infrastructure & Development, Paul Cozza, Chief Executive Officer, North Carolina State Ports Authority; (2) Port of Morehead City Access Improvements, Patrick Flanagan, Transportation Planner, Down East RPO; (3) Ports Modernization: Market Opportunities & Return on Investment, Eddie McFalls, Department Manager, Transportation Planning, AECOM; and (4) NCSPA Impact on Regional Commerce, Ray McKeithan, Manager, Public and Governmental Affairs, PotashCorp (PCS Phosphate).

### **April 4, 2016**

The eighth meeting of the Committee was held April 4, 2016 at 9:00 a.m. in the Legislative Office Building.

Each of the four Subcommittees of the Committee met separately, beginning at 9:00 a.m., in Room 544 of the Legislative Office Building. Each subcommittee reviewed its work to date, and discussed future topics and recommendations to the full Committee. The full Committee convened at 2:00 p.m. in Room 544 of the Legislative Office Building. The Committee\_\_\_\_\_. The Committee approved this report, and adjourned, with plans to reconvene following the 2016 Session of the General Assembly, as authorized by letter of the Speaker of the House of Representatives, dated March 8, 2016, and included in this report in Appendix D.

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## FINDINGS AND RECOMMENDATIONS

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## COMMITTEE MEMBERSHIP

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2015-2016

**Speaker of the House of Representatives**  
**Appointments:**

Representative John A. Torbett, Chair

Representative Frank Iler, Vice Chairman  
Representative Charles Jeter, Vice Chairman  
Representative Phil Shepard, Vice Chairman

Representative Jamie Boles  
Representative John R. Bradford, III  
Representative William Brisson  
Representative Becky Carney  
Representative Debra Conrad  
Representative Nelson Dollar  
Representative Jeffrey Elmore  
Representative John Faircloth  
Representative John Fraley  
Representative Ken Goodman  
Representative George Graham  
Representative Howard Hunter III  
Representative Pat Hurley  
Representative Linda Johnson  
Representative Susan Martin  
Representative Chuck McGrady  
Representative Allen McNeill  
Representative Michele Presnell  
Representative Paul Tine  
Representative Rena Turner



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## COMMITTEE CHARGE/STATUTORY AUTHORITY

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By letter dated December 8, 2015, the Speaker of the House of Representatives established the House Select Committee on Strategic Transportation Planning and Long Term Funding Solutions, and authorized it to report to the 2016 Session of the 2015 General Assembly. *See Supporting Documentation, page 18 of this report.*

The Committee was authorized to study any of the following:

- (1) The I-77 Managed Lanes Project
- (2) Improvements to the I-95 Corridor
- (3) Port Modernization
  - A. Development of Radio Island
  - B. New freight rail access to the Ports of Morehead and Wilmington
  - C. Dredging
  - D. Economic development opportunities
- (4) Technological advancement in infrastructure development and construction
- (5) Autonomous vehicles

By letter dated March 8, 2016, the Speaker of the House of Representatives extended the House Select Committee on Strategic Transportation Planning and Long Term Funding Solutions, with the same charge as set out above. The letter authorizes the Committee to report on or before the convening of the General Assembly in January 2017. *See Supporting Documentation, page 21 of this report.*





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## **SUPPORTING DOCUMENTATION**

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Office of the Speaker  
North Carolina House of Representatives

TIM MOORE  
SPEAKER

**HOUSE SELECT COMMITTEE ON STRATEGIC TRANSPORTATION PLANNING  
AND LONG TERM FUNDING SOLUTIONS  
TO THE HONORABLE MEMBERS OF THE  
NORTH CAROLINA HOUSE OF REPRESENTATIVES**

**Section 1.** The House Select Committee on Strategic Transportation Planning and Long Term Funding Solutions (hereinafter "Committee") is established by the Speaker of the House of Representatives pursuant to G.S. 120-19.6(a1) and Rule 26(a) of the Rules of the House of Representatives of the 2015 General Assembly.

**Section 2.** The Committee consists of twenty members appointed by the Speaker of the House of Representatives. The membership of the Committee shall include legislators as specified below. Members serve at the pleasure of the Speaker of the House of Representatives. The Speaker of the House of Representatives may dissolve the Committee at any time. Vacancies are filled by the Speaker of the House of Representatives. A Chair, Vice Chair, or other member of the Committee continues to serve until a successor is appointed.

Representative John Torbett, Chair
Representative Phil Shepard, Vice Chair
Representative Frank Iler, Vice Chair
Representative Charles Jeter, Vice Chair
Representative Jamie Boles
Representative William Brisson
Representative Becky Carney
Representative Debra Conrad
Representative Josh Dobson
Representative Nelson Dollar

Representative Jeffery Elmore
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Representative Ken Goodman
Representative Howard Hunter III
Representative Pat Hurley
Representative Linda Johnson
Representative Susan Martin
Representative Michele Presnell
Representative Paul Tine
Representative Rena Turner

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**Section 3.** The Committee may study any of the following:

- (1) The I-77 Managed Lanes project
- (2) Improvements to the I-95 corridor
- (3) Port modernization
  - A. Development of Radio Island
  - B. New Freight Rail access to the Ports of Morehead and Wilmington
  - C. Dredging
  - D. Economic Development opportunities
- (4) Technological advancements in infrastructure development and construction
- (5) Autonomous Vehicles

**Section 4.** The Committee shall meet upon the call of the Chair. A quorum of the Committee shall be a majority of its members. No action may be taken except by majority vote at a meeting at which a quorum is present.

**Section 5.** The Committee, while in the discharge of its official duties, may exercise all powers provided for under G.S. 120-19 and Article 5A of Chapter 120 of the General Statutes. The Committee may contract for professional, clerical, or consultant services, as provided by G.S. 120-32.02.

**Section 6.** Members of the Committee shall receive per diem, subsistence, and travel allowance as provided in G.S. 120-3.1

**Section 7.** The expenses of the Committee including per diem, subsistence, travel allowances for Committee members, and contracts for professional or consultant services shall be paid upon the written approval of the Speaker of the House of Representatives pursuant to G.S. 120-32.02(c) and G.S. 120-35 from funds available to the House of Representatives for its operations.

**Section 8.** The Legislative Services Officer shall assign professional and clerical staff to assist the Committee in its work. The Director of Legislative Assistants of the House of Representatives shall assign clerical support staff to the Committee.

**Section 9.** The Committee may meet at various locations around the State in order to promote greater public participation in its deliberations.

**Section 10.** The Committee may submit an interim report on the results of its findings, including any proposed legislation, to the members of the House of Representatives at any time. The Committee may submit a final report on the results of its findings, including any proposed legislation to the members of the House of Representatives prior to the convening of the Short Session of the 2015 General Assembly. Reports shall be submitted by filing a copy of the report with the Office of the Speaker of the House of Representatives, the House principal Clerk, and the Legislative Library. The Committee terminates upon the convening of the Short Session of the 2015 General Assembly or upon the filing of its final report, whichever occurs first.

Effective this the 8<sup>th</sup> day of December 2015.



Tim Moore  
Speaker



Office of the Speaker  
North Carolina House of Representatives

TIM MOORE  
SPEAKER

**HOUSE SELECT COMMITTEE ON STRATEGIC TRANSPORTATION PLANNING  
AND LONG TERM FUNDING SOLUTIONS  
TO THE HONORABLE MEMBERS OF THE  
NORTH CAROLINA HOUSE OF REPRESENTATIVES**

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**Section 3.** The Committee may study any of the following:

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- (2) Improvements to the I-95 corridor
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**Section 4.** The Committee shall meet upon the call of the Chair. A quorum of the Committee shall be a majority of its members. No action may be taken except by majority vote at a meeting at which a quorum is present.

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**Section 7.** The expenses of the Committee including per diem, subsistence, travel allowances for Committee members, and contracts for professional or consultant services shall be paid upon the written approval of the Speaker of the House of Representatives pursuant to G.S. 120-32.02(c) and G.S. 120-35 from funds available to the House of Representatives for its operations.

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Effective this the 8<sup>th</sup> day of MARCH 2016.

A handwritten signature in dark ink, appearing to read "L. M.", is written over a horizontal line.

Tim Moore  
Speaker