

I N D E X

BOARD OF TRANSPORTATION MEETING

March 3-4, 2021

	<u>Page No.</u>
Call to Order	1533
Ethics Statement	1533
Approval – Minutes of the February 3-4, 2021 Board Meeting Minutes	1533
Consideration of Projects	1533
 <u>Delegated Authority Items</u>	
Approval – Award of Highway Construction Contracts from the February 2021 Letting	1544
Approval – Award of Contracts to Private Firms for Engineering Services	1565
Approval – Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund	1568
Approval – Funds for Division-wide Small Construction, Statewide Contingency,	1573
Approval – Funds for Specific Spot Safety Improvement Projects	1594
 <u>Action Items</u>	
Approval – Additions and Abandonments to State Secondary Road System	1569
Approval – Public Transportation Program	1575
Approval – Rail Program	1579
Approval – Bicycle and Pedestrian	1580
Approval – Aviation Program	1581
Approval – North Carolina Highway Trust Funds	1583
Approval – Funds for Specific Federal Aid Projects	1637
Approval – Revisions to 2020-2029 STIP	1660
Approval – Municipal and Special Agreements	1678

Approval – Municipal Street System Changes for Powell Bill Program	1690
Approval – Right of Way Resolutions and Ordinances	1691
Approval - Maintenance Allocations	1700
Approval - Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation	1701
Approval – Encroachment Agreement	1702
Committee Reports	1708
Adjournment	1712

BOARD OF TRANSPORTATION MEETING

March 3-4, 2021

As part of the Act to Provide Aid to North Carolinians In Response to Coronavirus Disease 2019 (COVID-19) Crisis, (S.L. 2020-3, SB 704) the General Assembly enacted modifications to the laws governing public bodies. The provisions are in Section 4.31 of the Act.

The March 3-4, 2021 meeting was held via Microsoft Teams for all members of the Board and therefore, considered a remote meeting. It was held in such way due to the restrictions in place pertaining to the COVID-19 pandemic.

Based on the new law (General Statute §166A-19.24), the meeting followed the parameters set out for remote meetings. Actions executed during the March 3-4, 2021 Board of Transportation meeting included:

- implementing a roll call voting system for all actions
- ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting

All members of the Board were reminded that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record. As always, the meeting was properly noticed, Wednesday, and was provided for members of the public to access the meetings.

Wednesday March 3, 2021

All committee reports are located at the end of this document.

Members of the Advanced Technologies (ATC) Committee attended the meeting beginning at 8:30am. Topics included the NC Transportation Innovation Council and FHWA Innovation Programs. A presentation on advanced technology on the Incident Management Assistance Patrol (IMAP) vehicles. A committee overview is located at the end of this document.

Members of the Road, Bridge and Ferry Naming Committee attended their meeting at 9:45am. Topics included were reviewing of the submitted application for Officer Tyler A. Herndon Highway. A committee overview is located at the end of this document.

Members of the Multi-Modal Committee convened at 10:30am. Topics included Funding items and presentations on The Future of Rail in North Carolina. A committee overview is located at the end of this document.

Members of the Highway Committee convened at 10:30am. Topics included a presentation on the Right of Way (ROW) Residue Property Disposal and the Resiliency Efforts by the Department. A committee overview is located at the end of this document.

Full Board Work Session

Chairman Fox welcomed members to the meeting and thanked members of the Board for being present to handle business brought before them.

Chairman Fox stated we are continuing our remote meetings via Microsoft Teams as we have over the past several months in response to COVID-19. Today we will continue

- implementing a roll call voting system for all actions
- ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting
- reminding members that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record.

Call to Order

Chairman Fox called the meeting of the Board of Transportation to order at 1:01 p.m. on Wednesday, March 3, 2021, with the following members present via conference call: Chairman Fox, Vice-Chair Perkins, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody were present.

Board Member Moran joined the call after the roll call.

Ethics Statement

Chairman Fox read the Ethics Statement advising all members of the Board that may have any conflict of interest, or appearance of conflict, to refrain from participation in that particular item and to file the proper paperwork with the Secretary to the Board of Transportation.

Chairman Fox read, "In accordance with the State Government Ethics Act, Executive Order No. 2 issued on January 12, 2009, and N. C. G. S. §143B-350, it is the duty of every Board member to avoid both conflicts of interest and appearances of conflict. "To comply with this statement and the State Ethics Law, I ask whether any Board member has a known conflict of interest or appearance of conflict with respect to any matters coming before the Board today."

"If so, please identify the conflict or appearance of conflict when the item appears on the agenda for consideration, refrain from any undue participation in the particular matter involved and sign before our notary the Declaration that has been provided to you for such purpose."

The full board attended the work session where Mr. Matthew Wilkerson, Archaeology of the Environmental Analysis Unit provided an Archaeology Unit update to the Board and reviewed the archaeological findings along the Complete 540 project.

Closed Session: Pursuant to General Statute §143-318.11(a)(1)

Chairman Fox called for a motion to move into Closed Session per NC General Statute 143-318.11 to "prevent the disclosure of information that is privileged or confidential pursuant to the law of this State or of the United States, or not considered a public record within the meaning of Chapter 1232 of the General Statutes." as permitted pursuant to subsection (a)(1). The confidential nature of the topic is covered per G.S. 132-6.1(c).

Chairman Fox called the closed session to order.

A general account of the closed session has been recorded separately due to the nature of the topic.

The open session resumed following the closed session.

Chairman Fox noted the meeting was formally back in open session. Chairman Fox stated for the record that no votes were taken in closed session. Chairman Fox continued the meeting agenda in open session.

Chairman Fox shared as a general update to the Board that part of the ethics act, potential conflicts of interest must be disclosed by the Board Chair and included in the Board minutes. He mentioned the Governance office will be adhering to this requirement and will be providing SEI evaluation statements in this month's minutes.

Chairman Fox reminded members of the Finance Committee will begin after the work session at 2:45pm.

Adjournment

There being no further business of the Board, Chairman Fox accepted a motion from Vice Chair Perkins, seconded by Board Member Mathis.

Chairman Fox shared that he will now conduct a roll call vote on the action item under consideration. When I say your name, please say either yes ("aye") to indicate yes or if opposed, please say "no".

Chairman Fox, Vice-Chair Perkins, Moran, Overholt, Mitchell, Mathis, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody all voted yes to adjourn.

Board Members Jordan, Taft, Zimmer, Hunt and Tillman were not present at the time of roll call to adjourn the work session.

The meeting adjourned.

Thursday March 4, 2021 Official Board Meeting

Call to Order

Chairman Fox called the meeting of the Board of Transportation to order at 9:01 a.m. on Thursday, March 4, 2021, with the following members present in the virtual meeting: Chairman Fox, Vice-Chair Perkins, Taft, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody were present.

Board Member Overholt joined the meeting shortly after the call to order.

Board Member Moran was absent.

Ethics Statement

Chairman Fox read the Ethics Statement advising all members of the Board that may have any conflict of interest, or appearance of conflict, to refrain from participation in that particular item and to file the proper paperwork with the Secretary to the Board of Transportation.

Chairman Fox shared "In accordance with the State Government Ethics Act, Executive Order No. 2 issued on January 12, 2009, and N. C. G. S. §143B-350, it is the duty of every Board member to avoid both conflicts of interest and appearances of conflict. "To comply with this statement and the State Ethics Law, I ask whether any Board member has a known conflict of interest or appearance of conflict with respect to any matters coming before the Board today."

"If so, please identify the conflict or appearance of conflict when the item appears on the agenda for consideration, refrain from any undue participation in the particular matter involved and sign before our notary the Declaration that has been provided to you for such purpose."

Approval – February 3-4, 2021 Meeting Minutes

Chairman Fox stated that the meeting minutes were distributed for review prior to the meeting. Chairman Fox stated if there are no additions or corrections, he would accept a motion to approve the February 3-4, 2021 meeting minutes of the Board of Transportation. A motion was made by Board Member McGrady and a second by Board Member Clarke.

Chairman Fox shared that he will now conduct a roll call for the vote on the action item. He explained to members that he will call each board member by name, he stated when you hear your name please respond to the action item up for consideration by saying either yes (or "aye") if you approve or no if you are opposed to the item.

Chairman Fox, Vice-Chair Perkins, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody all stated yes or aye on the motion.

Board Member Moran was absent.

Chairman Fox stated the motion passed.

Secretary Remarks

Secretary Boyette welcomed members of the Board, staff, and those listening to the livestream.

General Update

Secretary Boyette shared details of general updates throughout the department with the Board. He shared the General Assembly Transportation Appropriations Committee began meeting last month. He mentioned both himself and Chief Financial Officer, Stephanie King spoke before the committee. He shared that members were very engaged and is hopeful it continues as the committee meets over the next couple of months.

Secretary Boyette stated his leadership team will participate in a virtual retreat in the coming months. He shared this would be the time for the leadership team to define their goals and priorities and set the pathway forward for the next four years with the department.

Secretary Boyette mentioned the department's cash balance has stabilized and the department will be letting projects open. Once summer arrives the department should have a more thorough understanding of the impact of the projects cost increases and the scope changes it will have on the department's STIP.

Secretary Boyette mentioned based on North Carolina's COVID numbers, the department should be getting much closer to returning to normal and with that normal comes an additional level of security throughout the organization.

Weather Events

Secretary Boyette shared details on the department's winter weather events with the Board. He stated our state has unfortunately experienced a variety of severe weather over the past month, including a devastating tornado on February 15 in Brunswick County. He then shared a video and photos of the storms damage throughout Division 3. Board member Zimmer thanked the Secretary, Ronnie Keeter (Chief Engineer) and Chad Kimes (Division 3 Engineer)

for their leadership in unifying and deploying NCDOT staff to assist the community in their response and ongoing recovery efforts. Chad Kimes took a moment to share with members of the Board his firsthand experience in directing his staff as they collaborated across multiple agencies to respond and assist with the recovery efforts that remain critically important to the community.

Secretary Boyette shared that the department is currently working on the appearance of the roadways. He mentioned the department has heard from members of the Board and citizens throughout the state about the issue with litter. He assured everyone that all are actively addressing the issue. He stated crews are cleaning the roadways across the state, and the department has stepped up its litter prevention messaging. Currently, the department has surpassed the 1 millionth pound of trash collected this year so far. With the help of our partners, we are looking at new ways to stop litter where it starts. Secretary Boyette encouraged everyone to do their part in keeping trash in its place and to get involved in the department's effort to combat this issue by visiting ncdot.gov and type in the search -- litter management.

HBCU/MSI Fellowship Program

Secretary Boyette shared details on the HBCU/MSI Fellowship Program with the Board. He mentioned he was proud to celebrate the first class of the Office of HBCU Outreach's HBCU/MSI Fellows Program. He shared this program offers workplace experience and learning opportunities at NCDOT to recent graduates of North Carolina's historically black colleges or universities minority-serving institutions. The goal is to place participants into full-time employment, and so far, 8 of the 12 members have already moved on from the program to find full-time employment. Secretary Boyette congratulated all the talented individuals who have participated in the program thus far.

Drone Bridge Inspection

Secretary Boyette shared updates on the Drone Bridge Inspection with the Board. He mentioned the Board may recall the Federal Aviation Administration (FAA) granted a waiver last year allowing the department to operate drones beyond visual line of sight while inspecting bridges. This month the Marc Basnight Bridge over Oregon Inlet became the first bridge in the state inspected using a drone as part of the regular biennial inspection process. Inspection crews monitored the live, high-definition video feeds as the drone was flown around the bridge's 10 largest columns, looking for any potential defects. He mentioned this technology will enable NCDOT staff to inspect bridges faster, saving money and reducing the need for lane closures. He shared the drones will not replace traditional, visual inspections in most instances, but they

will be used to supplement traditional inspections and will add great benefit since the drones can fly to places that are difficult to access in a traditional visual inspection.

US 70 Business Bridge

Secretary Boyette shared an update on the US 70 Business Bridge with the Board. He shared Division 4 and the Structures Management Unit collaborated on an emergency repair of the U.S. 70 Business bridge over I-95 in Smithfield. He mentioned there was a hole all the way through the bridge deck and the rebar was exposed. He stated the bridge crews worked long hours over the weekend to make the repair. Secretary Boyette thanked Division 4 and the Structures Management Unit for a job well done.

Department of Health and Human Services (DHHS) Partnership

Secretary Boyette shared updates on the DHHS partnership with the Board. He mentioned last month, he shared information on the partnership with DHHS to distribute about \$2.5 million in Coronavirus Relief Funding to help local transit agencies across the state pay for rides for people who need transportation assistance to receive a COVID-19 vaccine. He shared the department is glad to do our part to help North Carolinians get vaccinated as quickly and easily as possible. He mentioned the department's Integrated Mobility Division is leading this effort in addition to continuing to support our transit partners with all other areas. He shared over 1,000 people have been transported to a vaccine site through this service. He thanked the department's Transit Partners for all they do to help our citizens and residents of our great state and added that Julie White, Deputy Secretary, will be making a presentation to the Board shortly providing more details on the program.

540 Archeology

Secretary Boyette shared that during yesterday's work session, members of the Board received an update and further detail on the Complete 540 Archeology findings. The archeological finds turned up during a survey of the corridor along the Complete 540 project. He shared these discoveries date back thousands of years as members learned yesterday; this confirms the importance of the archeology unit to our line of work.

All-American Road

Secretary Boyette shared updates on the All-American Road with the Board. He mentioned Division 14 Scenic Byways was recently selected to be a nationally recognized route. He shared the Newfound Gap Road Byway in Swain County was recently designated an All-

American Road by the Federal Highway Administration. Kyle Cooper, NC Scenic Byways coordinator, read: "This byway embodies the mountain culture and intrinsic qualities of western Carolina and represents the state very well at a national level." This stretch now joins the Blue Ridge Parkway as the only other All-American Road in NC. Designation also applies to the Tennessee sections of same route.

NC Moves Web Tool

Secretary Boyette shared updates on the NC Moves Web Tool with the Board. Secretary Boyette encouraged everyone to go to the ncmoves.gov website and check out the new web tool that launched after the Board adopted the NC Moves 2050 Plan at last month's meeting. He mentioned the web tool is an interactive way for people to explore the two-year study for this strategic, multimodal transportation plan aimed at planning for our next 30 years.

Product Evaluation Program Awareness

Chairman Fox noted that copies of this month's Product Evaluation Program Awareness update were provided to members of the Board for review and posted on the Board's website.

DELEGATED AUTHORITY ITEMS

Chairman Fox stated that items C, D, E, H, and L are delegated to the Secretary and require no formal action by the Board. There was not an item E on the agenda this month.

Item C: All projects were awarded by the Secretary to the low bidder.

NCDOT/DHHS Partnership on Vaccine Transportation Update from Julie White, Deputy Secretary

Chairman Fox introduced Julie White, Deputy Secretary for Multi-Modal Transportation. Julie shared the NCDOT/DHHS Partnership on Vaccine Transportation update with the Board. An overview of the presentation is located at the end of this document.

ACTION

Highway Maintenance Improvement Program (HMIP)

Chairman Fox stated to members that the Highway Maintenance Improvement Program (HMIP) was provided and presented to the Board for review in last month's work session.

Chairman Fox stated if there are no additions or corrections, that he would accept a motion that the Board adopt the Highway Maintenance Improvement Program (HMIP) as provided. A motion was made by Board Member Tarleton and seconded by Board Member Clarke.

Chairman Fox shared that he will now conduct a roll call for the vote on the action item. He explained to members that he will call each board member by name, he stated when you hear your name please respond to the action item up for consideration by saying either yes (or "aye") if you approve or no if you are opposed to the item.

Chairman Fox, Vice-Chair Perkins, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody all stated yes or aye on the motion.

Board Member Moran was absent.

Chairman Fox stated the motion passed.

Amendment Two: FY21-22 Spend Plan

Chairman Fox stated to members that if there are no additions or corrections, the Chair would accept a motion on Amendment Two: FY21-22 Spend Plan which authorizes NCDOT staff to utilize COVID Relief and to realign the current spending plan for FY21. A motion was made by Board Member Lathrop and seconded by Board Member Clarke.

Chairman Fox shared that he will now conduct a roll call for the vote on the action item. He explained to members that he will call each board member by name, he stated when you hear your name please respond to the action item up for consideration by saying either yes (or "aye") if you approve or no if you are opposed to the item.

Chairman Fox, Vice-Chair Perkins, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody all stated yes or aye on the motion.

Board Member Moran was absent.

Chairman Fox stated the motion passed.

Consideration of Projects

Chairman Fox asked members of the Board to announce any recusals to the action items within the presented project items. Recusals made by members of the Board on project items are noted below.

Chairman Fox invited a motion to approve the project items as presented.

A motion was made by Board Member Clarke and seconded by Board Member Rosenburgh to approve all projects for items G, I, K, M, N, O, R, S and V. (excluding items C, D, E, H, and L as they are delegated authority items and require no formal board action).

Chairman Fox shared that he would conduct a roll call vote for the vote action item under consideration. He stated when I say your name, please say either yes or “aye” to indicate yes or if opposed, please say “no”.

Chairman Fox, Vice-Chair Perkins, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody all stated yes or aye on the motion.

Board Member Moran was absent.

Chairman Fox stated the motion passed.

Board Member Lathrop recused himself from voting on the following projects:

- Item I-1 – Project 22-CT-078; HOKE COUNTY FY22 Community Transportation Admin. Administrative costs related to rural community transportation Services
Application Number: 1000010325
- Item I-1 -- Project 22-XX-078; MOUNTAIN PROJECTS INC FY22 Capital Program 5339 & 5311 Capital Purchase, Propane Bi-Fuel System-. Letter and Logo-2 Replace vehicles (25' Light Transit Vehicle w/wheelchair lift)-1, Minivan/Crossover (Replacement)-1 Application Number: 1000010816
- Item O – Project 80105 9691, The Building Center Durham County; This Project consists of widening Riddle Road (SR 1171) to facilitate improvements at the Developer's industrial site. The Developer is responsible for preparing the plans and obtaining approval from CSX Railroad. The Department will review and approve all plans and environmental documents and assist with railroad coordination as needed. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$50,000.
- Item O– Project 36249.4282 9675, Lennar Carolinas LLC Wake County; This Project consists of a new signal installation at Richardson Road and the Olive Chapel Road Intersection in Apex. The Department will inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is 5,000.
- Item O – Project 36249.4280 9647, Harris Teeter Properties, LLC Orange County; This Project consists of modifying existing traffic signal No. 07-1160 at the intersection of NC 54 and Old Fayetteville Road in Carrboro. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Board Member Zimmer recused himself from voting on the following projects:

- Item M – Project EB-6028, 48749.1.1, TAPDA-0017(184) US 17 Business (Market Street) and 21st Street in Wilmington. \$12,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.
- Item N – Project U-6104, BRUNSWICK; US 17 (SHALLOTTE BYPASS), US 17 BUSINESS SOUTH (MAIN STREET). UPGRADE EXISTING AT GRADE INTERSECTION TO INTERCHANGE. COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.

Ethics Evaluation of SEI documents filed for members Jordan, Zimmer, Taft, Lathrop, and Hunt.

Background - Pursuant to Chapter 138A N.C.G.S. when an actual or potential conflict of interest is cited by the Board under N.C.G.S. § 138A-24(e) with regard to a public servant sitting on a board, the conflict shall be recorded in the minutes of the applicable board and duly brought to the attention of the membership by the board's chair as often as necessary to remind all members of the conflict and to help ensure compliance with the Act. N.C.G.S. § 138A-15(c).

- Ms. Valerie Jordan – The State Ethics Commission did not find an actual conflict of interest, but found the potential for a conflict of interest. The potential conflict identified does not prohibit service on this entity. Ms. Jordan fills the role of a representative of Division 5 on the Board. She owns Hunter J Group LLC and North Carolina real estate which could be involved in right-of-way matters. Therefore, Ms. Jordan has the potential for a conflict of interest and should exercise appropriate caution in the performance of her public duties, should issues involving her real estate holdings come before the Board for official action.
- Mr. Landon Zimmer- The State Ethics Commission did not find an actual conflict of interest, but found the potential for a conflict of interest. The potential conflict identified does not prohibit service on this entity. Mr. Zimmer fills the role of a representative of Transportation Division 3 on the Board. He is in-house counsel for Zimmer Management Company, a real estate development company. He owns financial interests in multiple real estate-related LLCs, including Zimmer Commercial Properties, LLC. In addition, he owns financial interests in numerous publicly owned companies. Therefore, Mr. Zimmer has the potential for a conflict of interest and should exercise appropriate caution in the performance of his public duties, should issues involving his real estate holdings or any entity in which he owns a financial interest come before the Board for official action.
- Mr. Thomas Taft - The State Ethics Commission did not find an actual conflict of interest, but found the potential for a conflict of interest. The potential conflict identified does not prohibit service on this entity. Mr. Taft fills the role of a representative of the 2nd Transportation Division on the Board. He is principal of the real estate development company, Consolidated Management of Greenville, Inc. Mr. Taft also owns financial interests in numerous real estate

properties and companies, including but not limited to, Land – 10th Street Development, LLC, Albemarle Plantation – Taft Family LLC, Charlotte City Center Investors, LLC, East Village Investments, LLC, South Park Shopping Center, LLC and Waterford Place Apartments I, LLC. Therefore, Mr. Taft has the potential for a conflict of interest and should exercise appropriate caution in the performance of his public duties, should issues involving his real estate holdings or any entity in which he or his spouse own a financial interest come before the Board for official action.

- Mr. Anthony Lathrop - The State Ethics Commission did not find an actual conflict of interest, but found the potential for a conflict of interest. The potential conflict identified does not prohibit service on this entity. Mr. Lathrop fills the role of a representative of the 10th Transportation Division. He is an attorney with the law firm of Moore & Van Allen PLLC and owns real estate in North Carolina. Mr. Lathrop serves on the board of directors of the Wildacres Retreat, a conference retreat center. Therefore, Mr. Lathrop has the potential for a conflict of interest and should exercise appropriate caution in the performance of his public duties, should issues involving his real estate holdings, Wildacres Retreat or the business of the law firm of Moore & Van Allen PLLC or their clients come before the Board for official action.
- Mr. Grady Hunt- The State Ethics Commission did not find an actual conflict of interest, but found the potential for a conflict of interest. The potential conflict identified does not prohibit service on this entity. Mr. Hunt fills the role of a representative of the 6th Transportation Division. He is a partner with the law firm of Hunt & Brooks, Attorneys and Counselors at Law, PLLC. He also owns a financial interest in Locklear, Jacobs, Hunt & Brooks, a law firm whose practice includes real estate corporate law. In addition, Mr. Hunt owns a financial interest in Buie Rod & Gun, Inc. and he and his spouse have real estate holdings in North Carolina. Therefore, Mr. Hunt has the potential for a conflict of interest and should exercise appropriate caution in the performance of his public duties, should the business of Hunt & Brooks, Attorneys and Counselors at Law, PLLC, Locklear, Jacobs, Hunt & Brooks, their clients, his real estate holdings or any entity in which he or his spouse own a financial interest come before the Board for official action.

NCDOT Board of Transportation Agenda

ITEM C

February 16, 2021

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award the following highway construction projects.

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00001

* C204593
50198.3.1
STATE FUNDED
PERQUIMANS
R-5740

PROPOSAL LENGTH 4.392 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND CULVERTS.

LOCATION SR-1329 (WOODVILLE RD) FROM SR-1331 (RED BANK RD) TO SR-1300 (NEW HOPE RD).

EST CONST PROGRESS.... FY-2021..25% OF BID
FY-2022..72% OF BID
FY-2023..03% OF BID

RPN 001 3 BIDDER(S) DBE GOAL 11.00 %
ESTIMATE 6,116,419.85

DATE AVAILABLE MAR 29 2021
INTER COMPLETION AUG 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION JAN 28 2023

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	5,078,838.75	-17.0
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	6,063,063.00	-0.9
JSMITH CIVIL LLC PIKEVILLE, NC	6,423,391.00	+5.0

AWARDED

MAY 19, 2020 LETTING

50198.3.1
STATE FUNDED
PERQUIMANS
RPN 001

GRADING, DRAINAGE, PAVING, AND CULVERTS.

DATE AVAILABLE JUN 20 2020
FINAL COMPLETION APR 30 2022

ENGINEER'S ESTIMATE

\$7,970,662.55

	\$ TOTALS	% DIFF
RPC CONTRACTING INC KITTY HAWK, NC	5,218,634.50	-34.5
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	5,556,330.15	-30.3
PLT RBP JV CONSTRUCTION WILSON, NC	6,164,785.98	-22.7
BRANCH CIVIL INC ROANOKE, VA	10,738,850.00	+34.7

FEBRUARY 16, 2021 LETTING

50198.3.1
STATE FUNDED
PERQUIMANS
RPN 001

GRADING, DRAINAGE, PAVING, AND CULVERTS.

DATE AVAILABLE MAR 29 2021
FINAL COMPLETION JAN 28 2023

ENGINEER'S ESTIMATE

\$6,116,419.8

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	5,078,838.75	-17.0
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	6,063,063.00	-0.9
JSMITH CIVIL LLC PIKEVILLE, NC	6,423,391.00	+5.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00002

C204434
33723.3.1
STATE FUNDED
CRAVEN
B-4484

PROPOSAL LENGTH 0.701 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.

LOCATION BRIDGE 138 AND BRIDGE 139 OVER THE NEUSE RIVER ON SR-1470.

EST CONST PROGRESS.... FY-2022..45% OF BID
FY-2023..36% OF BID
FY-2024..19% OF BID

RPN 002 7 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 16,374,609.29

DATE AVAILABLE JUL 07 2021

INTER COMPLETION JUN 15 2024 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION DEC 12 2024

	\$ TOTALS	% DIFF
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	13,849,500.00	-15.4
S T WOOTEN CORPORATION WILSON, NC	14,710,447.48	-10.2
W C ENGLISH INCORPORATED LYNCHBURG, VA	16,188,550.09	-1.1
CATON CONSTRUCTION GROUP, INC. CHARLOTTESVILLE, VA	17,496,605.62	+6.9
CONTI ENTERPRISES INC EDISON, NJ	18,317,442.00	+11.9
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	19,076,950.94	+16.5
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	19,928,189.96	+21.7

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00003

C204449
15BPR.45
STATE FUNDED
PENDER, DUPLIN

PROPOSAL LENGTH 0.084 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION STRUCTURES #300433 OVER I-40 ON NC-903 AND #700219 OVER I-40 ON US-117.

EST CONST PROGRESS.... FY-2021..64% OF BID
FY-2022..36% OF BID

RPN 003 7 BIDDER(S) DBE GOAL 0.00%
ESTIMATE 1,466,097.58

DATE AVAILABLE MAR 29 2021

FINAL COMPLETION OCT 01 2021

	\$ TOTALS	% DIFF
BUCKEYE BRIDGE LLC CANTON, NC	926,425.70	-36.8
LANFORD BROTHERS CO., INC. ROANOKE, VA	997,277.54	-32.0
CLECO CORPORATION ROSEDALE, VA	1,034,238.17	-29.5
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	1,204,334.45	-17.9
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	1,298,447.25	-11.4
COASTAL GUNITE CONSTRUCTION COMPANY CAMBRIDGE, MD	1,460,607.30	-0.4
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	2,693,825.70	+83.7

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00003

C204535
45594.3.1
STATE FUNDED
DUPLIN
B-5639

PROPOSAL LENGTH 0.329 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #36 OVER MAXWELL CREEK ON NC-11 (CLODFELTER RD).

EST CONST PROGRESS.... FY-2021..29% OF BID
FY-2022..71% OF BID

RPN 004 7 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 3,164,036.19

DATE AVAILABLE MAR 29 2021
INTER COMPLETION JUN 15 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION DEC 15 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,975,893.50	-5.9
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	3,195,467.46	+1.0
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JO	3,208,087.40	+1.4
S & C CONSTRUCTION LLC WILMINGTON, NC	3,314,766.73	+4.8
T A LOVING COMPANY GOLDSBORO, NC	3,432,205.00	+8.5
CONTI ENTERPRISES INC EDISON, NJ	3,737,442.00	+18.1
DANE CONSTRUCTION INC MOORESVILLE, NC	3,800,286.08	+20.1

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00003

C204534
55034.3.1
STATE FUNDED
DUPLIN
B-5534

PROPOSAL LENGTH 0.303 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #82 OVER BURNT COAT CREEK ON NC-111.

EST CONST PROGRESS.... FY-2021..30% OF BID
FY-2022..70% OF BID

RPN 005 9 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 2,685,178.98

DATE AVAILABLE MAR 29 2021

INTER COMPLETION MAY 15 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION JAN 10 2023

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,325,825.22	-13.4
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JO	2,472,711.10	-7.9
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	2,477,000.00	-7.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,496,942.00	-7.0
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	2,522,980.94	-6.0
DANE CONSTRUCTION INC MOORESVILLE, NC	2,544,706.29	-5.2
TRADER CONSTRUCTION CO NEW BERN, NC	2,616,509.39	-2.6
T A LOVING COMPANY GOLDSBORO, NC	2,695,370.00	+0.4
CONTI ENTERPRISES INC EDISON, NJ	3,106,442.00	+15.7

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00004

C204489
45617.3.1
2020001
HALIFAX
B-5662

PROPOSAL LENGTH 0.197 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #93 OVER CONOCANNARA SWAMP ON NC-561.

EST CONST PROGRESS.... FY-2021..25% OF BID
FY-2022..70% OF BID
FY-2023..05% OF BID

RPN 006 4 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 2,591,790.10

DATE AVAILABLE MAR 29 2021

INTER COMPLETION SEP 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION FEB 28 2023

	\$ TOTALS	% DIFF
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	2,244,449.40	-13.4
S T WOOTEN CORPORATION WILSON, NC	2,288,091.95	-11.7
T A LOVING COMPANY GOLDSBORO, NC	2,729,900.00	+5.3
DANE CONSTRUCTION INC MOORESVILLE, NC	3,292,625.23	+27.0

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00004

C204517
45626.3.1
STATE FUNDED
EDGECOMBE
B-5671

PROPOSAL LENGTH 0.189 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #87 OVER SWIFT CREEK ON NC-97.

EST CONST PROGRESS.... FY-2021..19% OF BID
FY-2022..81% OF BID

RPN 007 7 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 2,253,150.37

DATE AVAILABLE MAY 01 2021
INTER COMPLETION JUL 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION DEC 28 2022

	\$ TOTALS	% DIFF
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,981,374.80	-12.1
S T WOOTEN CORPORATION WILSON, NC	2,055,805.87	-8.8
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	2,193,000.00	-2.7
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JO	2,323,055.58	+3.1
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,340,432.00	+3.9
T A LOVING COMPANY GOLDSBORO, NC	2,348,717.00	+4.2
DANE CONSTRUCTION INC MOORESVILLE, NC	2,566,237.18	+13.9

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00008

C204606
2021CPT.08.05.10761, 2021CPT.08.05.20761
STATE FUNDED
RANDOLPH

PROPOSAL LENGTH 23.360 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 7 SECTIONS OF US-64 AND 8 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..18% OF BID
FY-2022..79% OF BID
FY-2023..03% OF BID

RPN 009 4 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 4,930,237.92

DATE AVAILABLE MAY 01 2021

FINAL COMPLETION AUG 01 2022

	\$ TOTALS	% DIFF
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	4,452,188.22	-9.7
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,500,542.26	-8.7
SHARPE BROTHERS A DIVISION OF VECELLIO & GROGAN INC GREENSBOR	4,560,175.58	-7.5
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	4,814,216.55	-2.4

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00008

C204601
2021CPT.08.06.10631
STATE FUNDED
MOORE

PROPOSAL LENGTH 2.248 MILES
TYPE OF WORK MILLING AND RESURFACING.
LOCATION 1 SECTION OF US-1.

EST CONST PROGRESS.... FY-2021..50% OF BID
FY-2022..50% OF BID

RPN 010 4 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 1,411,420.22

DATE AVAILABLE MAR 29 2021
FINAL COMPLETION NOV 15 2021

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,169,406.05	-17.1
S T WOOTEN CORPORATION WILSON, NC	1,192,971.60	-15.5
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	1,281,348.43	-9.2
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	1,328,245.05	-5.9

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00008

C204607
2021CPT.08.07.20761
STATE FUNDED
RANDOLPH

PROPOSAL LENGTH 18.914 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 10 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..27% OF BID
FY-2022..73% OF BID

RPN 011 4 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 3,752,518.02

DATE AVAILABLE MAR 29 2021

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	3,157,460.86	-15.9
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,239,485.15	-13.7
SHARPE BROTHERS A DIVISION OF VECELLIO & GROGAN INC GREENSBOR	3,394,402.82	-9.5
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,670,207.11	-2.2

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00008

C204608
2021CPT.08.08.20761
STATE FUNDED
RANDOLPH

PROPOSAL LENGTH 23.105 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 8 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..27% OF BID
FY-2022..73% OF BID

RPN 012 4 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 3,270,730.45

DATE AVAILABLE MAR 29 2021

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,091,982.31	-5.5
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,134,903.15	-4.2
SHARPE BROTHERS A DIVISION OF VECELLIO & GROGAN INC GREENSBOR	3,139,855.56	-4.0
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	3,197,363.81	-2.2

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00009

C204394
49078.3.1
STATE FUNDED
STOKES
BR-0047

PROPOSAL LENGTH 0.299 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #10 OVER US-52 ON SR-1105.

EST CONST PROGRESS.... FY-2021..24% OF BID
FY-2022..72% OF BID
FY-2023..04% OF BID

RPN 014 5 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 6,038,472.19

DATE AVAILABLE MAR 29 2021
INTER COMPLETION AUG 15 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION FEB 11 2023

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	4,728,160.77	-21.7
CATON CONSTRUCTION GROUP, INC. CHARLOTTESVILLE, VA	5,799,943.48	-4.0
DANE CONSTRUCTION INC MOORESVILLE, NC	6,014,272.27	-0.4
CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	6,375,030.14	+5.6
W C ENGLISH INCORPORATED LYNCHBURG, VA	6,522,212.33	+8.0

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00009

C204604
2021CPT.09.02.20291
STATE FUNDED
DAVIDSON

PROPOSAL LENGTH 28.600 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 18 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..15% OF BID
FY-2022..72% OF BID
FY-2023..13% OF BID

RPN 015 4 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 4,880,988.64

DATE AVAILABLE MAY 03 2021
INTER COMPLETION AUG 21 2021 COMPLETE ALL WORK REQUIRED FOR MAP #9
FINAL COMPLETION OCT 28 2022

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	4,150,984.76	-15.0
SHARPE BROTHERS A DIVISION OF VECELLIO & GROGAN INC GREENSBOR	4,503,718.16	-7.7
HANES CONSTRUCTION COMPANY LEXINGTON, NC	5,093,027.99	+4.3
J T RUSSELL & SONS INC ALBEMARLE, NC	5,176,291.94	+6.1

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00011

C204490
45778.3.1
STATE FUNDED
YADKIN, FORSYTH
B-5825

PROPOSAL LENGTH 0.758 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #35 OVER THE YADKIN RIVER ON NC-67.

EST CONST PROGRESS.... FY-2021..12% OF BID
FY-2022..49% OF BID
FY-2023..32% OF BID
FY-2024..07% OF BID

RPN 013 10 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 11,145,966.22

DATE AVAILABLE MAR 29 2021
INTER COMPLETION NOV 15 2023 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAY 13 2024

	\$ TOTALS	% DIFF
SMITH-ROWE, LLC MOUNT AIRY, NC	9,577,828.46	-14.1
W C ENGLISH INCORPORATED LYNCHBURG, VA	11,333,861.55	+1.7
ES WAGNER COMPANY LLC PIEDMONT, SC	11,457,340.65	+2.8
CATON CONSTRUCTION GROUP, INC. CHARLOTTESVILLE, VA	11,935,486.33	+7.1
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	12,286,122.26	+10.2
DANE CONSTRUCTION INC MOORESVILLE, NC	12,623,350.65	+13.3
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	12,624,516.60	+13.3
BRAYMAN CONSTRUCTION CORPORATION SAXONBURG, PA	12,807,140.27	+14.9
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	13,271,753.46	+19.1
VECELLIO & GROGAN INC BECKLEY, WV	13,776,312.76	+23.6

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00013

C204304
15BPR.40
STATE FUNDED
BUNCOMBE

PROPOSAL LENGTH 0.266 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION STRUCTURES #100481 ON SR-2740 OVER I-40, #100495 ON SR-2531 OVER I-40, AND #100705 ON SR-3548 OVER RIVERSIDE DR & NSRR.

EST CONST PROGRESS.... FY-2021..24% OF BID
FY-2022..69% OF BID
FY-2023..07% OF BID

RPN 016 6 BIDDER(S) DBE GOAL 0.00%
ESTIMATE 7,775,426.24

DATE AVAILABLE MAR 29 2021

FINAL COMPLETION SEP 15 2022

	\$ TOTALS	% DIFF
NHM CONSTRUCTORS LLC ASHEVILLE, NC	4,590,414.92	-41.0
BUCKEYE BRIDGE LLC CANTON, NC	4,729,981.31	-39.2
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	5,211,265.76	-33.0
LANFORD BROTHERS CO., INC. ROANOKE, VA	5,484,123.00	-29.5
IPC PAVING LLC HENDERSONVILLE, NC	5,586,811.25	-28.1
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	7,518,384.60	-3.3

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00013

C204386
67009.3.1
STATE FUNDED
BUNCOMBE
BR-0009

PROPOSAL LENGTH 0.118 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #79 OVER BROAD RIVER ON NC-9.

EST CONST PROGRESS.... FY-2021..24% OF BID
FY-2022..76% OF BID

RPN 017 6 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 1,129,970.56

DATE AVAILABLE APR 15 2021

INTER COMPLETION JUN 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION NOV 28 2022

	\$ TOTALS	% DIFF
BUCKEYE BRIDGE LLC CANTON, NC	997,010.13	-11.8
R. E. BURNS & SONS CO., INC. STATESVILLE, NC	1,096,034.71	-3.0
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,185,553.78	+4.9
DANE CONSTRUCTION INC MOORESVILLE, NC	1,198,423.04	+6.1
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	1,344,345.73	+19.0
NHM CONSTRUCTORS LLC ASHEVILLE, NC	1,465,906.69	+29.7

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00014

C204600
2021CPT.14.11.10451
STATE FUNDED
HENDERSON

PROPOSAL LENGTH 5.810 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-25.

EST CONST PROGRESS.... FY-2021..52% OF BID
FY-2022..48% OF BID

RPN 018 2 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 6,441,253.13

DATE AVAILABLE APR 15 2021

FINAL COMPLETION OCT 15 2021

	\$ TOTALS	% DIFF
ROGERS GROUP INC GREER, SC	4,059,703.98	-37.0
APAC ATLANTIC INC DBA HARRISON CONSTRUCTION COMPANY ASHEVILLE,	5,499,332.65	-14.6

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00014

C204605
2021CPT.14.12.10201
STATE FUNDED
CHEROKEE

PROPOSAL LENGTH 8.100 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-19/74.

EST CONST PROGRESS.... FY-2021..20% OF BID
FY-2022..69% OF BID
FY-2023..11% OF BID

RPN 019 1 BIDDER(S) DBE GOAL 4.00 %
ESTIMATE 10,907,755.07

DATE AVAILABLE APR 15 2021

FINAL COMPLETION OCT 15 2022

	\$ TOTALS	% DIFF
APAC ATLANTIC INC DBA HARRISON CONSTRUCTION COMPANY ASHEVILLE,	10,546,245.94	-3.3

ESTIMATE TOTAL	97,125,338.93	
LETTING TOTAL	80,547,064.32	-17.1

AWARDED

**NCDOT MARCH 2021
Board of Transportation Agenda**

According to Executive Order No. 2 and G. S. 143B-350 (g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award contracts to private firms for engineering services.

Professional Services Management

Chief Operating Officer

Chief Engineer

Deputy Chief Engineer

Field Support

Design-Build Unit

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Design-Build On-Call General Engineering Services on an as needed basis for various federal-aid and state funded projects to support the Design-Build Unit. These contracts will expire three (3) years, with two (2) one-year extensions possible, after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE	
Description of Work:	2021 Design-Build On-Call General Engineering Services Consultant LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Divisions

Division 2

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firm to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 2	
Project:	50111.3.1 (U-5713) Craven County; and 44648.3.2 (R-5777A) Craven County; and 44648.3.3 (R-5777B) Craven County
	US 70 from the Neuse River Bridge to SR 1124 (Grantham Road) in Craven County - Design Build (Combined with R-5777A & R-5777B); and US 70 at Taverna Way. Convert At-Grade Intersection to Interchange. (Comb w/R-5777B & U-5713); and US 70 at West Thurman Road/East Thurman Road. Convert At-Grade Intersection to Interchange. (Comb w/R-5777A & U-5713).
Scope of Work:	Construction Engineering & Inspection Services
Estimated Construction Cost:	\$163,500,000.00; and \$50,000,000.00; and \$50,000,000.00
Firm:	Gannett Fleming Inc, Philadelphia, PA
Original Engineering Fee:	\$18,000,000.00
Supplemental Fee:	\$130,000.00
Supplemental Work:	Additional Construction Engineering & Inspection Services (Field Office, etc.)
SPSF Utilization:	0%

Turnpike Authority

Turnpike Authority

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firm to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE	
Description of work:	2018 Financial & Investment Advisory Services LSC
Firm:	PFM Financial Advisors LLC, Philadelphia, PA
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

END of ITEM D.

NCDOT MARCH 2021 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust Funds)

According to G.S. 143B-350(g), the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for Secondary Road Improvement projects

Projects to Establish Funds:

Div / County	SR No. / Road Name	Description	Amount
Div 4 Nash	SR Stone Heritage Rd	Grade, drain, base, and pave Reopen and establish funds 4C.064050	\$60,000.00
Div 6 Harnett	SR 1262 Moccasin Branch Rd	Grade, drain, base, and pave Reopen & establish funds 6C.043124	\$125,000.00
Div 7 Greensboro	SR 2019 Jarrell Road	Grade, drain, base, and pave Increase funds 7C.079242	\$125,000.00
Div 8 Randolph	SR 2883 Sam Leonard Rd	Grade, drain, base, and pave Reopen & establish funds 8C.076163	\$125,000.00
Div 9 Davidson	SR 1852 Dallas St	Grade, drain, base, and pave Reopen & establish funds 9C.029120	\$66,000.00
Div 9 Davidson	SR 1109 Pinecrest Ln	Grade, drain, base, and pave Reopen & establish funds 9C.029121	\$59,000.00
Div 9 Rowan	SR 1349 Turkey Rd	Grade, drain, base, and pave Increase funds 9C.080128	\$28,668.14
Div 13 Rutherford	SR 1395 Boland Dr	Grade, drain, base, and pave Reopen & establish funds 13C.081118	\$125,000.00

Item E Summary:

6	Projects to Establish Funds	\$560,000.00
2	Projects to Increase Funds	\$153,686.14
0	Project to Increase & Close	\$0.00
0	Project Deletions	\$0.00

NCDOT March 4, 2021 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 2				
Craven	52245	0.92	Croatan Crossing Station House Road	01/25/2021
		0.11	Coree Way	
Division 3				
Onslow	52246	0.07	Forest Ridge Joan's Ridge	01/08/2021
Pender	52247		Villages at Olde Point	01/05/2021
		0.40	Waldorf Way	
		0.03	Bramble Drive	
		0.03	Julep Trace	
		0.03	Shandy Way	
		0.20	Collins Way	
		0.04	Milano Court	
		0.07	Kensington Court	
Division 4				
Johnston	52248		Eagles Nest	11/30/2021
		0.43	Soaring Eagle Trail	
		0.13	Golden Eagle Ridge	
		0.14	Eagle Swoop Street	
		0.08	Nesting Place Trail	
		0.04	Eagles Nest Drive	
Johnston	52249	0.20	Jamison Ridge Rickenbacker Drive	11/25/2020
Division 5				
Franklin	52250	0.13	Ray's Creek Catlett Lane	01/21/2021
Franklin	52251		Twin Rock	01/21/2021
		0.08	Twin Rock Court	
		0.04	Skipping Stone Court	
Person	52252		Timberlake Meadows	01/20/2021
		0.38	Extend SR 1781, Andrew Drive	
		0.16	Extend SR 1782, Derwin Drive	
		0.13	Leighann Court	
Wake	52253		Heather Glen	11/04/2020
		0.35	Sky Wave Trail	
		0.08	Red Line Court	
		0.17	Whistling Duck Court	

NCDOT March 4, 2021 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 5 (continued)				
Wake	52254	0.47 0.21 0.03	Hoke Landing Hoke Landing Lane Spring Branch Circle Yankee Street	10/21/2020
Wake	52255	0.16 0.05 0.08 0.11 0.09	Mallard Crossing Extend SR 2995, Ruddy Road Snow Goose Court Canadian Court Whistling Way Baldpate Court	12/08/2020
Division 7				
Orange	52256	0.41	The Orchard Bennett Orchard Trail	12/03/2020
Rockingham	52257	0.29	Lake Forest Scenic Oaks Drive	11/19/2020
Rockingham	52258	0.16 0.25 0.16 0.21	Winsome Forest Scarlet Oak Court Marguerite Trace Still Poplar Place Sugar Maple Trace	09/14/2020
Division 8				
Chatham	52259	0.12 0.29	Fearrington Burke Place Millcreek Circle	01/15/2021
Division 9				
Forsyth	52260	0.11 0.11 0.12 0.10	Robin's Walk Northrop Drive Perrin Court Clebune Meadows Drive Stovall Drive	01/12/2021
Forsyth	52261	0.30 0.20	Shorefair Drive Reynolds Court	11/23/2020
Division 10				
Mecklenburg	52262	0.11 0.07	McKee Ridge Aullcin Court McKee Ridge Drive	10/29/2020

NCDOT March 4, 2021 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 12				
Lincoln	52263	0.30	Covington Extend SR 3021, Legacy Drive	08/16/2019
		0.70	Seagull Drive	
		0.08	Spinner Court	

NCDOT March 4, 2020 Board of Transportation Agenda

Abandonments from the State Highway System:

County	Petition Number	Length Abandoned (Miles)	Description and/or Subdivision	Date of Report
Division 4 Halifax	52264	0.34	SR 1318, Terrapin Road Retain 0.07 miles	10/15/2020
Division 12 Lincoln	52265	0.13	SR 1161, Clarence Beam Road Retain 0.37 miles	07/08/2020
Division 13 Rutherford	52266	0.76	SR 1519, Joe Hamlin Road Retain 0.00 miles	02/04/2021
Division 14 Cherokee	52267	0.09	SR 1686, McCombs Road Retain 0.06 miles	01/12/2021

Summary: **Number of roads petitioned for addition – 52**
 Number of roads petitioned for abandonment - 4

Corrections to the State Highway System:

County	Requested Action
Onslow	Petition 47906 approved on July 13, 2006 incorrectly added SR 2222 Oak Grove Circle for 0.16 miles. This distance should be corrected to 0.24 miles retroactive to July 13, 2006.
Iredell	Petition 52224 approved on January 7, 2021 incorrectly added SR 3322 Rain Shadow Drive for 0.34 miles. This distance should be corrected to 0.35 miles retroactive to January 7, 2021.

NCDOT MARCH 2021 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendation and delegate authority to the Secretary to approve funds for specific Division-wide Small Construction / Statewide Contingency projects.

County	Description	Type	Amount
Div 3 New Hanover	Town of Carolina Beach - WBS 48929.2.1 was established (09/19) for ROW associated with signal installation at US-421 and Hamlet Ave <i>Transfer funds to 48929.1.1 and 48929.3.1</i>	High Impact / Low Cost	(\$2,000.00)
	WBS 48929.1.1 was established (09/19) for PE associated with signal installation at US-421 and Hamlet Ave <i>Transfer funds from 48929.2.1</i>	High Impact / Low Cost	\$1,600.00
	WBS 48929.3.1 was established (09/19) to install a signal at US-421 (Lake Park Blvd) and Hamlet Ave <i>Transfer funds from 48929.2.1</i>	High Impact / Low Cost	\$400.00
		TOTAL	\$0.00
Div 3 New Hanover	Town of Carolina Beach – WBS 48929.3.1 was established (09/19) to install a signal at US-421 (Lake Park Blvd) and Hamlet Ave Increase funds	High Impact / Low Cost	\$8,800.00
		TOTAL	\$8,800.00
Div 4 Johnston	WBS 80073 was established (02/18) for Braswell Rd (SR 2519)/Ormond Rd (SR 2525) at Bakers Chapel Rd (SR 2523) – split existing intersection and realign as offset intersections Increase funds	High Impact / Low Cost	\$38,431.72
		TOTAL	\$38,431.72
Div 4 Johnston	Town of Archer Lodge – WBS 80094 was established (11/18) for roadway and pedestrian improvements to include construction of approximately 1,500 ft of concrete curb & gutter, storm drainage, and sidewalk along SR 1003 (Buffalo Rd) from SR 1702 (Archer Lodge Rd) headed north Increase funds	Small Construction	\$100,000.00
		TOTAL	\$100,000.00
Div 5 Durham	WBS 48937 was established (10/19) to widen NC-54 eastbound from Falconbridge Rd to Farrington Rd to provide a continuous right turn lane from west of Falconbridge Rd to I-40 Increase funds	High Impact / Low Cost	\$3,391.76
		TOTAL	\$3,391.76

NCDOT MARCH 2021 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

County	Description	Type	Amount
Div 14 Henderson	Town of Mills River – WBS 47333 was established (04/17) to improve intersection radii of NC-191 at SR 1331 (Banner Farm Rd) to accommodate WB-50 traffic, construct right turn lane with approximately 150' storage, and relocate District Office drive to remove conflicts with new radii <i>Reduce funds and transfer to 49602</i>	Econ Development	(\$100,000.00)
	Develop plans to extend SR 1970 (Commercial Blvd) to the south and intersect with SR 1803 (Crest Rd); Extension will be 0.35 miles long with two twelve ft lanes WBS 49602 <i>Transfer from 47333</i>	Econ Development	\$100,000.00
		TOTAL	\$0.00

Summary:	Number of Divisions	4
	Number of Projects	8
	Small Construction Commitment	\$100,000.00
	Public Access Commitment	\$0.00
	Contingency Commitment	\$0.00
	Economic Development Commitment	\$0.00
	High Impact/Low Cost Commitment	\$50,623.48
	TOTAL:	\$150,623.48

NCDOT March Board of Transportation Agenda

Public Transportation Program

<u>Division</u>	<u>Project Number</u>	<u>DEMONSTRATION GRANT</u>	<u>Estimated Project Cost</u>
07	22-DG-113	CITY OF HIGH POINT FY22 FURNITURE MARKET- OPERATING In conjunction with the High Point Market Authority, funds will support transportation for the annual Fall and Spring furniture markets in High Point. Disburse up to \$600,000 for each market subject to appropriations by the Legislature. Application Number: 1000010977	\$1,200,000.00 Total \$0.00 Federal \$1,200,000.00 State \$0.00 Local

<u>Division</u>	<u>Project Number</u>	<u>5310</u>	<u>Estimated Project Cost</u>
11	22-MM-031	YADKIN VALLEY ECONOMIC DEVELOPMENT DISTRICT INC FY22 Elderly & Disabled Mobility Mgmt. Mobility Manager for Davie, Stokes, Surry and Yadkin counties enhanced mobility of seniors and individuals with disabilities. Application Number: 1000010406	\$44,681.00 Total \$22,340.00 Federal \$0.00 State \$22,341.00 Local
13	22-ED-068	RUTHERFORD LIFE SERVICES INC FY22 5310 PURCHASE OF SERVICE Purchase of service from for enhanced mobility of seniors and individuals with disabilities Application Number: 1000010458	\$100,000.00 Total \$80,000.00 Federal \$10,000.00 State \$10,000.00 Local

<u>Division</u>	<u>Project Number</u>	<u>5311 – ADMIN</u>	<u>Estimated Project Cost</u>
06	22-CT-053	BLADEN COUNTY FINANCE OFFICE FY22 Community Transportation Admin. Administrative costs related to rural community transportation services Application Number: 1000010523	\$162,337.00 Total \$129,869.00 Federal \$8,116.00 State \$24,352.00 Local
08	22-CT-075	RICHMOND INTERAGENCY TRANSPORTATION, INC. FY22 Community Transportation Admin. Administrative costs related to rural community transportation services Application Number: 1000010321	\$205,108.00 Total \$164,086.00 Federal \$10,255.00 State \$30,767.00 Local
08	22-CT-078	HOKE COUNTY FY22 Community Transportation Admin. Administrative costs related to rural community transportation services Application Number: 1000010325	\$144,465.00 Total \$115,572.00 Federal \$7,223.00 State \$21,670.00 Local

NCDOT March Board of Transportation Agenda

Public Transportation Program

<u>Division</u>	<u>Project Number</u>	<u>COMBINED CAPITAL</u>	<u>Estimated Project Cost</u>
01	22-XX-048	COUNTY OF DARE FY22 Capital Program 5339 & 5311 Capital purchase: (3) Raised Roof Van w/lift Side entry; rear fully automatic interior lift (Replacement), (10) replacement 4-camera system; VIN1FTBW3XM7HKA31344, 1FTDS3EL1EDA38661, 1FTDS3EL3EDA38662 Application Number: 1000010223 <i>Amendment (Approved February 2021 BOT Meeting)</i> <i>(Old Total: \$94,900 - \$75,920 federal / \$9,490 state / \$9,490 local)</i>	\$226,400.00 Total \$181,120.00 Federal \$22,640.00 State \$22,640.00 Local
03	22-XX-085	BRUNSWICK TRANSIT SYSTEM INC FY22 Capital Program 5339 & 5311 Capital Purchase: -One (1) Raised roof van with no lift -One (1) Raised roof van with lift Three (3) backup batteries Application Number: 1000010300	\$126,000.00 Total \$100,800.00 Federal \$12,600.00 State \$12,600.00 Local
06	22-XX-053	BLADEN COUNTY FINANCE OFFICE FY22 Capital Program 5339 & 5311 • Capital purchase: o Two replacement Office PCs Application Number: 1000010524	\$4,000.00 Total \$3,200.00 Federal \$400.00 State \$400.00 Local
08	22-XX-075	RICHMOND INTERAGENCY TRANSPORTATION, INC. FY22 Capital Program 5339 & 5311 Capital Purchase: - three (3) raised roof passenger vans with lifts -three (3) propane conversion kits Application Number: 1000010320	\$215,472.00 Total \$172,377.00 Federal \$21,547.00 State \$21,548.00 Local
08	22-XX-078	HOKE COUNTY FY22 Capital Program 5339 & 5311 Capital Purchase: -Three (3) 25' LTVs with lift -Two 92) 22' LTVs with lift Two (2) bike racks -Two (2) Powerswitch N2000s -Vehicle lettering and logos for five (5) vehicles -Microportable Project/ Laptop -Person Computer System -MS Office XP Professional software Application Number: 1000010350	\$401,454.00 Total \$321,163.00 Federal \$40,145.00 State \$40,146.00 Local
11	22-XX-006	WILKES TRANSPORTATION AUTHORITY FY22 Capital Program 5339 & 5311 (3) Raised roof van w/lift (replacement) (1) Minivan/crossover with ADA (replacement) (4) vehicle lettering and logo Application Number: 1000010713	\$255,500.00 Total \$204,400.00 Federal \$25,550.00 State \$25,550.00 Local
14	22-XX-070	MOUNTAIN PROJECTS INC FY22 Capital Program 5339 & 5311 Capital Purchase, Propane Bi-Fuel System-. Letter and Logo-2 Replace vehicles (25' Light Transit Vehicle w/wheelchair lift)-1, Minivan/Crossover (Replacement)-1 Application Number: 1000010816	\$119,032.00 Total \$95,225.00 Federal \$11,903.00 State \$11,904.00 Local

NCDOT March Board of Transportation Agenda

Public Transportation Program

<u>Division</u>	<u>Project Number</u>	<u>5311 STATE ADMINISTRATION FUNDS</u>	<u>Estimated Project Cost</u>
Statewide	n/a	NCDOT-IMD State Administration – Funds to support the Integrated Mobility Division with providing subrecipient monitoring and oversight and provide technical assistance in the development of projects and plans for small urban and rural areas. (5311 Admin/Operating/Capital & 5311(f))	\$3,854,550.00 Total \$3,854,550.00 Federal \$0.00 State \$0.00 Local
Statewide	n/a	NCDOT-IMD State Administration – Funds to support the Integrated Mobility Division with providing subrecipient monitoring and oversight and provide technical assistance in the development of projects and plans for small urban and rural areas. (5311 Capital - ADTAP)	\$176,400.00 Total \$176,400.00 Federal \$0.00 State \$0.00 Local

NCDOT March Board of Transportation Agenda

Public Transportation Program

Item I - I: Total Projects 15: Total Federal and State Funds \$6,991,481

<u>No of Projects</u>	<u>Program ID</u>	<u>Federal Amount</u>	<u>State Amount</u>	<u>Local Amount</u>	<u>Total Amount</u>
1	P2022_DEMONSTRATION	\$0	\$1,200,000	\$0	\$1,200,000
1	P2022_5310_MOBILITY	\$22,340	\$0	\$22,341	\$44,681
1	P2022_5310_CAPITAL	\$80,000	\$10,000	\$10,000	\$100,000
3	P2022_5311_ADMIN	\$409,527	\$25,594	\$76,789	\$511,910
7	P2022_CAPITAL	\$1,078,285	\$134,785	\$134,788	\$1,347,858
1	P2022_5311_STATE_ADM IN	\$3,854,550	\$0	\$0	\$3,854,550
1	P2022_5310_STATE_ADM IN_ADTAP	\$176,400	\$0	\$0	\$176,400
15	TOTAL	\$5,621,102	\$1,370,379	\$243,918	\$7,235,399

NCDOT March 2021 Board of Transportation Agenda

Rail Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the March 4, 2021, Board of Transportation meeting.

ITEM I - 2 SUMMARY – NO PROJECTS

NCDOT March 2021 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the March 4, 2021, Board of Transportation meeting.	

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT March 2021 Board of Transportation Agenda

Aviation Program

Division Airport County	Project Description	Estimate
Division 1 Elizabeth City Pasquotank County	TAXILANE, APRON, AND HANGAR AREA SITE PREP (CON/CA/RPR) This project will provide a multi-tenant taxilane, apron area, and site preparation for development of a new aviation school facility. (PR#4227)	\$3,100,000 Total \$2,790,000 State \$310,000 Local
Division 1 Tri County @ Henry Joyner Field Hertford County	ALP Update This project will update the Airport Layout Plan based on federal requirements. This document serves as the planning for development over the next 10 to 20 years. This includes state funded local match through the Safety Enhancement Program. (PR#3074)	\$300,000 Total \$300,000 State
Division 4 Wayne Executive Jetport Wayne County	APRON PAVEMENT REHABILITATION This project will rehabilitate the existing aircraft parking apron due to issues with uneven pavement settlement, which create operational and safety issues for the airport. (PR#4251)	\$4,111,111 Total \$3,700,000 State \$411,111 Local
Division 6 Harnett Regional Jetport Harnett County	AIRCRAFT APRON (DESIGN/CON) (amendment) 36244.35.7.1 This will add funds for the construction phase of apron expansion. The apron expansion is needed to provide dedicated parking space for larger aircraft next to the terminal building and to avoid maneuvering conflicts with fueling operations and hangar access. (PR#2190)	\$3,333,333 Total \$3,000,000 State \$333,333 Local
Division 8 Asheboro Regional Airport Randolph County	AIRFIELD LIGHTING REHABILITATION (CON/CA/RPR) This project will replace the existing lighting system that has reached the end of its useful life. (PR#4164)	\$1,200,000 Total \$1,080,000 State \$120,000 Local

NCDOT March 2021 Board of Transportation Agenda

Aviation Program

Division 8 Laurinburg-Maxton Robeson County	APRON REHABILITATION PHASE II (DESIGN/BID)	\$150,000 Total
	This project will design rehabilitation for the aircraft parking area that was identified as failing in the recent pavement condition study. (PR# 3800)	\$135,000 State
		\$15,000 Local
Division 8 Moore County Airport Moore County	RUNWAY, TAXIWAY AND APRON LIGHTS, & AIRFIELD SIGNAGE (amendment) 36244.57.13.1	\$1,850,000 Total
	This project will fund the construction phase to replace outdated airfield lighting and signage systems. Design is complete. (PR#2496)	\$1,665,000 State
		\$185,000 Local
Division 12 Shelby Cleveland County Cleveland County	T-HANGAR AND TAXILANE DEVELOPMENT (amendment) 36244.23.13.2	\$100,000 Total
	This provides additional construction funding to complete aircraft taxilanes in the hangar parking area. Local match is funding 15%. (PR #3630)	\$85,000 State
		\$15,000 Local

ITEM I - 4 SUMMARY – 8 REQUESTS – Total State Aid Cost \$12,755,000

***Costs are estimated. Only eligible costs within the project scope of work will be reimbursed.**

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Onslow/ Jones Cos. Divs. 2/3 R-2514B STATEWIDE	WBS 34442.2.S3 US 17 from South of Belgrade to the north of Maysville. \$7,050,000.00 has previously been approved for right of way. Funds need to be decreased (\$82,479.53). WBS will be closed.	-\$82,479.53
Brunswick Co. Div. 3 R-2633BA(L) STATEWIDE	WBS 34491.3.24 US 17 (Wilmington Bypass) from US 74/76 east of Malmo in Brunswick County to SR 1430 (Cedar Hill Road). \$105,000.00 has previously been approved for landscaping. Additional funds are requested. This is a Strategic Transportation Investments Transition project.	\$71,000.00
Pender/ New Hanover Cos. Div. 3 R-3300B REGIONAL	WBS 40237.1.2 Proposed US 17 Bypass from NC 210 to US 17 north of Hampstead. \$8,111,240.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$2,459,160.00
Rocky Mount/ Nash Co. Div. 4 U-3621A DIVISION	WBS 34964.3.2 SR 1604 (Hunter Hill Road) from SR 1613 (North Winstead Avenue) to SR 1616 (Country Club Road). \$3,800,000.00 has previously been approved for right of way. Funds need to be decreased (\$383,469.81). WBS will be closed.	-\$383,469.81
Rocky Mount/ Nash Co. Div. 4 U-5026 DIVISION	WBS 44033.2.4 I-95 at SR 1770 (Sunset Avenue) in Rocky Mount. Initial funds are requested for utilities.	\$11,000,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rocky Mount/ Nash Co. Div. 4 U-5026 DIVISION	WBS 44033.2.3 I-95 at SR 1770 (Sunset Avenue) in Rocky Mount. \$32,058,000.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$11,000,000.00). Utility funds to be funded on WBS 44033.2.4.	-\$11,000,000.00
Cumberland/ Harnett/ Johnston Cos. Divs. 4/6 I-5986AA STATEWIDE	WBS 47532.3.6 Signal upgrades. \$260,000.00 has previously been approved for construction. Additional funds are requested.	\$300,000.00
Wake Co. Div. 5 R-2635D STATEWIDE	WBS 35520.2.S6 NC 540 (Triangle Expressway) interchange with SR 1153 (Holly Springs-Apex Road). \$3,950,000.00 has previously been approved for full right of way. Funds need to be decreased (\$2,528,246.61). WBS will be closed. This is a Strategic Transportation Investments Transition project.	-\$2,528,246.61
Columbus Co. Div. 6 R-5819A STATEWIDE	WBS 47091.3.2 US 74 / US 76 at SR 1740 (Old Lake Road). Funds are requested for construction. WBS will be re-opened.	\$2,300,000.00
Columbus Co. Div. 6 R-5820 STATEWIDE	WBS 47092.2.1 US 74/US 76 (COMB W/ R-5819) at SR 1735 (Chauncey Town Road). Initial funds are requested for full right of way.	\$681,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Columbus Co. Div. 6 R-5820 STATEWIDE	WBS 47092.2.2 US 74/US 76 (COMB W/ R-5819) at SR 1735 (Chauncey Town Road). Initial funds are requested for utilities.	\$1,425,000.00
Fayetteville/ Cumberland Co. Div. 6 U-2519CB STATEWIDE	WBS 34817.2.8 Fayetteville Outer Loop from south of SR 1400 (Cliffdale Road) to east of SR 1415 (Yadkin Road). \$32,833,896.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$234,261.19). This project has previously been identified as a Trust Funds Urban Loop project. This is a Strategic Transportation Investments Transition project. WBS will be closed.	-\$234,261.19
Harnett Co. Div. 6 R-5705A DIVISION	WBS 46377.2.1 NC 55 from just south of SR 1532 (Oak Grove Church Road) to NC 210. Initial funds are requested for full right of way. This is a Cash Flow project with \$5,917,500.00 in SFY 21 and \$5,917,500.00 in SFY 22.	\$11,835,000.00
Harnett Co. Div. 6 R-5705B REGIONAL	WBS 46377.2.2 NC 55 from NC 210 to SR 4809 (Jicarilla Lane). Initial funds are requested for full right of way. This is a Cash Flow project with \$5,085,571.00 in SFY 21 and \$5,085,571.00 in SFY 22.	\$10,171,142.00
Robeson Co. Div. 6 I-5987A REGIONAL	WBS 47533.2.2 I-95 from south of US 301 to south of NC 20. Initial funds are requested for right of way needed prior to the beginning of full right-of-way.	\$600,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Robeson Co. Div. 6 I-5987B REGIONAL	WBS 47533.2.3 I-95 from south of NC 20 to south of proposed I-295. Initial funds are requested for right of way needed prior to the beginning of full right-of-way.	\$600,000.00
Robeson Co. Div. 6 I-6064AA STATEWIDE/ REGIONAL	WBS 49067.3.5 Signal and signal communication upgrades needed for I-6064. I-95 integrated corridor management project. \$530,000.00 has previously been approved for construction. Additional funds are requested using Statewide (\$169,900.00) and Regional (340,000.00) Tier funding.	\$509,900.00
Guilford Co. Div. 7 R-2413A STATEWIDE	WBS 34429.2.2 Future I-73 from four lanes at SR 2011 (Edgefield Road) to SR 2127 (Brook Bank Road). \$38,311,453.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$2,809,935.88). This is a Strategic Transportation Investments Transition project. This project has previously been identified as a Trust Fund Intrastate System project. WBS will be closed.	-\$2,809,935.88
Guilford/ Rockingham Cos. Div. 7 R-2413C STATEWIDE	WBS 34429.2.4 Future I-73 from Haw River to the existing US 220 / NC 68 intersection (combined with R-2309AB), 4.943 miles. \$16,355,290.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$581,887.64). This project has previously been identified as a Trust Fund Intrastate System project. WBS will be closed.	-\$581,887.64
Orange Co. Div. 7 R-5821B DIVISION	WBS 47093.1.3 NC 54 from SR 1006 (Orange Grove Road) to SR 1107 / SR 1937 (Old Fayetteville Road). \$250,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$87,734.94). WBS will be closed.	-\$87,734.94

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Hoke/ Moore Cos. Div. 8 R-5709 REGIONAL	WBS 50205.2.2 NC 211 from US 15 / US 501 in Aberdeen to East of SR 1244 (West Palmer Street) / SR 1311 (Mockingbird Hill Road) in Raeford. Initial funds are requested for utilities.	\$10,000,000.00
Hoke Co. Div. 8 U-5753 DIVISION	WBS 51078.1.1 SR 1305 (Wayside Road) from Plank Road to US 401. \$890,867.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$500,000.00
Montgomery Co. Div. 8 R-2527 REGIONAL	WBS 35572.2.3 NC 24 - 27 from NC 73 to the Troy Bypass. Initial funds are requested for utilities.	\$1,600,000.00
Forsyth Co. Div. 9 AV-5832 DIVISION	WBS 47185.1.1 Smith Reynolds Airport (INT). Construct new Taxilane. \$250,100.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$305,000.00
Anson Co. Div. 10 R-5878 REGIONAL	WBS 48407.1.1 Wadesboro Bypass - new route from Anson County from US 74 West of Wadesboro to US 74 East of Wadesboro. Initial funds are requested for preliminary engineering.	\$250,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 HL-0022 BONUS ALLOCATION	WBS 49488.1.1 US 521 from Providence Road West to Ballantyne Commons Parkway. Initial funds are requested for preliminary engineering.	\$270,000.00
Mecklenburg Co. Div. 10 HL-0024 BONUS ALLOCATION	WBS 49490.1.1 SR 3468 (Weddington Road) at SR 3440 (McKee Road) intersection. Initial funds are requested for preliminary engineering.	\$1,211,000.00
Mecklenburg Co. Div. 10 HL-0025 BONUS ALLOCATION	WBS 49491.1.1 Greylock Ridge Road from East John Street to East Charles Street. Initial funds are requested for preliminary engineering.	\$716,000.00
Mecklenburg Co. Div. 10 I-5770 STATEWIDE	WBS 53012.1.1 I-85 from south of SR 1601 (Moore's Chapel Road) at MM 28.36 to 0.1 mile north of SR 5901. \$480,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$282,534.26). WBS will be closed.	-\$282,534.26
Stanly Co. Div. 10 R-2530B REGIONAL	WBS 34446.3.4 NC 24 - 27 from Bird Road in Albemarle to west of the Pee Dee River. \$70,164,391.00 has previously been approved for construction. Strategic Transportation Investments funds need to be increased by \$4,420,583.00 to reflect the low bid received. This project has previously been identified as a Trust Fund Intrastate System project. This is a BUILD NC BOND project.	\$4,420,583.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Ashe Co. Div. 11 R-2915E DIVISION	WBS 34518.3.8 US 221 from US 221 Bypass to US 221 Business/NC 88 in Jefferson. \$35,700,000.00 has previously been approved for construction. Strategic Transportation Investments funds need to be decreased (\$4,179,025.00) to reflect the low bid received. This is a BUILD NC BOND project.	-\$4,179,025.00
Gaston Co. Div. 12 U-6038 DIVISION	WBS 46974.3.1 US 74 (Wilkinson Boulevard) from NC 7 (Catawba Street) to SR 2209 (Wesleyan Drive) \$675,000.00 has previously been approved for construction. Strategic Transportation Investments funds need to be increased by \$221,795.00 to reflect the low bid received. This is a BUILD NC BOND project.	\$221,795.00
Iredell Co. Div. 12 I-5772 STATEWIDE	WBS 53013.1.1 I-40 from 1.4 miles east of I-77 to SR 2167 (Ward Road). \$10,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$9,882.59). Project is deleted. WBS will be closed.	-\$9,882.59
Buncombe Co. Div. 13 U-6230 DIVISION	WBS 48926.3.1 Construct access road for Haakon Industries in Enka Commerce Park. Initial funds are requested for construction.	\$1,300,000.00
Madison Co. Div. 13 R-2518A STATEWIDE	WBS 34445.2.2 US 19 from I-26 in Madison County to .8 kilometer east of the Yancey County Line. \$25,362,486.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$1,313,468.44). This project has previously been identified as a Trust Fund Intrastate System project. WBS will be closed.	-\$1,313,468.44

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
McDowell Co. Div. 13 U-5818 DIVISION	WBS 44390.3.1 SR 1001 (Sugar Hill Road) from I-40 westbound ramps to 0.3 mile west of I-40 eastbound ramps. \$13,329,895.00 has previously been approved for construction. Strategic Transportation Investments funds need to be increased by \$882,198.00 to reflect the low bid received. This is a BUILD NC BOND project.	\$882,198.00
Rutherford Co. Div. 13 R-2233AA STATEWIDE	WBS 34400.2.2 US 221 from South Carolina State line to south of Floyd's creek. \$11,566,406.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$1,194,596.02). This project has previously been identified as a Trust Fund Intrastate System project. WBS will be closed.	-\$1,194,596.02
Cherokee Co. Div. 14 R-5735 DIVISION	WBS 50193.3.1 US 19 / US 74 / US 64 / US 129 from the end of 4-lane divided section to US 19 Business (Hiwassee Street). \$21,402,540.00 has previously been approved for construction. Strategic Transportation Investments funds need to be increased by \$4,694,182.00 to reflect the low bid received. This is a BUILD NC BOND project.	\$4,694,182.00
Henderson Co. Div. 14 R-5207B DIVISION	WBS 45393.2.3 SR 1006 from Henderson County bridge 20 (B-3622) to SR 1539 (Jackson Road). \$2,000,000.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$249,490.02). WBS will be closed.	-\$249,490.02
Polk Co. Div. 14 R-5756 DIVISION	WBS 46441.2.1 Realignment of SR 1326 (Pea Ridge Road) and John Sheehan Road and construction of a roundabout at the intersection with US 74. \$100,000.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$95,763.36). WBS will be closed.	-\$95,763.36

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide R-9999WM STATEWIDE	WBS 34634.4.2 Improvements to NCDOT'S wetland prediction model for Neuse 0202 Basin. \$11,000,000.00 has previously been approved for wetland mitigation. Funds need to be decreased (\$10,178,911.55). WBS will be closed.	-\$10,178,911.55
Statewide R-9999WM STATEWIDE	WBS 34634.4.3 Mitigation for Yadkin 01. \$26,000,000.00 has previously been approved to purchase private mitigation bank credits. Funds need to be decreased (\$14,591,866.07). WBS will be closed.	-\$14,591,866.07
Statewide R-9999WM STATEWIDE/ REGIONAL/ DIVISION	WBS 34634.4.9 Mitigation for Cape Fear 0005. \$10,167,998.00 has previously been approved to purchase private mitigation bank credits. Funds need to be decreased (\$7,998,665.16). WBS will be closed.	-\$7,998,665.16
Statewide R-9999WM STATEWIDE/ REGIONAL/ DIVISION	WBS 34634.4.8 Mitigation for Watauga 0103. \$6,471,648.00 has previously been approved to purchase private mitigation bank credits. Funds need to be decreased (\$6,210,604.02). WBS will be closed.	-\$6,210,604.02
Statewide R-9999WM STATEWIDE	WBS 34634.4.1 Improvements to NCDOT'S wetland prediction model for Neuse 0201 Basin. \$26,790,000.00 has previously been approved for wetland mitigation. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. WBS will be closed.	\$1,765,856.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide R-9999WM STATEWIDE	WBS 34634.4.4 Mitigation for Cape Fear 02 \$10,000,000.00 has previously been approved to purchase private mitigation bank credits. Funds need to be decreased (\$2,745,406.08). WBS will be closed.	-\$2,745,406.08
Statewide R-9999WM STATEWIDE	WBS 34634.4.5 Mitigation for French Broad 0105. \$10,000,000.00 has previously been approved to purchase private mitigation bank credits. Funds need to be decreased (\$7,265,946.01). WBS will be closed.	-\$7,265,946.01
Statewide R-9999WM STATEWIDE	WBS 34634.4.6 Mitigation for Little Tenn 0204. \$2,511,600.00 has previously been approved to purchase private mitigation bank credits. Funds need to be decreased (\$1,344,471.05). WBS will be closed.	-\$1,344,471.05
Statewide R-9999WM STATEWIDE/ REGIONAL/ DIVISION	WBS 34634.4.7 Mitigation for Pasquotank 0205. \$14,318,118.00 has previously been approved to purchase private mitigation bank credits. Funds need to be decreased (\$14,318,118.00). WBS will be closed.	-\$14,318,118.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	20 PROJECTS	-\$38,621,036.92
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	8 PROJECTS	\$30,100,885.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	14 PROJECTS	\$14,742,691.87
STATEWIDE/REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$509,900.00
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	3 PROJECTS	-\$28,527,387.18
BONUS ALLOCATION	3 PROJECTS	\$2,197,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	49 PROJECTS	-\$19,597,947.23

NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Gates Co. Div. 1 SS-6001O	WBS 49497.1.1 US 158 at SR 1002 (Acorn Hill Road/Folly Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation with flashers and sight distance improvements. File 01-20-62445C	\$4,500.00
Gates Co. Div. 1 SS-6001O	WBS 49497.3.1 US 158 at SR 1002 (Acorn Hill Road/Folly Road). Initial Spot Safety construction funds are needed for All Way Stop installation with flashers and sight distance improvements. File 01-20-62445C	\$54,900.00
Gates Co. Div. 1 SS-6001P	WBS 49498.3.1 SR 1308 (Drum Hill Road) at SR 1304 (Willeyton Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 01-20-62607C	\$26,100.00
Gates Co. Div. 1 SS-6001P	WBS 49498.1.1 SR 1308 (Drum Hill Road) at SR 1304 (Willeyton Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 01-20-62607P	\$2,700.00
New Bern/ Craven Co. Div. 2 SS-6002X	WBS 49513.3.1 SR 1309 (Glenburnie Road) at US 70 Westbound Ramps, US 70 Eastbound Ramps, College Court/McCarthy Boulevard, Greenbrier Parkway/Cardinal Road, and Yarmouth Road. Initial Spot Safety construction funds are needed for traffic signal revisions. File 02-20-61388C	\$67,500.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Bern/ Craven Co. Div. 2 SS-6002X	WBS 49513.1.1 SR 1309 (Glenburnie Road) at US 70 Westbound Ramps, US 70 Eastbound Ramps, College Court/McCarthy Boulevard, Greenbrier Parkway/Cardinal Road, and Yarmouth Road. Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 02-20-61388P	\$9,900.00
Greene Co. Div. 2 SS-6002AD	WBS 49505.1.1 NC 91 at SR 1312 (Meadow Road)/SR 1239 (Fire Tower Road). NC 91 at SR 1225 (Speights Bridge Road)/SR 1303 (Fieldsboro Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installations. File 02-20-62356P	\$1,800.00
Greene Co. Div. 2 SS-6002AD	WBS 49505.3.1 NC 91 at SR 1312 (Meadow Road)/SR 1239 (Fire Tower Road). NC 91 at SR 1225 (Speights Bridge Road)/SR 1303 (Fieldsboro Road). Initial Spot Safety construction funds are needed for All Way Stop installations. File 02-20-62356C	\$18,000.00
Lenoir Co. Div. 2 SS-6002AA	WBS 49499.1.1 SR 1001 (Pauls Path Road) at SR 1544 (Falling Creek Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-62589P	\$900.00
Lenoir Co. Div. 2 SS-6002AA	WBS 49499.3.1 SR 1001 (Pauls Path Road) at SR 1544 (Falling Creek Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-62589C	\$9,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lenoir Co. Div. 2 SS-6002AC	WBS 49504.1.1 SR 1732 (Wallace Family Road) at SR 1742 (Tilghman Mill Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-62425P	\$900.00
Lenoir Co. Div. 2 SS-6002AC	WBS 49504.3.1 SR 1732 (Wallace Family Road) at SR 1742 (Tilghman Mill Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-62425C	\$10,800.00
Lenoir Co. Div. 2 SS-6002S	WBS 49508.3.1 SR 1110 (HC Turner Road) at SR 1111 (Old Pink Hill Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-62426C	\$9,000.00
Lenoir Co. Div. 2 SS-6002S	WBS 49508.1.1 SR 1110 (HC Turner Road) at SR 1111 (Old Pink Hill Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-62426P	\$900.00
Lenoir Co. Div. 2 SS-6002T	WBS 49509.3.1 NC 55 at NC 903. Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-62591C	\$25,200.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lenoir Co. Div. 2 SS-6002T	WBS 49509.1.1 NC 55 at NC 903. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-62591P	\$3,600.00
Lenoir Co. Div. 2 SS-6002U	WBS 49510.3.1 SR 1543 (Fred Everett Road) at SR 1544 (Falling Creek Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-62427C	\$9,000.00
Lenoir Co. Div. 2 SS-6002U	WBS 49510.1.1 SR 1543 (Fred Everett Road) at SR 1544 (Falling Creek Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-62427P	\$900.00
Pitt Co. Div. 2 SS-6002AB	WBS 49503.1.1 SR 1124 (Speight Seed Farm Road) at SR 1125 (Pocosin Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-62349P	\$900.00
Pitt Co. Div. 2 SS-6002AB	WBS 49503.3.1 SR 1124 (Speight Seed Farm Road) at SR 1125 (Pocosin Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-62349C	\$9,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 SS-6002AE	WBS 49506.1.1 NC 102 at SR 1723 (Ayden Golf Club Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-62352P	\$2,700.00
Pitt Co. Div. 2 SS-6002AE	WBS 49506.3.1 NC 102 at SR 1723 (Ayden Golf Club Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-62352C	\$24,300.00
Pitt Co. Div. 2 SS-6002AF	WBS 49507.3.1 SR 1727 (Eastern Pines Road) at SR 1728 (LT Hardee Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-62353C	\$9,000.00
Pitt Co. Div. 2 SS-6002AF	WBS 49507.1.1 SR 1727 (Eastern Pines Road) at SR 1728 (LT Hardee Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-62353P	\$900.00
Pitt Co. Div. 2 SS-6002V	WBS 49511.1.1 SR 1200 (Stantonsburg Road) at SR 1221 (Wesley Church Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-62350P	\$1,800.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 SS-6002V	WBS 49511.3.1 SR 1200 (Stantonsburg Road) at SR 1221 (Wesley Church Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-62350C	\$18,000.00
Ayden/ Pitt Co. Div. 2 SS-6002W	WBS 49512.3.1 NC 102 (3rd Street) at the Ayden Head Start, 190 feet west of Laurinburg Road. Initial Spot Safety construction funds are needed for pedestrian refuge island and crosswalk installation. File 02-20-59907C	\$31,500.00
Ayden/ Pitt Co. Div. 2 SS-6002W	WBS 49512.1.1 NC 102 (3rd Street) at the Ayden Head Start, 190 feet west of Laurinburg Road. Initial Spot Safety preliminary engineering funds are needed for pedestrian refuge island and crosswalk installation. File 02-20-59907P	\$2,700.00
Pitt Co. Div. 2 SS-6002Y	WBS 49514.3.1 SR 1755 (Blackjack-Simpson Road) at SR 1774 (Mills Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 02-20-61736C	\$9,000.00
Pitt Co. Div. 2 SS-6002Y	WBS 49514.1.1 SR 1755 (Blackjack-Simpson Road) at SR 1774 (Mills Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 02-20-61736P	\$900.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 SS-6002Z	WBS 49515.2.1 NC 903 at SR 1125 (Pocosin Road) and SR 2106 (Red Forbes Road). Initial Spot Safety right of way and utilities funds are needed for intersection realignment and All Way Stop installation. File 02-20-61737R	\$4,500.00
Pitt Co. Div. 2 SS-6002Z	WBS 49515.3.1 NC 903 at SR 1125 (Pocosin Road) and SR 2106 (Red Forbes Road). Initial Spot Safety construction funds are needed for intersection realignment and All Way Stop installation. File 02-20-61737C	\$113,400.00
Pitt Co. Div. 2 SS-6002Z	WBS 49515.1.1 NC 903 at SR 1125 (Pocosin Road) and SR 2106 (Red Forbes Road). Initial Spot Safety preliminary engineering funds are needed for intersection realignment and All Way Stop installation. File 02-20-61737P	\$22,500.00
Brunswick Co. Div. 3 SS-6003AF	WBS 49520.1.1 US 17 (Ocean Highway) at US 17 Business (Main Street)/SR 1316 (Old Shalotte Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal and pavement marking revisions. File 03-20-61757P	\$8,100.00
Brunswick Co. Div. 3 SS-6003AF	WBS 49520.3.1 US 17 (Ocean Highway) at US 17 Business (Main Street)/SR 1316 (Old Shalotte Road). Initial Spot Safety construction funds are needed for traffic signal and pavement marking revisions. File 03-20-61757C	\$29,700.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Brunswick Co. Div. 3 SS-6003AG	WBS 49521.3.1 NC 906 (Midway Road) in the vicinity of SR 1501 (Gilbert Road). Initial Spot Safety construction funds are needed for sign and pavement marking revisions. File 03-20-59790C	\$3,600.00
Brunswick Co. Div. 3 SS-6003AG	WBS 49521.1.1 NC 906 (Midway Road) in the vicinity of SR 1501 (Gilbert Road). Initial Spot Safety preliminary engineering funds are needed for sign and pavement marking revisions. File 03-20-59790P	\$900.00
Brunswick Co. Div. 3 SS-6003AJ	WBS 49524.1.1 SR 1119 (Stanley Road) and SR 1125 (Cedar Grove Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 03-20-61963P	\$3,600.00
Brunswick Co. Div. 3 SS-6003AJ	WBS 49524.3.1 SR 1119 (Stanley Road) and SR 1125 (Cedar Grove Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 03-20-61963C	\$34,200.00
Duplin Co. Div. 3 SS-6003AB	WBS 49516.3.1 SR 1300 (Wards Bridge Road) and SR 1301(Bowdens Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 03-20-60486C	\$18,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Duplin Co. Div. 3 SS-6003AB	WBS 49516.1.1 SR 1300 (Wards Bridge Road) and SR 1301(Bowdens Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 03-20-60486P	\$2,700.00
Duplin Co. Div. 3 SS-6003AC	WBS 49517.3.1 I-40 Eastbound Off Ramps at NC 24/903 near Magnolia. Initial Spot Safety construction funds are needed for island construction and sign and pavement marking revisions. File 03-19-58983C	\$64,800.00
Duplin Co. Div. 3 SS-6003AC	WBS 49517.1.1 I-40 Eastbound Off Ramps at NC 24/903 near Magnolia. Initial Spot Safety preliminary engineering funds are needed for island construction and sign and pavement marking revisions. File 03-19-58983P	\$8,100.00
New Hanover Co. Div. 3 SS-6003AD	WBS 49518.1.1 US 421/US 17 Business (3rd Street) at US 17 southbound Couplet/US 76 westbound Couplet (Wooster Street). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 03-20-61138P	\$7,200.00
New Hanover Co. Div. 3 SS-6003AD	WBS 49518.3.1 US 421/US 17 Business (3rd Street) at US 17 southbound Couplet/US 76 westbound Couplet (Wooster Street). Initial Spot Safety construction funds are needed for traffic signal revisions. File 03-20-61138C	\$22,500.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover Co. Div. 3 SS-6003AI	WBS 49523.1.1 US 421 at SR 1187 (Sanders Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal and pavement marking revisions. File 03-20-62267P	\$15,300.00
New Hanover Co. Div. 3 SS-6003AI	WBS 49523.3.1 US 421 at SR 1187 (Sanders Road). Initial Spot Safety construction funds are needed for traffic signal and pavement marking revisions. File 03-20-62267C	\$59,400.00
Onslow Co. Div. 3 SS-6003AH	WBS 49522.1.1 SR 1406 (Piney Green Road) and SR 1403/1703 (Country Club Drive). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 03-20-62040P	\$4,500.00
Onslow Co. Div. 3 SS-6003AH	WBS 49522.3.1 SR 1406 (Piney Green Road) and SR 1403/1703 (Country Club Drive). Initial Spot Safety construction funds are needed for traffic signal revisions. File 03-20-62040C	\$18,000.00
Sampson Co. Div. 3 SS-6003AE	WBS 49519.3.1 SR 1214 (Boykin Bridge Rd/Elizabeth Street) at SR 1222 (Beulah Road). Initial Spot Safety construction funds are needed for All Way Stop installation and sign and pavement marking revisions. File 03-20-61408C	\$23,400.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Sampson Co. Div. 3 SS-6003AE	WBS 49519.1.1 SR 1214 (Boykin Bridge Rd/Elizabeth Street) at SR 1222 (Beulah Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation and sign and pavement marking revisions. File 03-20-61408P	\$6,300.00
Edgecombe Co. Div. 4 SS-6004AK	WBS 49536.3.1 NC 43 at SR 1003 (Davistown-Mercer Road). NC 43 at SR 1130 (Jenkins Farm Road). Initial Spot Safety construction funds are needed for All Way Stop installations. File 04-20-61406C	\$76,500.00
Edgecombe Co. Div. 4 SS-6004AK	WBS 49536.1.1 NC 43 at SR 1003 (Davistown-Mercer Road). NC 43 at SR 1130 (Jenkins Farm Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installations. File 04-20-61406P	\$4,500.00
Halifax Co. Div. 4 SS-6004AB	WBS 49526.3.1 NC 903 at SR 1600 (Aurelian Springs Road). Initial Spot Safety construction funds are needed for pavement marking revisions. File 04-20-62438C	\$2,700.00
Halifax Co. Div. 4 SS-6004AB	WBS 49526.1.1 NC 903 at SR 1600 (Aurelian Springs Road). Initial Spot Safety preliminary engineering funds are needed for pavement marking revisions. File 04-20-62438P	\$900.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 SS-6004AG	WBS 49531.1.1 SR 1002 (Rains Mill Road) at SR 2371 (Old Cornwallis Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 04-20-62429P	\$1,800.00
Johnston Co. Div. 4 SS-6004AG	WBS 49531.3.1 SR 1002 (Rains Mill Road) at SR 2371 (Old Cornwallis Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 04-20-62429C	\$20,700.00
Johnston Co. Div. 4 SS-6004AH	WBS 49532.1.1 US 701 at SR 1179 (Stewart Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 04-20-62430P	\$1,800.00
Johnston Co. Div. 4 SS-6004AH	WBS 49532.3.1 US 701 at SR 1179 (Stewart Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 04-20-62430C	\$36,000.00
Johnston Co. Div. 4 SS-6004AJ	WBS 49535.3.1 NC 50 at SR 1005 (Woods Crossroads Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 04-20-62432C	\$36,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 SS-6004AJ	WBS 49535.1.1 NC 50 at SR 1005 (Woods Crossroads Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 04-20-62432P	\$1,800.00
Johnston Co. Div. 4 SS-6004AM	WBS 49538.3.1 SR 1531 (Jackson-King Road) at SR 1533 (Mount Pleasant Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 04-20-61647C	\$22,500.00
Johnston Co. Div. 4 SS-6004AM	WBS 49538.1.1 SR 1531 (Jackson-King Road) at SR 1533 (Mount Pleasant Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 04-20-61647P	\$1,800.00
Johnston Co. Div. 4 SS-6004AN	WBS 49539.1.1 NC 39 at SR 1938 (Brown's Pond Road/Little Devine Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 04-20-61644P	\$1,800.00
Johnston Co. Div. 4 SS-6004AN	WBS 49539.3.1 NC 39 at SR 1938 (Brown's Pond Road/Little Devine Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 04-20-61644C	\$36,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 SS-6004AO	WBS 49540.3.1 NC 39 at NC 231. Initial Spot Safety construction funds are needed for All Way Stop installation with upgraded flashers. File 04-20-61645C	\$36,000.00
Johnston Co. Div. 4 SS-6004AO	WBS 49540.1.1 NC 39 at NC 231. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation with upgraded flashers. File 04-20-61645P	\$1,800.00
Johnston Co. Div. 4 SS-6004AP	WBS 49597.1.1 SR 1341 (Galilee Road) at SR 1343 (Packing Plant Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 04-20-62588P	\$900.00
Johnston Co. Div. 4 SS-6004AP	WBS 49597.3.1 SR 1341 (Galilee Road) at SR 1343 (Packing Plant Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 04-20-62588C	\$21,600.00
Wayne Co. Div. 4 SS-6004AA	WBS 49525.3.1 US 70 from 750 feet west of SR 1237 (Community Drive)/SR 1381 (Aulander Road) to 1600 feet west of SR 1237/1381. Initial Spot Safety construction funds are needed for rumble strips installation. File 04-20-61960C	\$13,500.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 SS-6004AA	WBS 49525.1.1 US 70 from 750 feet west of SR 1237 (Community Drive)/SR 1381 (Aulander Road) to 1600 feet west of SR 1237/1381. Initial Spot Safety preliminary engineering funds are needed for rumble strips installation. File 04-20-61960P	\$900.00
Wayne Co. Div. 4 SS-6004AC	WBS 49527.3.1 NC 55 at SR 1948 (Camp Jubilee Road). Initial Spot Safety construction funds are needed for All Way Stop installation with upgraded flashers. File 04-20-61693C	\$36,000.00
Wayne Co. Div. 4 SS-6004AC	WBS 49527.1.1 NC 55 at SR 1948 (Camp Jubilee Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation with upgraded flashers. File 04-20-61693P	\$1,800.00
Wayne Co. Div. 4 SS-6004AE	WBS 49529.1.1 US 13 at SR 1130 (Durham Lake Road/Woodland Church Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 04-20-62422P	\$1,800.00
Wayne Co. Div. 4 SS-6004AE	WBS 49529.3.1 US 13 at SR 1130 (Durham Lake Road/Woodland Church Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 04-20-62422C	\$40,500.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 SS-6004AF	WBS 49530.3.1 SR 1002 (Pikeville-Princeton Road) at SR 1324 (Nor-Am Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 04-20-62423C	\$20,700.00
Wayne Co. Div. 4 SS-6004AF	WBS 49530.1.1 SR 1002 (Pikeville-Princeton Road) at SR 1324 (Nor-Am Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 04-20-62423P	\$1,800.00
Wayne Co. Div. 4 SS-6004AI	WBS 49534.3.1 NC 55 at SR 1937 (Kelly Springs Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 04-20-62431C	\$36,000.00
Wayne Co. Div. 4 SS-6004AI	WBS 49534.1.1 NC 55 at SR 1937 (Kelly Springs Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 04-20-62431P	\$1,800.00
Wayne Co. Div. 4 SS-6004AL	WBS 49537.3.1 SR 2050 (Slick Rock Road) between SR 1912 (Gertrude Grady Road) and SR 1051 (Rock Road). Initial Spot Safety construction funds are needed for warning and speed limit sign installations. File 04-20-62600C	\$4,500.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wayne Co. Div. 4 SS-6004AL	WBS 49537.1.1 SR 2050 (Slick Rock Road) between SR 1912 (Gertrude Grady Road) and SR 1051 (Rock Road). Initial Spot Safety preliminary engineering funds are needed for warning and speed limit sign installations. File 04-20-62600P	\$900.00
Wilson Co. Div. 4 SS-6004AD	WBS 49528.1.1 US 301 South 650 feet north of culvert #71 at Cattail Swamp. Initial Spot Safety preliminary engineering funds are needed for drainage improvements. File 04-20-62617P	\$900.00
Wilson Co. Div. 4 SS-6004AD	WBS 49528.3.1 US 301 South 650 feet north of culvert #71 at Cattail Swamp. Initial Spot Safety construction funds are needed for drainage improvements. File 04-20-62617C	\$9,900.00
Durham Co. Div. 5 SS-4905FJ	WBS 47925.3.1 SR 1121 (Cornwallis Road) at SR 1954 (Northeast Creek Parkway). \$74,768.99 in Spot Safety construction funds has previously been approved for traffic signal revisions. Additional funds are needed due to an increase in construction costs. File 05-18-51210-1	\$70,000.00
Durham/ Durham Co. Div. 5 SS-6005V	WBS 49545.3.1 US 501 Business (Roxboro Street) at Fairfield Street. Initial Spot Safety construction funds are needed for traffic signal installation. File 05-16-3664C	\$42,300.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Durham/ Durham Co. Div. 5 SS-6005V	WBS 49545.1.1 US 501 Business (Roxboro Street) at Fairfield Street. Initial Spot Safety preliminary engineering funds are needed for traffic signal installation. File 05-16-3664P	\$5,400.00
Durham/ Durham Co. Div. 5 SS-6005V	WBS 49545.2.1 US 501 Business (Roxboro Street) at Fairfield Street. Initial Spot Safety right of way and utilities funds are needed for traffic signal installation. File 05-16-3664R	\$9,000.00
Raleigh/ Wake Co. Div. 5 SS-6005R	WBS 49541.2.1 SR 1321 (Avent Ferry Road) north of Brigadoon Drive and north of Centennial View Lane. Initial Spot Safety right of way and utilities funds are needed for two High-Intensity Activated Crosswalk pedestrian beacons. File 05-20-62121R	\$1,800.00
Raleigh/ Wake Co. Div. 5 SS-6005R	WBS 49541.3.1 SR 1321 (Avent Ferry Road) north of Brigadoon Drive and north of Centennial View Lane. Initial Spot Safety construction funds are needed for two High-Intensity Activated Crosswalk pedestrian beacons. File 05-20-62121C	\$145,800.00
Raleigh/ Wake Co. Div. 5 SS-6005R	WBS 49541.1.1 SR 1321 (Avent Ferry Road) north of Brigadoon Drive and north of Centennial View Lane. Initial Spot Safety preliminary engineering funds are needed for two High-Intensity Activated Crosswalk pedestrian beacons. File 05-20-62121P	\$9,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Raleigh/ Wake Co. Div. 5 SS-6005S	WBS 49542.3.1 US 70 (Glenwood Avenue) at Hollyridge Drive. Initial Spot Safety construction funds are needed for traffic signal revisions. File 05-18-51356C	\$72,900.00
Raleigh/ Wake Co. Div. 5 SS-6005S	WBS 49542.1.1 US 70 (Glenwood Avenue) at Hollyridge Drive. Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 05-18-51356P	\$4,500.00
Raleigh/ Wake Co. Div. 5 SS-6005S	WBS 49542.2.1 US 70 (Glenwood Avenue) at Hollyridge Drive. Initial Spot Safety right of way and utilities funds are needed for traffic signal revisions. File 05-18-51356R	\$900.00
Raleigh/ Wake Co. Div. 5 SS-6005T	WBS 49543.3.1 SR 1820 (Lead Mine Road) at SR 1829 (Strickland Road). Initial Spot Safety construction funds are needed for traffic signal revisions. File 05-20-62907C	\$54,000.00
Raleigh/ Wake Co. Div. 5 SS-6005T	WBS 49543.1.1 SR 1820 (Lead Mine Road) at SR 1829 (Strickland Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 05-20-62907P	\$2,700.00

NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Raleigh/ Wake Co. Div. 5 SS-6005U	WBS 49544.1.1 SR 2000 (Falls of Neuse Road) at Bland Road/Pacific Drive. Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 05-19-57797P	\$2,700.00
Raleigh/ Wake Co. Div. 5 SS-6005U	WBS 49544.2.1 SR 2000 (Falls of Neuse Road) at Bland Road/Pacific Drive. Initial Spot Safety right of way and utilities funds are needed for traffic signal revisions. File 05-19-57797R	\$1,800.00
Raleigh/ Wake Co. Div. 5 SS-6005U	WBS 49544.3.1 SR 2000 (Falls of Neuse Road) at Bland Road/Pacific Drive. Initial Spot Safety construction funds are needed for traffic signal revisions. File 05-19-57797C	\$24,300.00
Raleigh/ Wake Co. Div. 5 SS-6005W	WBS 49595.1.1 SR 2298 (Edenton Street) at Wilmington Street; SR 2298 (Edenton Street) at Salisbury Street; SR 5809 (Morgan Street) at Wilmington Street; and SR 5809 (Morgan Street) at Salisbury Street. Initial Spot Safety preliminary engineering funds are needed for Accessible Pedestrian Signal installation and with ramp revisions. File 05-20-60273P	\$13,500.00
Raleigh/ Wake Co. Div. 5 SS-6005W	WBS 49595.3.1 SR 2298 (Edenton Street) at Wilmington Street; SR 2298 (Edenton Street) at Salisbury Street; SR 5809 (Morgan Street) at Wilmington Street; and SR 5809 (Morgan Street) at Salisbury Street. Initial Spot Safety construction funds are needed for Accessible Pedestrian Signal installation and with ramp revisions.	\$171,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

File 05-20-60273C

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland Co. Div. 6 SS-6006AH	WBS 49548.3.1 SR 1003 (Camden Road) curve between milepost 8.59 in Cumberland County and 0.13 mile West of the Hoke County line. Initial Spot Safety construction funds are needed for rumble stripes installation. File 06-20-60810C	\$45,000.00
Cumberland Co. Div. 6 SS-6006AH	WBS 49548.1.1 SR 1003 (Camden Road) curve between milepost 8.59 in Cumberland County and 0.13 mile West of the Hoke County line. Initial Spot Safety preliminary engineering funds are needed for rumble stripes installation. File 06-20-60810P	\$4,500.00
Cumberland Co. Div. 6 SS-6006AM	WBS 49553.3.1 SR 1006 (Maxwell Road) at SR 1826 (Wade Stedman Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-62190C	\$24,300.00
Cumberland Co. Div. 6 SS-6006AM	WBS 49553.1.1 SR 1006 (Maxwell Road) at SR 1826 (Wade Stedman Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-62190P	\$900.00
Harnett Co. Div. 6 SS-6006AI	WBS 49549.1.1 US 301 (Wall Street) at SR 1709 (Hodges Chapel Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-61519P	\$900.00

NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Harnett Co. Div. 6 SS-6006AI	WBS 49549.3.1 US 301 (Wall Street) at SR 1709 (Hodges Chapel Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-61519C	\$35,100.00
Harnett Co. Div. 6 SS-6006AJ	WBS 49550.1.1 NC 55 at SR 2007 (Clayhole Road) and SR 1723 (Turlington Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-61714P	\$900.00
Harnett Co. Div. 6 SS-6006AJ	WBS 49550.3.1 NC 55 at SR 2007 (Clayhole Road) and SR 1723 (Turlington Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-61714C	\$31,500.00
Harnett Co. Div. 6 SS-6006AK	WBS 49551.1.1 NC 27 at SR 1129/SR 1238 (Clark/Spring Hill Church Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-61884P	\$900.00
Harnett Co. Div. 6 SS-6006AK	WBS 49551.3.1 NC 27 at SR 1129/SR 1238 (Clark/Spring Hill Church Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-61884C	\$26,100.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Robeson Co. Div. 6 SS-6006AF	WBS 49546.3.1 SR 2413 (K B Road) at SR 2501 (Starlite Drive). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-62194C	\$27,900.00
Robeson Co. Div. 6 SS-6006AF	WBS 49546.1.1 SR 2413 (K B Road) at SR 2501 (Starlite Drive). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-62194P	\$900.00
Robeson Co. Div. 6 SS-6006AG	WBS 49547.1.1 SR 1003 (Chicken Road) at SR 1513 (Evergreen Church). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-62386P	\$900.00
Robeson Co. Div. 6 SS-6006AG	WBS 49547.3.1 SR 1003 (Chicken Road) at SR 1513 (Evergreen Church). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-62386C	\$23,400.00
Robeson Co. Div. 6 SS-6006AL	WBS 49552.3.1 SR 1505 (Old Lowery Road) at SR 1774 (Mount Tabor Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-61888C	\$22,500.00

NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Robeson Co. Div. 6 SS-6006AL	WBS 49552.1.1 SR 1505 (Old Lowery Road) at SR 1774 (Mount Tabor Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-61888P	\$900.00
Robeson Co. Div. 6 SS-6006AN	WBS 49554.3.1 SR 1710 (Glenn Road) at SR 1712 (Barlow Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-62384C	\$23,400.00
Robeson Co. Div. 6 SS-6006AN	WBS 49554.1.1 SR 1710 (Glenn Road) at SR 1712 (Barlow Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-62384P	\$900.00
Robeson Co. Div. 6 SS-6006AO	WBS 49555.3.1 US 74 ALT at SR 1166/1354 (Cabinet Shop Road/Recreation Center Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-62192C	\$30,600.00
Robeson Co. Div. 6 SS-6006AO	WBS 49555.1.1 US 74 ALT at SR 1166/1354 (Cabinet Shop Road/Recreation Center Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-62192P	\$900.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Robeson Co. Div. 6 SS-6006AP	WBS 49556.3.1 SR 1505 (Old Lowery Road) at SR 1777 (Pearsall Road)/SR 1778 (Dixie Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 06-20-62382C	\$27,900.00
Robeson Co. Div. 6 SS-6006AP	WBS 49556.1.1 SR 1505 (Old Lowery Road) at SR 1777 (Pearsall Road)/SR 1778 (Dixie Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 06-20-62382P	\$900.00
Greensboro/ Guilford Co. Div. 7 SS-6007S	WBS 49558.3.1 SR 2254 (Wendover Avenue) from 1591 feet southwest of Market Street to 858 feet northeast of Market Street in Greensboro. Initial Spot Safety construction funds are needed for warning sign revisions, pavement marking and delineator installations, directional signing upgrades, and sight distance improvements. File 07-20-2118C	\$48,150.00
Greensboro/ Guilford Co. Div. 7 SS-6007S	WBS 49558.1.1 SR 2254 (Wendover Avenue) from 1591 feet southwest of Market Street to 858 feet northeast of Market Street in Greensboro. Initial Spot Safety preliminary engineering funds are needed for warning sign revisions, pavement marking and delineator installations, directional signing upgrades, and sight distance improvements. File 07-20-2118P	\$1,800.00
Chapel Hill/ Orange Co. Div. 7 SS-6007R	WBS 49557.3.1 SR 1010 (East Franklin Street) at Henderson Street. Initial Spot Safety construction funds are needed for traffic signal revisions and high visibility crosswalk installation. File 07-20-2913C	\$9,900.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Chapel Hill/ Orange Co. Div. 7 SS-6007R	WBS 49557.1.1 SR 1010 (East Franklin Street) at Henderson Street. Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions and high visibility crosswalk installation. File 07-20-2913P	\$2,700.00
Aberdeen/ Moore Co. Div. 8 SS-6008K	WBS 49559.1.1 US 1 (South Sandhills Boulevard) at US 15-501. Initial Spot Safety preliminary engineering funds are needed for pavement marking revisions. File 08-19-59420P	\$2,700.00
Aberdeen/ Moore Co. Div. 8 SS-6008K	WBS 49559.3.1 US 1 (South Sandhills Boulevard) at US 15-501. Initial Spot Safety construction funds are needed for pavement marking revisions. File 08-19-59420C	\$6,750.00
Davidson Co. Div. 9 SS-6009P	WBS 49560.3.1 NC 109 at SR 2205 (E Old Hwy 64), south of Thomasville. Initial Spot Safety construction funds are needed for traffic signal revisions, left turn lane construction, and turn lane revisions. File 09-20-2103C	\$312,300.00
Davidson Co. Div. 9 SS-6009P	WBS 49560.1.1 NC 109 at SR 2205 (E Old Hwy 64), south of Thomasville. Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions, left turn lane construction, and turn lane revisions. File 09-20-2103P	\$47,700.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Davidson Co. Div. 9 SS-6009Q	WBS 49561.3.1 SR 1762 (Joe Moore Road) between SR 1972 (Cub Drive) and a point 900 feet north of SR 1972, north of Thomasville. Initial Spot Safety construction funds are needed for guardrail installation. File 09-20-2041C	\$18,000.00
Davidson Co. Div. 9 SS-6009U	WBS 49565.3.1 SR 1147 (Old Salisbury Road) at SR 3159 (Belmont Road/Englewood Drive), west of Lexington. Initial Spot Safety construction funds are needed for All Way Stop installation and pavement marking improvements. File 09-20-2846C	\$13,500.00
Davidson Co. Div. 9 SS-6009U	WBS 49565.1.1 SR 1147 (Old Salisbury Road) at SR 3159 (Belmont Road/Englewood Drive), west of Lexington. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation and pavement marking improvements. File 09-20-2846P	\$900.00
Davidson Co. Div. 9 SS-6009W	WBS 49596.3.1 SR 1700 (Friendship-Ledford Road) at SR 1751 (Shady Grove Church Road) south of Wallburg. Initial Spot Safety construction funds are needed for All Way Stop installation. File 09-21-3182C	\$9,000.00
Davie Co. Div. 9 SS-6009R	WBS 49562.3.1 US 601 at SR 1414 (Angell Road) and US 601 at SR 1002 (Liberty Church Road), north of Mocksville. Initial Spot Safety construction funds are needed for realignment and intersection improvements.	\$313,200.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

File 09-20-2894C

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Davie Co. Div. 9 SS-6009R	WBS 49562.1.1 US 601 at SR 1414 (Angell Road) and US 601 at SR 1002 (Liberty Church Road), north of Mocksville. Initial Spot Safety preliminary engineering funds are needed for realignment and intersection improvements. File 09-20-2894P	\$45,000.00
Davie Co. Div. 9 SS-6009R	WBS 49562.2.1 US 601 at SR 1414 (Angell Road) and US 601 at SR 1002 (Liberty Church Road), north of Mocksville. Initial Spot Safety right of way and utilities funds are needed for realignment and intersection improvements. File 09-20-2894R	\$85,500.00
Rowan Co. Div. 9 SS-6009S	WBS 49563.1.1 SR 1004 (Stokes Ferry Road) at SR 2140 (Saint Matthews Church Road/Liberty Road), southeast of Salisbury. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation with overhead flasher revisions. File 09-20-2875P	\$900.00
Davie Co. Div. 9 SS-6009T	WBS 49564.1.1 SR 1801 (Deadmon Road) at SR 1802 (Will Boone Road/Turrentine Church Road), southeast of Mocksville. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 09-20-2874P	\$900.00
Davie Co. Div. 9 SS-6009T	WBS 49564.3.1 SR 1801 (Deadmon Road) at SR 1802 (Will Boone Road/Turrentine Church Road), southeast of Mocksville. Initial Spot Safety construction funds are needed for All Way Stop installation. File 09-20-2874C	\$9,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rowan Co. Div. 9 SS-6009S	WBS 49563.3.1 SR 1004 (Stokes Ferry Road) at SR 2140 (Saint Matthews Church Road/Liberty Road), southeast of Salisbury. Initial Spot Safety construction funds are needed for All Way Stop installation with overhead flasher revisions. File 09-20-2875C	\$9,000.00
Rowan Co. Div. 9 SS-6009V	WBS 49566.3.1 SR 1500 (Roseman Road/Camp Road) at SR 1503 (Grace Church Road), southwest of Salisbury. Initial Spot Safety construction funds are needed for All Way Stop installation. File 09-20-2901C	\$9,000.00
Rowan Co. Div. 9 SS-6009V	WBS 49566.1.1 SR 1500 (Roseman Road/Camp Road) at SR 1503 (Grace Church Road), southwest of Salisbury. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 09-20-2901P	\$900.00
Union Co. Div. 10 SS-6010AA	WBS 49567.2.1 NC 218 at SR 1001 (Love Mill Road) near Fairview. Initial Spot Safety right of way and utilities funds are needed for All Way Stop installation. File 10-19-215R	\$9,000.00
Union Co. Div. 10 SS-6010AA	WBS 49567.3.1 NC 218 at SR 1001 (Love Mill Road) near Fairview. Initial Spot Safety construction funds are needed for All Way Stop installation. File 10-19-215C	\$36,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Union Co. Div. 10 SS-6010AA	WBS 49567.1.1 NC 218 at SR 1001 (Love Mill Road) near Fairview. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 10-19-215P	\$2,700.00
Indian Trail/ Union Co. Div. 10 SS-6010AB	WBS 49568.3.1 SR 1518 (Faith Church Road) and SR 1520 (Indian Trail/Fairview Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 10-20-234C	\$27,000.00
Indian Trail/ Union Co. Div. 10 SS-6010AB	WBS 49568.1.1 SR 1518 (Faith Church Road) and SR 1520 (Indian Trail/Fairview Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 10-20-234P	\$2,700.00
Union Co. Div. 10 SS-6010AC	WBS 49569.1.1 SR 1006 (Olive Branch Road) and SR 1632 (Lawyers Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 10-20-233P	\$2,700.00
Union Co. Div. 10 SS-6010AC	WBS 49569.3.1 SR 1006 (Olive Branch Road) and SR 1632 (Lawyers Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 10-20-233C	\$27,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Union Co. Div. 10 SS-6010AD	WBS 49570.3.1 SR 1921 (State Line Road) and SR 1922 (Philadelphia Church Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 10-20-231C	\$27,000.00
Union Co. Div. 10 SS-6010AD	WBS 49570.1.1 SR 1921 (State Line Road) and SR 1922 (Philadelphia Church Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 10-20-231P	\$2,700.00
Union Co. Div. 10 SS-6010AE	WBS 49571.1.1 SR 1627 (New Salem Road) and SR 1681 (Old Camden Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 10-20-230P	\$2,700.00
Union Co. Div. 10 SS-6010AE	WBS 49571.3.1 SR 1627 (New Salem Road) and SR 1681 (Old Camden Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 10-20-230C	\$27,000.00
Union Co. Div. 10 SS-6010AF	WBS 49572.1.1 SR 1137 (Potter Road) and SR 1140/1146 (Parkwood School Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 10-20-219P	\$2,700.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Union Co. Div. 10 SS-6010AF	WBS 49572.3.1 SR 1137 (Potter Road) and SR 1140/1146 (Parkwood School Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 10-20-219C	\$36,000.00
Union Co. Div. 10 SS-6010AF	WBS 49572.2.1 SR 1137 (Potter Road) and SR 1140/1146 (Parkwood School Road). Initial Spot Safety right of way and utilities funds are needed for All Way Stop installation. File 10-20-219R	\$9,000.00
Union Co. Div. 10 SS-6010AG	WBS 49573.3.1 SR 1006 (Olive Branch Road) and SR 1630 (Austin Chaney Road). Initial Spot Safety construction funds are needed for All Way Stop installation with upgraded flashers. File 10-20-227C	\$27,000.00
Union Co. Div. 10 SS-6010AG	WBS 49573.1.1 SR 1006 (Olive Branch Road) and SR 1630 (Austin Chaney Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation with upgraded flashers. File 10-20-227P	\$2,700.00
Union Co. Div. 10 SS-6010AH	WBS 49574.1.1 SR 1007 (Rocky River Road) and SR 1149 (Doster Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation with upgraded flashers. File 10-20-229P	\$2,700.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Union Co. Div. 10 SS-6010AH	WBS 49574.3.1 SR 1007 (Rocky River Road) and SR 1149 (Doster Road). Initial Spot Safety construction funds are needed for All Way Stop installation with upgraded flashers. File 10-20-229C	\$27,000.00
Union Co. Div. 10 SS-6010AI	WBS 49575.1.1 SR 1003 (White Store Road) and SR 1937 (Old Pageland Marshville Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation with upgraded flashers. File 10-20-235P	\$2,700.00
Union Co. Div. 10 SS-6010AI	WBS 49575.3.1 SR 1003 (White Store Road) and SR 1937 (Old Pageland Marshville Road). Initial Spot Safety construction funds are needed for All Way Stop installation with upgraded flashers. File 10-20-235C	\$27,000.00
Lenoir/ Caldwell Co. Div. 11 SS-6011K	WBS 49578.3.1 US 321/NC 90 (Blowing Rock Boulevard) at SR 1523 (Nuway Circle/Greenhaven Drive). Initial Spot Safety construction funds are needed for traffic signal revisions. File 11-20-207C	\$9,900.00
Lenoir/ Caldwell Co. Div. 11 SS-6011K	WBS 49578.1.1 US 321/NC 90 (Blowing Rock Boulevard) at SR 1523 (Nuway Circle/Greenhaven Drive). Initial Spot Safety preliminary engineering funds are needed for traffic signal revisions. File 11-20-207P	\$4,500.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lenoir/ Caldwell Co. Div. 11 SS-6011K	WBS 49578.2.1 US 321/NC 90 (Blowing Rock Boulevard) at SR 1523 (Nuway Circle/Greenhaven Drive). Initial Spot Safety right of way and utilities funds are needed for traffic signal revisions. File 11-20-207R	\$900.00
Caldwell Co. Div. 11 SS-6011L	WBS 49579.3.1 SR 1002 (Dudley Shoals Road) at SR 1734 (Morris Creek Road) and SR 1741 (Charlie Little Road). Initial Spot Safety construction funds are needed for All Way Stop with flashers and bright strips installation, Stop Ahead signs installation, and pavement marking revisions. File 11-20-204C	\$13,500.00
Caldwell Co. Div. 11 SS-6011L	WBS 49579.1.1 SR 1002 (Dudley Shoals Road) at SR 1734 (Morris Creek Road) and SR 1741 (Charlie Little Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop with flashers and bright strips installation, Stop Ahead signs installation, and pavement marking revisions. File 11-20-204P	\$2,700.00
Yadkin Co. Div. 11 SS-6011M	WBS 49580.3.1 NC 67 at SR 1003 (Smithtown Road) and SR 1570 (Nebo Road). Initial Spot Safety construction funds are needed for traffic signal installation, Reduce Speed Ahead signs installation, and pavement marking revisions. File 11-20-208C	\$27,900.00
Yadkin Co. Div. 11 SS-6011M	WBS 49580.2.1 NC 67 at SR 1003 (Smithtown Road) and SR 1570 (Nebo Road). Initial Spot Safety right of way and utilities funds are needed for traffic signal installation, Reduce Speed Ahead signs installation, and pavement marking revisions. File 11-20-208R	\$4,500.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Yadkin Co. Div. 11 SS-6011M	WBS 49580.1.1 NC 67 at SR 1003 (Smithtown Road) and SR 1570 (Nebo Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal installation, Reduce Speed Ahead signs installation, and pavement marking revisions. File 11-20-208P	\$4,500.00
Newton/ Catawba Co. Div. 12 SS-6012O	WBS 49583.3.1 US 321 Business at SR 1154 (Radio Station Road/West A Street). Initial Spot Safety construction funds are needed for traffic signal and pavement marking revisions. File 12-20-201C	\$153,000.00
Newton/ Catawba Co. Div. 12 SS-6012O	WBS 49583.1.1 US 321 Business at SR 1154 (Radio Station Road/West A Street). Initial Spot Safety preliminary engineering funds are needed for traffic signal and pavement marking revisions. File 12-20-201P	\$27,000.00
Newton/ Catawba Co. Div. 12 SS-6012O	WBS 49583.2.1 US 321 Business at SR 1154 (Radio Station Road/West A Street). Initial Spot Safety right of way and utilities funds are needed for traffic signal and pavement marking revisions. File 12-20-201R	\$10,800.00
Shelby/ Cleveland Co. Div. 12 SS-6012M	WBS 49581.3.1 SR 1005 (Lafayette Street) at SR 1827 (Ross Grove Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 12-20-212C	\$20,700.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Shelby/ Cleveland Co. Div. 12 SS-6012M	WBS 49581.1.1 SR 1005 (Lafayette Street) at SR 1827 (Ross Grove Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 12-20-212P	\$5,400.00
Gaston Co. Div. 12 SS-6012N	WBS 49582.3.1 US 321 Southbound Couplet (Chester Street) at SR 2466 (Garrison Boulevard). Initial Spot Safety construction funds are needed for traffic signal and pavement marking revisions and sight distance improvements. File 12-20-209C	\$12,600.00
Gaston Co. Div. 12 SS-6012N	WBS 49582.1.1 US 321 Southbound Couplet (Chester Street) at SR 2466 (Garrison Boulevard). Initial Spot Safety preliminary engineering funds are needed for traffic signal and pavement marking revisions and sight distance improvements. File 12-20-209P	\$6,300.00
Buncombe Co. Div. 13 SS-6013P	WBS 49585.1.1 SR 1622 (Old NC 20) at Culvert #5 near Mars Hill. Initial Spot Safety preliminary engineering funds are needed for guardrail installation. File 13-20-219P	\$4,500.00
Buncombe Co. Div. 13 SS-6013P	WBS 49585.3.1 SR 1622 (Old NC 20) at Culvert #5 near Mars Hill. Initial Spot Safety construction funds are needed for guardrail installation. File 13-20-219C	\$49,500.00

NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety and Spot Mobility Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Buncombe Co. Div. 13 SS-6013P	WBS 49585.2.1 SR 1622 (Old NC 20) at Culvert #5 near Mars Hill. Initial Spot Safety right of way and utilities funds are needed for guardrail installation. File 13-20-219R	\$1,800.00
Buncombe Co. Div. 13 SS-6013R	WBS 49587.2.1 US 25-70 at SR 1740 (New Stock Road) near Weaverville. Initial Spot Safety right of way and utilities funds are needed for advance signal warning flashers installation. File 13-20-215R	\$1,800.00
Buncombe Co. Div. 13 SS-6013R	WBS 49587.1.1 US 25-70 at SR 1740 (New Stock Road) near Weaverville. Initial Spot Safety preliminary engineering funds are needed for advance signal warning flashers installation. File 13-20-215P	\$4,500.00
Buncombe Co. Div. 13 SS-6013R	WBS 49587.3.1 US 25-70 at SR 1740 (New Stock Road) near Weaverville. Initial Spot Safety construction funds are needed for advance signal warning flashers installation. File 13-20-215C	\$27,000.00
Black Mountain & Swannanoa/ Buncombe Co. Div. 13 SS-6013S	WBS 49588.2.1 US 70 from SR 2411 (Briggs Street) to Goldmont Street. Initial Spot Safety right of way and utilities funds are needed for rumble stripes with long life pavement markings installation. File 13-20-206R	\$900.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Black Mountain & Swannanoa/ Buncombe Co. Div. 13 SS-6013S	WBS 49588.1.1 US 70 from SR 2411 (Briggs Street) to Goldmont Street. Initial Spot Safety preliminary engineering funds are needed for rumble stripes with long life pavement markings installation. File 13-20-206P	\$22,500.00
Black Mountain & Swannanoa/ Buncombe Co. Div. 13 SS-6013S	WBS 49588.3.1 US 70 from SR 2411 (Briggs Street) to Goldmont Street. Initial Spot Safety construction funds are needed for rumble stripes with long life pavement markings installation. File 13-20-206C	\$252,000.00
Mitchell Co. Div. 13 SS-6013O	WBS 49584.3.1 SR 1217 (McKinney Cove Road) from SR 1211 (North Mitchell Avenue) to SR 1214 (Young Cove Road) near Bakersville. Initial Spot Safety construction funds are needed for guardrail installation. File 13-19-203C	\$235,800.00
Mitchell Co. Div. 13 SS-6013O	WBS 49584.1.1 SR 1217 (McKinney Cove Road) from SR 1211 (North Mitchell Avenue) to SR 1214 (Young Cove Road) near Bakersville. Initial Spot Safety preliminary engineering funds are needed for guardrail installation. File 13-19-203P	\$10,800.00
Mitchell Co. Div. 13 SS-6013O	WBS 49584.2.1 SR 1217 (McKinney Cove Road) from SR 1211 (North Mitchell Avenue) to SR 1214 (Young Cove Road) near Bakersville. Initial Spot Safety right of way and utilities funds are needed for guardrail installation. File 13-19-203R	\$9,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rutherford Co. Div. 13 SS-6013Q	WBS 49586.3.1 SR 2159 (Piney Ridge Road) at SR 2179 (Butler Road/Griffin Road) near Forest City. Initial Spot Safety construction funds are needed for All Way Stop installation. File 13-20-214C	\$4,500.00
Rutherford Co. Div. 13 SS-6013Q	WBS 49586.2.1 SR 2159 (Piney Ridge Road) at SR 2179 (Butler Road/Griffin Road) near Forest City. Initial Spot Safety right of way and utilities funds are needed for All Way Stop installation. File 13-20-214R	\$900.00
Rutherford Co. Div. 13 SS-6013Q	WBS 49586.1.1 SR 2159 (Piney Ridge Road) at SR 2179 (Butler Road/Griffin Road) near Forest City. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 13-20-214P	\$450.00
Hendersonville/ Henderson Co. Div. 14 SS-6014R	WBS 49590.2.1 SR 1722 (Old Spartanburg Road) at SR 1775 (Brooklyn Avenue). Initial Spot Safety right of way and utilities funds are needed for All Way Stop installation. File 14-20-216R	\$1,800.00
Hendersonville/ Henderson Co. Div. 14 SS-6014R	WBS 49590.1.1 SR 1722 (Old Spartanburg Road) at SR 1775 (Brooklyn Avenue). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 14-20-216P	\$2,700.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Hendersonville/ Henderson Co. Div. 14 SS-6014R	WBS 49590.3.1 SR 1722 (Old Spartanburg Road) at SR 1775 (Brooklyn Avenue). Initial Spot Safety construction funds are needed for All Way Stop installation. File 14-20-216C	\$18,000.00
Henderson Co. Div. 14 SS-6014T	WBS 49592.2.1 SR 1793 (Tracey Grove Road) at SR 1755 (Airport Road) near Hendersonville. Initial Spot Safety right of way and utilities funds are needed for All Way Stop installation. File 14-20-221R	\$900.00
Henderson Co. Div. 14 SS-6014T	WBS 49592.1.1 SR 1793 (Tracey Grove Road) at SR 1755 (Airport Road) near Hendersonville. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 14-20-221P	\$450.00
Henderson Co. Div. 14 SS-6014T	WBS 49592.3.1 SR 1793 (Tracey Grove Road) at SR 1755 (Airport Road) near Hendersonville. Initial Spot Safety construction funds are needed for All Way Stop installation. File 14-20-221C	\$3,150.00
Etowah/ Henderson Co. Div. 14 SS-6014U	WBS 49593.3.1 SR 1205 (Etowah School Road) at SR 1206 (Etowah Park Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 14-20-217C	\$18,000.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Etowah/ Henderson Co. Div. 14 SS-6014U	WBS 49593.1.1 SR 1205 (Etowah School Road) at SR 1206 (Etowah Park Road). Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 14-20-217P	\$2,700.00
Etowah/ Henderson Co. Div. 14 SS-6014U	WBS 49593.2.1 SR 1205 (Etowah School Road) at SR 1206 (Etowah Park Road). Initial Spot Safety right of way and utilities funds are needed for All Way Stop installation. File 14-20-217R	\$1,800.00
Henderson Co. Div. 14 SS-6014V	WBS 49594.2.1 SR 1574 (Fruitland Road) at SR 1582 (North Clear Creek Road)/Fiesta Lane near Fruitland. Initial Spot Safety right of way and utilities funds are needed for All Way Stop installation. File 14-20-214R	\$900.00
Henderson Co. Div. 14 SS-6014V	WBS 49594.1.1 SR 1574 (Fruitland Road) at SR 1582 (North Clear Creek Road)/Fiesta Lane near Fruitland. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 14-20-214P	\$450.00
Henderson Co. Div. 14 SS-6014V	WBS 49594.3.1 SR 1574 (Fruitland Road) at SR 1582 (North Clear Creek Road)/Fiesta Lane near Fruitland. Initial Spot Safety construction funds are needed for All Way Stop installation. File 14-20-214C	\$3,150.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Polk Co. Div. 14 SS-6014S	WBS 49591.1.1 NC 9 at SR 1005 (Sandy Plains Road)/SR 1520 (Landrum Road) near Columbus. Initial Spot Safety preliminary engineering funds are needed for All Way Stop installation. File 14-20-218P	\$4,500.00
Polk Co. Div. 14 SS-6014S	WBS 49591.3.1 NC 9 at SR 1005 (Sandy Plains Road)/SR 1520 (Landrum Road) near Columbus. Initial Spot Safety construction funds are needed for All Way Stop installation. File 14-20-218C	\$27,900.00
Polk Co. Div. 14 SS-6014S	WBS 49591.2.1 NC 9 at SR 1005 (Sandy Plains Road)/SR 1520 (Landrum Road) near Columbus. Initial Spot Safety right of way and utilities funds are needed for All Way Stop installation. File 14-20-218R	\$1,800.00
Swain Co. Div. 14 SS-6014Q	WBS 49589.2.1 SR 1140 (Alarka Road) near SR 1144 near Bryson City. Initial Spot Safety right of way and utilities funds are needed for guardrail installation. File 14-20-208R	\$1,800.00
Swain Co. Div. 14 SS-6014Q	WBS 49589.1.1 SR 1140 (Alarka Road) near SR 1144 near Bryson City. Initial Spot Safety preliminary engineering funds are needed for guardrail installation. File 14-20-208P	\$4,500.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Swain Co. Div. 14 SS-6014Q	WBS 49589.3.1 SR 1140 (Alarka Road) near SR 1144 near Bryson City. Initial Spot Safety construction funds are needed for guardrail installation. File 14-20-208C	\$63,000.00
ITEM L SUMMARY	211 PROJECTS	\$4,613,650.00

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pasquotank Co. B-6053 DIVISION	48754.3.1, STBG-0111(026) Replace Bridge #34 over Knobbs Creek Tributary on Providence Road in Elizabeth City. Funds are needed for construction to replace the bridge. This is a municipal bridge project.	\$1,100,000.00 Cost \$880,000.00 Fed. \$220,000.00 Local

Rural

Martin Co. R-3826 REGIONAL	34553.4.FRU1, STP-0125(1) NC 125 from SR 1182 (East College Road) to NC 125 northwest of Williamston. \$255,000.00 has previously been approved for utility relocations. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$166,415.00 Cost \$132,917.00 Fed. \$33,498.00 State
----------------------------------	--	---

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Carteret Co. W-5802B REGIONAL	48947.3.3, Federal No. 0058023 NC 58 (East Fort Macon Road) at Brooks Street in Atlantic Beach. Funds are needed for construction to install a rectangular rapid flash beacon at the crosswalk.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Carteret Co. W-5802C REGIONAL	48947.3.4, Federal No. 0058024 NC 58 (East Fort Macon Road) at East Bouge Sound Drive in Atlantic Beach. Funds are needed for construction to install a rectangular rapid flash beacon at the crosswalk.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Craven Co. W-5802E STATEWIDE	48947.3.6, Federal No. 0070238 US 70 between Nunn Street in Havelock and SR 1605 (Friendly Road) in Morehead City; and NC 55 between US 17 in Bridgeton and SR 1210 (1st Street) in Bayboro. Funds are needed for construction to install long life pavement markings. This request is pending approval by the Federal Highway Administration (FHWA).	\$840,000.00 Cost \$756,000.00 Fed. \$84,000.00 State
Pitt Co. W-5802D DIVISION	48947.3.5, Federal No. 1598005 SR 1598 (10th Street) at Anderson Street in Greenville. Funds are needed for construction to install pavement markings and a rectangular rapid flash beacon at the crosswalk.	\$32,000.00 Cost \$28,800.00 Fed. \$3,200.00 State

Rural

Craven Co. R-1015 DIV/REG	34360.3.GV4, NHF-0070(049) US 70 (Havelock Bypass) from north of Pine Grove to north of the Carteret County Line. \$212,355,052.00 has previously been approved for construction. Additional funds are needed to correct the non-Federal share (state match). Strategic Impact funds for this request are 100% Division Needs.	\$3,751,777.00 Cost \$3,751,777.00 State
---------------------------------	---	---

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
New Hanover Co. EB-6028 DIVISION	48749.1.1, TAPDA-0017(184) US 17 Business (Market Street) and 21st Street in Wilmington. \$12,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$23,723.00 Cost \$18,978.00 Fed. \$4,745.00 Local
New Hanover Co. U-6233 DIVISION	48929.1.1, Federal No. 0421114 US 421 (Lake Park Boulevard) at Hamlet Avenue in Carolina Beach. Funds are needed for preliminary engineering. State match for this project uses High Impact / Low Costs funds.	\$18,000.00 Cost \$14,400.00 Fed. \$3,600.00 State
New Hanover Co. U-6235 DIVISION	48931.1.1, Federal No. 0332142 Traffic Signal System Preemption (prioritization) upgrades for Emergency Vehicles at various locations in Wilmington. Funds are needed for preliminary engineering.	\$223,650.00 Cost \$178,920.00 Fed. \$44,730.00 Local
Onslow Co. U-5319 EXEMPT	45433.1.1, HPPSTP-1308(013) SR 1308 (Gum Branch Road) at SR 1470 (Western Boulevard) in Jacksonville. \$908,368.92 has previously been approved for preliminary engineering. Funds need to be decreased (\$162,886.00). Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) Transition project.	(\$162,886.00) Cost (\$115,447.00) Fed. (\$47,439.00) State

Safety

Onslow Co. W-5703J DIVISION	44849.3.10, HSIP-1308(016) SR 1308 (Gum Branch Road) at Indian Drive and SR 2005 (Jacksonville High School Access Road). Funds are needed for construction to install high visibility crosswalks and pedestrian signals.	\$54,000.00 Cost \$48,600.00 Fed. \$5,400.00 State
Onslow/ Pender Co. W-5803B REGIONAL	48948.1.3, Federal No. 0017187 US 17 between the Pender / New Hanover County Line and Milepost 19.30 in Onslow County. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Nash Co. I-5761 STATEWIDE	53004.3.1, NHPP-0095(25)137 I-95 from SR 1700 (Oak Level Road) to SR 1770 (Sunset Avenue) in Rocky Mount. \$720,000.00 has previously been approved for construction. Funds need to be decreased (\$279,755.00). Work associated with this WBS is complete. This WBS will be closed.	(\$279,755.00) Cost (\$223,805.00) Fed. (\$55,950.00) State

Urban

Johnston Co. U-6223 DIVISION	48811.1.1, Federal No. 1560004 SR 1560 (Ranch Road Extension) from US 70 Business / NC 42 to Ranch Road in Clayton. \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,000,000.00). This project is being withdrawn in the Federal system. This WBS will be closed. Preliminary Engineering will be completed with Contingency Funds under WBS 49502.	(\$1,000,000.00) Cost (\$800,000.00) Fed. (\$200,000.00) State
Nash Co. EB-5711 DIVISION	50407.1.1, Federal No. 0064210 US 64 Business (Sunset Avenue) from SR 1836 (May Drive) to Northbound US 301 Business (Church Street). Funds are needed for preliminary engineering.	\$30,000.00 Cost \$24,000.00 Fed. \$6,000.00 Local
Nash Co. U-3330 REGIONAL	36596.3.4, STP-0301(28) US 301 Bypass from SR 1836 (May Drive) to NC 43 / NC 48 (Benvenue Road) in Rocky Mount. \$33,226,300.18 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$5,000,000.00 Cost \$4,000,000.00 Fed. \$1,000,000.00 State
Nash Co. U-5026 REGIONAL	44033.1.1, IMF-95-3(94)137 I-95 at SR 1770 (Sunset Avenue) in Rocky Mount. \$2,565,653.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed.	\$260,415.00 Cost \$260,415.00 State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Nash Co.	48949.1.3, Federal No. 0043032	\$125,000.00	Cost
W-5804B	NC 43 at SR 1500 (Swift Creek School Road). Funds are	\$112,500.00	Fed.
REGIONAL	needed for preliminary engineering.	\$12,500.00	State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Franklin Co. C-5604QA EXEMPT	43714.3.9, CMAQ-0531(008) Improvements along NC 96 (Main Street) in Youngsville. \$1,186,005.00 has previously been approved for construction. Additional funds are needed to align funding with the local agreement.	\$102,474.00 Cost \$81,979.00 Fed. \$20,495.00 Local
Wake Co. C-5604OD EXEMPT	43714.3.8, CMAQ-0520(057) Crabtree Creek West Greenway extension to connect the existing greenway at Lindsay Drive to the eastern boundary of Umstead State Park at SR 1649 (Ebenezer Church Road). Funds are needed for construction to install the greenway.	\$4,550,000.00 Cost \$1,547,000.00 Fed. \$3,003,000.00 Local

Safety

Durham Co. W-5705S REGIONAL	44851.3.19, HSIP-0015(057) US 15 / US 501 at the Southbound NC 751 Ramp in Durham. Funds are needed for construction to extend the ramp. This request includes \$460,000.00 Highway Safety Improvement Program (HSIP) funds and \$67,090.00 National Highway Performance Program (NHPP) funds.	\$527,090.00 Cost \$467,672.00 Fed. \$59,418.00 State
Wake Co. W-5805A REGIONAL	48950.1.2, Federal No. 0042079 NC 42 (West Academy Street) at SR 1101 (Piney Grove Wilbon Road). Funds are needed for preliminary engineering.	\$250,000.00 Cost \$225,000.00 Fed. \$25,000.00 State
Wake Co. W-5805E REGIONAL	48950.1.6, Federal No. 0098038 NC 98 (Wait Avenue) at SR 2057 / SR 4465 (Moores Pond Road). Funds are needed for preliminary engineering.	\$185,000.00 Cost \$166,500.00 Fed. \$18,500.00 State

NCDOT March 2021 Board of Transportation Agenda Approval of Funds for Specific Federal - Aid Projects

Division 6

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. U-4444B EXEMPT	46492.2.2, STPDA-0210(25) NC 210 from Fort Bragg to north of NC 24 / NC 87 / NC 210 in Spring Lake. \$18,343,172.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed.	\$678,279.00 Cost \$678,279.00 State

Bridge

Cumberland Co. B-4950 DIVISION	40108.2.1, BRZ-1851(3) Replace Bridge #171 and Bridge #172 over South River on SR 1851 / SR 1426 (Faircloth Bridge Road). \$383,000.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$375,521.00). Work associated with this WBS is complete. This WBS will be closed.	(\$375,521.00) Cost (\$300,417.00) Fed. (\$75,104.00) State
Cumberland Co. B-4950 DIVISION	40108.3.1, BRZ-1851(3) Replace Bridge #171 and Bridge #172 over South River on SR 1851 / SR 1426 (Faircloth Bridge Road). \$1,850,000.00 has previously been approved for construction. Funds need to be decreased (\$150,547.00). Work associated with this WBS is complete. This WBS will be closed.	(\$150,547.00) Cost (\$120,439.00) Fed. (\$30,108.00) State

Safety

Cumberland Co. W-5706Z REGIONAL	44852.2.27, Federal No. 0210043 NC 210 at the curve northwest of Pea Field Road near Autryville. Funds are needed for full right of way and utilities.	\$10,315.00 Cost \$9,283.00 Fed. \$1,032.00 State
--	---	---

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Harnett Co. W-5806B REGIONAL	48951.1.3, Federal No. 1117019 SR 1117 (Nursery Road) from NC 27 to SR 1120 (Overhills Road); SR 1120 (Overhills Road) from NC 24 / NC 87 to SR 1117 (Nursery Road); and SR 1121 (Ray Road) from SR 1117 (Nursery Road) to SR 1120 (Overhills Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

Rural

Cumberland Co. X-0002CC EXEMPT	35196.3.FS22, NHF-0100(23) Fayetteville Outer Loop from east of SR 1007 (All American Freeway) to east of US 401 (Ramsey Street). \$37,042,084.19 has previously been approved for construction. Funds need to be decreased (\$3,120,720.00). Work associated with this WBS is complete. This WBS will be closed.	(\$3,120,720.00) Cost (\$2,496,853.00) Fed. (\$623,867.00) State
--------------------------------------	--	--

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alamance/ Orange Co. I-5954 STATEWIDE	45907.3.1, NHPIM-0040(066) I-40 / I-85 from east of NC 54 in Alamance County to west of SR 1114 (Buckhorn Road) in Orange County. \$11,153,911.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$553,855.00 Cost \$442,541.00 Fed. \$111,314.00 State
Guilford Co. I-5789 STATEWIDE	53029.3.1, NHPIM-0085(3)117 I-85 from SR 1113 (Kivett Drive) to 0.4 mile north of I-85 Business in High Point. This project is combined with I-5821: I-85 from the Randolph County Line to 1 mile east of SR 1113 (Kivett Drive), and with I-5738: I-85 from south of SR 1009 (Main Street) to north of SR 1912 (Lunar Drive) in Archdale. \$23,233,757.91 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,857,639.00 Cost \$1,482,192.00 Fed. \$375,447.00 State
Guilford Co. I-5852B STATEWIDE	53056.3.3, NHPIM-0085(034) I-73 from 0.70 mile south of I-40 to 0.73 mile south of SR 2085 (Joseph M. Bryan Boulevard) in Greensboro. \$6,284,462.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$471,677.00 Cost \$375,019.00 Fed. \$96,658.00 State

Safety

Guilford Co. W-5807A REGIONAL	48952.1.2, Federal No. 2526004 SR 2526 (Summit Avenue) at eastbound US 220 (Wendover Avenue). Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
-------------------------------------	--	--

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alamance Co. Z-5400GC DIVISION	43600.3.FD8, HSR-0716(005) Railway-Highway Grade Crossing Safety project at SR 1692 (3rd Street) and Norfolk Southern Railway Crossing #735 469V in Mebane. \$116,350.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State
Alamance Co. Z-5400GD DIVISION	43600.3.FD9, HSR-0705(006) Railway-Highway Grade Crossing Safety project at SR 1323 (Oak Avenue) and Norfolk Southern Railway Crossing #722 997J in Elon. \$119,783.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$40,000.00 Cost \$36,000.00 Fed. \$4,000.00 State
Alamance Co. Z-5400GI DIVISION	43600.3.37, STPRR-1530(005) Railway-Highway Grade Crossing Safety project at SR 1530 (Elmira Street) and Norfolk Southern Railway Crossing #722 814N in Burlington. \$153,106.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Alamance Co. Z-5400GO DIVISION	43600.1.52, RR-1962(002) Intersection improvements at three railway-highway crossing locations along Washington Street in Mebane. \$27,100.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Alamance Co. Z-5400GO DIVISION	43600.3.52, RR-1962(002) Intersection improvements at three railway-highway crossing locations along Washington Street in Mebane. \$311,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Alamance/ Orange Co. R-5787F DIVISION	44917.3.7, TAP-0708(116) ADA Ramps (Americans with Disabilities Act) for areas with populations > 5,000 in Alamance and Orange Counties. \$1,025,000.00 has previously been approved for construction. Additional funds are needed as requested to align funding with the latest construction estimate. State match for this project uses Division 7 Contract Resurfacing funds.	\$675,000.00 Cost \$540,000.00 Fed. \$135,000.00 State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Randolph Co. U-5813 REGIONAL	44385.2.4, NHP-0064(206) US 64 road widening from the Asheboro Bypass to east of I-73 / I-74 / US 220 in Asheboro. This project includes interchange revisions at NC 49 and at I-73 / I-74 / US 220, and the replacement of Bridge # 171 over US 64 and NC 49. \$800,000.00 has previously been approved for utility relocations. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a two-year cashflow project with Federal funds of \$560,000.00.00 in both FY21 and FY22, and state match funds of \$140,000.00 in both FY21 and FY22.	\$1,400,000.00 Cost \$1,120,000.00 Fed. \$280,000.00 State

Safety

Chatham Co. W-5808B STATEWIDE	48953.1.3, Federal No. 0421113 US 421 at NC 902 near Bear Creek. Funds are needed for preliminary engineering.	\$85,000.00 Cost \$76,500.00 Fed. \$8,500.00 State
-------------------------------------	---	--

NCDOT March 2021 Board of Transportation Agenda Approval of Funds for Specific Federal - Aid Projects

Division 9

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. U-5617 DIVISION	47082.2.1, STBGDA-1173(005) SR 1173 (Williams Road) from the roundabout just east of US 421 to west of the roundabout at SR 1001 (Shallowford Road), and improvements at roundabouts just west and east of Bridge #187 over US 421. \$196,774.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$34,725.00 Cost \$27,780.00 Fed. \$6,945.00 Local

Bridge

Davidson Co. B-3159 EXEMPT	38331.3.FR1, STPNHS-0052(31) Replace Bridge #27 on US 52 / NC 8 over US 29 / US 64 / US 70 / I-85 Business Loop. \$13,315,328.94 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments (STI) Transition project.	\$136,285.00 Cost \$109,021.00 Fed. \$27,264.00 State
Rowan Co. B-5772 DIVISION	45728.2.2, BRZ-1742(002) Replace Bridge #66 over Norfolk Southern Railroad on SR 1724 (Hurley School Road). Funds are needed for utility relocations.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State

Safety

Davidson Co. W-5809A REGIONAL	48954.1.2, Federal No. 0109023 NC 109 from SR 2067 (Lambeth Road) to the Denton Northern Municipal Limits. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
Rowan/ Davidson Co. HS-2009A DIVISION	49321.3.2, Federal No. 0918128 Various secondary routes in Rowan and Davidson Counties. Funds are needed for construction to install long-life pavement markings.	\$1,900,000.00 Cost \$1,710,000.00 Fed. \$190,000.00 State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. U-5008 EXEMPT	41141.1.1, HPP-1003(73) Railway-Highway Grade Separation project at SR 2975 (Sugar Creek Road) and North Carolina Railroad / Norfolk Southern Railway Crossing #715 352H; this project includes closing Craighead Road Crossing #715 355D in Charlotte. \$2,464,485.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed.	\$164,590.00 Cost \$164,590.00 State
Mecklenburg Co. U-5908A DIVISION	46453.3.2, STP-0115(012) Main Street between NC 115 (Old Statesville Road) / SR 2004 (Mount Holly-Huntersville Road) and NC 115 (Old Statesville Road) just south of SR 2439 (Ramah Church Road) in Huntersville. Funds are needed for construction to widen Main Street.	\$4,653,334.00 Cost \$2,792,000.00 Fed. \$1,861,334.00 Local
Mecklenburg Co. U-5908B EXEMPT	46453.3.3, STP-0115(012) Main Street at NC 115 (Old Statesville Road) / SR 2004 (Mount Holly-Huntersville Road) and at NC 115 (Old Statesville Road) just south of SR 2439 (Ramah Church Road) in Huntersville. Funds are needed for construction to install roundabouts at both NC 115 intersections.	\$9,203,334.00 Cost \$5,522,000.00 Fed. \$3,681,334.00 Local

Bridge

Mecklenburg Co. B-5105 EXEMPT	42180.2.FDU1, BRSTP-4982(7) Replace Bridge #49 over Little Sugar Creek on SR 4982 (South Lancaster Highway). \$52,000.00 has previously been approved for utility relocations. Additional funds are needed to cover expenditures that exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) Transition project.	\$129,210.00 Cost \$129,210.00 State
--	--	---

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. B-5930 DIVISION	50151.3.1, BRSTP-1003(147) Replace Bridge #433 over McAlpine Creek on Sardis Lane in Charlotte. Funds are needed for construction to replace the bridge. This is a municipal bridge project.	\$1,540,754.00 Cost \$1,232,603.00 Fed. \$308,151.00 Local

Safety

Mecklenburg Co. HS-2010B STATEWIDE	49291.3.2, Federal No. 0277023 I-277 Exit Ramps: Outer Exit 1D, Inner Exit 3A, Inner Exit 1C and Outer Exit 2B in Charlotte. Funds are needed for construction to install crash attenuators (smart cushions). This request is pending approval by the Federal Highway Administration (FHWA).	\$144,000.00 Cost \$129,600.00 Fed. \$14,400.00 State
Mecklenburg Co. W-5710R REGIONAL	44856.1.18, HSIP-0051(033) NC 51 from SR 3687 (Park Road) to SR 3611 (Carmel Road). Funds are needed for preliminary engineering.	\$600,000.00 Cost \$540,000.00 Fed. \$60,000.00 State
Stanly Co. W-5710AF DIVISION	44856.3.34, HSIP-1200(099) SR 1200 (Bethel Church Road) at SR 1211 (Coley Store Road) near Locust. Funds are needed for construction to install all-way stop.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Union Co. W-5710AL DIVISION	44856.3.40, HSIP-1751(006) SR 1751 (Monroe Ansonville Road) at SR 1758 (Austin Chaney Road) near Wingate. Funds are needed for construction to install all-way stop.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State
Union Co. W-5710AM DIVISION	44856.3.41, HSIP-1001(091) SR 1001 (Sikes Mill Road) at SR 1617 (Tom Boyd Road) in Unionville. Funds are needed for construction to install all-way stop.	\$30,000.00 Cost \$27,000.00 Fed. \$3,000.00 State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Union Co. W-5710I REGIONAL	44856.2.9, HSIP-0200(005) NC 200 (Morgan Mill Road) at NC 218 in Union County. \$75,000.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$60,000.00 Cost \$54,000.00 Fed. \$6,000.00 State

Rail Program

Cabarrus Co. Z-5400JA DIVISION	43600.3.FD10, HSR-0924(004) Railway-Highway Grade Crossing Safety project at SR 1706 (East 1st Street) and Norfolk Southern Railway Crossing #724 404W in Kannapolis. \$119,230.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$140,000.00 Cost \$126,000.00 Fed. \$14,000.00 State
Mecklenburg Co. P-5705 REGIONAL	44475FHWA.1.2, STBGDA-1001(080) Charlotte Gateway Station. \$1,400,000.00 has previously been approved for programming and administration. Funds need to be decreased (\$1,400,000.00). This project is being withdrawn from the Federal system. This WBS will be closed.	(\$1,400,000.00) Cost (\$1,120,000.00) Fed. (\$280,000.00) State
Mecklenburg Co. P-5705BA REGIONAL	44475FHWA.3.1, STBGDA-1001(078) Charlotte Gateway Station. \$572,896.00 has previously been approved for construction of the tracks, structure, and signals. Funds need to be decreased (\$572,896.00). This project is being withdrawn from the Federal system. This WBS will be closed.	(\$572,896.00) Cost (\$458,316.00) Fed. (\$114,580.00) State
Mecklenburg Co. P-5705BB REGIONAL	44475FHWA.3.2, STBGDA-1001(083) Charlotte Gateway Station. \$16,777,104.00 has previously been approved for construction of the station platform and canopy. Funds need to be decreased (\$16,777,104.00). This project is being withdrawn from the Federal system. This WBS will be closed.	(\$16,777,104.00) Cost (\$13,421,683.00) Fed. (\$3,355,421.00) State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. EB-5781 DIVISION	46424.3.1, BGDA-1003(174) Stewarts Creek Greenway from State Street to Rozzelles Ferry Road in Charlotte. Funds are needed for construction to install the greenway.	\$3,159,055.00 Cost \$2,527,244.00 Fed. \$631,811.00 Local
Mecklenburg Co. EB-5783 DIVISION	46429.1.1, STBGDA-3168(003) Sam Newell Road Multi-Use Path along SR 3168 (Sam Newell Road) from Rice Road to Crown Point Elementary School in Matthews. \$150,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$231,000.00 Cost \$184,800.00 Fed. \$46,200.00 Local

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 11

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Watauga Co. U-5705 STATEWIDE	50130.1.FS1, NHPP-0221(44) US 221 / US 321 at NC 105. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project is being withdrawn in the Federal system. This WBS will be closed.	\$289,888.00 Cost (\$240,000.00) Fed. \$529,888.00 State

Rural

Ashe Co. R-2915B EXEMPT	34518.2.FR2, STP-0221(40) US 221 from SR 1003 (Idlewild Road) to north of the South Fork New River. \$7,861,168.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments (STI) Transition project.	\$112,365.00 Cost \$89,892.00 Fed. \$22,473.00 State
-------------------------------	--	--

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. C-5186 EXEMPT	46245.3.1, CMS-1213(025) Closed-Circuit Television (CCTV) signal system upgrades at various locations in Gastonia. \$98,000.00 has previously been approved for construction. Additional funds are needed to align funding with the local agreement.	\$24,500.00 Cost \$19,600.00 Fed. \$4,900.00 Local

Safety

Catawba Co. HS-2012A DIVISION	49331.3.2, Federal No. 1849002 SR 1849 (Mount Pleasant Road) at Bridge #163 over the Mountain Creek portion of Lake Norman. Funds are needed for construction to install guardrails. This request is pending approval by the Federal Highway Administration (FHWA).	\$85,000.00 Cost \$76,500.00 Fed. \$8,500.00 State
Catawba Co. HS-2012B DIVISION	49331.3.3, Federal No. 1844002 SR 1844 (Slanting Bridge Road) at Bridge #23 over Lake Norman. Funds are needed for construction to upgrade guardrails and guardrail end units. This request is pending approval by the Federal Highway Administration (FHWA).	\$372,000.00 Cost \$334,800.00 Fed. \$37,200.00 State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Buncombe Co. W-5813D REGIONAL	48958.1.5, Federal No. 0025045 US 25 at All Souls Crescent and at US 25 Alternate (Lodge Street) in Asheville. Funds are needed for preliminary engineering.	\$4,000.00 \$3,600.00 \$400.00	Cost Fed. State
Burke Co. HS-2013A STATEWIDE	49333.3.2, Federal No. 0321048 US 321 at Bridge #366 and Bridge #367 over Lake Hickory near the Catawba County Line. Funds are needed for construction to install guardrails.	\$92,000.00 \$82,800.00 \$9,200.00	Cost Fed. State
Burke Co. HS-2013C REGIONAL	49333.3.4, Federal No. 0181038 NC 181 from US 64 to SR 1405 (Brown Mountain Beach Road). Funds are needed for construction to upgrade guardrails.	\$195,000.00 \$175,500.00 \$19,500.00	Cost Fed. State
Burke Co. HS-2013E REGIONAL	49333.3.6, Federal No. 0064213 US 64 / NC 18 from NC 181 to the Caldwell County Line. Funds are needed for construction to upgrade guardrails.	\$385,000.00 \$346,500.00 \$38,500.00	Cost Fed. State
Divisionwide HS-2013F STATEWIDE	49333.3.7, Federal No. 1302101 Various routes: US 321, US 70, US 19 East and US 221 Alternate in Burke, Mitchell, and Rutherford Counties. Funds are needed for construction to upgrade guardrails.	\$348,000.00 \$313,200.00 \$34,800.00	Cost Fed. State
Mitchell Co. HS-2013B REGIONAL	49333.3.3, Federal No. 0226028 NC 226 from US 19 East to SR 1250 (Snow Creek Road). Funds are needed for construction to upgrade guardrails.	\$290,000.00 \$261,000.00 \$29,000.00	Cost Fed. State
Mitchell Co. HS-2013D REGIONAL	49333.3.5, Federal No. 0226029 NC 226 from SR 1250 (Snow Creek Road) to NC 261. Funds are needed for construction to upgrade guardrails.	\$272,000.00 \$244,800.00 \$27,200.00	Cost Fed. State
Rutherford/ McDowell Co. W-5813J STATEWIDE	48958.1.11, Federal No. 0221055 US 221 from US 64 in Rutherford County to I-40 in McDowell County. Funds are needed for preliminary engineering.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Burke Co. HA-0001 EXEMPT	49332.1.1, Federal No. 1311019 Local Access Road into Burke County Industrial Park. Funds are needed for preliminary engineering. This is an Appalachian Development project.	\$200,000.00 Cost \$200,000.00 Fed.
Divisionwide R-5793C DIVISION	44923.3.6, TAP-1302(075) ADA Ramps (Americans with Disabilities Act) for areas with populations < 5,000 in Burke, McDowell, Mitchell, and Rutherford Counties. \$546,250.00 has previously been approved for construction. Funds need to be decreased (\$159,515.00). Work associated with this WBS is complete. This WBS will be closed. The state match for this project uses Division 13 Contract Resurfacing funds.	(\$159,515.00) Cost (\$127,576.00) Fed. (\$31,939.00) State

NCDOT March 2021 Board of Transportation Agenda Approval of Funds for Specific Federal - Aid Projects

Division 14

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co. W-5814A REGIONAL	48959.1.2, Federal No. 0276018 US 276 (Jonathan Creek Road) at 0.3 mile south of SR 1326 (Bob Boyd Road) near Dellwood. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Macon Co. HS-2014A REGIONAL	49336.3.2, Federal No. 0064212 US 64 / NC 28 from SR 1560 (Rogers Road) to SR 1533 (Walnut Creek Road) near Franklin. Funds are needed for construction to install pavement markings, centerline rumblestrips, and intermittent paved shoulders.	\$1,200,000.00 Cost \$1,080,000.00 Fed. \$120,000.00 State

Rural

Swain Co. A-0009 EXEMPT	32572.1.FS10, APD-0074(178) Future US 74 Corridor "K" from US 19 / US 74 / US 129 at Andrews to NC 28 east of Almond. \$5,871,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is an Appalachian Development project.	\$5,461,621.00 Cost \$5,461,621.00 Fed.
-------------------------------	---	--

Bicycle and Pedestrian

Transylvania Co. EB-5858 DIVISION	47314.1.1, TAP-1402(012) Pedestrian bridge over the Davidson River in Brevard, approximately 0.1 mile north of NC 280 / US 64 to connect with existing US 276 greenway. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 Local
--	---	---

**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide C-5600VA EXEMPT	50061.5.21, Federal No. 0332144 North Carolina Ports Authority Operational Subsidy for the Queen City Express. \$4,115,943.00 has previously been approved for operations. Additional funds are needed to continue intermodal rail service between the Port of Wilmington and the CSX Intermodal Terminal (Charlotte Inland Port). The non-Federal match is provided by the North Carolina State Ports Authority.	\$1,830,000.00 Cost \$1,464,000.00 Fed. \$366,000.00 Other

Bridge

Statewide B-9999 SW/REG/DIV	33842.3.1, BR-000S(234) Statewide Bridge Inspection Program. \$121,307,744.50 has previously been approved for bridge inspections. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Strategic Impact funds for this project are 40% Statewide Mobility, 30% Regional Impact, and 30% Division Needs.	\$18,750,000.00 Cost \$15,000,000.00 Fed. \$3,750,000.00 State
-----------------------------------	---	--

ITEM M SUMMARY - 85 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$41,549,381.00

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 2

* TL-0009

PITT

PROJ.CATEGORY

PUBLIC TRANS

FLEET SERVICE BUILDING EXPANSION.

**ADD PROJECT TL-0009 TO STIP FOR FY 2021. NEW
PROJECT DEVELOPED FOR FEDERAL FUNDING
AWARD. PROJECT ADDED AT THE REQUEST OF
GREENVILLE URBAN AREA MPO**

CONSTRUCTION	FY 2021 -	\$13,000	(L)
	FY 2021 -	\$113,000	(CARES)
	FY 2022 -	\$85,000	(L)
	FY 2022 -	\$765,000	(CARES)
		\$976,000	

STIP MODIFICATIONS

DIVISION 1

* B-6053

PASQUOTANK

PROJ.CATEGORY

DIVISION

PROVIDENCE ROAD, REPLACE BRIDGE 690034 OVER
KNOBBS CREEK TRIBUTARY IN ELIZABETH CITY.

**ACCELERATE UTILITIES FROM FY 24 TO FY 21 AND
CONSTRUCTION FROM FY 26 TO FY 21 AT REQUEST
OF THE CITY AND THE DIVISION DUE TO BRIDGE
CONDITION. REMOVE RIGHT-OF-WAY PREVIOUSLY
PROGRAMMED IN FY 24.**

UTILITIES	FY 2021 -	\$40,000	(BGOFF)
	FY 2021 -	\$10,000	(L)
CONSTRUCTION	FY 2021 -	\$400,000	(BGOFF)
	FY 2021 -	\$700,000	(L)
		\$1,150,000	

DIVISION 2

R-5942

GREENE

PROJ.CATEGORY

DIVISION

US 13/US 258, NC 91 TO US 258 SPLIT. UPGRADE TO
FREEWAY.

**COST INCREASE EXCEEDING \$2 MILLION AND 25%
THRESHOLDS.**

RIGHT-OF-WAY	FY 2029 -	\$3,500,000	(T)
	POST YR-	\$3,500,000	(T)
UTILITIES	FY 2029 -	\$2,279,000	(T)
CONSTRUCTION	POST YR-	\$71,200,000	(T)
		\$80,479,000	

DIVISION 3

EB-6039

NEW HANOVER

PROJ.CATEGORY

DIVISION

CAROLINA BEACH, CONSTRUCT BIKE LANES ALONG
ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE
PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA
BEACH.

**TO ALLOW ADDITIONAL TIME FOR PLANNING AND
DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY
22.**

ENGINEERING	FY 2020 -	\$59,000	(TADA)
	FY 2020 -	\$15,000	(L)
CONSTRUCTION	FY 2022 -	\$333,000	(TADA)
	FY 2022 -	\$83,000	(L)
		\$490,000	

* HO-0002C

BRUNSWICK

COLUMBUS

ROBESON

PROJ.CATEGORY

STATEWIDE

US 74, I-95 IN LUMBERTON TO I-140 IN WILMINGTON.
INSTALL BROADBAND.

**ADD CONSTRUCTION IN FY 21 NOT PREVIOUSLY
PROGRAMMED.**

CONSTRUCTION	FY 2021 -	\$4,705,000	(HSIP)
	FY 2021 -	\$523,000	(S(M))
	FY 2022 -	\$4,705,000	(HSIP)
	FY 2022 -	\$523,000	(S(M))
		\$10,456,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 3

* U-6104	US 17 (SHALLOTTE BYPASS), US 17 BUSINESS SOUTH	RIGHT-OF-WAY	FY 2029 -	\$2,250,000	(NHP)
BRUNSWICK	(MAIN STREET). UPGRADE EXISTING AT GRADE		POST YR-	\$2,250,000	(NHP)
PROJ.CATEGORY	INTERSECTION TO INTERCHANGE.	UTILITIES	FY 2029 -	\$500,000	(NHP)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	POST YR-	\$19,200,000	(NHP)
				\$24,200,000	

DIVISION 4

U-5724	US 13 (BERKELEY BOULEVARD), REALIGNMENT OF SR	CONSTRUCTION	FY 2023 -	\$7,200,000	(T)
WAYNE	1709 (CENTRAL HEIGHTS ROAD) AT BERKELEY		FY 2024 -	\$7,200,000	(T)
PROJ.CATEGORY	BOULEVARD IN GOLDSBORO.			\$14,400,000	
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION, DELAY CONSTRUCTION FROM FY 21 TO FY 23.</u>				

DIVISION 5

C-5604	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$317,000	(CMAQ)
GRANVILLE	AIR QUALITY IN THE CAPITAL AREA MPO.		FY 2020 -	\$79,000	(L)
FRANKLIN	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$317,000	(CMAQ)
JOHNSTON	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$79,000	(L)
WAKE	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$317,000	(CMAQ)
PROJ.CATEGORY	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$79,000	(L)
EXEMPT		RIGHT-OF-WAY	FY 2020 -	\$317,000	(CMAQ)
			FY 2020 -	\$79,000	(L)
			FY 2021 -	\$317,000	(CMAQ)
			FY 2021 -	\$79,000	(L)
			FY 2022 -	\$317,000	(CMAQ)
			FY 2022 -	\$79,000	(L)
		CONSTRUCTION	FY 2020 -	\$6,299,000	(CMAQ)
			FY 2020 -	\$1,575,000	(L)
			FY 2021 -	\$6,299,000	(CMAQ)
			FY 2021 -	\$1,575,000	(L)
			FY 2022 -	\$6,299,000	(CMAQ)
			FY 2022 -	\$1,575,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$317,000	(CMAQ)
			FY 2020 -	\$79,000	(L)
			FY 2021 -	\$317,000	(CMAQ)
			FY 2021 -	\$79,000	(L)
			FY 2022 -	\$317,000	(CMAQ)
			FY 2022 -	\$79,000	(L)
		OPERATIONS	FY 2020 -	\$317,000	(CMAQ)
			FY 2020 -	\$79,000	(L)
			FY 2021 -	\$317,000	(CMAQ)
			FY 2021 -	\$79,000	(L)
			FY 2022 -	\$317,000	(CMAQ)
			FY 2022 -	\$79,000	(L)
				\$28,374,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

C-5610	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$28,000	(CMAQ)
GRANVILLE	AIR QUALITY IN THE KERR-TAR RPO.		FY 2020 -	\$7,000	(L)
PERSON	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$28,000	(CMAQ)
FRANKLIN	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$7,000	(L)
PROJ.CATEGORY	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$28,000	(CMAQ)
EXEMPT	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$7,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$28,000	(CMAQ)
			FY 2020 -	\$7,000	(L)
			FY 2021 -	\$28,000	(CMAQ)
			FY 2021 -	\$7,000	(L)
			FY 2022 -	\$28,000	(CMAQ)
			FY 2022 -	\$7,000	(L)
		CONSTRUCTION	FY 2020 -	\$165,000	(CMAQ)
			FY 2020 -	\$41,000	(L)
			FY 2021 -	\$165,000	(CMAQ)
			FY 2021 -	\$41,000	(L)
			FY 2022 -	\$165,000	(CMAQ)
			FY 2022 -	\$41,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$28,000	(CMAQ)
			FY 2020 -	\$7,000	(L)
			FY 2021 -	\$28,000	(CMAQ)
			FY 2021 -	\$7,000	(L)
			FY 2022 -	\$28,000	(CMAQ)
			FY 2022 -	\$7,000	(L)
		OPERATIONS	FY 2020 -	\$28,000	(CMAQ)
			FY 2020 -	\$7,000	(L)
			FY 2021 -	\$28,000	(CMAQ)
			FY 2021 -	\$7,000	(L)
			FY 2022 -	\$28,000	(CMAQ)
			FY 2022 -	\$7,000	(L)
				\$1,038,000	
EB-5715	US 501 BYPASS (NORTH DUKE STREET), MURRAY	RIGHT-OF-WAY	FY 2021 -	\$237,000	(TAANY)
DURHAM	AVENUE TO US 501 BUSINESS (NORTH ROXBORO		FY 2021 -	\$59,000	(L)
PROJ.CATEGORY	ROAD) IN DURHAM. CONSTRUCT SIDEWALK ON EAST	CONSTRUCTION	FY 2022 -	\$2,144,000	(TAANY)
DIVISION	SIDE TO FILL IN EXISTING GAPS.		FY 2022 -	\$536,000	(L)
	<u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE,</u>			\$2,976,000	
	<u>DELAY RIGHT OF WAY FROM FY 20 TO FY 21 AT</u>				
	<u>REQUEST OF MPO.</u>				
EB-5720	BRYANT BRIDGE NORTH / GOOSE CREEK WEST TRAIL,	RIGHT-OF-WAY	FY 2022 -	\$3,000	(TAANY)
DURHAM	NC 55 TO TO DREW-GRANBY PARK IN DURHAM.		FY 2022 -	\$11,000	(L)
PROJ.CATEGORY	CONSTRUCT SHARED-USE PATH AND CONNECTING	CONSTRUCTION	FY 2023 -	\$3,524,000	(TAANY)
DIVISION	SIDEWALKS.		FY 2023 -	\$908,000	(L)
	<u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE,</u>			\$4,446,000	
	<u>DELAY CONSTRUCTION FROM FY 22 TO FY 23 AT</u>				
	<u>REQUEST OF MPO.</u>				

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

* EB-5834	NC 157 / SR 1322 (GUESS ROAD), HILLCREST DRIVE TO	ENGINEERING	FY 2023 -	\$84,000	(TAANY)
DURHAM	SR 1407 (WEST CARVER STREET) IN DURHAM.		FY 2023 -	\$24,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALKS ON BOTH SIDES.	RIGHT-OF-WAY	FY 2025 -	\$163,000	(TAANY)
DIVISION	<u>TO ACCOMMODATE ACCELERATION OF U-5823,</u>		FY 2025 -	\$41,000	(L)
	<u>DELAY ENGINEERING FROM FY 19 TO FY 23, RIGHT OF</u>	CONSTRUCTION	FY 2026 -	\$471,000	(TAANY)
	<u>WAY FROM FY 21 TO FY 25, AND CONSTRUCTION</u>		FY 2026 -	\$118,000	(L)
	<u>FROM FY 22 TO FY 26 AT REQUEST OF MPO.</u>			<u>\$901,000</u>	

* EB-5835	NC 55 (ALSTON AVENUE), SR 1171 (RIDDLE ROAD) TO	ENGINEERING	FY 2025 -	\$84,000	(TAANY)
DURHAM	CECIL STREET IN DURHAM. CONSTRUCT SIDEWALK		FY 2025 -	\$21,000	(L)
PROJ.CATEGORY	ON EAST SIDE TO FILL IN MISSING GAPS.	RIGHT-OF-WAY	FY 2027 -	\$40,000	(TAANY)
DIVISION	<u>TO ACCOMMODATE ACCELERATION OF U-5823,</u>		FY 2027 -	\$10,000	(L)
	<u>DELAY ENGINEERING FROM FY 20 TO FY 25, RIGHT OF</u>	CONSTRUCTION	FY 2028 -	\$420,000	(TAANY)
	<u>WAY FROM FY 22 TO FY 27, AND CONSTRUCTION</u>		FY 2028 -	\$105,000	(L)
	<u>FROM FY 23 TO FY 28 AT REQUEST OF MPO.</u>			<u>\$680,000</u>	

* HL-0006	US 401, SR 1393 (HILLTOP-NEEDMORE ROAD) / SR	RIGHT-OF-WAY	FY 2024 -	\$7,500,000	(NHPBA)
WAKE	2751 (HILLTOP ROAD) / SR 2752 (AIR PARK ROAD)	UTILITIES	FY 2024 -	\$400,000	(NHPBA)
PROJ.CATEGORY	INTERSECTION AND SR 1375 (LAKE WHEELER ROAD)	CONSTRUCTION	FY 2025 -	\$13,400,000	(NHPBA)
EXEMPT	INTERSECTION IN FUQUAY-VARINA. CONVERT TO			\$21,300,000	
	REDUCED-CONFLICT INTERSECTIONS AND REALIGN				
	SR 2751 TO INTERSECT OPPOSITE SR 1375.				
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>				
	<u>THRESHOLDS.</u>				

* HO-0001AA	NCSU CAMPUS, CONNECTED VEHICLE	ENGINEERING	FY 2021 -	\$85,000	(DP)
WAKE	INFRASTRUCTURE, TRAFFIC SIGNAL SYSTEM		FY 2021 -	\$84,000	(S)
PROJ.CATEGORY	IMPROVEMENTS, SAFETY APPLICATION AND	CONSTRUCTION	FY 2021 -	\$804,000	(DP)
EXEMPT	SYSTEMS ENGINEERING		FY 2021 -	\$804,000	(S)
	<u>ADD NEW PROJECT BREAK AT REQUEST OF</u>			<u>\$1,777,000</u>	
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

* HO-0001AB	NCSU CAMPUS, TRANSIT SIGNAL PRIORITY	ENGINEERING	FY 2022 -	\$70,000	(DP)
WAKE	APPLICATION AND DATA COLLECTION AND		FY 2022 -	\$70,000	(S)
PROJ.CATEGORY	MANAGEMENT	RIGHT-OF-WAY	FY 2022 -	\$24,000	(DP)
EXEMPT	<u>ADD NEW PROJECT BREAK AT REQUEST OF</u>		FY 2022 -	\$24,000	(S)
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2022 -	\$430,000	(DP)
			FY 2022 -	\$430,000	(S)
				<u>\$1,048,000</u>	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

* HO-0001AC	NCSU CAMPUS, ECO DRIVING APPLICATION	ENGINEERING	FY 2023 -	\$37,000	(DP)
WAKE	<u>ADD NEW PROJECT BREAK AT REQUEST OF</u>		FY 2023 -	\$37,000	(S)
PROJ.CATEGORY	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 -	\$282,000	(DP)
EXEMPT			FY 2023 -	\$282,000	(S)
			FY 2024 -	\$70,000	(DP)
			FY 2024 -	\$70,000	(S)
				<u>\$778,000</u>	
* U-4724	SR 1158 (CORNWALLIS ROAD), SR 2295 (SOUTH	RIGHT-OF-WAY	FY 2021 -	\$1,785,000	(BGANY)
DURHAM	ROXBORO STREET) TO SR 1127 (CHAPEL HILL ROAD)		FY 2021 -	\$448,000	(L)
PROJ.CATEGORY	IN DURHAM. BICYCLE AND PEDESTRIAN FEATURES.	CONSTRUCTION	FY 2024 -	\$3,409,000	(BGANY)
TRANSITION	<u>TO REFLECT CURRENT CITY DELIVERY SCHEDULE</u>		FY 2024 -	\$606,000	(BGDA)
	<u>DELAY CONSTRUCTION FROM FY 22 TO FY 24 AT</u>		FY 2024 -	\$1,003,000	(L)
	<u>REQUEST OF MPO.</u>			<u>\$7,251,000</u>	
* U-5823	WOODCROFT PARKWAY EXTENSION, SR 1116	RIGHT-OF-WAY	FY 2021 -	\$301,000	(BGANY)
DURHAM	(GARRETT ROAD) TO NC 751 (HOPE VALLEY ROAD) IN		FY 2021 -	\$75,000	(L)
PROJ.CATEGORY	DURHAM. CONSTRUCT ROADWAY ON NEW	UTILITIES	FY 2021 -	\$1,295,000	(BGANY)
DIVISION	ALIGNMENT.		FY 2021 -	\$324,000	(L)
	<u>TO REFLECT PRIORITY NEED, ACCELERATE RIGHT OF</u>	CONSTRUCTION	FY 2025 -	\$1,438,000	(BGANY)
	<u>WAY FROM FY 29 TO FY 21 AND CONSTRUCTION</u>		FY 2025 -	\$360,000	(L)
	<u>FROM POST YEAR TO FY 25 AT REQUEST OF MPO.</u>			<u>\$3,793,000</u>	
* U-5936	SR 1728 (WADE AVENUE), I-40 TO I-440 IN RALEIGH.	RIGHT-OF-WAY	FY 2028 -	\$1,120,000	(T)
WAKE	ADD LANES.	UTILITIES	FY 2028 -	\$441,000	(T)
PROJ.CATEGORY	<u>TO ASSIST IN BALANCING FUNDS. DELAY RIGHT-OF-</u>	CONSTRUCTION	POST YR	\$45,400,000	(T)
STATEWIDE	<u>WAY FROM FY 23 TO FY 28 AND CONSTRUCTION</u>			<u>\$46,961,000</u>	
	<u>FROM FY 27 TO POST YEAR.</u>				

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

C-5602

GUILFORD

ORANGE

PROJ.CATEGORY

EXEMPT

VARIOUS, PROJECTS TO IMPROVE CONGESTION AND
AIR QUALITY IN THE BURLINGTON-GRAHAM MPO.

**ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,
IMPLEMENTATION, AND OPERATIONS IN FY 21 AND
FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW
FOR POTENTIAL FUTURE AUTHORIZATIONS.**

ENGINEERING	FY 2020 -	\$5,000	(CMAQ)
	FY 2020 -	\$1,000	(L)
	FY 2021 -	\$5,000	(CMAQ)
	FY 2021 -	\$1,000	(L)
	FY 2022 -	\$5,000	(CMAQ)
	FY 2022 -	\$1,000	(L)
RIGHT-OF-WAY	FY 2020 -	\$5,000	(CMAQ)
	FY 2020 -	\$1,000	(L)
	FY 2021 -	\$5,000	(CMAQ)
	FY 2021 -	\$1,000	(L)
	FY 2022 -	\$5,000	(CMAQ)
	FY 2022 -	\$1,000	(L)
CONSTRUCTION	FY 2020 -	\$26,000	(CMAQ)
	FY 2020 -	\$7,000	(L)
	FY 2021 -	\$26,000	(CMAQ)
	FY 2021 -	\$7,000	(L)
	FY 2022 -	\$26,000	(CMAQ)
	FY 2022 -	\$7,000	(L)
IMPLEMENTATIO	FY 2020 -	\$5,000	(CMAQ)
	FY 2020 -	\$1,000	(L)
	FY 2021 -	\$5,000	(CMAQ)
	FY 2021 -	\$1,000	(L)
	FY 2022 -	\$5,000	(CMAQ)
	FY 2022 -	\$1,000	(L)
OPERATIONS	FY 2020 -	\$5,000	(CMAQ)
	FY 2020 -	\$1,000	(L)
	FY 2021 -	\$5,000	(CMAQ)
	FY 2021 -	\$1,000	(L)
	FY 2022 -	\$5,000	(CMAQ)
	FY 2022 -	\$1,000	(L)
		\$171,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

C-5607
GUILFORD

PROJ.CATEGORY

EXEMPT

VARIOUS, PROJECTS TO IMPROVE CONGESTION AND
AIR QUALITY IN THE GREENSBORO URBAN AREA MPO.

**ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,
IMPLEMENTATION, AND OPERATIONS IN FY 21 AND
FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW
FOR POTENTIAL FUTURE AUTHORIZATIONS.**

ENGINEERING	FY 2020 -	\$96,000	(CMAQ)
	FY 2020 -	\$24,000	(L)
	FY 2021 -	\$96,000	(CMAQ)
	FY 2021 -	\$24,000	(L)
	FY 2022 -	\$96,000	(CMAQ)
	FY 2022 -	\$24,000	(L)
RIGHT-OF-WAY	FY 2020 -	\$96,000	(CMAQ)
	FY 2020 -	\$24,000	(L)
	FY 2021 -	\$96,000	(CMAQ)
	FY 2021 -	\$24,000	(L)
	FY 2022 -	\$96,000	(CMAQ)
	FY 2022 -	\$24,000	(L)
CONSTRUCTION	FY 2020 -	\$574,000	(CMAQ)
	FY 2020 -	\$144,000	(L)
	FY 2021 -	\$574,000	(CMAQ)
	FY 2021 -	\$144,000	(L)
	FY 2022 -	\$574,000	(CMAQ)
	FY 2022 -	\$144,000	(L)
IMPLEMENTATIO	FY 2020 -	\$96,000	(CMAQ)
	FY 2020 -	\$24,000	(L)
	FY 2021 -	\$96,000	(CMAQ)
	FY 2021 -	\$24,000	(L)
	FY 2022 -	\$96,000	(CMAQ)
	FY 2022 -	\$24,000	(L)
OPERATIONS	FY 2020 -	\$96,000	(CMAQ)
	FY 2020 -	\$24,000	(L)
	FY 2021 -	\$96,000	(CMAQ)
	FY 2021 -	\$24,000	(L)
	FY 2022 -	\$96,000	(CMAQ)
	FY 2022 -	\$24,000	(L)
		\$3,594,000	

EB-5721
ORANGE

PROJ.CATEGORY

DIVISION

ORANGE COUNTY BICYCLE ROUTE 1, CLELAND DRIVE
TO WILLOW DRIVE IN CHAPEL HILL. UPGRADE
EXISTING OFF-ROAD PATH AND CONSTRUCT NEW
SECTION OF PATH.

**TO REFLECT CURRENT TOWN DELIVERY SCHEDULE,
DELAY CONSTRUCTION FROM FY 21 TO FY 22 AT
REQUEST OF MPO.**

CONSTRUCTION	FY 2022 -	\$775,000	(TAANY)
	FY 2022 -	\$194,000	(L)
		\$969,000	

* EB-5880
ORANGE

PROJ.CATEGORY

DIVISION

SR 1005 (JONES FERRY ROAD), DAVIE ROAD TO SR
1010 (WEST MAIN STREET) IN CARRBORO.
CONSTRUCT SIDEWALK ON NORTH SIDE.

**TO REFLECT CURRENT TOWN DELIVERY SCHEDULE,
DELAY ENGINEERING FROM FY 22 TO FY 23, RIGHT-
OF-WAY FROM FY 23 TO FY 24, AND CONSTRUCTION
FROM FY 24 TO FY 25 AT REQUEST OF MPO.**

ENGINEERING	FY 2023 -	\$71,000	(TAANY)
	FY 2023 -	\$18,000	(L)
RIGHT-OF-WAY	FY 2024 -	\$25,000	(TAANY)
	FY 2024 -	\$6,000	(L)
CONSTRUCTION	FY 2025 -	\$353,000	(TAANY)
	FY 2025 -	\$88,000	(L)
		\$561,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

<p>* EB-5886A ORANGE PROJ.CATEGORY DIVISION</p>	<p>SR 1780 (ESTES DRIVE), SR 1772 (NORTH GREENSBORO STREET) TO SOUTH OF NORFOLK-SOUTHERN RR TRACKS IN CARRBORO <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 20 TO FY 22, RIGHT-OF-WAY FROM FY 21 TO FY 24, AND CONSTRUCTION FROM FY 22 TO FY 26 AT REQUEST OF MPO.</u></p>	<p>ENGINEERING RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2022 - FY 2022 - FY 2024 - FY 2024 - FY 2026 - FY 2026 -</p>	<p>\$136,000 \$34,000 \$37,000 \$9,000 \$678,000 \$170,000</p>	<p>(TAANY) (L) (TAANY) (L) (TAANY) (L)</p>
			<p><u>\$1,064,000</u></p>		

<p>* EB-5886B ORANGE PROJ.CATEGORY DIVISION</p>	<p>SR 1780 (ESTES DRIVE), SOUTH OF NORFOLK-SOUTHERN RR TRACKS TO NC 86 (MARTIN LUTHER KING, JR. BLVD) IN CHAPEL HILL <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 20 TO FY 22, RIGHT-OF-WAY FROM FY 21 TO FY 23, AND CONSTRUCTION FROM FY 22 TO FY 25 AT REQUEST OF MPO.</u></p>	<p>ENGINEERING RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2022 - FY 2022 - FY 2023 - FY 2023 - FY 2025 - FY 2025 -</p>	<p>\$427,000 \$107,000 \$691,000 \$173,000 \$2,483,000 \$621,000</p>	<p>(TAANY) (L) (TAANY) (L) (TAANY) (L)</p>
			<p><u>\$4,502,000</u></p>		

<p>* EB-5890 ORANGE PROJ.CATEGORY DIVISION</p>	<p>BARNES STREET, KING STREET TO SR 1005 (JONES FERRY ROAD) IN CARRBORO. CONSTRUCT SIDEWALK. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 22 TO FY 23, RIGHT-OF-WAY FROM FY 23 TO FY 24, AND CONSTRUCTION FROM FY 24 TO FY 25 AT REQUEST OF MPO.</u></p>	<p>ENGINEERING RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2023 - FY 2023 - FY 2024 - FY 2024 - FY 2025 - FY 2025 -</p>	<p>\$37,000 \$9,000 \$13,000 \$3,000 \$184,000 \$46,000</p>	<p>(TAANY) (L) (TAANY) (L) (TAANY) (L)</p>
			<p><u>\$292,000</u></p>		

<p>* EB-5994 ORANGE PROJ.CATEGORY DIVISION</p>	<p>NC 54, ANDERSON PARK TO JAMES STREET IN CARRBORO. CONSTRUCT MULTIUSE PATH ON NORTH SIDE OF NC 54. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 22 TO FY 24, RIGHT-OF-WAY FROM FY 24 TO FY 26, AND CONSTRUCTION FROM FY 26 TO FY 28 AT REQUEST OF MPO.</u></p>	<p>ENGINEERING RIGHT-OF-WAY CONSTRUCTION</p>	<p>FY 2024 - FY 2024 - FY 2026 - FY 2026 - FY 2028 - FY 2028 -</p>	<p>\$190,000 \$48,000 \$34,000 \$9,000 \$950,000 \$238,000</p>	<p>(TAANY) (L) (TAANY) (L) (TAANY) (L)</p>
			<p><u>\$1,469,000</u></p>		

<p>EB-5998 ORANGE PROJ.CATEGORY DIVISION</p>	<p>US 15 / US 501, WILLOW DRIVE TO SR 1741 / SR 1838 (OLD DURHAM-CHAPEL HILL ROAD) IN CHAPEL HILL. CONSTRUCT MULTIUSE PATHS. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 22 TO FY 23 AND CONSTRUCTION FROM FY 24 TO FY 26 AT REQUEST OF MPO.</u></p>	<p>ENGINEERING CONSTRUCTION</p>	<p>FY 2023 - FY 2023 - FY 2026 - FY 2026 -</p>	<p>\$163,000 \$41,000 \$1,635,000 \$409,000</p>	<p>(TAANY) (L) (TAANY) (L)</p>
			<p><u>\$2,248,000</u></p>		

<p>I-5964 GUILFORD PROJ.CATEGORY</p>	<p>I-40 / BUSINESS 85 / US 29 / US 70 / US 220, ELM-EUGENE STREET IN GREENSBORO. INTERCHANGE IMPROVEMENTS. <u>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 21 AT REQUEST OF DIVISION, BASED ON PRIORITY NEED.</u></p>	<p>CONSTRUCTION</p>	<p>FY 2021 -</p>	<p>\$500,000 \$500,000</p>	<p>(NHP)</p>
---	--	---------------------	------------------	--------------------------------	--------------

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

R-5725	NC 68, SR 2129 (FOGLEMEN ROAD) TO NC 150	RIGHT-OF-WAY	FY 2022 -	\$1,287,000	(T)
GUILFORD	INTERSECTION IN OAK RIDGE. INTERSECTION	UTILITIES	FY 2022 -	\$500,000	(T)
PROJ.CATEGORY	IMPROVEMENTS, ACCESS MANAGEMENT AND SAFETY	CONSTRUCTION	FY 2023 -	\$3,000,000	(T)
REGIONAL	ENHANCEMENTS.		FY 2024 -	<u>\$3,000,000</u>	(T)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$7,787,000	
	<u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22</u>				
	<u>AND CONSTRUCTION FROM FY 22 TO FY 23.</u>				

DIVISION 8

C-5605	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$119,000	(CMAQ)
ORANGE	AIR QUALITY IN THE DURHAM / CHAPEL HILL /		FY 2020 -	\$30,000	(L)
CHATHAM	CARRBORO MPO.		FY 2021 -	\$119,000	(CMAQ)
DURHAM	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$30,000	(L)
PROJ.CATEGORY	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2022 -	\$119,000	(CMAQ)
EXEMPT	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$30,000	(L)
	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>				
		RIGHT-OF-WAY	FY 2020 -	\$119,000	(CMAQ)
			FY 2020 -	\$30,000	(L)
			FY 2021 -	\$119,000	(CMAQ)
			FY 2021 -	\$30,000	(L)
			FY 2022 -	\$119,000	(CMAQ)
			FY 2022 -	\$30,000	(L)
		CONSTRUCTION	FY 2020 -	\$1,464,000	(CMAQ)
			FY 2020 -	\$366,000	(L)
			FY 2021 -	\$1,464,000	(CMAQ)
			FY 2021 -	\$366,000	(L)
			FY 2022 -	\$1,464,000	(CMAQ)
			FY 2022 -	\$366,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$119,000	(CMAQ)
			FY 2020 -	\$30,000	(L)
			FY 2021 -	\$119,000	(CMAQ)
			FY 2021 -	\$30,000	(L)
			FY 2022 -	\$119,000	(CMAQ)
			FY 2022 -	\$30,000	(L)
		OPERATIONS	FY 2020 -	\$119,000	(CMAQ)
			FY 2020 -	\$30,000	(L)
			FY 2021 -	\$119,000	(CMAQ)
			FY 2021 -	\$30,000	(L)
			FY 2022 -	\$119,000	(CMAQ)
			FY 2022 -	<u>\$30,000</u>	(L)
				\$7,278,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 8

C-5618	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$12,000	(CMAQ)
CHATHAM	AIR QUALITY IN THE TRIANGLE AREA RPO.		FY 2020 -	\$3,000	(L)
ORANGE	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$12,000	(CMAQ)
PROJ.CATEGORY	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$3,000	(L)
EXEMPT	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$12,000	(CMAQ)
	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$3,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$12,000	(CMAQ)
			FY 2020 -	\$3,000	(L)
			FY 2021 -	\$12,000	(CMAQ)
			FY 2021 -	\$3,000	(L)
			FY 2022 -	\$12,000	(CMAQ)
			FY 2022 -	\$3,000	(L)
		CONSTRUCTION	FY 2020 -	\$68,000	(CMAQ)
			FY 2020 -	\$17,000	(L)
			FY 2021 -	\$68,000	(CMAQ)
			FY 2021 -	\$17,000	(L)
			FY 2022 -	\$68,000	(CMAQ)
			FY 2022 -	\$17,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$12,000	(CMAQ)
			FY 2020 -	\$3,000	(L)
			FY 2021 -	\$12,000	(CMAQ)
			FY 2021 -	\$3,000	(L)
			FY 2022 -	\$12,000	(CMAQ)
			FY 2022 -	\$3,000	(L)
		OPERATIONS	FY 2020 -	\$12,000	(CMAQ)
			FY 2020 -	\$3,000	(L)
			FY 2021 -	\$12,000	(CMAQ)
			FY 2021 -	\$3,000	(L)
			FY 2022 -	\$12,000	(CMAQ)
			FY 2022 -	\$3,000	(L)
				\$435,000	

* EB-5863	US 1 BUSINESS (CARTHAGE STREET), NC 42 (WICKER	ENGINEERING	FY 2021 -	\$236,000	(TA5200)
LEE	STREET) TO CHATHAM STREET IN SANFORD.		FY 2021 -	\$59,000	(L)
PROJ.CATEGORY	REDUCE NUMBER OF LANES AND CONSTRUCT	RIGHT-OF-WAY	FY 2022 -	\$120,000	(TA5200)
DIVISION	BICYCLE / PEDESTRIAN ACCOMMODATIONS.		FY 2022 -	\$30,000	(L)
	<u>ADD PE IN FY 21 NOT PREVIOUSLY PROGRAMMED AT</u>	CONSTRUCTION	FY 2022 -	\$1,175,000	(TA5200)
	<u>REQUEST OF DIVISION AND CITY.</u>		FY 2022 -	\$294,000	(L)
				\$1,914,000	

* EB-6015A	US 401 BUSINESS (SOUTH MAIN STREET), SR 1674	ENGINEERING	FY 2022 -	\$53,000	(TA5200)
SCOTLAND	(LAUCHWOOD DRIVE) TO PLAZA ROAD IN		FY 2022 -	\$13,000	(L)
PROJ.CATEGORY	LAURINBURG. CONSTRUCT SIDEWALKS	RIGHT-OF-WAY	FY 2022 -	\$61,000	(TA5200)
DIVISION	<u>ACCELERATE RIGHT OF WAY FROM FY 24 TO FY 22</u>		FY 2022 -	\$15,000	(L)
	<u>AND CONSTRUCTION FROM FY 25 TO 23 AT REQUEST</u>	CONSTRUCTION	FY 2023 -	\$264,000	(TA5200)
	<u>OF RPO TO CORRESPOND TO CURRENT DELIVERY</u>		FY 2023 -	\$66,000	(L)
	<u>SCHEDULE FOR EB-5866, WHICH IS BEING DELETED.</u>			\$472,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 8

* U-5813
RANDOLPH

PROJ.CATEGORY
REGIONAL

US 64, ASHEBORO BYPASS TO EAST OF I-73 / I-74 / US
220 IN ASHEBORO. WIDEN TO MULTILANES,
RECONSTRUCT INTERCHANGE AT NC 49, MODIFY
INTERCHANGE AT I-73 / I-74 / US 220 AND REPLACE
BRIDGE 750171 OVER US 64 AND NC 49.

**COST INCREASE EXCEEDING \$2 MILLION AND 25%
THRESHOLDS.**

RIGHT-OF-WAY	FY 2021 -	\$7,967,000	(NHP)
	FY 2022 -	\$7,967,000	(NHP)
UTILITIES	FY 2021 -	\$200,000	(NHP)
	FY 2022 -	\$199,000	(NHP)
CONSTRUCTION	FY 2022 -	\$10,634,000	(NHP)
	FY 2023 -	\$10,633,000	(NHP)
	FY 2024 -	\$10,633,000	(NHP)
		<u>\$48,233,000</u>	

DIVISION 9

C-5609
FORSYTH
GUILFORD
DAVIDSON

PROJ.CATEGORY
EXEMPT

VARIOUS, PROJECTS TO IMPROVE CONGESTION AND
AIR QUALITY IN THE HIGH POINT MPO.

**ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,
IMPLEMENTATION, AND OPERATIONS IN FY 21 AND
FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW
FOR POTENTIAL FUTURE AUTHORIZATIONS.**

ENGINEERING	FY 2020 -	\$65,000	(CMAQ)
	FY 2020 -	\$16,000	(L)
	FY 2021 -	\$65,000	(CMAQ)
	FY 2021 -	\$16,000	(L)
	FY 2022 -	\$65,000	(CMAQ)
	FY 2022 -	\$16,000	(L)
RIGHT-OF-WAY	FY 2020 -	\$65,000	(CMAQ)
	FY 2020 -	\$16,000	(L)
	FY 2021 -	\$65,000	(CMAQ)
	FY 2021 -	\$16,000	(L)
	FY 2022 -	\$65,000	(CMAQ)
	FY 2022 -	\$16,000	(L)
CONSTRUCTION	FY 2020 -	\$388,000	(CMAQ)
	FY 2020 -	\$97,000	(L)
	FY 2021 -	\$388,000	(CMAQ)
	FY 2021 -	\$97,000	(L)
	FY 2022 -	\$388,000	(CMAQ)
	FY 2022 -	\$97,000	(L)
IMPLEMENTATIO	FY 2020 -	\$65,000	(CMAQ)
	FY 2020 -	\$16,000	(L)
	FY 2021 -	\$65,000	(CMAQ)
	FY 2021 -	\$16,000	(L)
	FY 2022 -	\$65,000	(CMAQ)
	FY 2022 -	\$16,000	(L)
OPERATIONS	FY 2020 -	\$65,000	(CMAQ)
	FY 2020 -	\$16,000	(L)
	FY 2021 -	\$65,000	(CMAQ)
	FY 2021 -	\$16,000	(L)
	FY 2022 -	\$65,000	(CMAQ)
	FY 2022 -	\$16,000	(L)
		<u>\$2,427,000</u>	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

C-5614

DAVIE

PROJ.CATEGORY

EXEMPT

VARIOUS, PROJECTS TO IMPROVE CONGESTION AND
AIR QUALITY IN THE NORTHWEST PIEDMONT RPO.
**ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,
IMPLEMENTATION, AND OPERATIONS IN FY 21 AND
FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW
FOR POTENTIAL FUTURE AUTHORIZATIONS.**

ENGINEERING	FY 2020 -	\$3,000	(CMAQ)
	FY 2020 -	\$1,000	(L)
	FY 2021 -	\$3,000	(CMAQ)
	FY 2021 -	\$1,000	(L)
	FY 2022 -	\$3,000	(CMAQ)
	FY 2022 -	\$1,000	(L)
RIGHT-OF-WAY	FY 2020 -	\$3,000	(CMAQ)
	FY 2020 -	\$1,000	(L)
	FY 2021 -	\$3,000	(CMAQ)
	FY 2021 -	\$1,000	(L)
	FY 2022 -	\$3,000	(CMAQ)
	FY 2022 -	\$1,000	(L)
CONSTRUCTION	FY 2020 -	\$15,000	(CMAQ)
	FY 2020 -	\$4,000	(L)
	FY 2021 -	\$15,000	(CMAQ)
	FY 2021 -	\$4,000	(L)
	FY 2022 -	\$15,000	(CMAQ)
	FY 2022 -	\$4,000	(L)
IMPLEMENTATIO	FY 2020 -	\$3,000	(CMAQ)
	FY 2020 -	\$1,000	(L)
	FY 2021 -	\$3,000	(CMAQ)
	FY 2021 -	\$1,000	(L)
	FY 2022 -	\$3,000	(CMAQ)
	FY 2022 -	\$1,000	(L)
OPERATIONS	FY 2020 -	\$3,000	(CMAQ)
	FY 2020 -	\$1,000	(L)
	FY 2021 -	\$3,000	(CMAQ)
	FY 2021 -	\$1,000	(L)
	FY 2022 -	\$3,000	(CMAQ)
	FY 2022 -	\$1,000	(L)
		\$105,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 9

C-5620	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$97,000	(CMAQ)
FORSYTH	AIR QUALITY IN THE WINSTON-SALEM URBAN AREA		FY 2020 -	\$25,000	(L)
DAVIE	MPO.		FY 2021 -	\$97,000	(CMAQ)
DAVIDSON	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$25,000	(L)
PROJ.CATEGORY	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2022 -	\$97,000	(CMAQ)
EXEMPT	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$25,000	(L)
	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>	RIGHT-OF-WAY	FY 2020 -	\$97,000	(CMAQ)
			FY 2020 -	\$25,000	(L)
			FY 2021 -	\$97,000	(CMAQ)
			FY 2021 -	\$25,000	(L)
			FY 2022 -	\$97,000	(CMAQ)
			FY 2022 -	\$25,000	(L)
		CONSTRUCTION	FY 2020 -	\$1,422,000	(CMAQ)
			FY 2020 -	\$355,000	(L)
			FY 2021 -	\$1,422,000	(CMAQ)
			FY 2021 -	\$355,000	(L)
			FY 2022 -	\$1,422,000	(CMAQ)
			FY 2022 -	\$355,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$97,000	(CMAQ)
			FY 2020 -	\$25,000	(L)
			FY 2021 -	\$97,000	(CMAQ)
			FY 2021 -	\$25,000	(L)
			FY 2022 -	\$97,000	(CMAQ)
			FY 2022 -	\$25,000	(L)
		OPERATIONS	FY 2020 -	\$97,000	(CMAQ)
			FY 2020 -	\$25,000	(L)
			FY 2021 -	\$97,000	(CMAQ)
			FY 2021 -	\$25,000	(L)
			FY 2022 -	\$97,000	(CMAQ)
			FY 2022 -	\$25,000	(L)
				\$6,795,000	

* U-4951	VARIOUS, WINSTON-SALEM URBAN AREA	PLANNING	FY 2020 -	\$600,000	(BGDA)
FORSYTH	METROPOLITAN PLANNING ORGANIZATION PLANNING		FY 2020 -	\$150,000	(L)
STOKES	(PL) SUPPLEMENT.		FY 2021 -	\$600,000	(BGDA)
DAVIDSON	<u>ADD PLANNING IN FY 22 NOT PREVIOUSLY</u>		FY 2021 -	\$150,000	(L)
DAVIE	<u>PROGRAMMED AT REQUEST OF MPO.</u>		FY 2022 -	\$1,660,000	(BGDA)
PROJ.CATEGORY			FY 2022 -	\$415,000	(L)
DIVISION				\$3,575,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

C-5536	CHARLOTTE, MECKLENBURG COUNTY AIR QUALITY -	CONSTRUCTION	FY 2021 -	\$625,000	(CMAQ)
MECKLENBURG	GRADE (GRANTS TO REPLACE AGING DIESEL			\$625,000	
PROJ.CATEGORY	ENGINES). REPLACE, REPOWER OR RETROFIT AGING				
EXEMPT	DIESEL VEHICLES AND EQUIPMENT.				
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN, DELAY CONSTRUCTION FROM FY 20 TO FY</u>				
	<u>21.</u>				
C-5603	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$82,000	(CMAQ)
ROWAN	AIR QUALITY IN THE CABARRUS-ROWAN MPO.		FY 2020 -	\$21,000	(L)
CABARRUS	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$82,000	(CMAQ)
PROJ.CATEGORY	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$21,000	(L)
EXEMPT	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$82,000	(CMAQ)
	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$21,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$82,000	(CMAQ)
			FY 2020 -	\$21,000	(L)
			FY 2021 -	\$82,000	(CMAQ)
			FY 2021 -	\$21,000	(L)
			FY 2022 -	\$82,000	(CMAQ)
			FY 2022 -	\$21,000	(L)
		CONSTRUCTION	FY 2020 -	\$493,000	(CMAQ)
			FY 2020 -	\$123,000	(L)
			FY 2021 -	\$493,000	(CMAQ)
			FY 2021 -	\$123,000	(L)
			FY 2022 -	\$493,000	(CMAQ)
			FY 2022 -	\$123,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$82,000	(CMAQ)
			FY 2020 -	\$21,000	(L)
			FY 2021 -	\$82,000	(CMAQ)
			FY 2021 -	\$21,000	(L)
			FY 2022 -	\$82,000	(CMAQ)
			FY 2022 -	\$21,000	(L)
		OPERATIONS	FY 2020 -	\$82,000	(CMAQ)
			FY 2020 -	\$21,000	(L)
			FY 2021 -	\$82,000	(CMAQ)
			FY 2021 -	\$21,000	(L)
			FY 2022 -	\$82,000	(CMAQ)
			FY 2022 -	\$21,000	(L)
				\$3,084,000	

REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

<p>* HO-0002B RICHMOND SCOTLAND ANSON UNION ROBESON PROJ.CATEGORY STATEWIDE</p>	<p>US 74, EASTERN END OF MONROE BYPASS TO I-95 IN LUMBERTON. INSTALL BROADBAND AND ITS COMPONENTS INCLUDING CONNECTIONS TO SIGNAL SYSTEMS, DMS, AND CCTV. <u>ADD CONSTRUCTION IN FY 21 NOT PREVIOUSLY PROGRAMMED.</u></p>	<p>CONSTRUCTION FY 2021 - \$6,397,000 (HSIP) FY 2021 - \$711,000 (S(M)) FY 2022 - \$6,397,000 (HSIP) FY 2022 - <u>\$711,000</u> (S(M)) \$14,216,000</p>
---	---	--

<p>* HO-0002D COLUMBUS ROBESON ANSON SCOTLAND RICHMOND BRUNSWICK UNION PROJ.CATEGORY STATEWIDE</p>	<p>US 74, EASTERN END OF MONROE BYPASS TO I-140 IN WILMINGTON. VULNERABILITY ASSESSMENTS, INSTALLATION OF FLOOD GAUGES, AND FLOOD MONITORING. <u>ADD CONSTRUCTION IN FY 23 NOT PREVIOUSLY PROGRAMMED. DP FUNDS REPRESENTS FEDERAL INFRA GRANT FUNDS.</u></p>	<p>CONSTRUCTION FY 2023 - <u>\$1,760,000</u> (DP) \$1,760,000</p>
--	--	---

<p>* HS-2010A MECKLENBURG PROJ.CATEGORY REGIONAL</p>	<p>NC 24, NC 27, SR 3110 (ARLINGTON CHURCH ROAD) NEAR CHARLOTTE. CONSTRUCT INTERSECTION IMPROVEMENTS. <u>ADD NEW PROJECT BREAK AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></p>	<p>RIGHT-OF-WAY CONSTRUCTION FY 2023 - \$175,000 (HSIP) FY 2024 - <u>\$1,350,000</u> (HSIP) \$1,525,000</p>
--	---	---

<p>* HS-2010B MECKLENBURG PROJ.CATEGORY STATEWIDE</p>	<p>I-277, INSTALL SMART CUSHIONS AT VARIOUS EXITS. <u>ADD NEW PROJECT BREAK AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u></p>	<p>CONSTRUCTION FY 2021 - <u>\$144,000</u> (HSIP) \$144,000</p>
---	--	---

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

* I-5973

MECKLENBURG

PROJ.CATEGORY

REGIONAL

I-485, NC 16 (BROOKSHIRE BOULEVARD)
INTERCHANGE. CONSTRUCT INTERCHANGE
IMPROVEMENTS.

**ACCELERATE CONSTRUCTION FROM FY 24 TO FY 22
TO ALIGN WITH BUILD NC BOND SALE.**

RIGHT-OF-WAY	FY 2022 -	\$100,000	(T)
BUILD NC CON	FY 2022 -	\$300,000	(T)
	FY 2023 -	\$300,000	(T)
	FY 2024 -	\$300,000	(T)
	FY 2025 -	\$300,000	(T)
	FY 2026 -	\$300,000	(T)
	FY 2027 -	\$300,000	(T)
	FY 2028 -	\$300,000	(T)
	FY 2029 -	\$300,000	(T)
	FY 2030 -	\$300,000	(T)
	FY 2031 -	\$300,000	(T)
	FY 2032 -	\$300,000	(T)
	POST YR-	\$1,800,000	(T)
CONSTRUCTION	FY 2022 -	\$1,250,000	(T)
	FY 2023 -	<u>\$1,250,000</u>	(T)
		\$7,700,000	

R-5878B

ANSON

PROJ.CATEGORY

REGIONAL

NEW ROUTE - WADESBORO BYPASS, US 52 NORTH OF
WADESBORO TO US 74 EAST OF WADESBORO.
CONSTRUCT FREEWAY ON NEW LOCATION.

**COST INCREASE EXCEEDING \$2 MILLION AND 25%
THRESHOLDS.**

BUILD NC ROW	FY 2024 -	\$257,000	(T)
	FY 2025 -	\$257,000	(T)
	FY 2026 -	\$257,000	(T)
	FY 2027 -	\$257,000	(T)
	FY 2028 -	\$257,000	(T)
	FY 2029 -	\$257,000	(T)
	POST YR-	\$2,313,000	(T)
RIGHT-OF-WAY	FY 2024 -	\$1,000,000	(T)
UTILITIES	FY 2024 -	\$1,300,000	(T)
BUILD NC CON	FY 2027 -	\$3,003,000	(T)
	FY 2028 -	\$3,003,000	(T)
	FY 2029 -	\$3,003,000	(T)
	POST YR-	\$36,036,000	(T)
CONSTRUCTION	FY 2027 -	\$21,700,000	(T)
	FY 2028 -	\$21,700,000	(T)
	FY 2029 -	\$21,700,000	(T)
	POST YR-	<u>\$21,700,000</u>	(T)
		\$138,000,000	

DIVISION 11

* HS-2011B

WATAUGA

PROJ.CATEGORY

STATEWIDE

US 221 / US 321, DEERFIELD ROAD TO BOONE MALL.
INSTALL PEDESTRIAN COUNTDOWN HEADS AND
FLASHING YELLOW ARROWS AT VARIOUS
INTERSECTIONS.

**ADD NEW PROJECT BREAK AT REQUEST OF
TRANSPORTATION MOBILITY AND SAFETY DIVISION.**

CONSTRUCTION	FY 2021 -	<u>\$116,000</u>	(HSIP)
		\$116,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 12

EB-5930	TROUTMAN, DOWNTOWN SIDEWALK	ENGINEERING	FY 2021 -	\$203,000	(TADA)
IREDELL	IMPROVEMENTS. RUMPLE STREET FROM US 21/NC		FY 2021 -	\$109,000	(L)
PROJ.CATEGORY	115 TO THOMAS STREET; WAGNER STREET FROM US	RIGHT-OF-WAY	FY 2021 -	\$129,000	(TADA)
DIVISION	21/NC 115 TO WEST AVENUE; TALLEY STREET FROM		FY 2021 -	\$70,000	(L)
	US 21/NC 115 TO WEST AVENUE.	CONSTRUCTION	FY 2022 -	\$1,055,000	(TADA)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2022 -	\$568,000	(L)
	<u>DESIGN, DELAY PRELIMINARY ENGINEERING FROM</u>				
	<u>FY 20 TO FY 21.</u>			\$2,134,000	

R-4045	US 74, SR 1168 (LATTIMORE ROAD) INTERSECTION.	RIGHT-OF-WAY	FY 2023 -	\$1,500,000	(T)
CLEVELAND	UPGRADE AT-GRADE INTERSECTION TO		FY 2024 -	\$1,500,000	(T)
PROJ.CATEGORY	INTERCHANGE AND UPGRADE US 74 TO FULL	UTILITIES	FY 2023 -	\$950,000	(T)
REGIONAL	CONTROL OF ACCESS FROM WEST OF US 74		FY 2024 -	\$950,000	(T)
	BUSINESS (ELLENBORO ROAD) TO EAST OF BRIDGES	CONSTRUCTION	FY 2023 -	\$7,420,000	(T)
	48 AND 49 OVER SANDY RUN.		FY 2024 -	\$3,600,000	(DP)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2025 -	\$6,990,000	(T)
	<u>DESIGN, DELAY RIGHT-OF-WAY AND CONSTRUCTION</u>		FY 2026 -	\$6,990,000	(T)
	<u>FROM FY 22 TO FY 23. DP FUNDS REPRESENTS</u>			\$29,900,000	
	<u>FEDERAL INFRA GRANT FUNDS.</u>				

U-6135	NC 127 (2ND STREET NORTHEAST, NORTH CENTER	RIGHT-OF-WAY	FY 2029 -	\$10,000	(T)
CATAWBA	STREET), 8TH AVENUE NORTHEAST TO SR 1327 (30TH		POST YR-	\$7,990,000	(T)
PROJ.CATEGORY	AVENUE NORTHWEST). CONSTRUCT ACCESS	UTILITIES	FY 2029 -	\$10,000	(T)
REGIONAL	MANAGEMENT IMPROVEMENTS.		POST YR-	\$1,190,000	(T)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	POST YR-	\$23,300,000	(T)
	<u>THRESHOLDS.</u>			\$32,500,000	

DIVISION 13

* B-5869	US 64/70, REPLACE BRIDGE 110099 OVER SOUTHERN	RIGHT-OF-WAY	FY 2021 -	\$3,200,000	(NHPB)
BURKE	RAILROAD.	CONSTRUCTION	FY 2022 -	\$6,400,000	(NHPB)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2023 -	\$6,400,000	(NHPB)
REGIONAL	<u>THRESHOLDS.</u>			\$16,000,000	

**REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 13

* HO-0002A
RUTHERFORD
POLK
CLEVELAND
HENDERSON
MECKLENBURG
BUNCOMBE
GASTON

PROJ.CATEGORY

STATEWIDE

US 74, I-40 IN ASHEVILLE TO I-77 AT I-485 (SOUTH) IN
CHARLOTTE. INSTALL BROADBAND.

**ADD CONSTRUCTION IN FY 21 NOT PREVIOUSLY
PROGRAMMED.**

CONSTRUCTION	FY 2021 -	\$8,296,000	(HSIP)
	FY 2021 -	\$922,000	(S(M))
	FY 2022 -	\$8,296,000	(HSIP)
	FY 2022 -	\$922,000	(S(M))
		<u>\$18,436,000</u>	

STIP DELETIONS

DIVISION 8

* EB-5866
SCOTLAND

PROJ.CATEGORY

DIVISION

US 401 BUSINESS (SOUTH MAIN STREET), SR 1674
(LAUCHWOOD DRIVE) TO PLAZA ROAD IN
LAURINBURG. CONSTRUCT SIDEWALK.

**PROJECT DELETED, WORK TO BE ACCOMPLISHED
UNDER PROJECT EB-6015A.**

ENGINEERING	FY 2020 -	\$17,000	(TA5200)
	FY 2020 -	\$5,000	(L)
RIGHT-OF-WAY	FY 2021 -	\$38,000	(TA5200)
	FY 2021 -	\$10,000	(L)
CONSTRUCTION	FY 2022 -	\$87,000	(TA5200)
	FY 2022 -	\$22,000	(L)
		<u>\$179,000</u>	

ITEM N SUMMARY

ADDITION	1	PROJECTS	\$976,000
MODIFICATION	53	PROJECTS	
DELETION	1	PROJECTS	\$179,000
	55	PROJECTS	\$797,000

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

SUMMARY: There are a total of 20 agreements for approval by the Board of Transportation

Division 1

Chesapeake and Albemarle
Railroad Company, Inc. (CA)
Norfolk Southern Railway
Company (NS)
Camden, Chowan,
Currituck and Pasquotank
Counties
80000.1.4.79
Rail

This Addendum Number 1 to the CA Master Rail Freight Assistance Agreement covers rail improvements to the CA railway corridor. The project will include crosstie replacement and surfacing along with bridge work to include culvert installation, bridge tie replacement, and sub-structure repair. CA will be responsible for construction of the project. As a condition of the award of funds, NS and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness (CIA) to secure a lien on the project assets for five (5) years. The cost of this project is \$804,795.00 and the total estimated cost to the Department is \$402,398.00. The spending for this project will be done in accordance with approved SFY2021 spend plan.

Division 3

City of Jacksonville
Onslow County
EB-6012
48606.3.1
9707

This Project consists of constructing a multi-use path from Chaney Avenue to Wardola Drive. The Municipality is responsible for all phases of the work. The Department will reimburse 80% of eligible expenses up to \$639,200. The Municipality shall provide the 20% non-federal match and all costs that exceed the available funding of \$799,000.

Division 4

New Day Development
Corporation
Johnston County
Rail

This Construction Reimbursement Agreement provides for reimbursement to the Department from the New Day Development Corporation for all Preliminary Engineering, Construction Engineering and flagging costs for work performed in railroad right of way on US 70A, near Milepost H 114 in Johnston County. This is a Developer project and reimbursement shall be for 100% of the Department's cost and all incidental costs incurred by the Department.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5

Research Triangle, Ltd
Durham County
Rail

This Crossing Improvement Preliminary Engineering Reimbursement Agreement provides for reimbursement to the Department from Research Triangle, Ltd for all costs of Norfolk Southern plan review for roadway widening of Hopson Road (SR 1978) under NCCR/NS track (Crossing No. 960 255V, Milepost H 64.56). This is a Developer project and reimbursement shall be for 100% of the Department's cost for preliminary engineering.

The Building Center
Durham County
80105
9691

This Project consists of widening Riddle Road (SR 1171) to facilitate improvements at the Developer's industrial site. The Developer is responsible for preparing the plans and obtaining approval from CSX Railroad. The Department will review and approve all plans and environmental documents and assist with railroad coordination as needed. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$50,000.

Town of Apex
Wake County
EB-6046
49176.3.1
9680

This Project consists of construction of sidewalk along West Chatham Street and associated pedestrian improvements. The Municipality is responsible for all phases of the Project. The Department will reimburse 40% of eligible costs up to \$381,200 with STBG-DA funds. The Municipality shall provide the 60% non-federal match and all costs that exceed the total available funding of \$953,000.

Town of Apex
Wake County
U-5537
44112.2.1
44112.3.1
9681

This Project consists of the widening of Lake Pine Drive to three lanes with associated pedestrian improvements. This Supplemental Agreement is to allocate additional funds to the Project and extend the completion date. The Department will reimburse eligible costs up to a maximum of \$2,133,827. The Municipality shall provide the non-federal match and all costs that exceed the total available funding of \$3,753,940. The Municipality shall complete the Project by 12/31/2022 in lieu of 3/12/2019.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

Town of Louisburg
Wake County
C-5610E
43732.1.6
43732.2.6
43732.3.6
9682

This Project consists of new sidewalk and crosswalk on N. Main Street and Smoketree Way. This Supplemental Agreement is to allocate remaining funding from C-5527. The Department will reimburse eligible costs up to a maximum of \$367,209. The Municipality will provide the non-federal match and all costs that exceed the total available funding of \$459,012.

City of Raleigh
Wake County
R-2828
35516.5.TA1
9667

This Design-Build Project consists of construction of the Southern Wake Freeway/Triangle Expressway, southeast Extension (Raleigh Outer Loop) east of US 401 to I-40. At the request of the Municipality, the Department shall include the installation of encasement pipes as utility betterments in its construction contract. The fixed cost to the Municipality is \$844,150.20.

Division 6

City of Lumberton
Robeson County
I-6064
49067.3.1
9666

This Project consists of widening and pavement rehabilitation of I-95 from Mile-marker 13 to Mile-marker 22. At the request of the Municipality, the Department will include pedestrian improvements and other betterments. The estimated cost to the Municipality is \$1,090,235.

United States Department of
Transportation (USDOT)
Cumberland and Robeson
Counties
I-5987A, I-5987B, I-5897C,
I-5879, I-6064A, I-6064B,
I-6064C, I-6064D
9331

This Project includes accelerating the delivery of several existing STIP projects along I-95 and connected evacuations routes including widening to 8 lanes the approximately 24 miles of I-95 from Exit 13 near Lumberton to I-295 Interchange south of Fayetteville; rebuilding the overpasses and interchange at Exit 19 near Lumberton; raising low-lying portions of the interstate and closure of this route during storm events; and throughout the corridor to improve infrastructure resiliency. The USDOT has awarded a BUILD Grant to the Department in the amount of \$22,500,000. The Department will utilize existing programmed National Highway Performance Program (NHPP) Federal funds in the amount of \$131,680,000 and State funds in the amount of \$600,775,250 as the match to the BUILD Grant.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 8

Chatham County
15408.1019012
9686

This Project consists of the replacement of a culvert on NC 42 due to hurricane damage. The Department shall relocate the County's water lines that are in conflict with the Project. The County is responsible for 20% of the costs of the work. The estimated cost to the County is \$7,395.30.

Division 9

City of Winston-Salem
Forsyth County
U-2579AB
34839.3.GV5
9689

This Project consists of the construction of the Northern Beltway (eastern section - future I-74) from I-40 to I-40 Business/US 421. The Department will include pedestrian improvements in the construction contract. The Municipality is responsible for 50% of the actual cost of the improvements. The estimated cost to the Municipality is \$61,256.

Division 10

Village of Marvin
Union County
U-6088
47883.1.1
47883.2.1
47883.3.1
9687

This Project consists of conversion of an existing stop-controlled intersection at New Town Road (SR 1315) and Marvin Road (SR 3112) to a roundabout. This Supplemental Agreement is to increase Departmental funding and revise the local participation amounts in the ROW and CON phases of the project. The Municipality shall provide \$220,000 as local participation. Costs that exceed the total available funding of \$1,905,000 will be shared equally between the Department and the Municipality.

Division 12

City of Hickory
Catawba County
12RE.101811, 12RE.201811
12.101811, 12.201811
9674

This Project consists of routine maintenance and mowing of roads and rights of way in the State Highway System within the municipal limits of Hickory. The Municipality will perform the work. The Department shall reimburse the Municipality up to 5 mowing cycles per year with an annual maximum reimbursement of \$140,000.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 12, cont.

City of Gastonia
Gaston County
12RE.103613, 12RE.203613
12.103611, 12.203611
9673

This Project consists of routine maintenance and mowing of roads and rights of way in the State Highway System within the municipal limits of Gastonia. The Municipality will perform the work. The Department shall reimburse the Municipality up to 5 mowing cycles per year with an annual maximum reimbursement of \$120,000.

Norfolk Southern Railway
Company
Catawba County
M-0547
49361
Rail

This Crossing Improvement Construction Reimbursement Agreement provides for the Norfolk Southern's cost reimbursement for crossing improvement and signal replacement at the at-grade crossing of SR 1483 (Punch Loop Road), Crossing No. 729 597P, Milepost S 50-94. This crossing improvement is necessary for a development by Premier Conover, LLC. All Department cost for Norfolk Southern's construction work will be reimbursed at 100% by the Developer, Premier Conover, LLC.

Premier Conover, LLC
Catawba County
M-0547
49361
Rail

This Crossing Improvement Construction Reimbursement Agreement provides for reimbursement to the Department from Premier Conover, LLC for all costs by Norfolk Southern for crossing improvements and signal replacement at the at-grade crossing of SR 1483 (Punch Loop Road), Crossing No. 729 597P, Milepost S 50-94. Reimbursement shall be for 100% of the Department's costs for the construction improvements.

Division 13

Town of Valdese
Burke County
49090
9665

This Project consists of construction of an ADA compliant pedestrian trail in Valdese. The Municipality will perform the work. The Department shall participate in the Construction costs of the project up to \$51,000. The estimated cost of the project is \$192,300.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 13, cont.

United States Geological Survey (USGS) Henderson County 9695	This Project consists of monitoring the hydrologic and geomorphologic disturbances throughout the French Broad River Corridor during construction of the I-26 Connector. Streamflow, water-quality and geomorphologic monitoring is scheduled to begin as soon possible in 2019 and continue until construction is completed in 2023. Funding provided by the Department will be partially matched by the USGS. The budget for the five-year period is \$1,853,600 (70%) from the Department and \$794,400 (30%) from USGS. The total budgeted cost is \$2,648,000.
---	---

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

SUMMARY: There are a total of 28 agreements for informational purposes only

Division 1

County of Dare
36249.4302
9706

This Project consists of the installation of two (2) dolphins (marine structures) at the Southdock Ferry Terminal. The County shall reimburse the Department 100% of the material cost for the pilings used to construct the two (2) dolphins. The estimated reimbursement is \$14,400.

Division 4

Food Lion, LLC
c/o Commercial Properties Inc.
Johnston County
36249.4260
9659

This Project consists of upgrading the traffic signal at the intersection of NC 42 and NC 50 (SIN: 04-0464) associated with the addition of a dedicated right-turn lane along the southbound approach of NC 50. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Division 5

Town of Cary
Wake County
36249.4287
9671

This Project consists of pedestrian improvements along Cary Parkway including a pedestrian bridge over Black Creek to eliminate a gap in the existing pedestrian infrastructure along the corridor. The Municipality is responsible for the project. The Department shall provide review and approval of the planning and environmental documents and design phases of the project. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

Lennar Carolinas LLC
Wake County
36249.4282
9675

This Project consists of a new signal installation at Richardson Road and the Olive Chapel Road Intersection in Apex. The Department will inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is 5,000.

HMBP-BCP, LLC
Wake County
36249.4290
9684

This Project consists of the modification of 2 existing traffic signals in Garner. Both signals are located at SR 5220 (Jones Sausage Road) at the Calebar Street/Amazon Distribution Center's North and South Entrances. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is 5,000.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

Merck Sharp & Dohme Corp.
Durham County
36249.4289
9683

This Project consists of the installation of a new signal located at the western side of the T-intersection of Teknika Parkway (SR 1794) and Red Mill Road (SR 1632) in Durham County. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is 5,000.

Athens Development Partners,
LLC
Wake County
36249.4283
9676

This Project consists of a signal upgrade at the existing intersection of SR 3009 (Edwards Mill Road) and SR 1775 (Reedy Creek Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

Westford Apartments WEH LP
Wake County
36249.4284
9678

This Project consists of the installation of 2 new traffic signals at the intersection of Jenks Road at Green Level Church Road/Kelly Road and the intersection of US 64 Eastbound at the U-turn west of Jenks Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Stanley Martin Homes
Wake County
36249.4285
9679

This Project consists of signal modification and roadway work that includes adding an exclusive left turn lane on SR 1610 (Lewey Drive) and pedestrian accommodations across the Southbound approach of NC 55 and across SR 1610 (Lewey Drive). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Glenaire, Inc.
Wake County
36249.4298
9701

This Project consists of geometric changes to the southwest corner of the intersection at SR 1300 (Kildaire Farm Road) and Cornwall Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

SCP Patriot Lot 5, LLC
Durham County
36249.4297
9702

This Project consists of the installation of a new traffic signal at the intersection of Patriot Drive and S. Miami Boulevard (SR 1959) in Durham. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Rhetson Companies, Inc.
Wake County
36249.4301
9708

This Project consists of a signal modification at the intersection of NC 42 and Kennebec Road in Fuquay-Varina. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Division 7

High Point University
Guilford County
36249.4288
9677

This Project consists of the installation of a new traffic signal at the intersection of SR 1486 (E. Lexington Avenue) and Panther Drive/Meadowlawn Avenue (non-system) in High Point. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Harris Teeter Properties, LLC
Orange County
36249.4280
9647

This Project consists of modifying existing traffic signal No. 07-1160 at the intersection of NC 54 and Old Fayetteville Road in Carrboro. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Division 9

West Edge – Adams, LLC
Forsyth County
36249.4292
9694

This Project consists of upgrading Signal No. 09-1316 at SR 1348 (Robinhood Road)/SR 1433 (Olivet Church Road) from a 3-leg intersection to a 4-leg intersection. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,500.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 10

Empire Communities
Cabarrus County
36249.4093
9661

This Project consists of the modification of an existing traffic signal at SR 1161 (Stallings Road) and SR 1304 (Harrisburg Veterans Road) and the installation of a new traffic signal at the intersection of SR 1161 (Stallings Road) and Hickory Ridge Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$15,000.

Principle Global Brand
Implementation
Mecklenburg County
10.106032
9813223
9699

This Project consists of the fabrication and installation of sign overlays on existing Interstate signs in several locations near uptown Charlotte to change the BB&T Ballpark to Truist Field. The Department will perform the work. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$25,000.

Gateway Communities NC, LLC
Union County
36249.4296
9700

This Project consists of the modification of a traffic signal located at SR 1365 (Stallings Road) and SR 1524 (Stevens Mill Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

City of Monroe
Union County
36249.4300
9705

This Project consists of maintenance by the Department for 4 municipally owned traffic signals in Monroe: Fire Station #4 on Old Charlotte Highway (SR 1009); Fire Station #5 on Concord Highway (US 601); Main Street at Windsor Street and Main Street at Jefferson Street. The Department will perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$8,000.

Division 12

NPD Management, LLC
Gaston County
36249.4286
9672

This Project consists of traffic signal modification for Signal No. 12-1282 at SR 2200 (Cox Road) and SR 2381 (Aberdeen Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 12, cont.

Langtree Village Apartments,
LLC
Iredell County
36249.4175
9408

This Project consists of the installation of a new traffic signal at the intersection of SR 1206 (Alcove Road) and Wades Way (private road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000. This Agreement supersedes the item that was approved by the BOT on October 8, 2020.

Chronicle Holding, LLC
Gaston County
36249.4229
9543

This Project consists of traffic signal modifications at NC 273 (Keener Boulevard) at SR 2534 (RL Stowe Road)/Fort Williams Avenue [Signal: 12-1039]. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000. This Agreement supersedes the item that was approved by the BOT on December 3, 2020.

Division 14

Western Carolina University
Jackson County
44983
9669

This Project consists of widening the roadway, adding bike lanes and sidewalk on SR 1337 (Ledbetter Road) from the intersection with Old Cullowhee Road to the intersection with Monteith Gap Road in conjunction with replacement of Bridge No. 159 over Cullowhee Creek. This Supplemental Agreement is to address a change in WBS Number.

Economic Investment Fund of
Henderson County (EIF)
Henderson County
36249.4291
9688

This Project consists of the Department's preparation of preliminary engineering plans and environmental document to 100% completion for the proposed Commercial Boulevard Extension Access Road Project. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$22,500.

Clear Creek Investment Group,
LLC
Henderson County
I-4400BB
34232.3.GV8
9690

This Project consists of the widening of Clear Creek Road (SR 1503) to accommodate Clear Creek Subdivision in Henderson County. This Supplemental Agreement is to add utility relocations to the project. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$69,172.

NCDOT March 4, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 14, cont.

Clay County
36249.4294
9696

This Project consists of placing an Asphalt Surface Treatment (AST) on the parking lot of the Clay County Sports Complex. The Department will perform the work. The County shall reimburse the Department 100% for the work. The estimated reimbursement is \$69,848.

Clay County
36249.4295
9697

This Project consists of an Asphalt Surface Treatment (AST) for paving of the driveway and parking areas at the Pavilion for the Clay County Campground. The Department will perform the work. The County shall reimburse the Department 100% for the work. The estimated reimbursement is \$58,127.

Town of Mills River
Henderson County
36249.4299
9703

This Project consists of installing 525 feet of guardrail and two (2) end treatments on SR 1352 (Butler Bridge Road), project location is in a sharp curve adjacent to the Hollabrook Farm Subdivision. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$28,000.

NCDOT March 2021 Board of Transportation Agenda

Municipal Street System Changes for Powell Bill Program

Deletion from the State Highway System

Division	County	Municipality	Road	Termini	Length
9	Forsyth	City of Winston-Salem	SR 4315; Liberty Street	To delete from I-40 Business. To Brookstown Avenue	0.19
			SR 4315; Old Salem Road	To delete from Brookstown Avenue To roundabout at Salem Avenue	0.63
			SR 1824; Main Street	To delete from I-40 Business. To Brookstown Avenue	0.17
			SR 1824; Old Salem Road	To delete from Brookstown Avenue to SR 4315	0.39

File Name: FORSYTH_03_2021_M001

Total Miles = 1.38

NCDOT March 2021 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1
2	Final Right of Way Plans	R-2
3	Revision of the Final Right of Way Plans	R-3
4	Conveyance ROW Residue by Real Estate Agent and or Auctioneer	R-4 & R-5
5	Approval of Conveyance of Highway Right of Way Residues	R-6
6	Approval of Conveyance of Surplus Highway Right of Way	R-7
7	Approval of Permanent Natural Gas Line Easement	R-8

NCDOT March 2021 Board of Transportation Agenda

Preliminary Right of Way Plans

The Preliminary Right of Way Plans for the below projects, including Secondary Roads and Industrial Access Roads, provide for the construction, design, drainage and control of access as shown on the respective plans.

Based upon the recommendations of the Manager of the Right of Way Unit, the Board finds that such rights of way as shown on these preliminary plans and drawings, including existing public dedicated right of way, are for a public use and are necessary for the construction of said projects.

The rights of way for the location, construction, relocation, and control of access of highways embraced in the below projects shall be as shown in detail on the preliminary right of ways plans and drawings for said projects on file in the Right of Way Branch in the Department of Transportation in Raleigh.

The Board finds such right of way acquisition to be necessary and hereby authorizes the Right of Way Branch to acquire right of way on the below projects either by negotiation or by condemnation through the Attorney General's Office.

(Division 9)

Forsyth County; I.D. No. EB-5957; Project No. 48433.2.1:

SR2648 (Old Winston Road) from the existing sidewalk across from the Seventh Day Adventist Church parking lot to Hopkins Road in Kernersville

PRELIMINARY RIGHT OF WAY PLANS

1 PROJECT(S)

\$ 0.00

NCDOT March 2021 Board of Transportation Agenda

Final Right of Way Plans

Right of way acquisition in accordance with the preliminary right of way plans on file in the Right of Way Unit has been determined to be necessary for public use and was authorized by the Board. Certain changes in the right of way have necessitated alteration of the preliminary right of way plans. Final plans have been prepared and provide for the construction, design, drainage and control of access for these projects. The Board finds that such rights of way and control of access as shown on the final plans are for a public use and are necessary for construction. The sections of roads which were shown on the preliminary plans as sections of roads to be abandoned are hereby abandoned and removed from the State Highway System for Maintenance upon the completion and acceptance of the project.

The rights of way for the location, design and construction of highways embraced in the following projects shall be as shown in detail on the final plans for said projects as follows:

(Division 2)

Project No. 48828.2.1; Pitt County; I.D. No. BR-0119:

Drainage, grading, paving and structure on Bridge No. 109 over Grindle Creek on SR 1514 (Staton Mill Road) with the right of way indicated upon the final plans for said project.

(Division 4)

Project No. 50056.2.1; Johnston County; I.D. No. W-5600:

Drainage, grading, paving and structure on US 70 to Neuse River Bridge, convert to freeway with interchanges at SR 1501 (Swift Creek Road) and SR 1919 (Wilson's Mill Road) with the right of way indicated upon the final plans for said project.

(Division 7)

Project No. 49076.2.1; Rockingham County; I.D. No. BR-0042:

Drainage, grading, paving and structure on Bridge No. 116 on SR 2600 over US 29 replace bridge with the right of way indicated upon the final plans for said project.

Project No. 50401.2.1; Alamance County; I.D. No. I-5711:

Drainage, grading, paving, signals and structure on interchange improvements at I-40/I-85 and SR 1007 (Mebane Oaks Road) in Mebane with the right of way indicated upon the final plans for said project.

FINAL RIGHT OF WAY PLANS

4 PROJECT(S)

\$ 0.00

NCDOT March 2021 Board of Transportation Agenda

Revisions of the Final Right of Way Plans

Right of way acquisition in accordance with the final right of way plans for the following projects has been determined to be necessary and authorized by the Board. Plans are on file at the Office of the Secretary to the Board of Transportation as an addendum to the minutes of the meetings hereinafter indicated.

Certain changes in right of way, construction and drainage easements, and control of access have been necessitated by alterations in the construction plans of these projects. Amended plan sheets for these projects have been prepared which provide for changes of certain right of way areas, construction and drainage easements and control of access.

The Board finds that the revised areas of right of way, construction and drainage easements and control of access, as shown on the amended plan sheets hereinafter set out, are for a public purpose and are necessary for the construction of projects.

The right of way, construction and drainage easements and control of access are hereby revised as shown on the plan sheets incorporated herein as an addendum, said projects, date of original final approval, and revised right of way, easements and access being as follows:

(Divisions 7)

Project No. 34821.2.4; I.D. No. U-2525C; Guilford County:

Final Right of Way plans approved on the minutes of the March 8, 2018 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 5 & 6 as presented at the March 4, 2021 Board of Transportation Meeting.

REVISION FINAL ROW PLANS

1 PROJECT(S)

\$0.00

NCDOT March 2021 Board of Transportation Agenda

Approval of Conveyance of Highway Right of Way Residues by Real Estate Agent and/or Auctioneer

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, that the following highway right of way conveyances are approved:

(Division 5)

Project I-0306DB, Parcels 198 & 138, I-85 from West of SR 1322 Broad St. to West of SR 1671 Camden Ave

Durham County

Conveyance of an approximate .390-acre area comprised of one (1) A-class residue and one (1) B-class residue, having a value of \$31,000 to **Sandbox Society, LLC** for the highest offer amount of **\$31,000**.

(Division 7)

Project I-2402AA, Parcels 129,136,137 & 138, Greensboro Bypass From I-85 South of Greensboro to West of SR 1392 Drummond Rd

Guilford County

Conveyance of an approximate 2.740-acre area comprised of three (3) B-class residues and one (1) C-class residue, having a value of \$75,100 to **Bravo Investments, LLC** for the highest offer amount of **\$75,100**; total commission **\$5,500**.

(Division 8)

Project R-2417BA, Parcel 013A, US 421 Sanford Bypass East of US 1/15/501 to East of SR 1521 (Kelly Rd)

Lee County

Conveyance of an approximate 1.97-acre area comprised of one (1) B-class residue, having a value of \$2000 **Tommy Hickman** for the highest offer amount of **\$2,000**.

(Division 10)

Project R-2123AB, Parcel, I-485

Mecklenburg County

Conveyance of an approximate .460-acre area comprised of one (1) A-class residue, having a value of \$33,818.18 to **Johnny Dean Jr. and Kimberly Dean** for the highest offer amount of **\$33,818.18**; total commission **\$1,000**.

NCDOT March 2021 Board of Transportation Agenda

**Approval of Conveyance of Highway Right of Way Residues by Real Estate Agent and/
or Auctioneer (continued)**

(Division 12)

**Project U-2404A, Parcel 006, Newton/Conover Loop
Catawba County**

Conveyance of an approximate .800-acre area comprised of one (1) B-class residue,
having a value of \$500 to **Zachary Lowman** for the highest offer amount of **\$500**; total
commission **\$1,000**.

CONVEYANCE ROW RESIDUE (HB 501)

5 PROJECT(S)

\$ 142,418.18

NCDOT March 2021 Board of Transportation Agenda

Approval of Conveyance of Highway Right of Way Residues

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, that the following highway right of way conveyances are approved:

(Division 7)

Project 34429.2.3, R-2413A 915A, I-73 from SR 2011 (Edgefield Road) to SR 2127 (Brook Bank Road)

Guilford County

Conveyance of approximately 0.622 acre area to Town of Summerville, to be used for the Public Good, for no consideration.

(Division 13)

Project 8.2017501, Proposed Valley Street from Biltmore Avenue to Popular Street in Asheville

Buncombe County

Conveyance of approximately 0.10 acre area, bounded by City of Asheville and used over the past years for parking, in exchange for City of Asheville maintaining the property on each end of a Pedestrian Bridge that is maintained by the Department

(Division 14)

Project 46292.2.1 I-5501 005, NC 280 (New Airport Road)

Henderson County

Conveyance of approximately 0.202 acre area having an appraised value of \$80,800 to AVL Holdings, LLC, the only interested adjacent owner for its appraised value of \$80,800.

CONVEYANCE ROW RESIDUE

3 PROJECT(S)

\$ 80,800.00

NCDOT March 2021 Board of Transportation Agenda

Approval of Conveyance of Surplus Highway Right of Way

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit that the following highway right of way conveyances are approved:

(Division 2)

Project 2130, Old US 17, Near East Front Street in City of New Bern Craven County

Disposal of approximately 1.66 acre surplus right of way to Sudan Temple Holding Corporation, the underlying fee owner, for no consideration.

(Division 14)

Project 46292.2.1, I-5501 001, I-26/NC 280 Interchange in Asheville Henderson County

Disposal of approximately 0.12 acre area of surplus right of way to Greater Asheville Regional Airport Authority, for the appraised value of \$33,875.

CONEYANCE OF SURPLUS HIGHWAY RIGHT OF WAY 2 PROJECT(S)	\$ 33,875.00
---	---------------------

NCDOT March 2021 Board of Transportation Agenda

Approval of Permanent Natural Gas Line Easement

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit that the following highway right of way conveyances are approved:

(Division 3)

**Project 54023.2.1 U-5732 019, US 17 from SR 1582 (Washington Acres Road) to SR 1563 (Sloop Point Loop Road) convert to Superstreet
Pender County**

The Department acquired a residual tract from Mark Kevin Collins and wife, Rosemarie Collins and others (019) located adjacent to US 17 in Pender County. Piedmont Natural Gas has requested the Department to allow it to place a 8 inch natural gas line across the aforementioned residual tract. The Department has determined the placement of the 8 inch natural gas line would cause damages to the residual tract in the amount of \$12,841 to be paid upon delivery of Easement. This is to request authority for Manager of Right of Way Unit to execute the appropriate instrument.

APPROVAL OF PERM. NATURAL GAS LINE EASEMENT	1 PROJECT(S)	\$ 12,841.00
--	---------------------	---------------------

R-ITEM SUMMARY	17 PROJECT(S)	TOTAL:\$ 269,934.18
-----------------------	----------------------	----------------------------

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2020 - 2021**

There will be no Maintenance Allocation submitted to the Board for approval at the March 2021 Board meeting.

There are no Comprehensive Transportation Plans to be presented for approval at the March 4, 2021 Board of Transportation Meeting.



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

February 10, 2021

MEMORANDUM TO: Board of Transportation

FROM: Utilities Unit

SUBJECT: Encroachments Contracts E071-068-20-00045 and E071-068-20-00362 for Private Bridges in Orange County – University of North Carolina Hospitals

The Utilities Unit and Division 7, District 2 Engineer's offices have worked cooperatively with UNC Hospitals and their prime contractor Skanska USA Building, Inc. towards reviewing and approving two privately maintained bridges over SR 1902 (Manning Drive) in Chapel Hill.

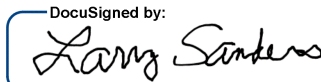
Based on North Carolina G.S. 136-18(37), the erection of private bridges by encroachment requires Board of Transportation approval. The Utilities Unit recommends approval of the two private bridges owned by University of North Carolina Hospitals following extensive review and appropriate revisions to the plans from the offices of District Engineer, Geotechnical Unit, Structures Management Unit, Roadway Design Unit, Utilities Unit, and Transportation Mobility & Safety Division.

Encroachment Contract E071-068-20-00045 refers to Bridge "A" while Encroachment Contract E071-068-20-00362 refers to Bridge "B" on SR 1902 (Manning Drive).

While the technical reviews are being handled by the respective NCDOT Units, the first page of the approved plans for Bridge "B" and Board of Transportation agreement are attached for your further handling. All pertinent plans and documents associated with this request are respectfully filed under Encroachment Submission ID's [E071-068-20-00045](#) and [E071-068-20-00362](#).

Sincerely,

Byron Sanders, Jr., PE, CPM
State Utilities Manager

DocuSigned by:
A handwritten signature in blue ink that reads "Larry Sanders".

C1AAA5BAED54467...
Larry D. Sanders, MGIST, PE, CPM
State Encroachments Engineer

Attachment

NORTH CAROLINA
ORANGE COUNTY

ENCROACHMENT AGREEMENTS

DATE: 2/2/2021

NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION

AND

UNC HOSPITALS

THIS AGREEMENT is made and entered into on the last date executed below, by and between the North Carolina Department of Transportation, an agency of the State of North Carolina, hereinafter referred to as the "Department" and UNC Hospitals, hereinafter referred to as the "Hospital".

WITNESSETH:

WHEREAS, the Hospital intends to construct and maintain two (2) sky bridge facilities that span SR 1902 (Manning Drive), a part of the State highway system within the corporate limits of the Town of Chapel Hill; and,

WHEREAS, pursuant to NCGS § 136-18 (37), the Department is vested with the power to permit the use of and encroachment upon the right-of-way of a State highway or road for the purpose of construction and maintenance of a bridge owned by a private or public entity, if the bridge shall not unreasonably interfere with or obstruct the public use of the right-of-way; and,

WHEREAS, the Department has determined that the sky bridge facilities constructed by the Hospital does not unreasonably interfere with or obstruct the public use of the right-of-way; and,

WHEREAS, the Department's Encroachment ID E071-068-20-00045 refers to the Hospital's Bridge "A" and the Department's Encroachment ID E071-068-20-00362 refers to the Hospital's Bridge "B"; and,

WHEREAS, the bridges are to be constructed and maintained by the Hospital to provide pedestrian access for between the Hospital's surgical tower, main building and parking deck; and,

WHEREAS, the Board of Transportation, in its sole discretion, has found that encroachments of the sky bridge facilities are necessary and appropriate and authorizes the encroachments memorialized by this agreement; and,

NOW, THEREFORE, in consideration of the premises and the benefits accruing to the public from this agreement, the Department hereby permits the Hospital, its successors and assigns, to use and encroach upon the airspace above SR 1902 (Manning Drive) in the Town of Chapel Hill, for the purpose of maintaining two (2) sky bridge facilities upon the following terms and conditions:

1. The airspace covered by this agreement is particularly described in the approved plans filed with the Department, reference to which plans is hereby made. Locations, plans, specifications for any pedestrian or vehicular bridge authorized by this agreement shall be approved by the Department. The Department shall retain the right to reject any plans, specifications, or materials used or proposed to be used, inspect and approve all materials to be used, inspect the construction, maintenance or repair, and require the replacement, reconstruction, repair, or demolition of any partially or wholly completed bridge that, in the sole discretion of the Department, is unsafe or substandard in design or construction.
2. The Hospital, its successors and assigns, shall maintain the sky bridge facilities in good condition, both as to safety and appearance, so that they will not interfere with or endanger travel upon SR 1902 (Manning Drive), nor obstruct or interfere with its proper maintenance. The Department may regularly inspect the sky bridge facilities for safety. In the event the Hospital, its successors and assigns, fail to maintain the sky bridge facilities in good condition, the Department shall have the right to enter the premises to perform such work as may be necessary to restore the sky bridge facilities to a good state of maintenance. All cost incurred by the Department shall be borne by the Hospital. Payment of cost incurred by the Department will be made by the Hospital within 60 days of invoicing.
3. During any maintenance of the sky bridge facilities, the Hospital, its successors and assigns, shall coordinate compliance with the requirements of this agreement with the Department's Division 7 Engineer.
4. The Hospital shall have the bridges inspected every two years by a qualified private engineering firm based on National Bridge Inspection Standards and shall provide copies of the Bridge Inspection Reports to the Department where they shall be kept on file.
5. Any proposed changes in the sky bridge facilities must be approved by the Department prior to the work being performed, which approval shall not be unreasonably withheld.

6. The Hospital, its successors and assigns, shall be responsible for payment of any damages to SR 1902 (Manning Drive) and for any damages to the public for personal injury, loss of life, or property damage related to the construction and maintenance of the sky bridge facilities that result from the negligence of other tortious fault of Hospital and will indemnify the Department for any damages caused by the maintenance of the sky bridge facilities that result from the negligence of other tortious fault of Hospital. The Department shall require the Hospital to purchase and maintain or provide proof of liability insurance in the amount of five million dollars (\$5,000,000) for property damage and/or injury resulting from the construction of the bridges. The Department shall be named as an additional insured and coverage shall be maintained for a period of one year after the bridges are opened for traffic.
7. Upon reasonable notice to the Hospital, authorized representatives of the Department shall have the right to enter the sky bridge facilities at reasonable times for the purpose of inspection, maintenance or reconstruction of SR 1902 (Manning Drive).
8. The airspace above SR 1902 (Manning Drive) covered by this agreement shall be used in connection with the Hospital's medical and health facilities, and any change in this use shall receive prior approval by the Department, which approval shall not be unreasonably withheld.
9. The rights of the Hospital, its successors and assigns, to the airspace above SR 1902 (Manning Drive) under this agreement shall not be transferred, assigned or conveyed to another party without prior approval of the Department, which approval shall not be unreasonably withheld.
10. The Department may revoke this agreement if it is violated by the Hospital, or its successors and assigns, and such violation is not corrected within a reasonable length of time after written notice of noncompliance has been given and a reasonable opportunity to be heard has been afforded to the Hospital. The Department may revoke this agreement if the Hospital, its successors or assigns, cease to use or abandon the sky bridge facilities. Any bridge authorized or construction pursuant to this agreement shall be subject to all other rules and regulations of the Department for encroachments. The foregoing are the only causes for revocation and in the event that this agreement is so revoked, and the Department deems it necessary to require the removal of the portion of the sky bridge facilities, the Hospital, its successors and assigns, shall remove them in a safe and orderly manner.
11. The Hospital shall adhere to all other provisions listed with the approved encroachment agreements.

IN WITNESS WHEREOF, this Agreement has been executed, in duplicate, the day and year heretofore set out, on the part of the Department and the Hospital by authority duly given.

ATTEST

BY:

TITLE:

UNC HOSPITALS

BY:

TITLE:

DATE:

Simon George (Feb 3, 2021 10:48 EST)

VP Real Estate and Development

Feb 3, 2021

N.C.G.S. § 133-32 and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

Federal Tax Identification Number

56-1118388

(SEAL)

Remittance Address:

UNC Hospitals

101 Manning Drive

Chapel Hill, NC 27514

DEPARTMENT OF TRANSPORTATION

DocuSigned by:

BY:

Ronnie Kester

(CHIEF ENGINEER)

2/11/2021

DATE:

PRESENTED TO BOARD OF TRANSPORTATION ITEM O:

(DATE)

SURGICAL TOWER

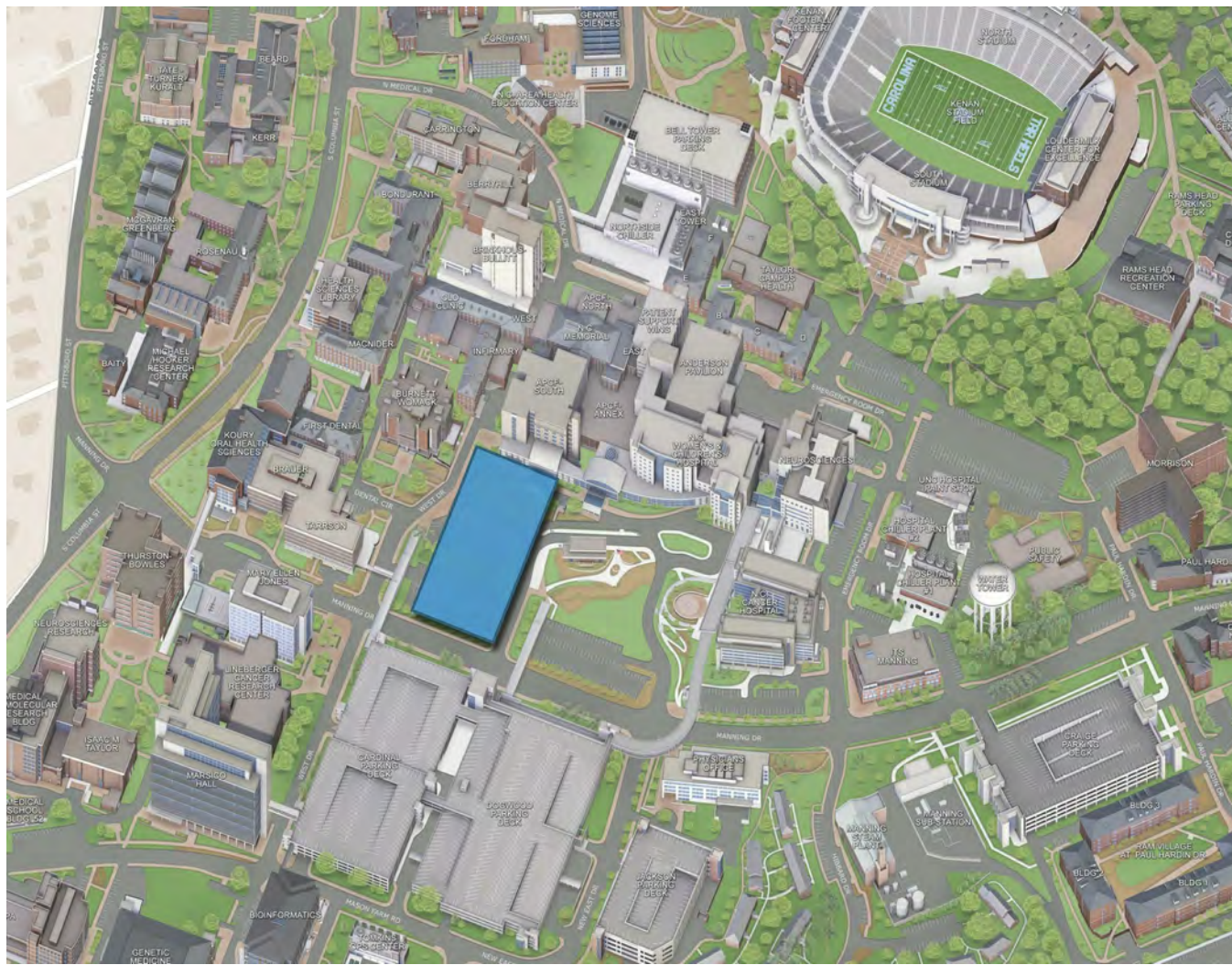
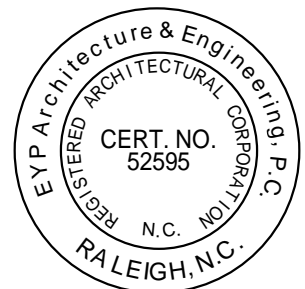
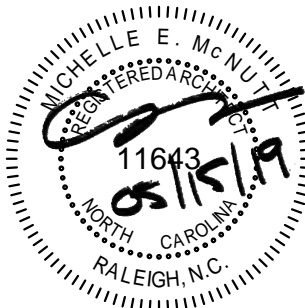
UNIVERSITY OF NORTH CAROLINA HOSPITALS

101 Manning Drive
Chapel Hill, NC 27517

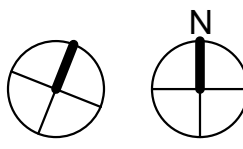


EYP Architecture & Engineering
811 W Hargett St
Raleigh, NC 27603
919 833 8818
eypae.com/healthcare

EYP



Location Map



Package 3: Building

Volume 1

Bid Set

Date: 05/15/19
EYP Project Number: 6016061.02
SCO ID: 17-17766-02D
DHSR ID: HL-11308

CONSULTANTS



CONSTRUCTION MANAGER

Skanska Building USA Inc
4309 Emperor Blvd, Suite 200
Durham, NC 27703
919 941 7900
skanska.com



LANDSCAPE ARCHITECT
CIVIL / STRUCTURAL ENGINEER

Stewart
223 South West Street, Suite 1100
Raleigh, NC 27603
919 380 8750
stewartinc.com
Fire License # C-1051



FIRE PROTECTION / PLUMBING /
MECHANICAL / ELECTRICAL ENGINEER

Affiliated Engineers Inc
1414 Raleigh Road, Suite 305
Chapel Hill, NC 27517
919 419 9802
aeieng.com
Firm License # C-2982



VERTICAL TRANSPORTING
PNEUMATIC TUBE

Lerch Bates
900 Circle 75 Parkway, Suite 1300
Atlanta, GA 30339
770 203 0578
edltd.com
lerchbates.com



LOW VOLTAGE CONSULTANT

EDI Ltd / A Division of Ross & Baruzzini
1600 Riveredge Parkway NW, Suite 900
Atlanta, GA 30328
770 956 7000
edltd.com
Firm License # F-1150



ACOUSTICS ANALYSIS

Thorburn Associates
2500 Gateway Centre Blvd, Suite 900
Morrisville, NC 27560
919 463 9995
ta-inc.com

WALTER P MOORE

Envelope / Reflectivity Analysis
Walker P Moore
811 W Hargett St
Durham, NC 27713
919 806 4235
walterpmoore.com



ENERGY

The Weidt Group
811 W Hargett St
Raleigh, NC 27603
919 833 8818
theweidtgroup.com



LIGHTING DESIGN

Essential Light Design Studio LLC
3027 Clover Street
Dallas, TX 75226
972 415 8655
essentiallight.com



MATERIAL MANAGEMENT

St Onge Company
1400 Williams Road
York, PA 17402
717 840 8181
stonge.com



MEDICAL EQUIPMENT PLANNING

i-SCIENCE LLC
20280 North 59th Avenue, Suite 115
Glendale, Arizona 85308
602 315 1955
i-science.com



TRAFFIC CONSULTANT

Ramey Kemp & Associates Inc
5838 Fairington Place, Suite 100
Raleigh, NC 27609
919 872 5115
rameykemp.com



COST CONSULTING

Cumming
302 East Pettigrew Street, Suite 130
Durham, NC 27701
919 972 9244
ccorpusa.com



AIR DISPERSION

Rowan Williams Davies and Irwin Inc
450 Southgate Drive
Guelph, Ontario N1G 4P6
519 823 1311 x2505
rwdi.com



CODE COMPLIANCE

Carolina Specialty Engineering PC
5530 Dilard Drive, Suite 130
Cary, NC 27519
919 424 3888
jensenhughes.com

Committee Reports

Advanced Technologies (ATC) Committee – Committee Chair Zimmer provided a summary of the committee's meeting topics that included:

Becca Gallas, P.E., Chief Engineer's Office- Staff Engineer – NC Transportation Innovation Council and FHWA Innovation Programs gave an overview of the NC-TIC history and the current successful programs for innovation across the department and the state (some include CLEAR program, UAS, and EV conversion of fleet vehicles). An overview was given of the FHWA Innovation Programs, STIC, which is federal funds used for innovative practices, AID Demo, which is a million-dollar funding program, and Everyday Counts, which is a two-year program that assesses where we are in the department and implements resources.

Dominic Ciaramitaro, P.E., State Traffic Operations Engineer – Advanced Safety Service Patrol Technology Deployment gave an overview of the backyard programs and the NCDOT Incident Management programs, STIC grant pilot programs and how tethered drones are utilized and the benefits. An overview was given of the safety emergency devices and the training and implementation plans.

Trey Carroll, P.E., Structures Management Unit, Project Engineer- Policy Development – Harkers Island Bridge Replacement gave an overview of the carbon fiber reinforced polymer bars used for bridge construction of the Harkers Island Bridge Replacement, which has a life usage of 20-23 years. The Harkers Island Bridge Replacement project will create lasting results and be Let July 2021.

Road, Bridge and Ferry Naming Committee – Committee Chair Fox provide a summary of the committee's meeting topics that included:

The committee approving one road designation request to bring forward to the full board in April:

Officer Tyler A. Herndon Highway – NC 273 from the southern City Limits of Mount Holly near Interstate 85 north to the intersection with Morningside Drive

Kevin Lacy discussed a request that the Public Art on the Right of Way has received. The Road/Bridge/Ferry Naming Committee Board Members would like to receive an overview of the Public Art on the Right of Way Policy. This will be scheduled for the next Road/Bridge/Ferry Naming Committee meeting in May.

Multi-Modal Committee – Committee Chair Moran provide a summary of the committee's meeting topics that included:

Public Transportation and Aviation Funding items presented by Multi-Modal Directors and were recommended for approval by the Multi-Modal BOT Committee. Julie White, Deputy Secretary for Multi-Modal Transportation gave Multimodal Updates. Jason Orthner, PE, Rail Division Director gave a presentation on The Future of Rail in North Carolina.

Highways Committee – Committee Chair Tarleton provide a summary of the committee’s meeting topics that included:

Ms. Heather Fulghum, Manager of the NCDOT Right of Way Unit, provided a presentation on residue / remnant properties. These properties are created “when the remainder of a condemned property” or a property being acquired by a condemning authority “is left in such a condition that it will be of little value to the owner.”

Factors that are considered in determining that a remainder is an uneconomic remnant include:

- The size and shape of the remainder,
- Control of access,
- Cuts and fills, as they may affect access,
- The economic effect on a business operation,
- The effects on a farming operation,
- Loss of water/sewer, and
- The effect on residential and all other types of property.

In 2017, the General Assembly passed HB501, mandating DOT dispose of residue property as expeditiously as possible. This proactive disposal process included the classification of properties based on developability, viable purchasers, physical characteristics of the property and access.

HB 501 mandated a pilot program to reduce inventory of DOT residue property, which required the selection of three real estate brokers and three real estate auctioneers/firms to dispose of a representative sample of residue properties. The pilot included two phases of 180 days.

Following the two pilot phases, DOT began the Legislative Accelerated Residue Sale Program for 2020. The Department is now beginning the Legislative Residue Sale Program for 2021. Contracts for realtor and auctioneer services have been approved by the Board.

Benefits of the program include:

Using realtors and auction houses helps alleviate burden of disposal from the Department, creating a partnership with private firms whose expertise in property disposal expedite sales, and increasing market exposure through private enterprise for residues.

Disposal of revenues of any class:

Alleviates the Department from further maintenance of land that is unnecessary for highway projects, creates sales revenue for the Department, restores property back to private individuals for future development; and creates an increased tax base for the respective county.

The second presentation heard by the Committee was regarding resilience and improving flood risk management.

Mr. Colin Mellor of the Department's Environmental Policy Unit discussed the North Carolina Climate Risk Assessment and Resilience Plan, which is a comprehensive strategy for reducing North Carolina's vulnerability to climate change. It was published in June 2020.

The Department is currently working on a resilience policy that is based on two primary principles – using the latest verified scientific data and fiscal responsibility. The next steps in the policy development include working to identify what is vulnerable, benefit-cost analyses of resilience projects and continue internal and external collaborative opportunities.

Mr. Matt Lauffer of the NCDOT Hydraulics Unit discussed flood risk management and identifying vulnerabilities to improve resiliency. The Department is utilizing technology to better predict impacts from storm events. Tools such as the Predicted Primary Road Inundation tool and the Coastal Roadway Inundation Simulator tool help the Department use different scenarios to anticipate storm impacts. As for design considerations, the Department looks for context specific solutions. Solutions may include protecting downstream embankments to eliminate washouts.

The Department is implementing a software tool called BridgeWatch to predict and monitor flooding and scour potential at identified bridge sites throughout the state. USGS and Emergency Management gages placed at bridge and stream sites throughout the state provide site specific data. The initial implementation of BridgeWatch includes over 1500 high risk bridges. Alert thresholds have also been established to 193 coastal area bridges that are susceptible to storm surge.

FIMAN-T is another tool that the Department utilizes to improve NCDOT's response to flood impacts to transportation assets and predict storm surge impacts. FIMAN-T is being piloted along the Neuse River with plans to expand to other coastal rivers.

There is on-going research and studies surrounding resilient design, flood abatement, flood risk reduction and integrated flood prediction and response systems.

Finance Committee – Committee Chair Lathrop provided a summary of the committee's meeting topics that included:

Burt Tasaico gave a Revenue Update and explained the method they used for the SFY 2022 Forecast Cycle. Worked with OSBM and Fiscal Research in January to reach a Consensus Revenue Forecast by February 15th that will be used in drafting the next biennium budget. He presented several graphs for GDP, CPI, Annual Unemployment Rate, Crude Oil, and Light Car Sales that compared the Pre-Covid, Post-Covid, and February 2021 Update forecasts. He also explained the Federal Budget Process and the Congressional Budget Office forecast comparisons between Pre-Covid, Post-Covid and February 2021. He noted that the Post-Covid forecast expected around an \$8B shortfall and the February 2021 forecast has revised that to around a \$4B shortfall. He also noted the forecast for 2022 and beyond is virtually flat.

Financial/Budget Update and Spend Plan Amendment #2 – Stephanie King shared January ending cash balance was \$1.3B and the estimate for February ending cash balance is \$1.4B. Revenues continue to come in greater than last year and expenditures are less than last year. Expect to receive the Governor's Proposed Budget in March and will share it with the Board.

She shared she spoke with State Treasurer's Office about issuing additional bonds – proposing \$300M of GARVEE in September and \$300M of Build NC in October. The Spend Plan Amendment #2 was presented for approval. It has been approved by FPC and OSBM. It is a realignment of the current Spend Plan and is focused on what cash can be expended this SFY. It also incorporates Federal Revenue from the COVID Relief Package of \$229M. Stephanie is working with Johanna Reese to get General Assembly approval to use the federal relief funds. The Finance Committee unanimously approved Spend Plan Amendment #2 to be considered by the full Board.

Advance Construction – Stephanie King and Van Argabright shared techniques that allows FHWA to authorize a project without obligating those billable federal funds. DOT uses state funding to pay project costs until reimbursement. The Work Group was formed to review the process, make recommendations, and formulate a Draft Advance Construction Policy. Partnered with DOT Communications to develop a webpage to inform the public and explain the program. Van presented the AC Control Strategy and how GARVEE and Non-GARVEE AC will be tested. Each September the analysis will be completed, and the analysis and plan will be presented to the FPC.

The Chairman reminded members of the Board that the next meeting is scheduled for May 5-6, 2021.

Adjournment

There being no further business of the Board, Chairman Fox accepted a motion from Board Member Mathis, seconded by Board Member Clarke.

Chairman Fox shared that he will now conduct a roll call vote on the action item under consideration. When I say your name, please say either yes ("aye") to indicate yes or if opposed, please say "no".

Chairman Fox, Vice-Chair Perkins, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody all voted yes to adjourn.

Michael S. Fox

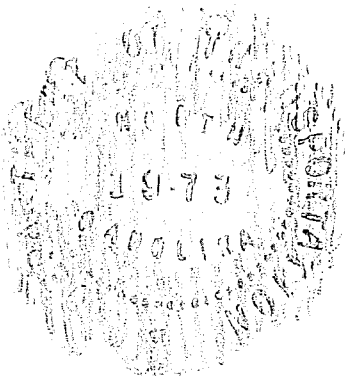
Chairman Fox

North Carolina Board of Transportation

Attest: Christelle J. Allen

Secretary to the Board of Transportation

Dated this day 4 March 2021.





NORTH CAROLINA Department of Transportation



NC Transportation Innovation Council and FHWA Innovation Programs

Rebecca Gallas, PE

March 3, 2021

NC-TIC Mission



The mission of the NC-TIC is to ***accelerate and help scale innovation*** within NCDOT and the state's surrounding transportation ecosystem by providing a platform for innovation, programming, and guidance on policies and best practices to ensure efficient investment in, and development and management of, North Carolina's transportation infrastructure.

NC-TIC History

- 2010 FHWA initiates “Every Day Counts”
- 2011, NCDOT and FHWA established the North Carolina Transportation Innovation Council (NC-TIC)
 - Co-led by NCDOT’s Chief Engineer and FHWA’s NC Division Administrator
- 2019- rechartered to be inclusive of multimodal units and expand opportunities with internal, academic and industry partnerships



Promoting Internal Innovation



Internal Innovation

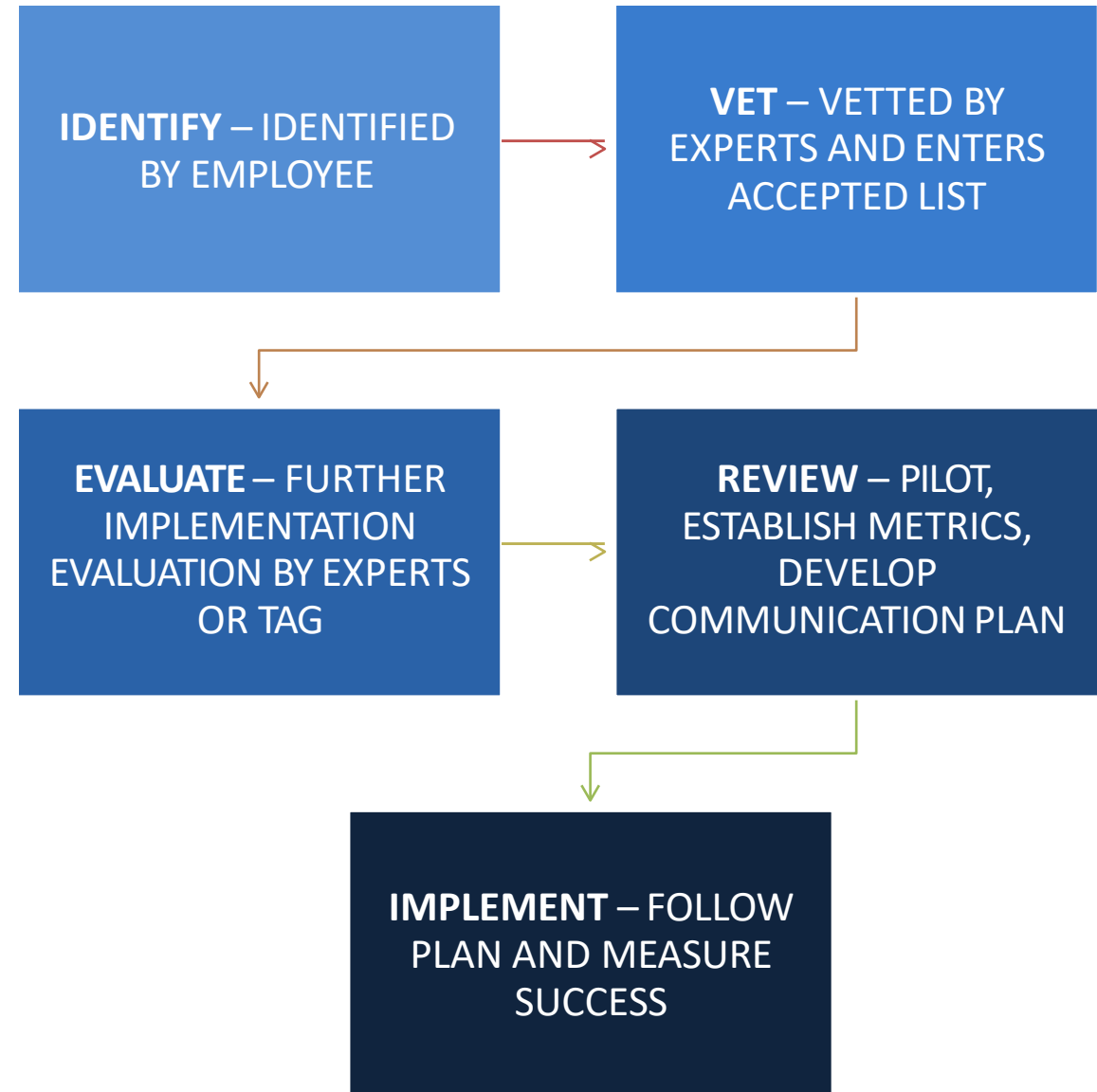
GOALS:

- FHWA Programs
 - Every Day Counts
 - STIC Incentive Funds & AID
- CLEAR Knowledge Management Program
 - Rank & File Ideas (Policy Council Method)
 - Leadership
- Strategic Implementation Teams (SIT)



CLEAR Knowledge Management

Share Lessons Learned	Share Best Practice/Idea	Request Assistance with an Obstacle
Do you have a Lesson Learned to share? Have you met an obstacle and solved the issue?	Do you have a best practice to share with the Department? Do you have an idea of something that could be used in the Department?	This review will be completed within 2 weeks. Do you have an issue, problem, or obstacle that you need assistance in solving?
Share Lessons Learned	Share Best Practice/Idea	Request Assistance with an Obstacle



Strategic Implementation Teams (SIT)



UAS

- Wrapped-up Phase 1- March 2020
- **Ongoing activities:** Opportunity Assessments, developing goals of next phase
- **SIT Lead:** Ben Spain



EV
Conversion
of Fleet
Vehicles

- Response to Executive Order 80
- **Ongoing activities:** DOA (Motorfleet) Telematics Analysis
- **SIT Lead:** Heather Hildebrant

FHWA Innovation Programs



Every Day Counts



State-based initiative to encourage the adoption of proven technologies and innovations aimed at shortening and enhancing project delivery.

EDC-6 Innovations (2021 - 2022)

Innovation	NCDOT Unit Responsible
Crowdsourcing for Operations*	Traffic Systems Operations
Virtual Public Engagement*	Public Involvement, Community Studies, Visualizations
E-Ticketing and Digital As-Builts	Construction Unit
Next-Generation TIM	Traffic Systems Operations
Strategic Workforce Development	Office of Civil Rights
Targeted Pavement Overlay Solutions	Materials & Test Unit

*Continued from EDC-5 (2019 – 2020)

STIC Incentive Funds



- Federal funding of up to \$100,000 per State, per Federal fiscal year
- To support or offset the costs of standardizing innovative practices in a State transportation agency or other public sector STIC stakeholder.
- Projects selected by NC-TIC

- Currently soliciting FY 2022 Proposals -

Selection of Current STIC Projects

Hydraulic
Design
Practices

Standardizing
the Leading
Pedestrian
Interval (LPI)

Advanced
Safety Service
Patrol
Technology
Assessment

Accelerated Innovation Deployment



The AID Demonstration program provides funding as an incentive to accelerate the use of innovation in highway transportation projects.

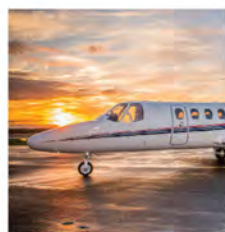
Funding maximum - \$1 Million

AID Projects

Technology	Project	Location	AID Funding
Geosynthetic Reinforced Soil-Integrated Bridge System (EDC-3)	Anson County Bridge Replacement # 201 Completed- 2016	Anson County	\$ 400,000
Carbon Fiber Reinforced Polymer (CFRP) Strands	Harker's Island Bridge Replacement Let- 2021	Harker's Island, Carteret County	\$ 1 Million



NORTH CAROLINA
Department of Transportation



Advanced Safety Service Patrol Technology Deployment

Dominic Ciaramitaro, PE

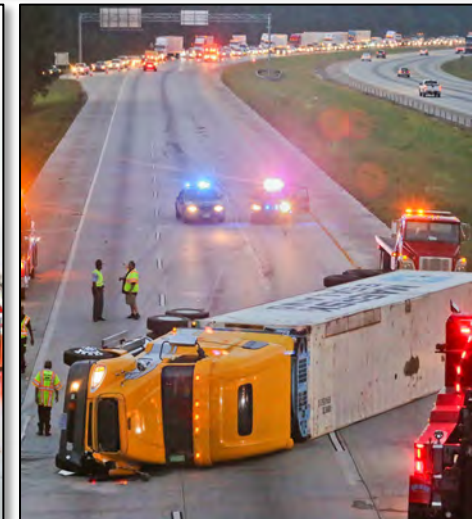
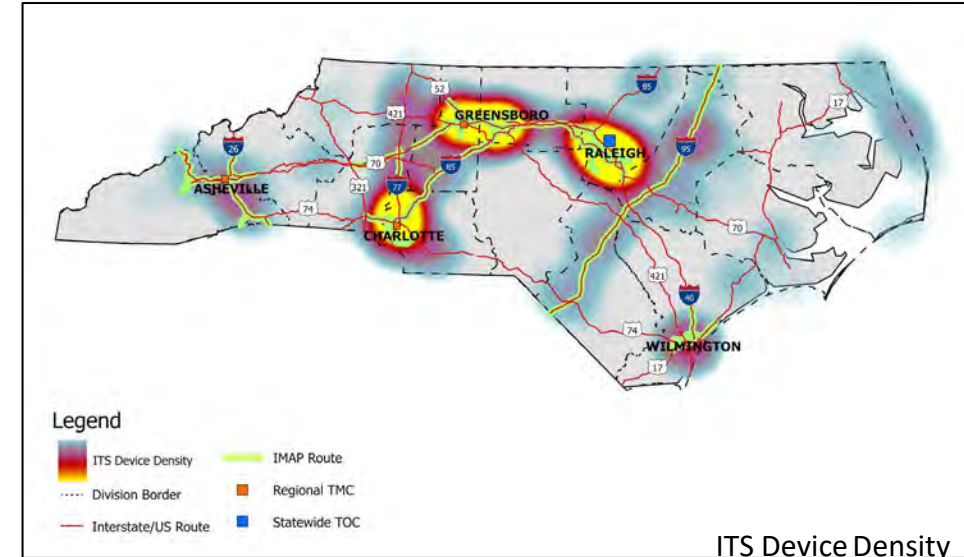
March 3, 2021

Agenda

- Background of Program and Pilot
- Pilot Technologies
 - Tethered Unmanned Aerial Vehicles (UAVs)
 - Emergency Vehicle Alerting Device
- Training and Implementation
- Challenges

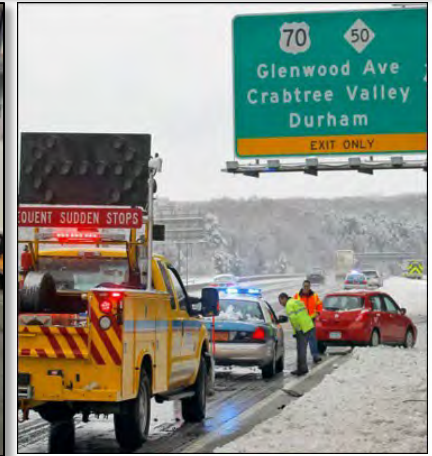
Background – Program

- NCDOT Incident Management Program
 - Role of IMAP
 - Role of Statewide Transportation Operations Center (STOC)
- Addressing risks in the field
 - Safety and Incident Clearance Time
 - Training
 - Technology



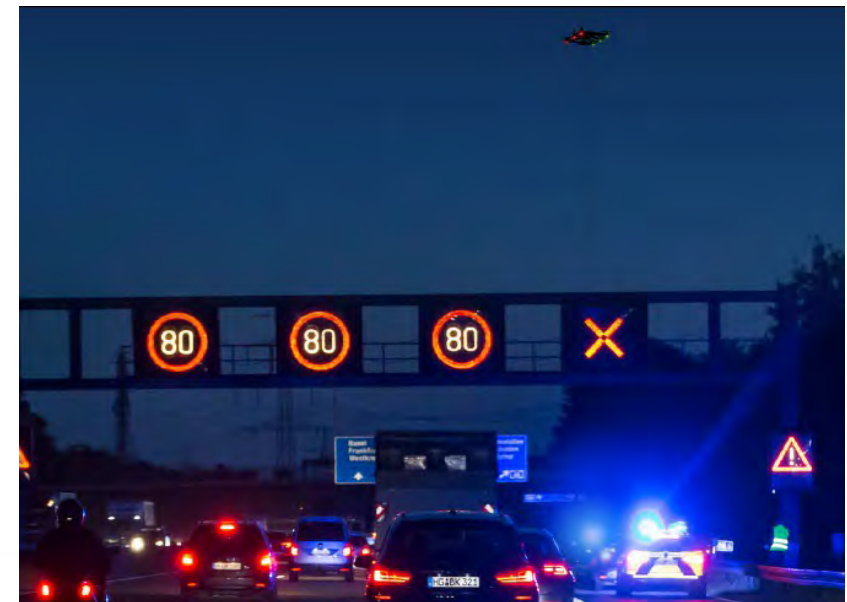
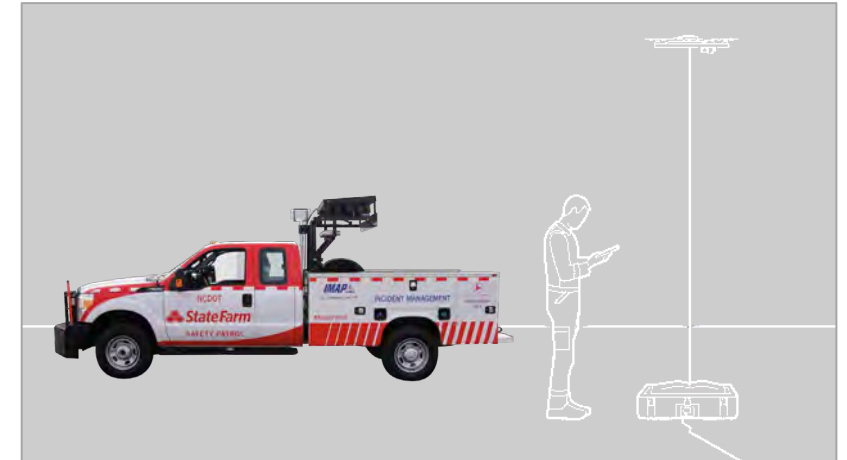
Background – Pilot

- FHWA FY 20 STIC Grant - Tech Pilot
 - \$50K (+ DOT match) grant through Dec 2023
 - Tethered Drones (situational awareness)
 - Emergency Vehicle Alert (safety)
- What are the benefits
 - Safety aspect (IMAP driver, responders)
 - Reduce secondary collisions
 - Reduce clearance time / less exposure
 - Enables Active Traffic Management



Situational Awareness - Tethered Drones

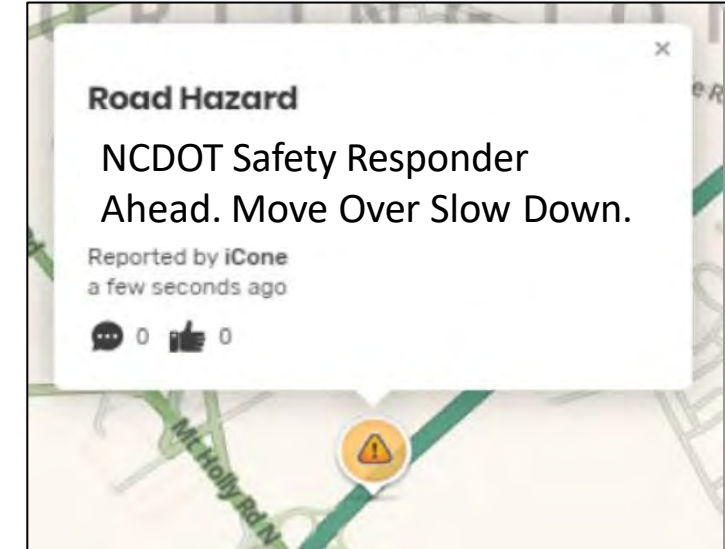
- Systems
 - Funding for 2 x systems
 - ~\$15K - \$25K per system (controller, drone, tether, streaming)
- Capabilities
 - Operator license not required, < 150' AGL
 - Live Streaming in STOC
 - High loiter time w/ minimal operation required
 - Collaboration w/ Div of Aviation
- Expected Benefits
 - Visual coverage in locations w/o traffic cameras and w/ better perspective
 - Allows for faster traveler information, lowering chance of secondary crashes and less exposure for responders
 - Queue monitoring, responding to traffic control, repositioning vehicles



Fotokite Drone

Safety - Emergency Vehicle Alerting Devices

- Systems
 - Funding for 20 x devices
 - ~ \$750-\$1500 / device
- Capabilities
 - Upon activation, an alert is delivered to navigation providers and DriveNC in real-time
 - Provides advance warning via mobile device
 - Support the State's "Move Over Law"
- Expected Benefits
 - Improved responder safety
 - Reduce message delay

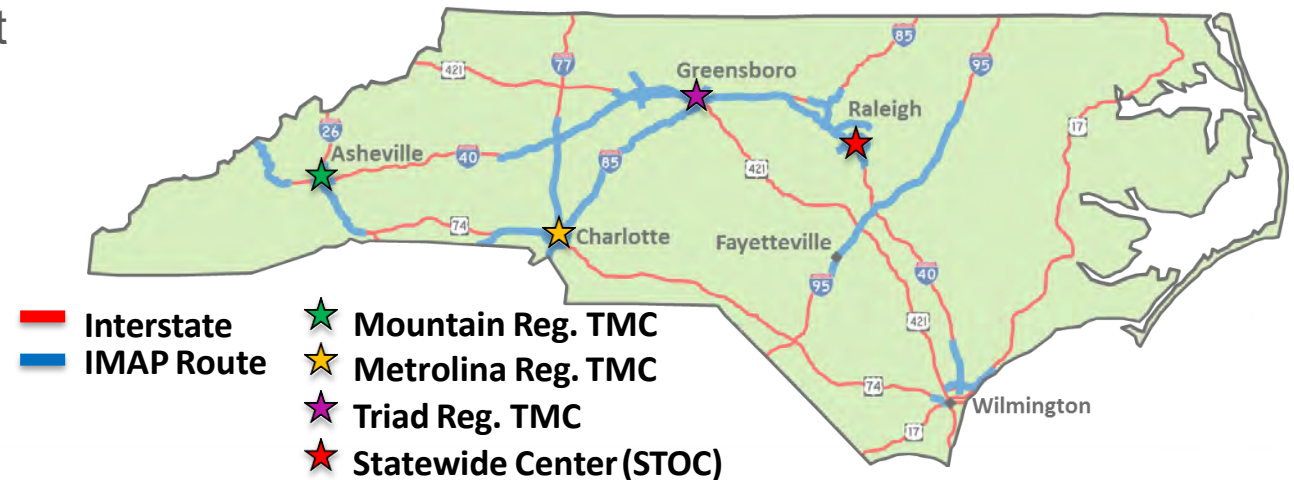


HAAS, HA-5 Transponder



Training and Implementation

- Pre-Deployment
 - Procure devices and setup cloud-based software
 - Regional distribution and rotation plan
 - Training development w/ Div of Aviation, IMAP Master Trainer, STOC Trainer
 - Peer exchange (NJ / PA / VA)
 - Installation
- Training
 - Refine techniques at Incident Management Training Track
 - Train drivers and supervisors
 - Train STOC supervisors and operators
 - Testing
- Implementation
 - Rotate devices across regions
 - Periodic assessment reports



Challenges

- Tethered Drones
 - Laws, FAA guidelines, restricted airspace
 - Line of Sight vs Beyond Line of Sight
 - Operation during incidents
 - Use around traffic
 - Weather use
 - Live streaming

132 STAT. 3284 PUBLIC LAW 115-254—OCT. 5, 2018

(1) the Office for Victims of Crime and the Office on Violence Against Women of the Department of Justice; (2) the Federal Bureau of Investigation; and (3) the Department of Transportation.

Subtitle B—Unmanned Aircraft Systems

SEC. 341. DEFINITIONS; INTEGRATION OF CIVIL UNMANNED AIRCRAFT SYSTEMS INTO NATIONAL AIRSPACE SYSTEM.

49 USC 44801. State Code amended by inserting after chapter 447 the following:

“§ 44801. Definitions.

“44802. Integration of civil unmanned aircraft systems into national airspace system.

49 USC 44801. “§ 44801. Definitions.

“In this chapter, the following definitions apply:

“(1) **ACTUALLY TETHERED UNMANNED AIRCRAFT SYSTEM.**—The term ‘actually tethered unmanned aircraft system’ means an unmanned aircraft system in which the unmanned aircraft component—

“(A) weighs 4.4 pounds or less, including payload but not including the tether;

“(B) is physically attached to a ground station with a taut, appropriately load-rated tether that provides continuous power to the unmanned aircraft and is unlikely to be separated from the unmanned aircraft; and

“(C) is controlled and retrieved by such ground station through physical manipulation of the tether.

“(2) **APPROPRIATE COMMITTEES OF CONGRESS.**—The term ‘appropriate committees of Congress’ means the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives.

“(3) **ARCTIC.**—The term ‘Arctic’ means the United States zone of the Chukchi Sea, Beaufort Sea, and Bering Sea north of the Aleutian chain.

“(4) **CERTIFICATE OF WAIVER; CERTIFICATE OF AUTHORIZATION.**—The terms ‘certificate of waiver’ and ‘certificate of authorization’ mean a Federal Aviation Administration grant of approval for a specific flight operation.

“(5) **COUNTER-UAS SYSTEM.**—The term ‘counter-UAS system’ means a system or device capable of lawfully and safely disabling, disrupting, or seizing control of an unmanned aircraft or unmanned aircraft system.

“(6) **PERMANENT AREAS.**—The term ‘permanent areas’ means areas on land or water that provide for launch, recovery, and operation of small unmanned aircraft.

“(7) **PUBLIC UNMANNED AIRCRAFT SYSTEM.**—The term ‘public unmanned aircraft system’ means an unmanned aircraft system

Support from
Division of Aviation,
UAS Program
Manager

IMAP Technology Pilot Takeaways

- Invest in the technologies
- Train and Coordinate
- Affirm safety benefits
- Evaluate the investment



NORTH CAROLINA Department of Transportation



Harkers Island Bridge Replacement

Trey Carroll, P.E.

March 3, 2021

Significance of the Harkers Island Bridge Replacement Project

Project Utilizing Innovative Technology:

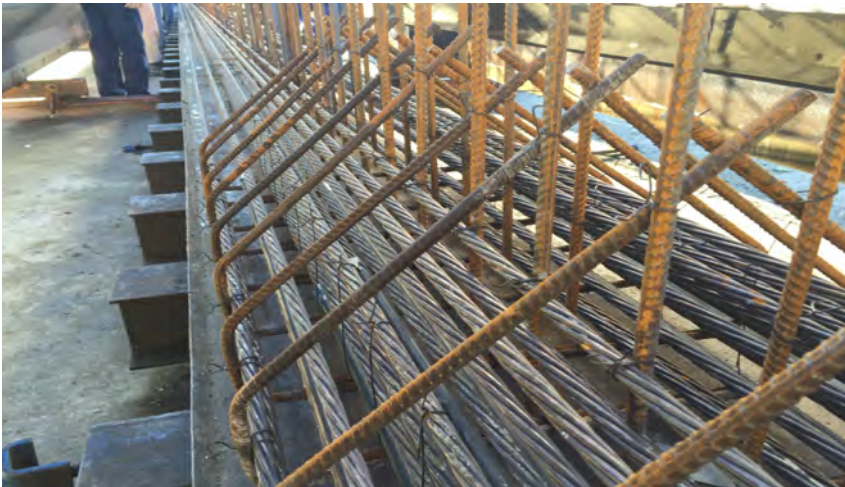
- Carbon Fiber Reinforced Polymer (CFRP) Strands
- Glass Fiber Reinforced Polymer (GFRP) Bars

Advantages of FRP Strands & Bars:

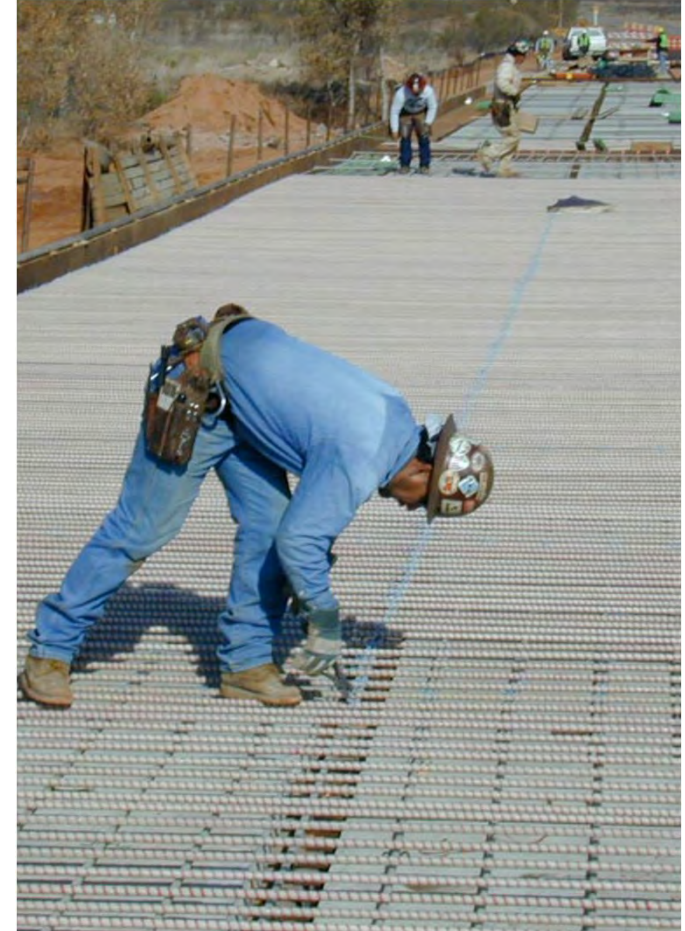
- Superior Corrosion Resistance
- High Tensile Strength
- Lightweight



Carbon Fiber Reinforced Polymer (CFRP) Strands



Glass Fiber Reinforced Polymer (GFRP) Bars



Former Bridge [20 years]



New Shinmiya Bridge [23 years]





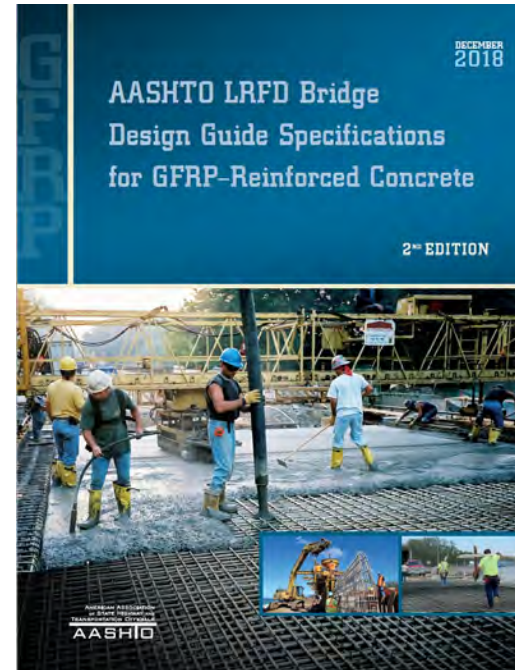
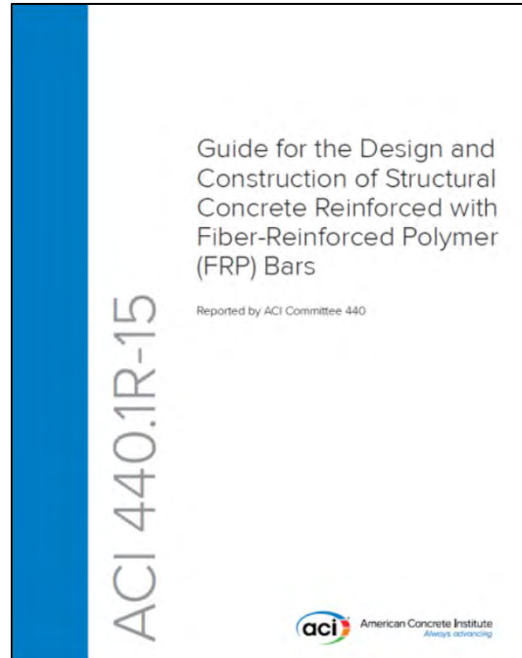
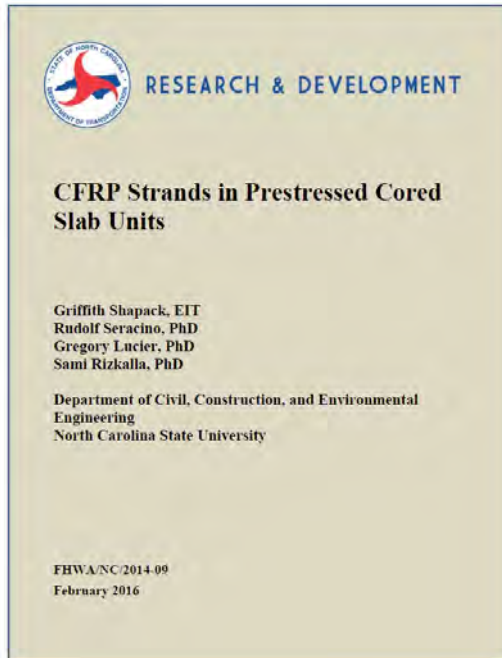
Leadup to Harkers Island

- 2005 – Glass Fiber Reinforced Polymer (GFRP) Bridge Deck
- 2014 – NCDOT/NCSU Research Project 2014-09: *CFRP Strands in Prestressed Cored Slab Units*
- 2017 – Transportation Pooled Fund Research Project – 5(363): *Evaluation of 0.7 inch Carbon Fiber Reinforced Polymer Pretensioning Strands in Prestressed Beams*



Codes, Manuals, & References:

1. NCDOT/NC State Research Project 2014-09 *CFRP Strands in Prestressed Cored Slab Units*
2. ACI 440.1 *Guide for the Design and Construction of Structural Concrete Reinforced with FRP Bars*
3. *Michigan, Florida, & Virginia DOT*
4. AASHTO LRFD *Bridge Design Specification for GFRP-Reinforced Concrete, 2nd Edition*
5. AASHTO *Guide Specification for the Design of Concrete Bridge Beams Prestressed with CFRP Systems*





Harkers Island, NC



Bridge No. 96

- Built 1970
- Superstructure Replacement 2013
- Functionally Obsolete



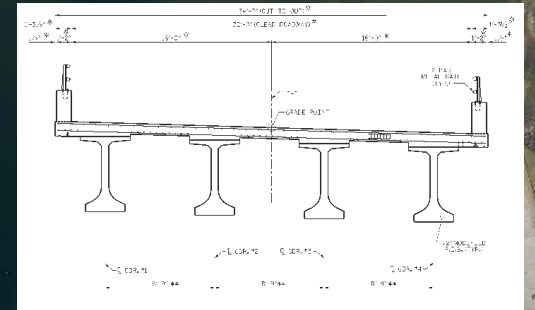
Bridge No. 73

- Built 1969
- Posted SV 24, TTST 37
- Structurally Deficient



Bridge No. 73

Bridge No. 96



Proposed Structure: 3,200'-0"
28 Spans

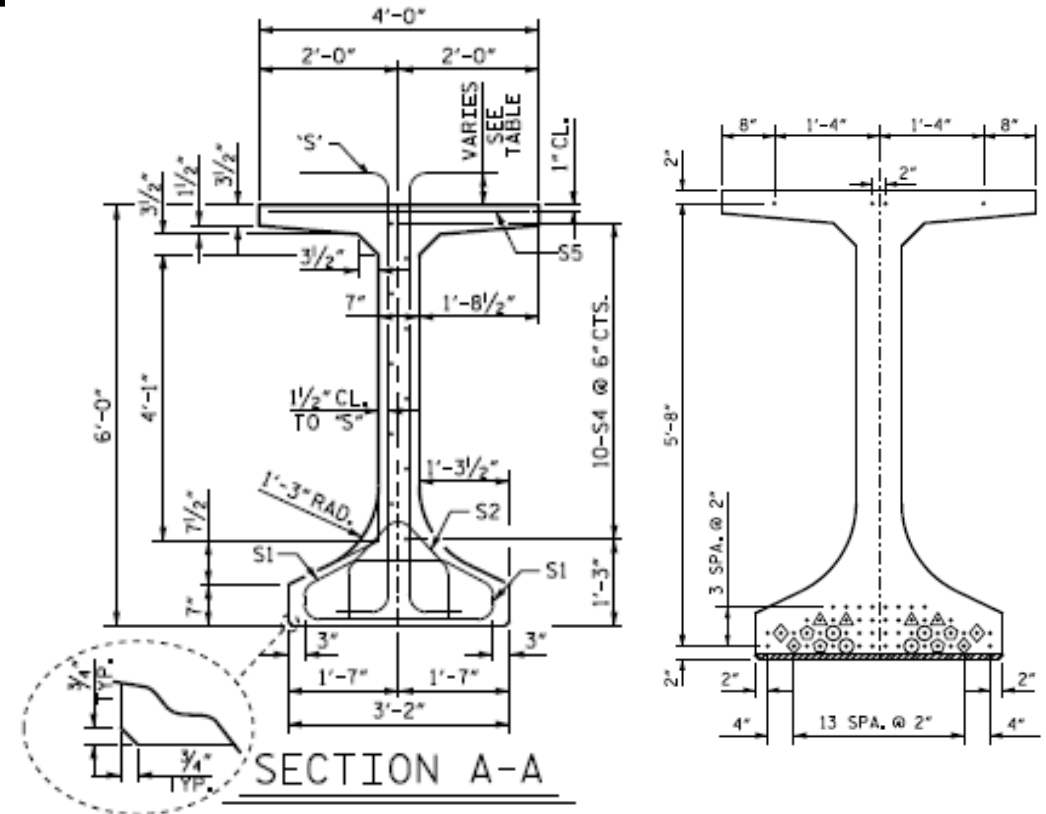
Harkers Island Bridge Project Details

- Cast-in-place Concrete (Superstructure* & Substructure)
 - Glass Fiber Reinforced Polymer (GFRP) Bars
- Prestressed Concrete Girders
 - Carbon Fiber Reinforced Polymer (CFRP) Strands
 - GFRP Stirrup Option
 - CFRP Stirrup Option
- Prestressed Concrete Piles
 - CFRP Strands
 - CFRP Spiral



Harkers Island Bridge Project Details

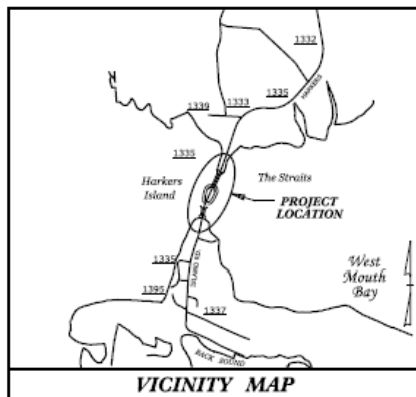
- Construction Estimate: \$39,900,000
- AID Commitment: \$1,000,000
- CFRP Prestressing Strand:
 - Girders: 650,000 Linear Feet
 - Piles: 325,000 Linear Feet
- GFRP Reinforcement:
 - Superstructure: 715,000 Linear Feet
 - Substructure: 200,000 Linear Feet



Funding for agencies to use innovations to deliver projects faster, better, and smarter.

TIP PROJECT: B-4863

CONTRACT: C204372



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CARTERET COUNTY

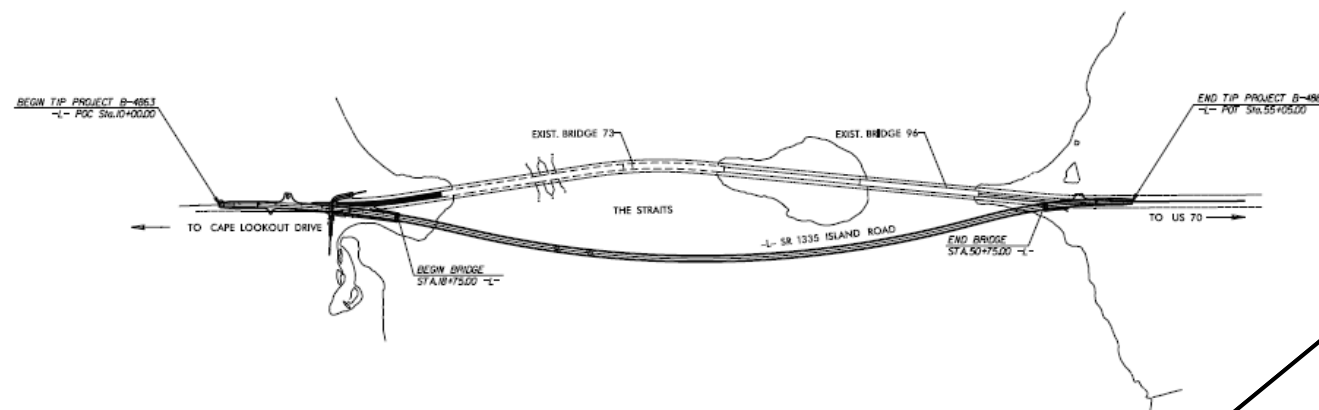
LOCATION: REPLACEMENT OF BRIDGE NOS. 73 AND 96 CARRYING
SR 1335 (HARKERS ISLAND RD) OVER THE STRAITS

TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE

STATE	STATE PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
N.C.	B-4863		
STATE PROJECT NO.	F.A. PROJECT NO.	DESCRIPTION	
40212.1.3	BRSTP-1335(3)	PE	
40212.2.2	BRSTP-1335(4)	R /W, UTIL.	
40212.3.1	BRSTP-1335(4)	CONST.	



LETTING DATE:
JULY 20, 2021



STRUCTURES



DESIGN DATA

ADT 2019 = 3,300
ADT 2040 = 4,200
K = 10 %
D = 60 %
T = 4 %
V = 50 MPH
*(TST=2% + DUAL=2%)
FUNC. CLASS = MAJOR
COLLECTOR
REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4863 = 0.247 MILE
LENGTH STRUCTURE TIP PROJECT B-4863 = 0.606 MILE
TOTAL LENGTH TIP PROJECT B-4863 = 0.853 MILE

Prepared in the Office of:
DIVISION OF HIGHWAYS

2015 STANDARD SPECIFICATIONS

LETTING DATE:
1749 JULY 20, 2021

T. H. CARROLL, PE
PROJECT ENGINEER

A. K. PATEL, PE
PROJECT DESIGN ENGINEER

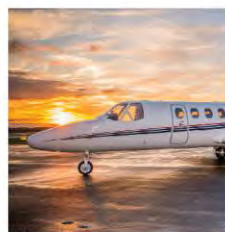
STRUCTURES MANAGEMENT UNIT
JIM BURCH, RIDGE DR.
RALEIGH, NC 27610

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



NORTH CAROLINA

Department of Transportation



The Future of Rail in North Carolina

Jason Orthner, P.E.
Rail Division Director

March 3, 2021

Presentation Outline

Rail Federal Grants and Economic Development

Southeast Corridor Initiative and Commission

Passenger Rail Development and Projects

Freight Rail Projects and Initiatives

Rail Safety Initiatives

State Rail Plan Update

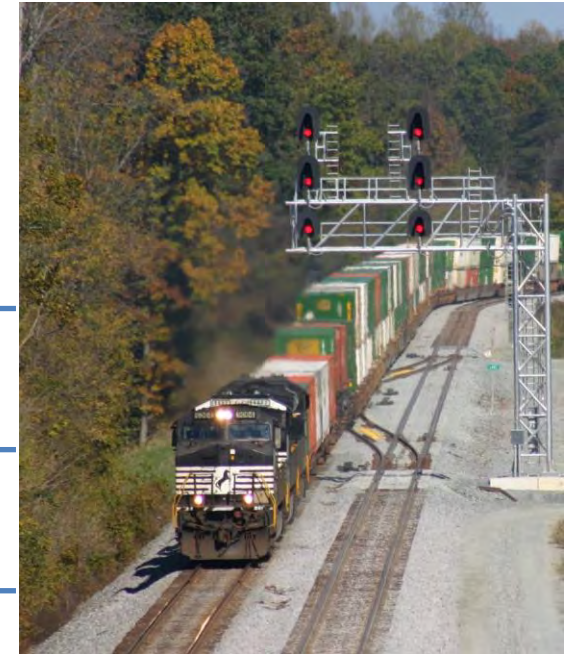


Photo: Adam Schultz

Rail Division Mission



The safe and efficient movement of people and goods on North Carolina's railroads through freight, passenger and safety programs, supporting job creation and economic growth.

Using Rail to Spark Economic Development

Passenger rail connects urban and rural centers

- Station areas provide economic development opportunities
- Rail provides efficient and fast backbone service to connect to other modes
- Allows productivity while moving

Freight rail moves large quantities of goods efficiently over distances

- Intermodal traffic is growing on Class I railroads
- Short line railroads are growing carload traffic through efficiencies
- The freight rail system is critical for large manufacturing



Rail Funding and Federal Grants

- Rail currently has no federal formula funding beyond grade crossing safety
- Competitive grant opportunities are provided through federal budget process
- NCDOT Rail has leveraged limited state funds to pursue federal grants



\$270M

\$47.5M	Southeast Corridor S-Line Development
\$156.8M	Piedmont Rail Improvement and Modernization
\$34.5M	Piedmont Atlantic Intermodal Rail System
\$10M	Millbrook Road Grade Separation
\$19.9M	Blue Ridge Road Grade Separation



*Nationally, the average federal grants available for passenger rail was **\$528M** over the past four years.*

Southeast Corridor Commission

- Six states and the District of Columbia
- Established to coordinate high performance rail system development south of D.C.

Commission and Executive Leadership:

NC: Julie White, Dep. Sec. of Multi-Modal Transportation, NCDOT
SEC Commission Chair

VA: Jennifer Mitchell, Director, VDRPT
SEC Commission Vice-Chair

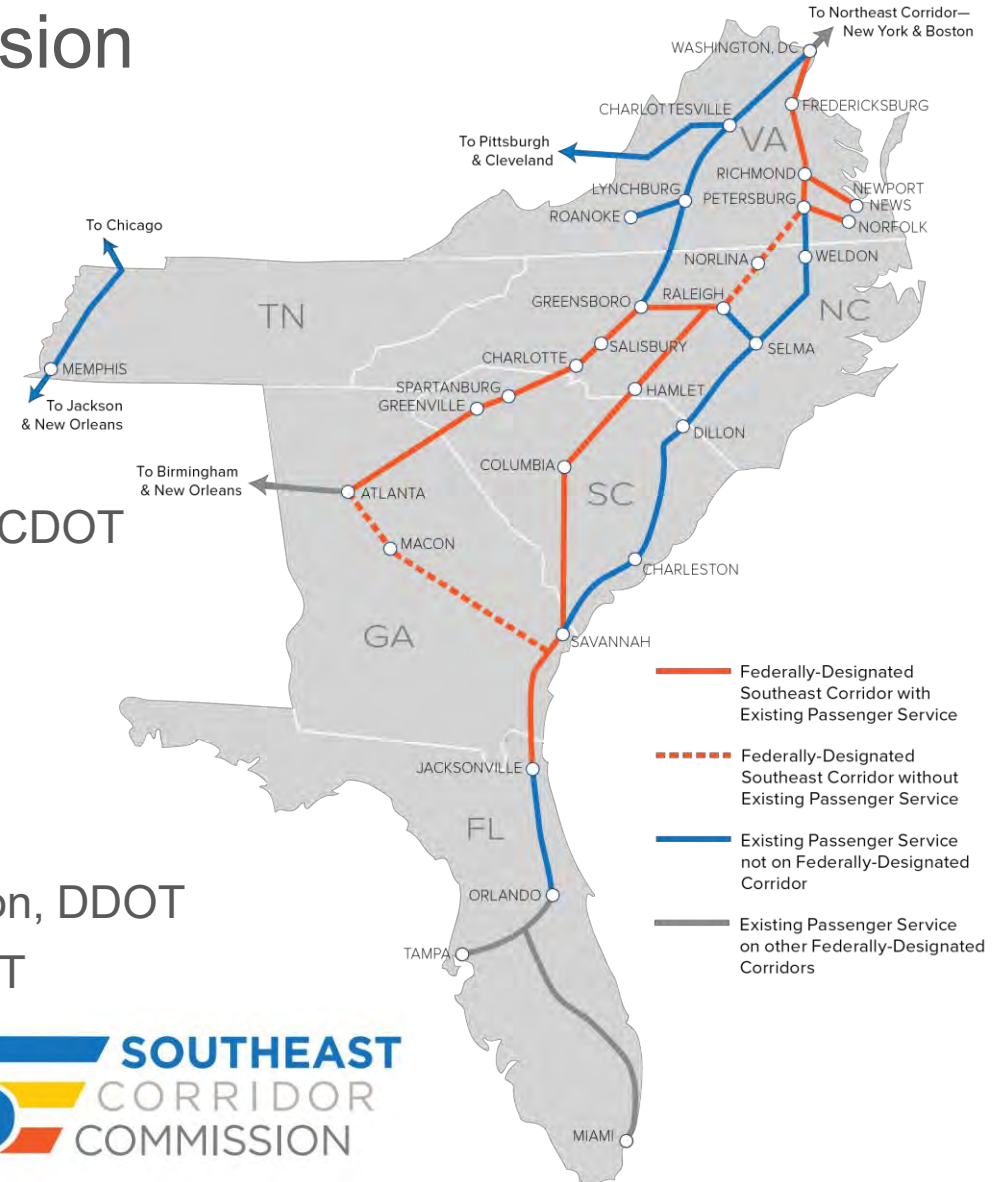
GA: Meg Pirkle, Chief Engineer, GDOT
SEC Commission Secretary

DC: Jeffrey Bennett, Assoc. Director, Transit Delivery Division, DDOT

SC: Brent Rewis, Dep. Sec. for Intermodal Planning, SCDOT

FL: Kevin Thibault, Secretary, FDOT

TN: Clay Bright, Commissioner, TDOT



Southeast Corridor: S-Line Development

\$47.5M

Rail received grant to
purchase
S-Line Right-of-Way

- VA in process of acquiring Petersburg south
- NC in process of acquiring Ridgeway south
- Service development plan in process
- Closely coordinating with communities along the line for development opportunities

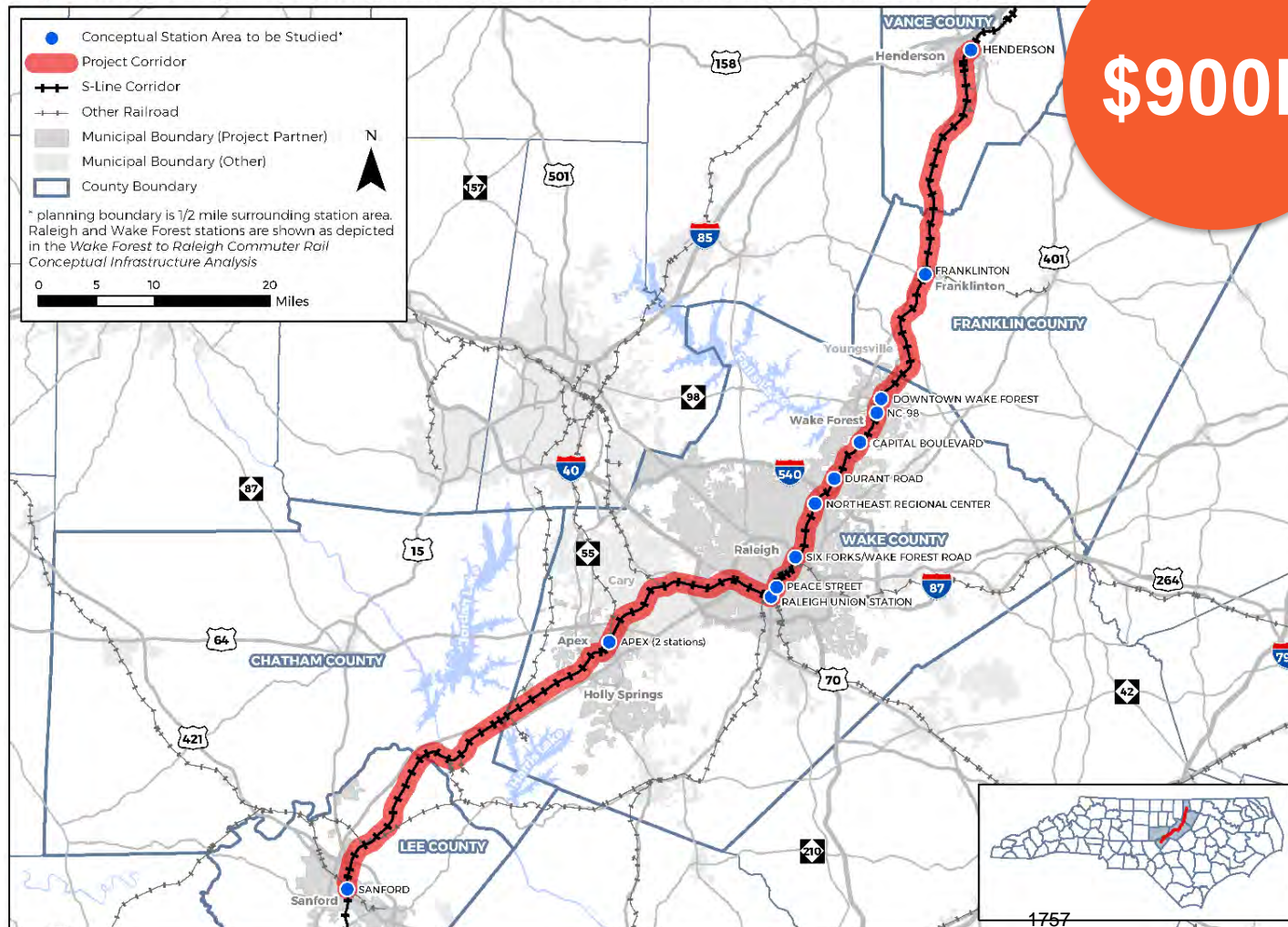


FTA TOD Planning Grant for the S-Line

Connecting Rural and Urban Triangle Communities Through Equitable Transit Oriented Development

Greater Research Triangle Region, North Carolina

Raleigh and Wake Forest study areas are shown as depicted in the *Wake Forest to Raleigh Commuter Rail Conceptual Infrastructure Analysis*



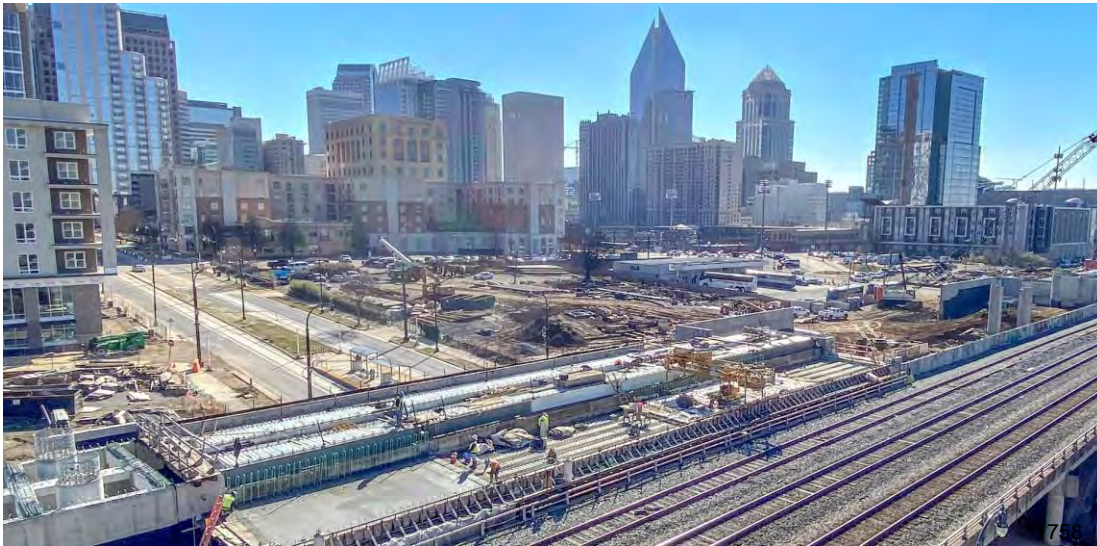
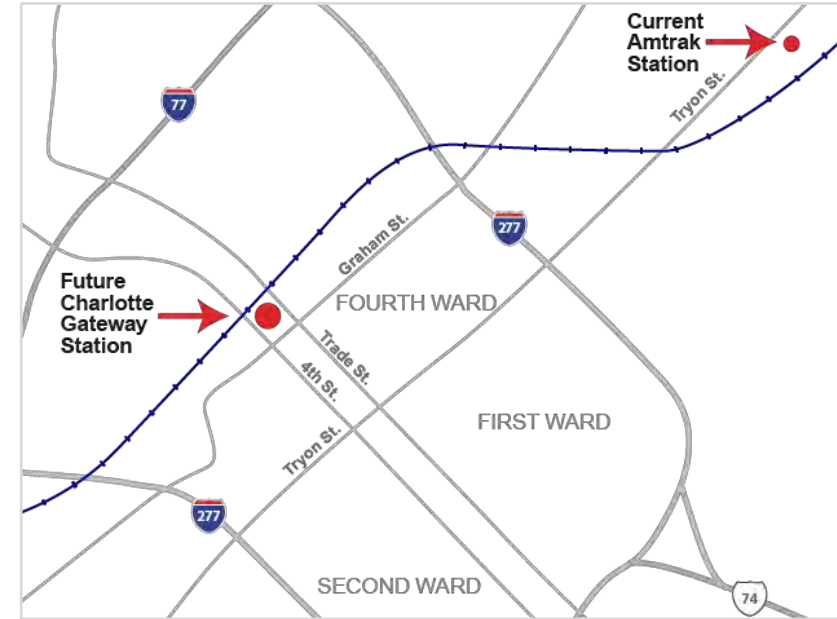
\$900K

- Opportunity for value capture in rural and urban areas
- 13 potential station study locations for TOD planning
- Community partners providing **100% of the non-federal match: \$370K**
 - Henderson: \$30K
 - Franklinton: \$30K
 - Wake Forest: \$90K
 - Raleigh: \$150K
 - Apex: \$40K
 - Sanford: \$30K

Charlotte Gateway Station

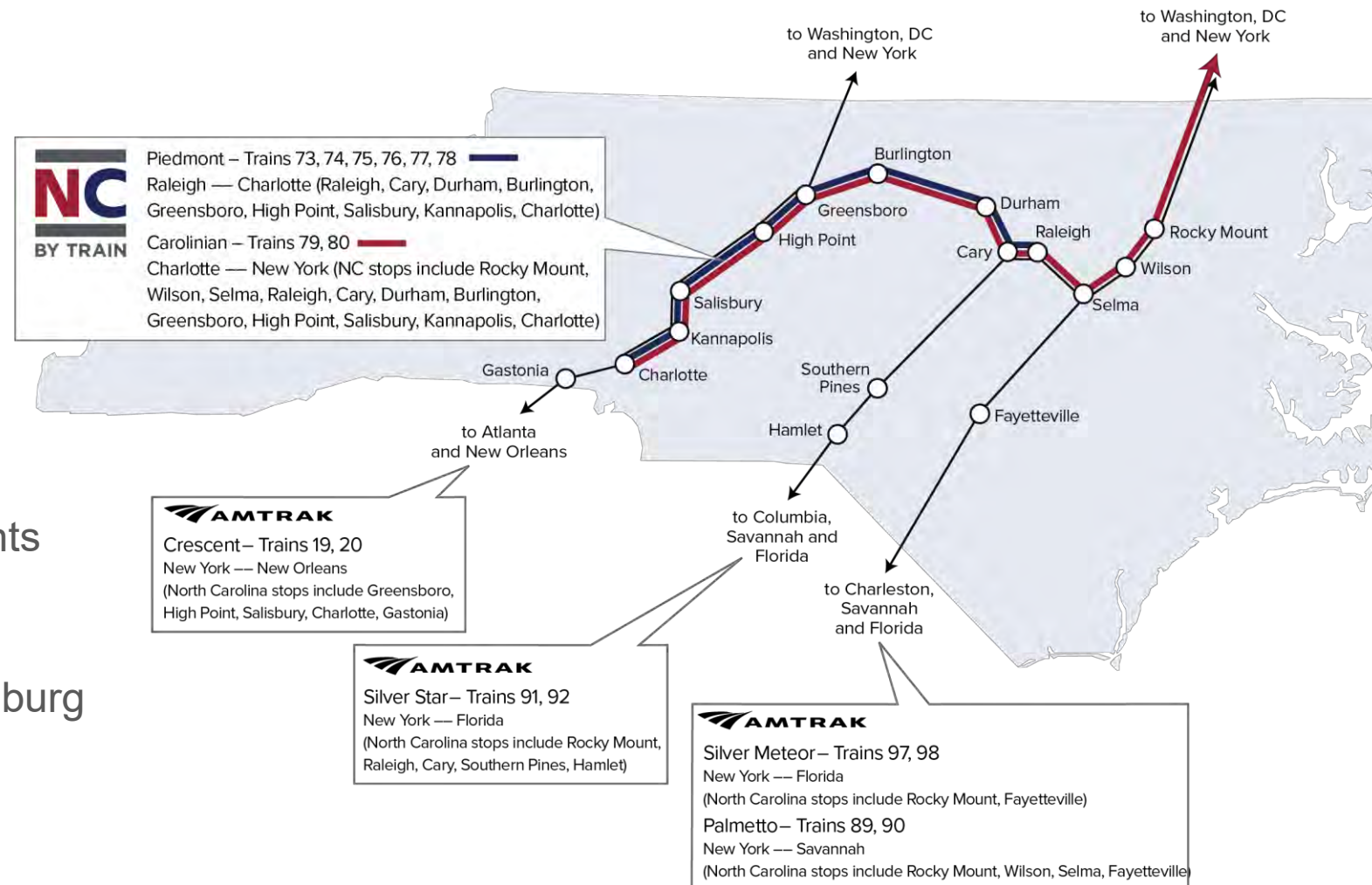
A Game-changing Project for the Region

- **Phase 1** supported through 2017 TIGER grant, STI, local funds and other federal funding
 - Phase 1 led by Rail Division; target completion: 2023
 - Includes all railroad infrastructure and platforms
- **Phase 2** Station and Multi-use Development
 - City leading with Gateway Partners LLC and NCDOT

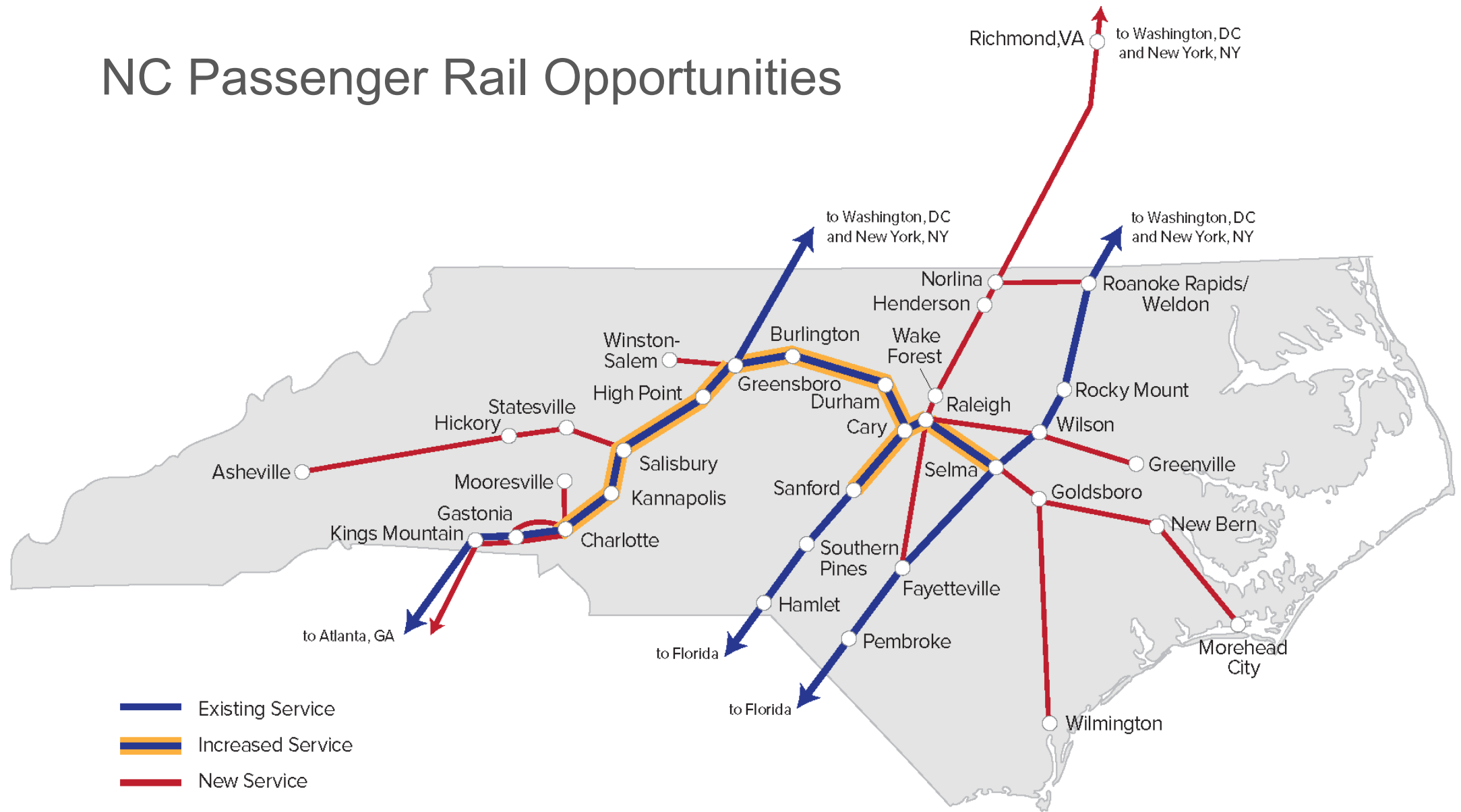


Piedmont Corridor Service Enhancements

- 4th *Piedmont* round trip with Charlotte Station opening, anticipated 2024
- Evaluating commute-convenient departures
- Studying Greensboro to Cary improvements for 5th *Piedmont* round trip allowed under agreements with railroads
- Stations under development at Hillsborough, Lexington and Harrisburg



NC Passenger Rail Opportunities



Rail Division at the Forefront of COVID Response

- Enhanced cleaning and social distancing at stations and onboard, face coverings required
- *Carolinian* trains 79 and 80 have consistently had best ridership recovery nationwide during pandemic
- *Piedmont* trains 73, 74, 75 and 76 have resumed regularly-scheduled service
- Trains 77, 78 resume service on April 5
- NC train service provides essential transportation to NC's diverse population



Current Train Services

- Have returned service in accordance with ridership demand
- Capacity limited on trains to ensure social distancing
- More train frequencies allow passengers to spread out as demand returns



NC's PRIME Rail Equipment Program

\$156.8M

Total won from 2018 & 2019 FRA Grants

Will include the purchase of 6 locomotives & 26 coaches to support *Piedmont* passenger service

Rail Division putting finishing touches on RFP
to go out Summer 2021

Equipment
Examples



Benefits of New Equipment

- New equipment will allow NCDOT to benefit from industry-wide technological advancements
 - Much improved ride quality, improved air quality, touchless doors and advances in space, functionality and lighting
 - Technology at seats and information systems



Carolina Connector (CCX) Update

Rocky Mount

- Completion anticipated 3rd Quarter, 2021
- Last activity involves assembly and commissioning of cranes
- Opening will align with increasing intermodal volumes
- New intermodal options for Triangle and Eastern NC
- Partnering with CSX, Carolinas Gateway Partnership, NC Ports



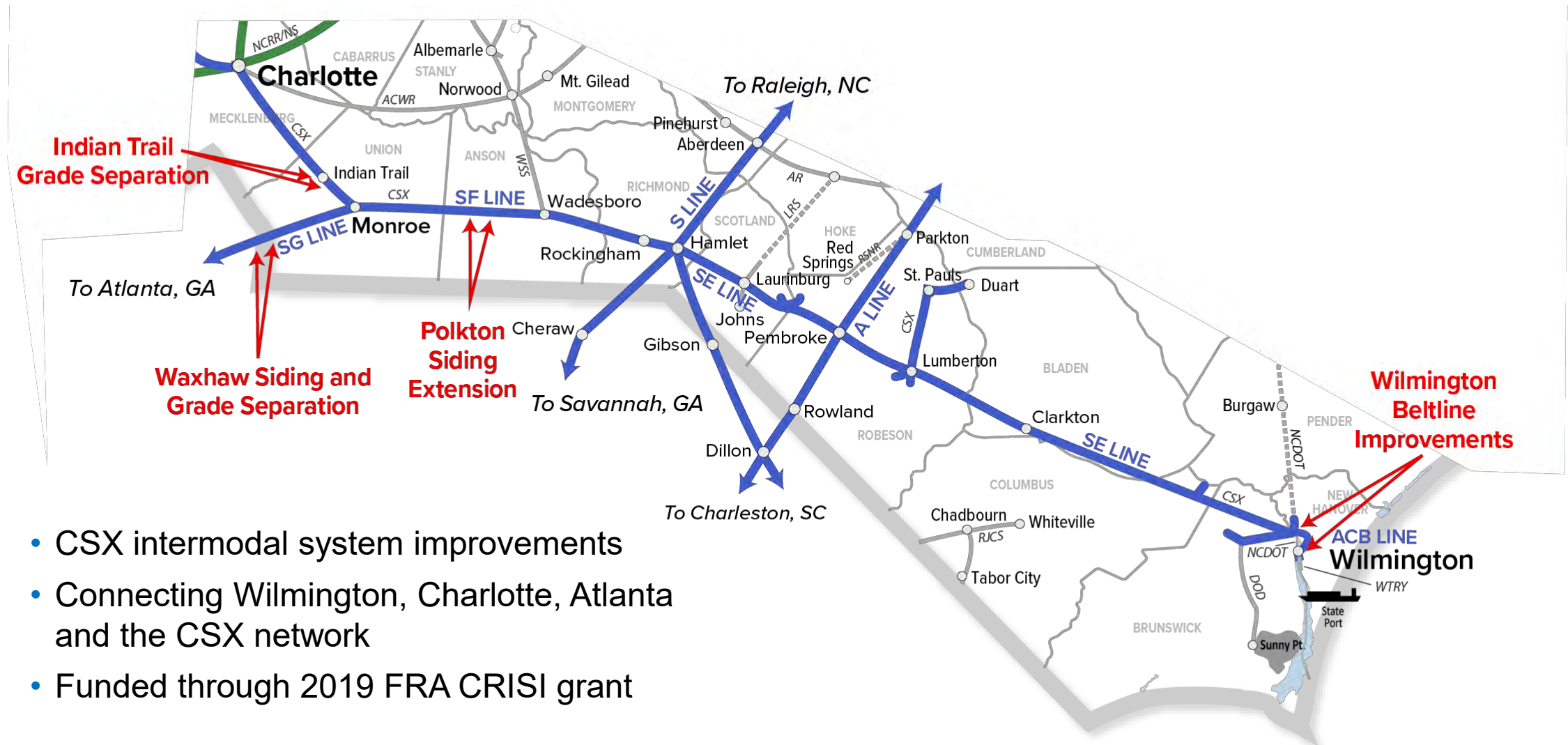
Photo: Adam Schultz



1765



Piedmont Atlantic Intermodal Rail System (PAIRS) Improvements



- CSX intermodal system improvements
- Connecting Wilmington, Charlotte, Atlanta and the CSX network
- Funded through 2019 FRA CRISI grant

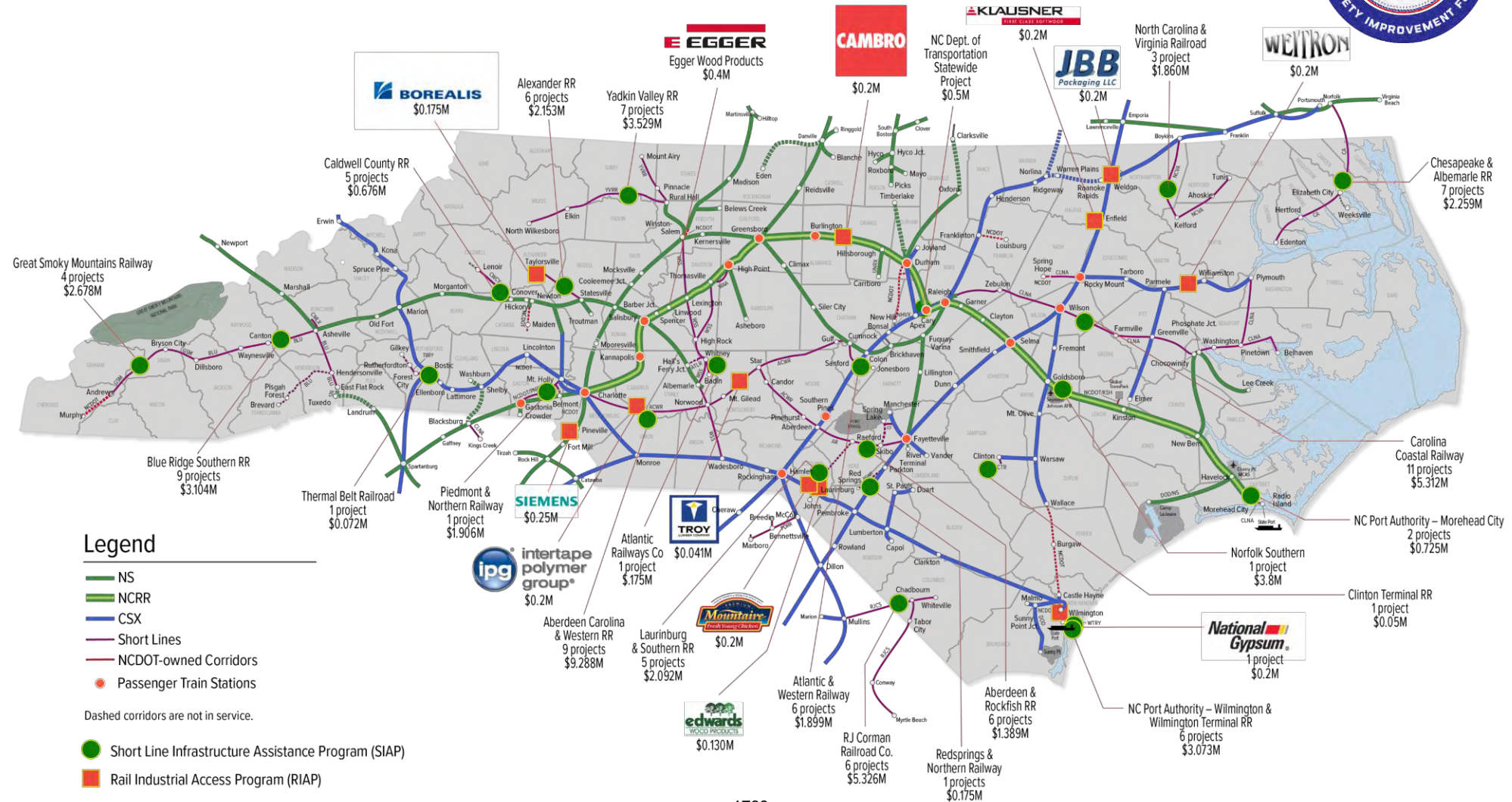


Freight Rail & Rail Crossing Safety Fund

- Private Capital Investment – **\$594.2M**
- Supported **26** new industry expansion projects
- Created over **1,231** jobs
- Supported the growth of more than **50,000** rail carloads since 2014
- Upgraded **118.5** miles of short line railroad
- Modernized **111** bridges
- Improved **1,010** railroad crossings
- Removed **13** railroad crossings
- Invested **\$5.8M** in NC Ports



FRRCSI Investment in Freight Rail – 2014-2021



Freight Rail & Rail Crossing Safety Improvement Fund



- FRRCSI supports rail infrastructure health, safety and performance
- \$16.7M in FY 2020 matching grant funds awarded to 17 short line railroads
 - Provides more than \$32M in improvements statewide
 - Ensures state's rail network can handle increased traffic and heavier railcars
- FY 2021 Project solicitation with partners underway



Caldwell
County
Railroad



Rail Division STI Project Delivery

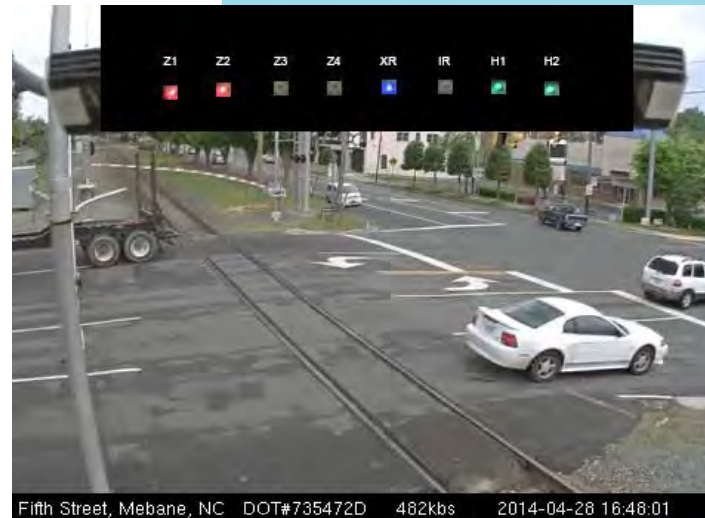
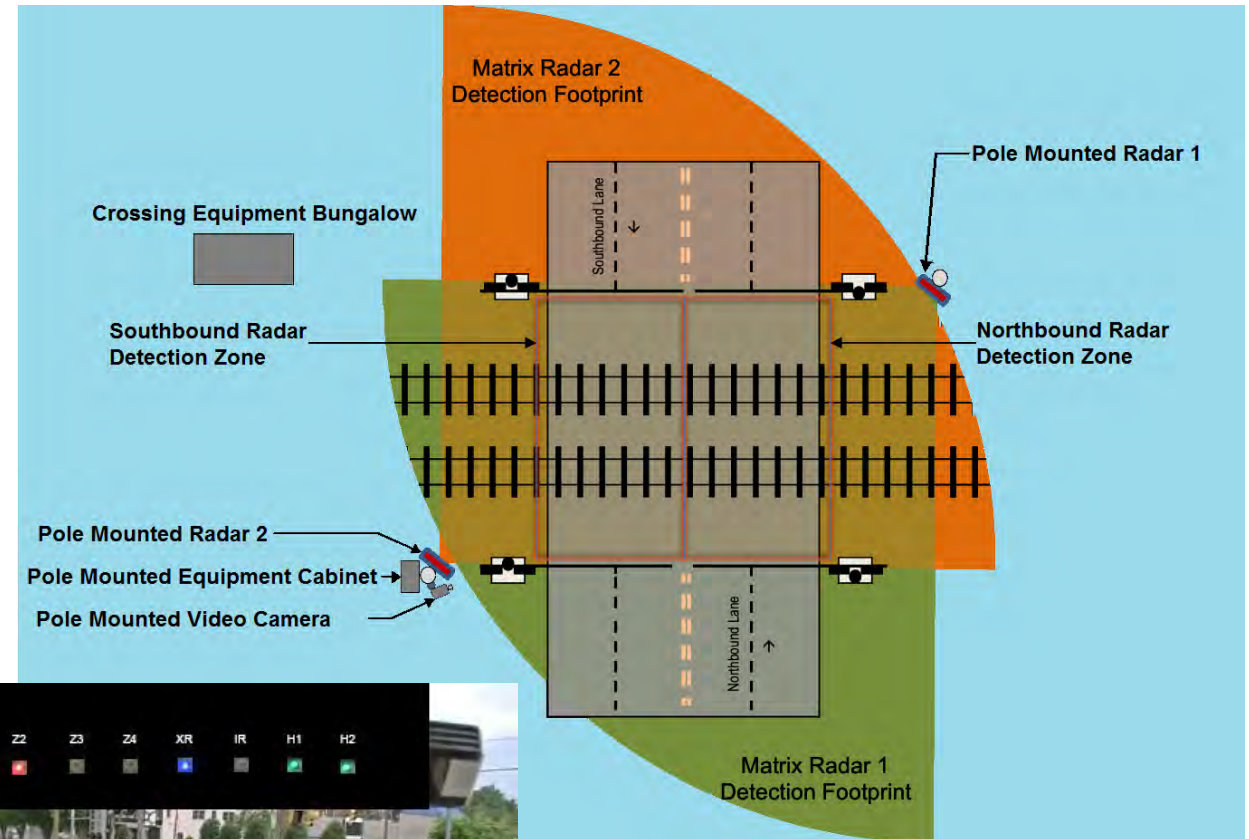
- Funded projects include:
 - Grade separations: **27 projects**
 - Terminals: **3 projects**
 - Track Improvements: **15 projects**
 - Station-related: **3 projects**
- Projects led by the Rail Division and closely coordinated with the Highway Divisions



Safety Innovations

Radar-based Vehicle Detection System

- Four-quadrant gates descend simultaneously
- Radar detects vehicles in crossing as gates descend
- Exit gates raise and lower to allow vehicle a clear path off the crossing
- Installed in Durham, Mebane, Burlington, Elon and Salisbury





Safety Innovations

Railroad Network Trespass Statewide Severity Assessment and Predictive Modeling

- Used thermal motion detection cameras
- 15,570 trespassers -- 721 days and 11 sites
- Info will used in education, supporting enforcement and providing engineering solutions to address the issue of trespassing on rail corridors



BeRailSafe continues follow-up investigations & analysis of all NC rail incidents and offers virtual and COVID-compliant rail safety training for public safety departments

Ongoing Safety initiatives

- Continuing to address safety at the state's **3,493** public crossings
- **311** crossings closed since 1993

Ongoing Projects

- **20** Public grade crossings
 - **8** Grade Separations underway
 - **2** Traffic Separation Studies underway
 - **49** Grade crossing warning device projects
- Continuing to inventory **1,200** crossings/yearly per FRA requirements



State Rail Plan Update

Defines future needs and priorities for investment in the statewide rail network

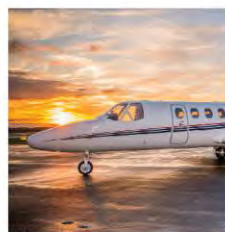
- FRA requirement
- Identifies **\$10B** in rail network needs over next **10** years
- Includes long-term projects (beyond 10 years)
- Aligns State projects with Federal funding opportunities





NORTH CAROLINA

Department of Transportation



Jason Orthner, P.E.
Rail Division Director
jorthner@ncdot.gov



NORTH CAROLINA Department of Transportation

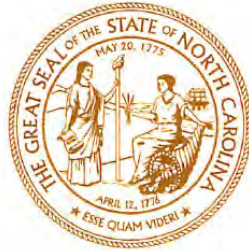


NCDOT Resilience

Colin Mellor, Environmental Policy Unit

NCDOT Board of Transportation – Highway Committee, March 3rd, 2021

Executive Order 80



State of North Carolina

ROY COOPER
GOVERNOR

October 29, 2018

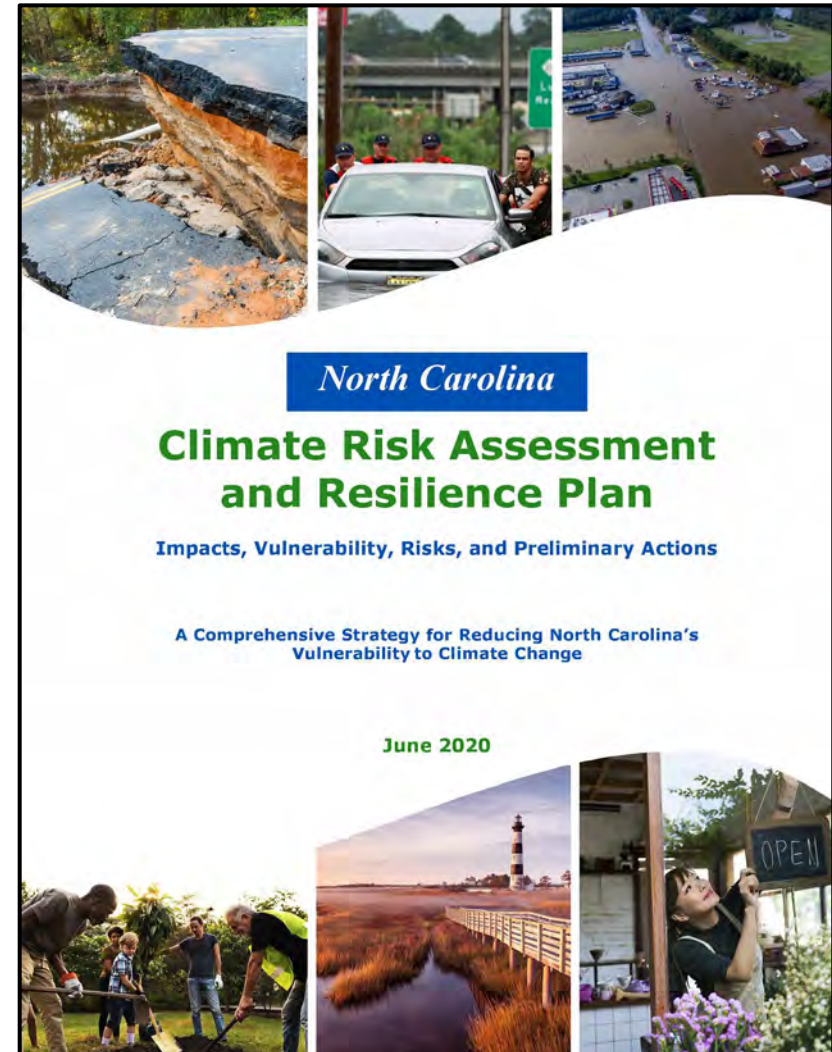
EXECUTIVE ORDER NO. 80

NORTH CAROLINA'S COMMITMENT TO ADDRESS CLIMATE CHANGE AND TRANSITION TO A CLEAN ENERGY ECONOMY

WHEREAS, North Carolina residents deserve to be better educated, healthier, and more financially secure so that they may live purposeful and abundant lives; and

WHEREAS, N.C. Const. art. XIV, § 5 requires the conservation, protection, and preservation of state lands and waters in public trust; and

WHEREAS, North Carolina is well positioned to take advantage of its technology and



Resilience - definition

A resilient North Carolina is a state where our communities, economies, and ecosystems are better able to rebound, positively adapt to, and thrive amid changing conditions and challenges, including disasters and climate change; to maintain and improve quality of life, healthy growth, and durable systems; and to conserve resources for present and future generations.

NC Climate Risk and Resilience Plan, Executive Summary

resilience - *the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions*

Federal Highway Administration

Resilience - Policy

WHAT

A broad, department wide, mission-specific policy based on two primary principals

- latest verified scientific data
- fiscal responsibility



WHY

- The cost of doing nothing is more expensive than the cost of implementing resilient solutions
- NCDOT has already directly or indirectly benefitted from federal funding specifically for resilience projects. Future money is likely to reward “*shovel worthy*” projects
- It’s the Department’s mission to ensure a safe and resilient system

Resilience – Policy next steps

- Continue the work that's already being done
- Draft a policy framework
- Work to identify what is vulnerable
- Benefit-cost analyses of resilience projects
- Continue internal and external collaborative opportunities





NORTH CAROLINA Department of Transportation



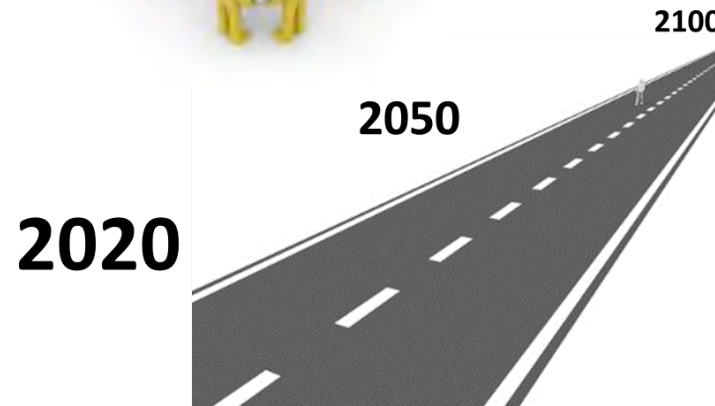
Improving Flood Risk Management and Resilience

Matt Lauffer, Hydraulics Unit

NCDOT Board of Transportation - Highway Committee
Wednesday, March 3, 2021

Agenda

1. Flood Risk Management and Resilience
2. Improving Risk Management and Resilience
 - Planning
 - Design
 - Storm Operations
 - Research
 - Partnership
3. Next Steps



1782



Flood Risk Management and Resilience

Risk: Is an event that is a deviation from the expected outcome. Risk is measured by likelihood and consequence if the event did occur.

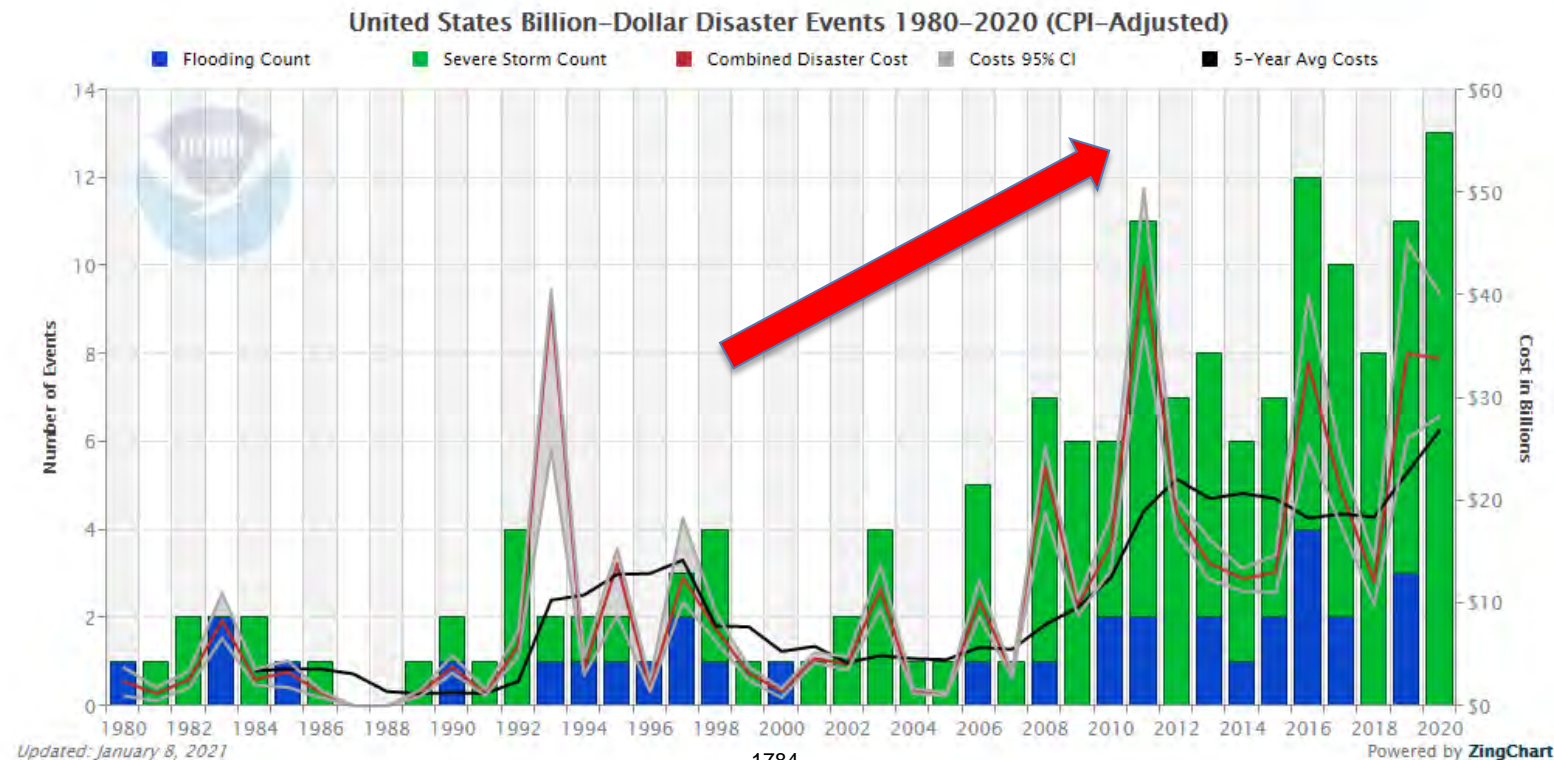
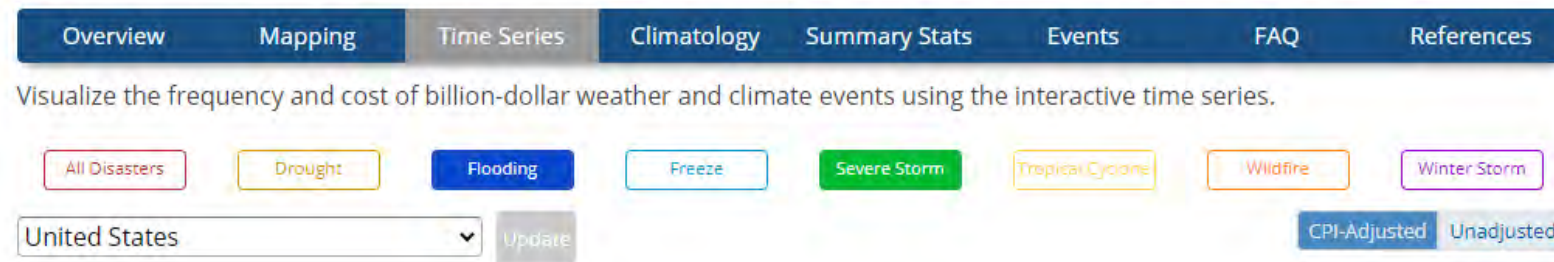
Vulnerability : function of (exposure, sensitivity, and adaptive capacity).
Extent to which an asset is susceptible to sustaining damage from a flood hazard.

Resilience: Is the ability to anticipate, plan for and adapt to **changing conditions** and withstand, respond to, and recover rapidly from **disruptions**.



Need for Investment Strategy

Billion-Dollar Weather and Climate Disasters: Time Series



Need for Investment Strategy



North Carolina Climate Risk Assessment and Resilience Plan

June 2020

A. Climate Change Projections in North Carolina¹

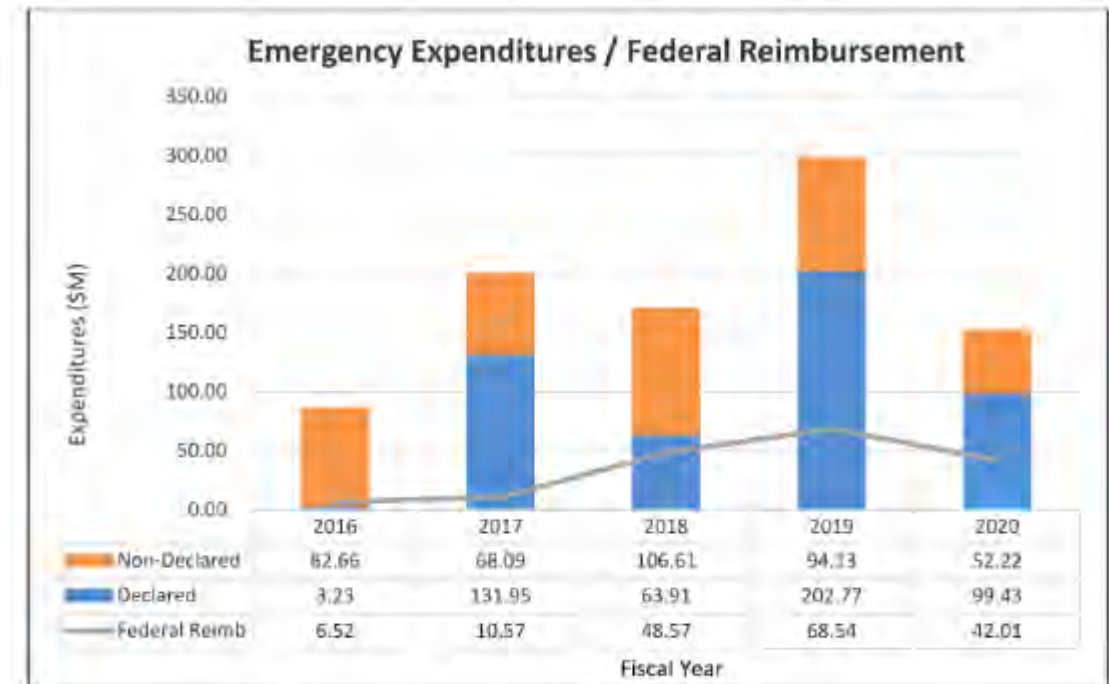
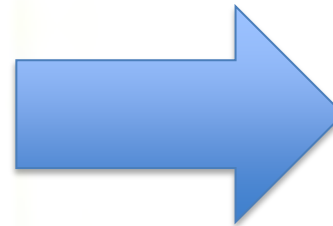


Figure 1: Emergency Expenditures and Federal Reimbursement

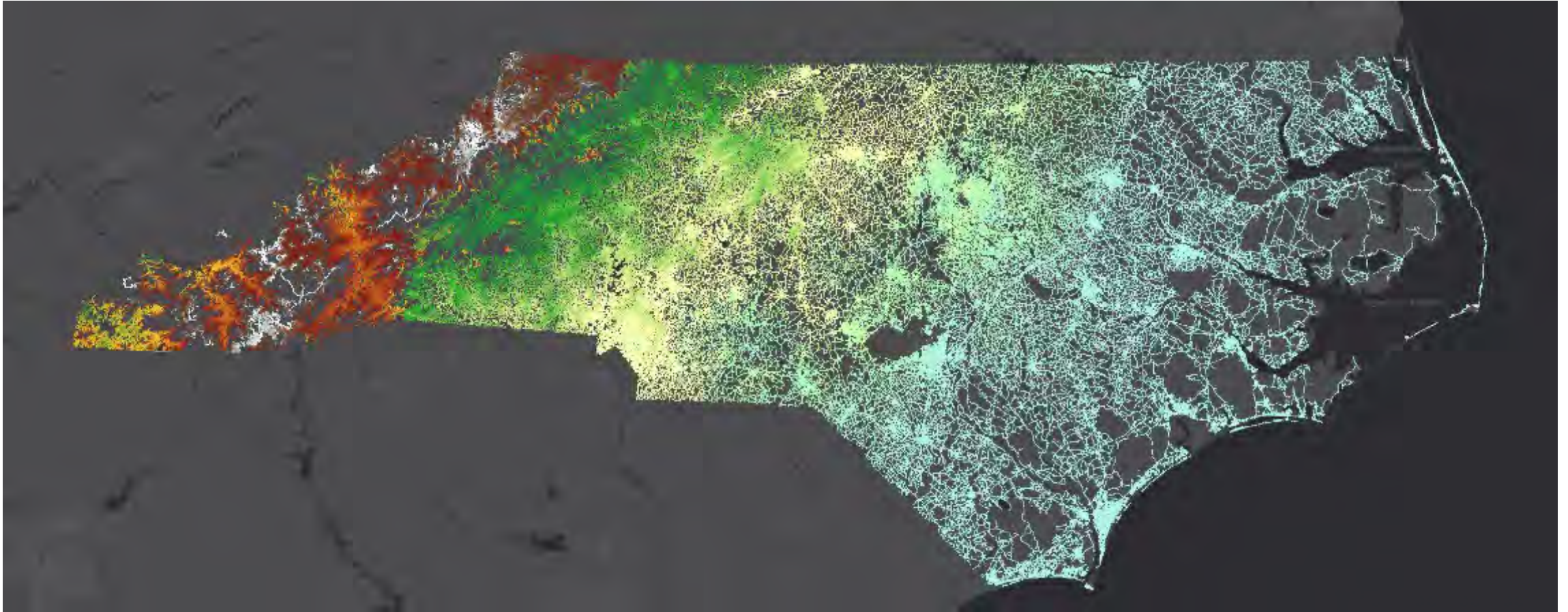
2020 - Maintenance Operations and Performance Analysis Report (MOPAR)

2020 North Carolina Storms				
Storm Event	# of Damage Sites	# Damage Bridges	# Damage Pipes and Culverts	# of Pipe Replacement Requests
2020 February 6 th Rain Event	286	22	92	27
2020 April 13 th Rain Event	80	5	18	2
2020 May 19 th Rain Event	71	3	23	6
Bertha	92	0	9	5
2020 June 17 th Rain Event	61	2	12	9
Isaias	128	4	4	2
2020 August 14 th Rain Event	30	1	24	3
2020 August 31 st Rain Event	79	6	37	16
2020 September 17 th Rain Event	6	1	2	2
Zeta	78	4	29	14
2020 November 11 th Rain Event	809	42	174	98
Totals	1720	90	424	184

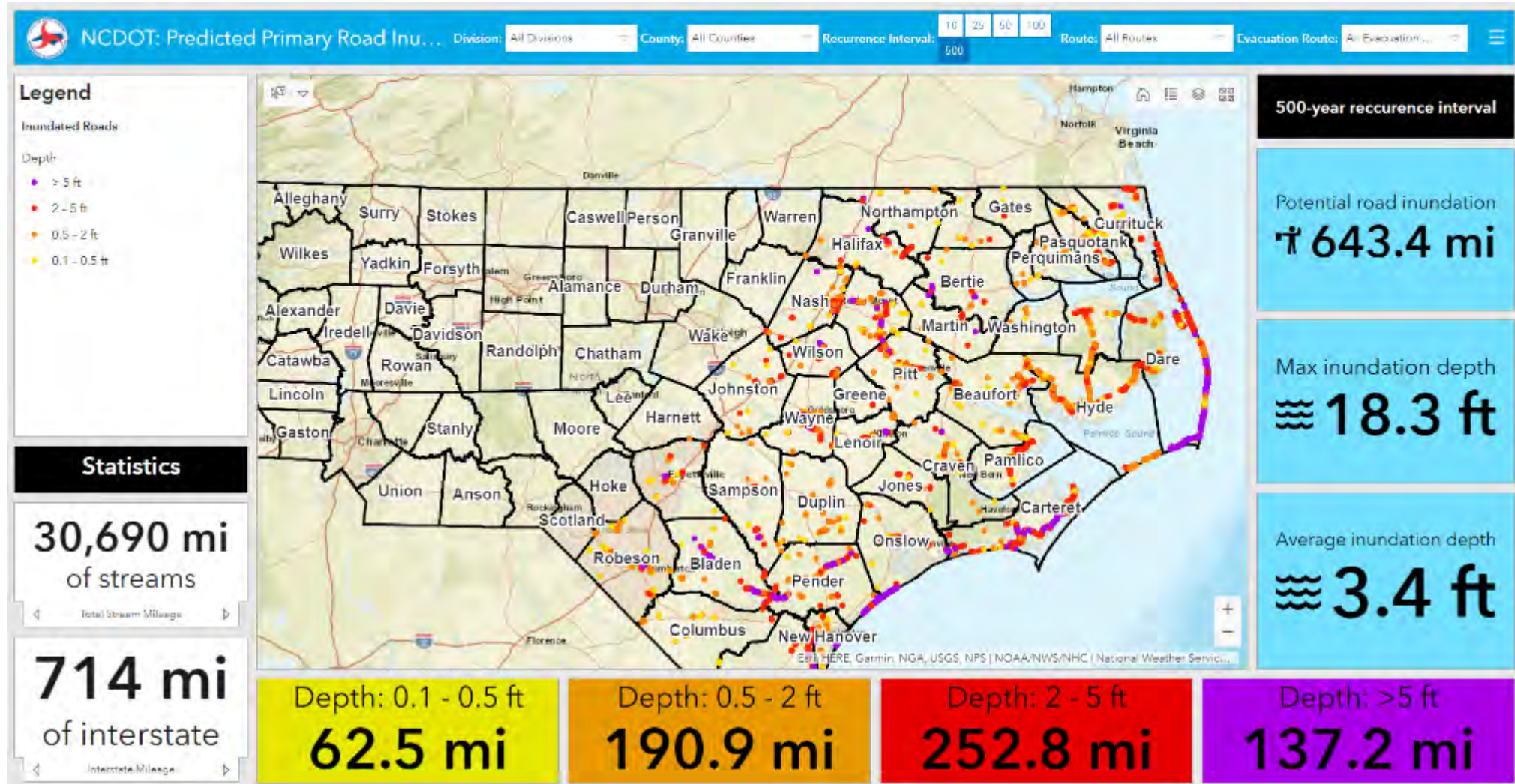
*30% of damage sites are related to drainage structures

*45% of damage pipes are replaced

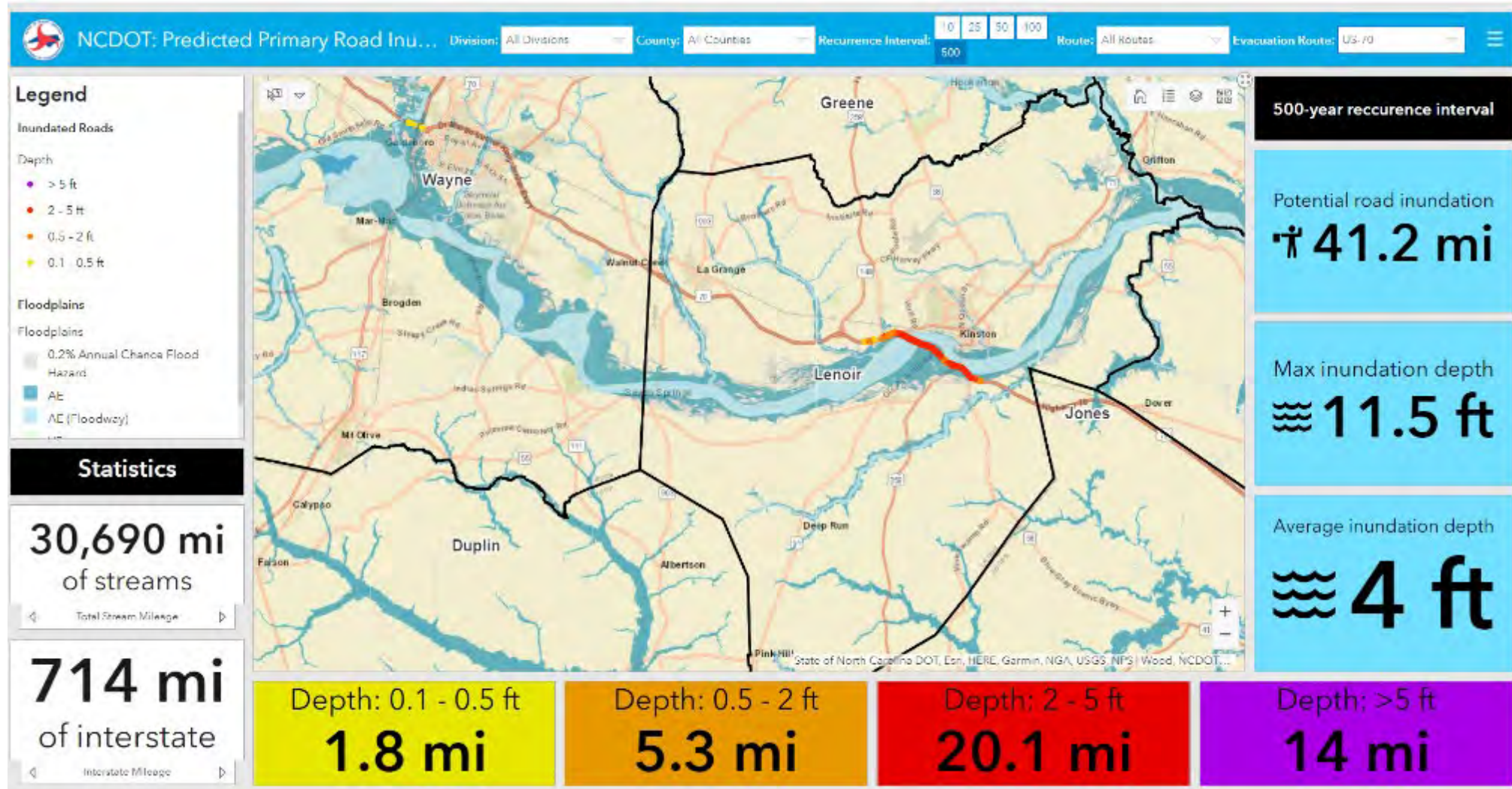
Improving Risk Management and Resilience - Investment



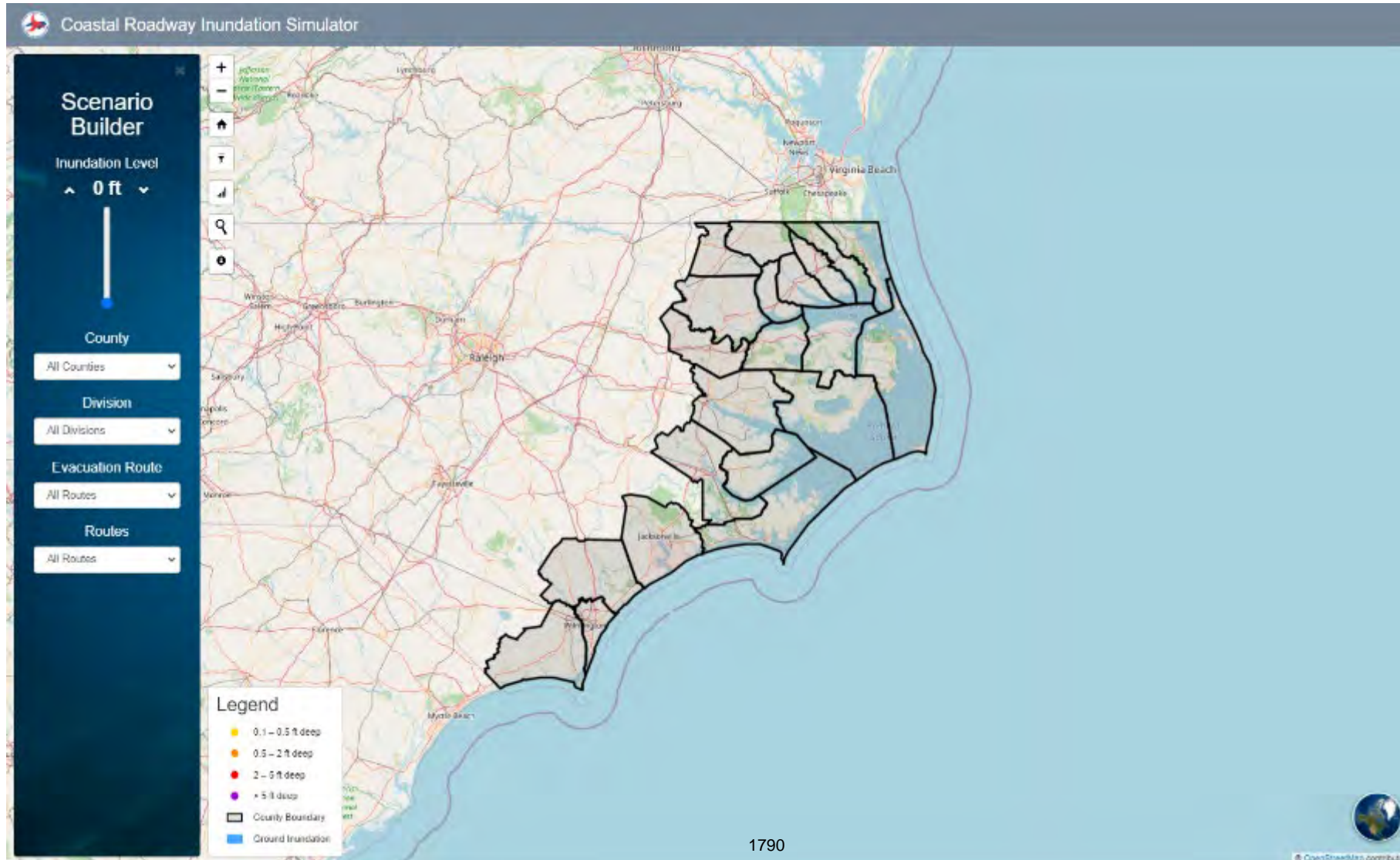
Improving Risk Management and Resilience - Planning



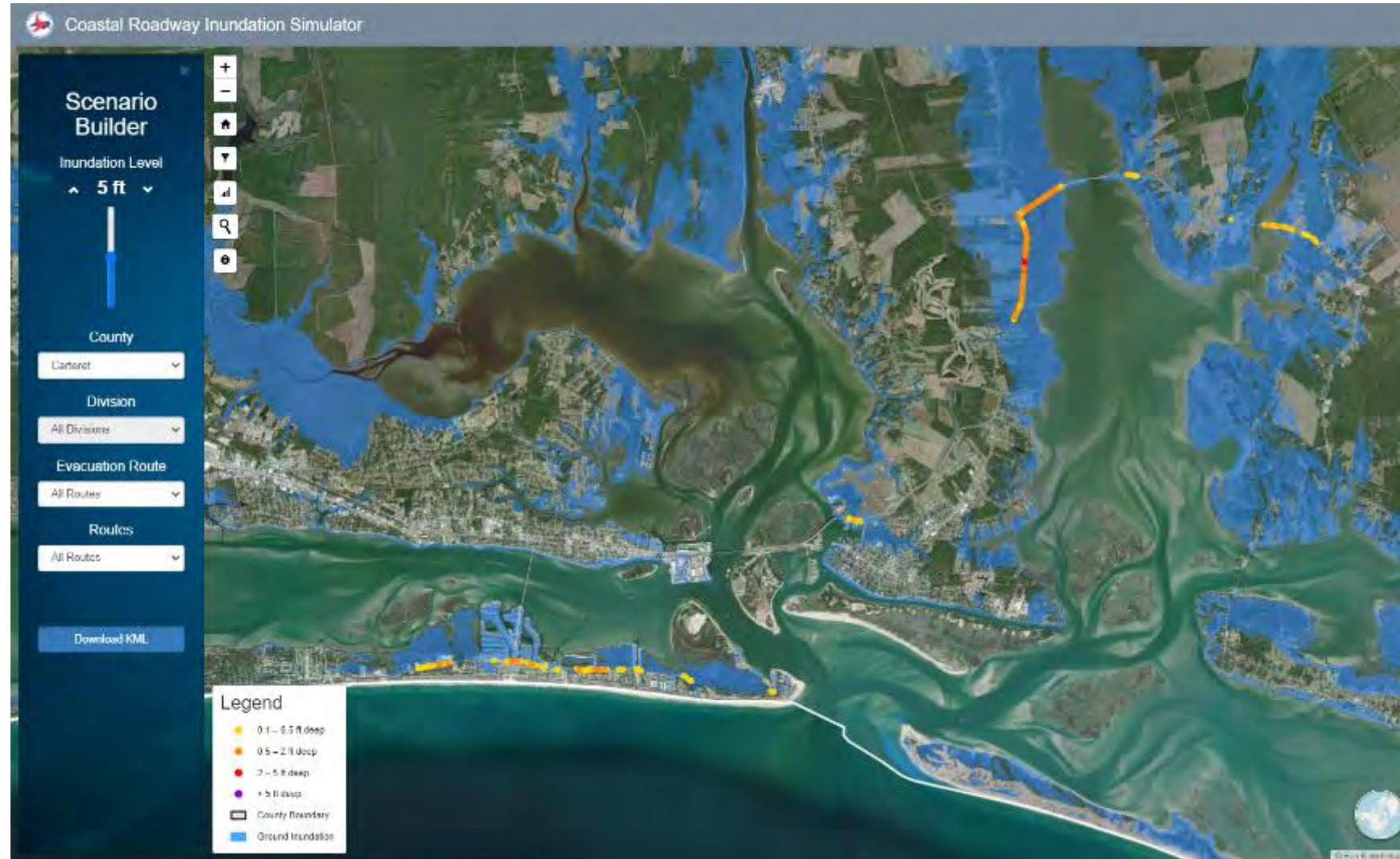
Improving Risk Management and Resilience - Planning



Improving Risk Management and Resilience - Planning



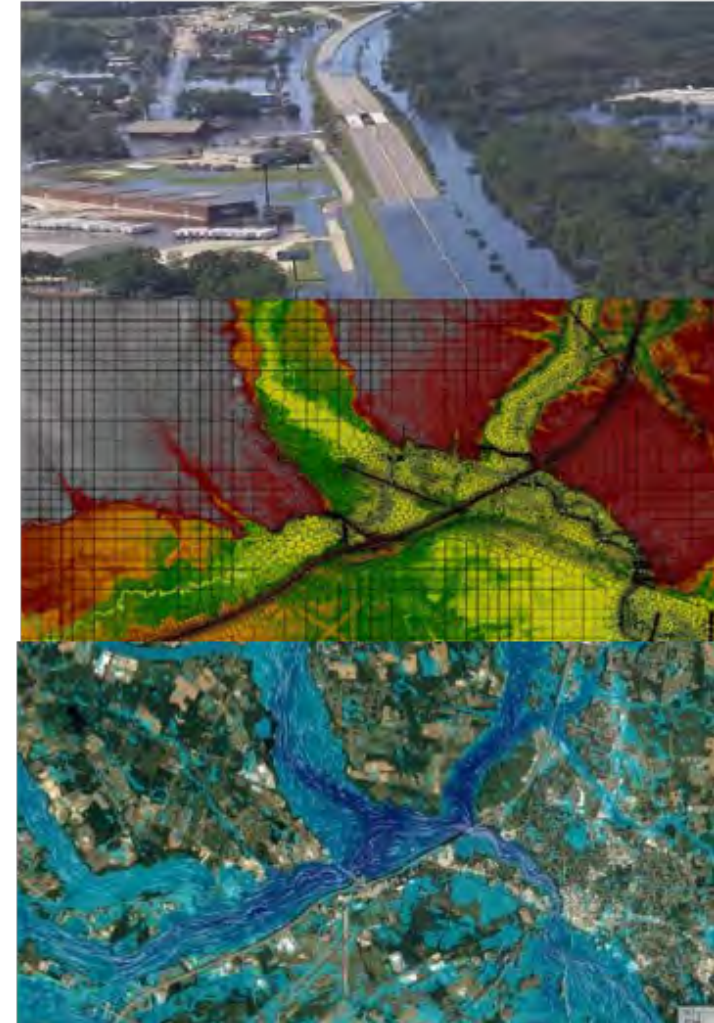
Improving Risk Management and Resilience - Planning



Improving Risk Management and Resilience - Design

I-6064 Resilient Design

- Largest 2D rain on grid model NCDOT has completed.
- Design Criteria for Resilience
 - 100-Year Design Storm
 - Evaluate Performance for Florence and Matthew
- Provide Information on road profile, bridge lengths, culvert sizing to meet FEMA floodplain requirements and performance criteria for Design Build Project.



**INTEGRATED
PROJECT
DELIVERY (IPD)**

Improving Risk Management and Resilience - Design



Improving Risk Management and Resilience - Design

Matthew - \$215,686

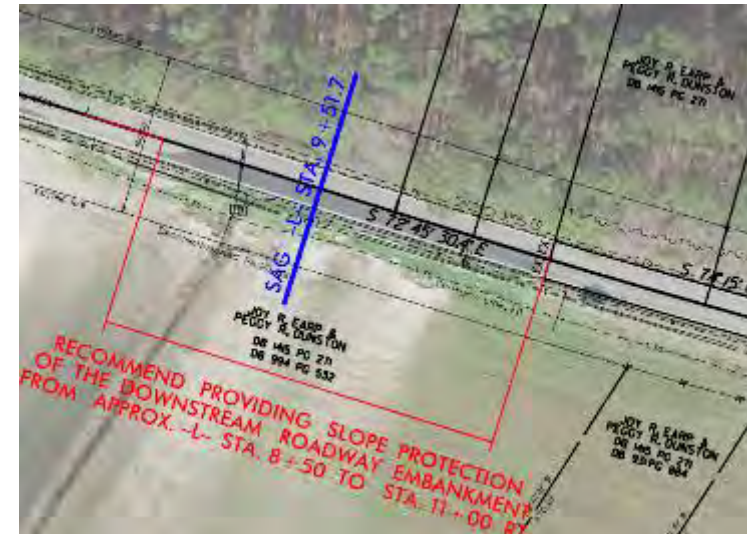
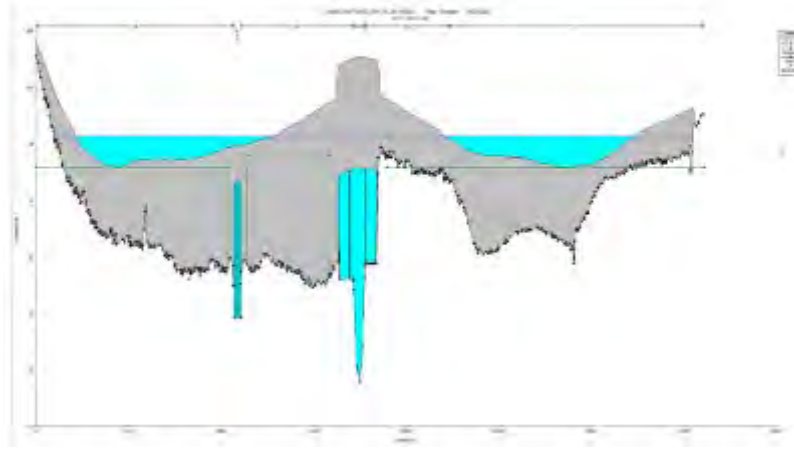
Florence - \$87,630

Total: \$303,316

Estimated Resilience Cost - \$75,000

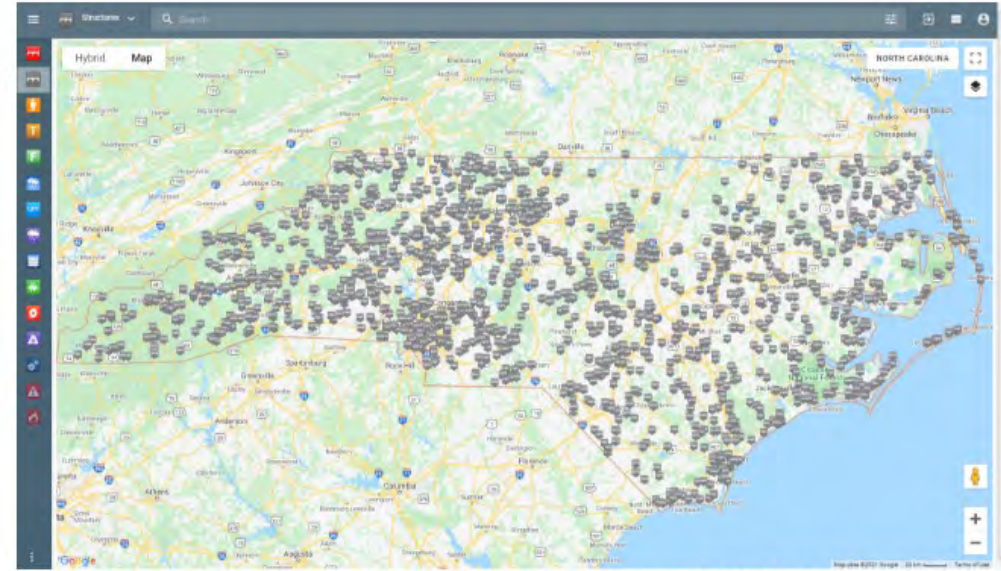
Benefit/Cost = 4

Figure 2 - WSEL where Destroying
RTWY 3 feet



Improving Risk Management and Resilience – Storm Operations

- BridgeWatch – Continuous Flooding, Scour and Structure Awareness.
- Integrate with DamWatch
- Derivatives

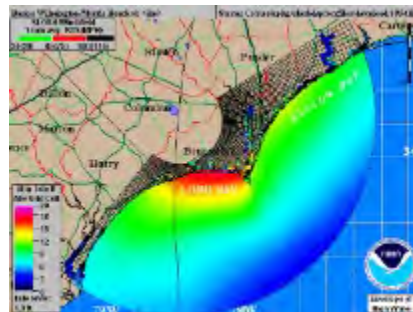


The initial implementation of BridgeWatch includes over 1,500 high-risk bridges.

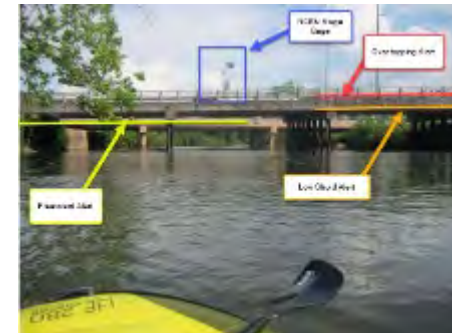
NEXRAD



SLOSH/ CERA



USGS/ EM Gages



Critical Elevation Thresholds Established / Monitored for 300+ Bridges

The screenshot displays the ncdot.gov bridge monitoring interface. The top section shows a map of a bridge over a river, with a yellow box labeled "Linked Gage" pointing to a gage structure on the left bank. The map includes a search bar and a "Structure 730010" dropdown. The right sidebar shows the "NORTH CAROLINA" map and a list of structures, including "730010" and "02084160".

Below the map, the "DATA SOURCES" tab is selected, showing a table of USGS gages. The table has columns for Site Number, Name, Year Peak, Year Peak Height (ft), Current Height (ft), Last Time Measured, and Monitoring Status. A red box highlights the "Thresholds" column, which lists three thresholds: Freeboard (11 ft), Low Chord (12 ft), and Overtopping (12.3 ft). The "Measurement" column shows the current height (8.65 ft) and the "Measurement Time" column shows the last time measured (02/08/2021 2:45:00 PM EST).

Site Number	Name	Year Peak	Year Peak Height (ft)	Current Height (ft)	Last Time Measured	Monitoring Status
02084160 (3)	CHICOD CR AT SR1760 NEAR SIMPS...	Freeboard	11	8.65	02/08/2021 2:45:00 PM EST	Active
	CHICOD CR AT SR1760 NEAR SIMPS...	Low Chord	12	8.65	02/08/2021 2:45:00 PM EST	Active
	CHICOD CR AT SR1760 NEAR SIMPS...	Overtopping	12.3	8.65	02/08/2021 2:45:00 PM EST	Active

Iredell County #480141 (Cattleman's Road)

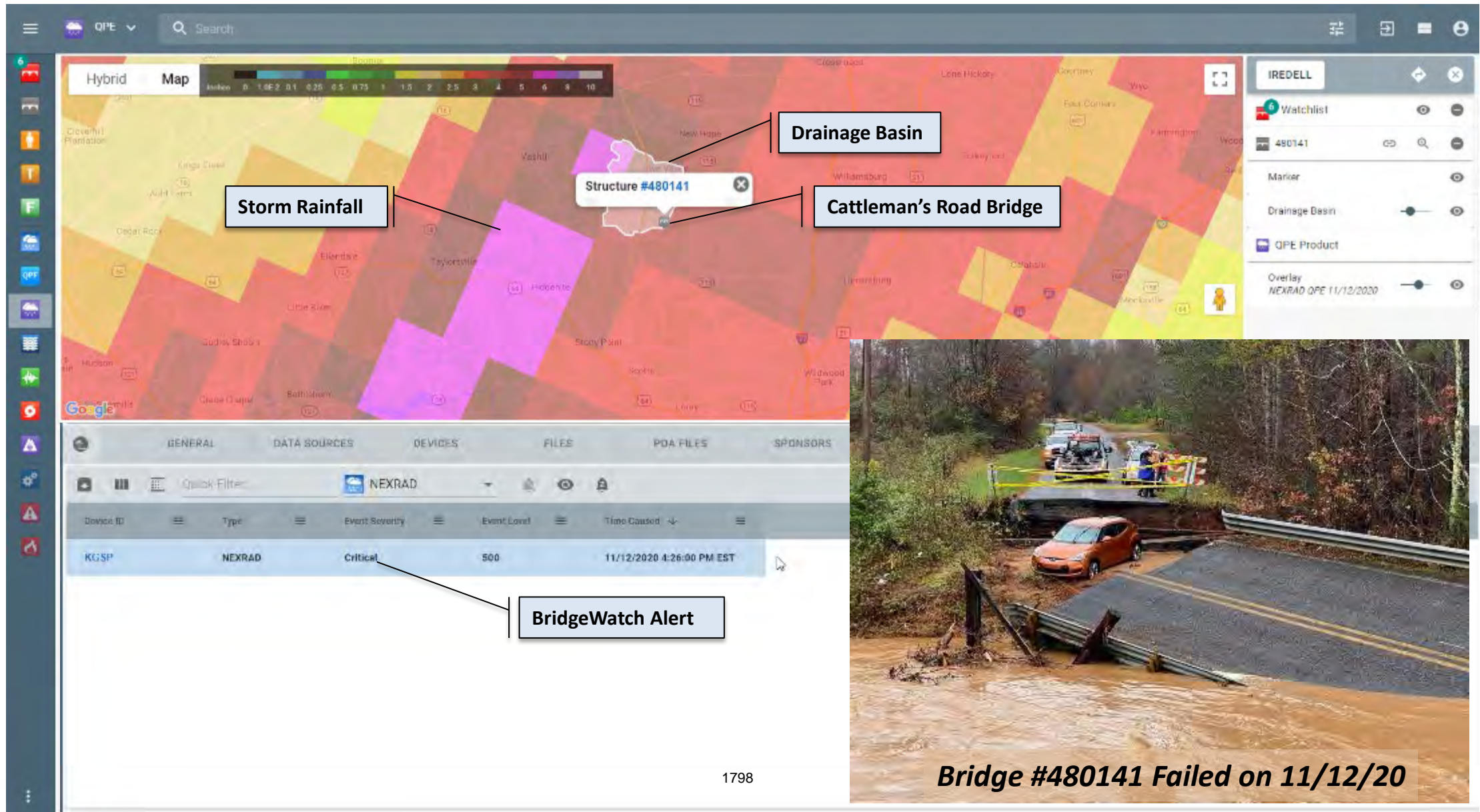
11/12/20 Event

The screenshot displays the ncdot.gov web application interface. At the top, there is a search bar and a dropdown menu for 'Structure' with the value '480141'. The main map area shows a hybrid view of Iredell County, North Carolina, with a marker for 'Structure #480141' located near Cattleman's Road. The map includes various geographical features, roads, and place names. On the right side, there is a sidebar with a 'Watchlist' section showing the structure #480141, and a 'Marker' section with a slider for 'Drainage Basin' and a 'QPE Product' section. Below the map, there is a navigation bar with tabs for 'GENERAL', 'DATA SOURCES', 'DEVICES', 'FILES', 'POA FILES', 'SPONSORS', 'ALERTS', 'TICKETS', 'FORMS', 'NEARBY STRUCTURES', and 'EQUIP'. The 'GENERAL' tab is selected, and it displays a table with the following data:

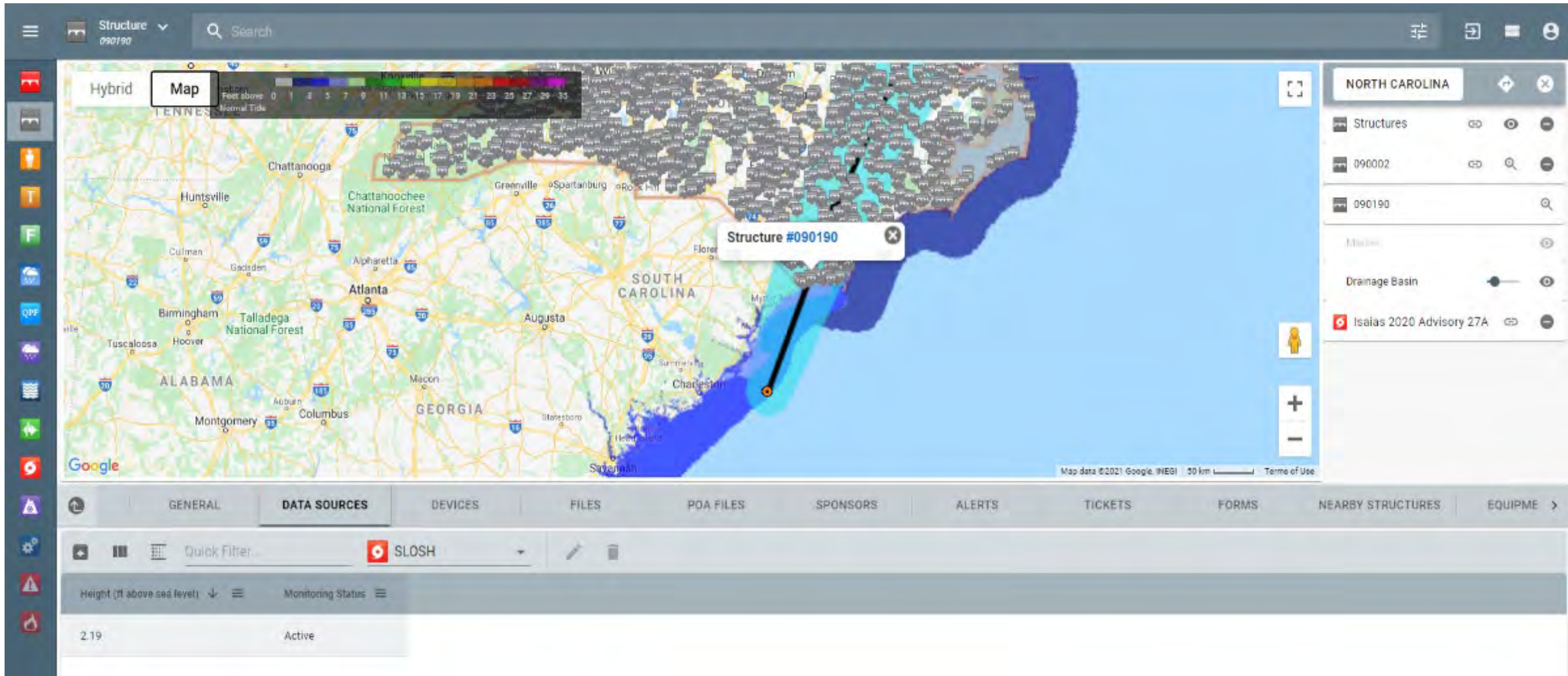
Structure	Status	Latitude	Longitude	Division	County	Stream Name	Road
480141	Inactive	35.9467	-80.9882	12	Iredell	SNOW CREEK	SR1585
BRIDGE	YADKIN	Scour Code					

Iredell County #480141 (Cattleman's Road)

11/12/20 Event

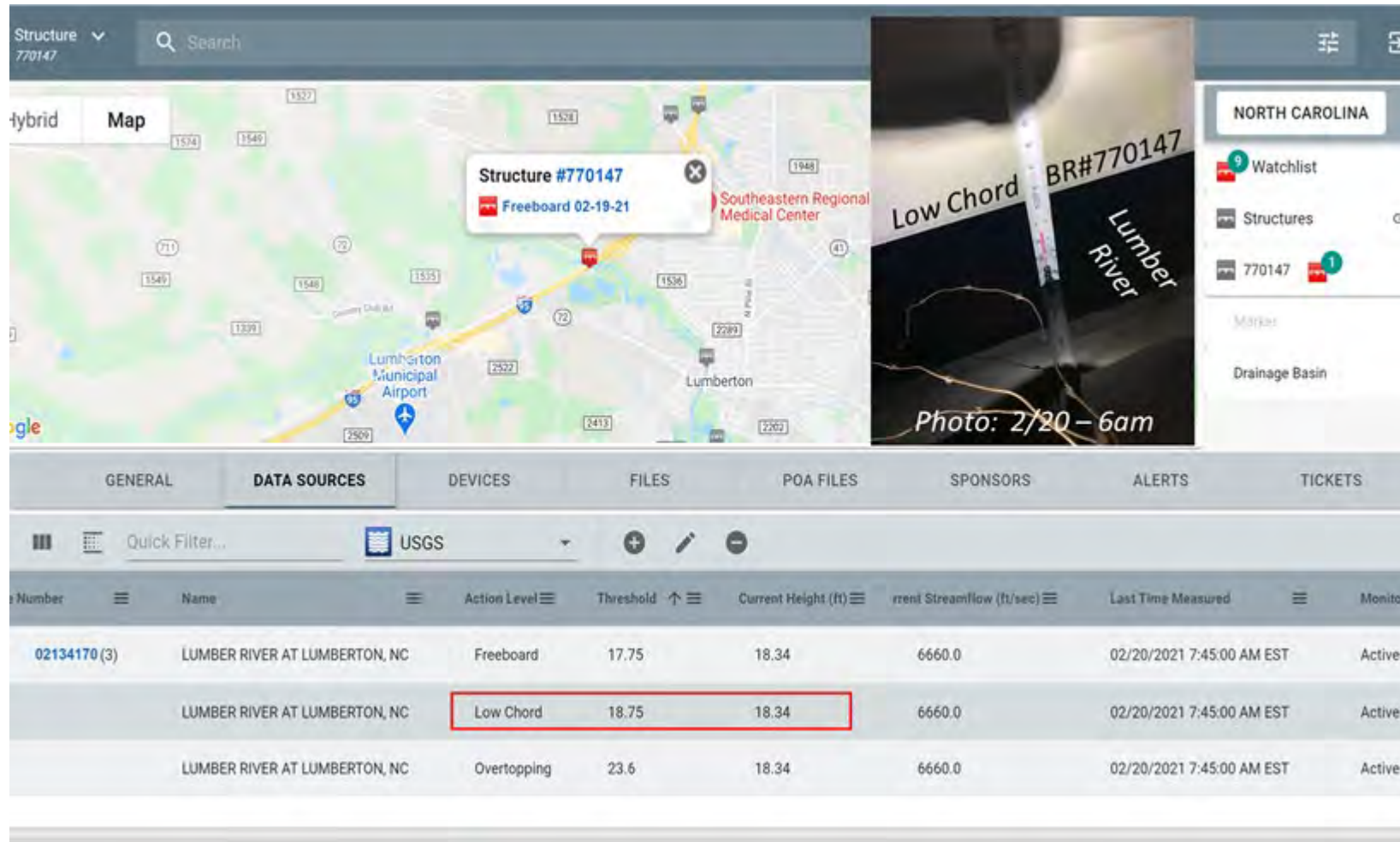


Alert Thresholds Established for 193 Bridges Susceptible to Storm Surge



Improving Risk Management and Resilience – Storm Operations

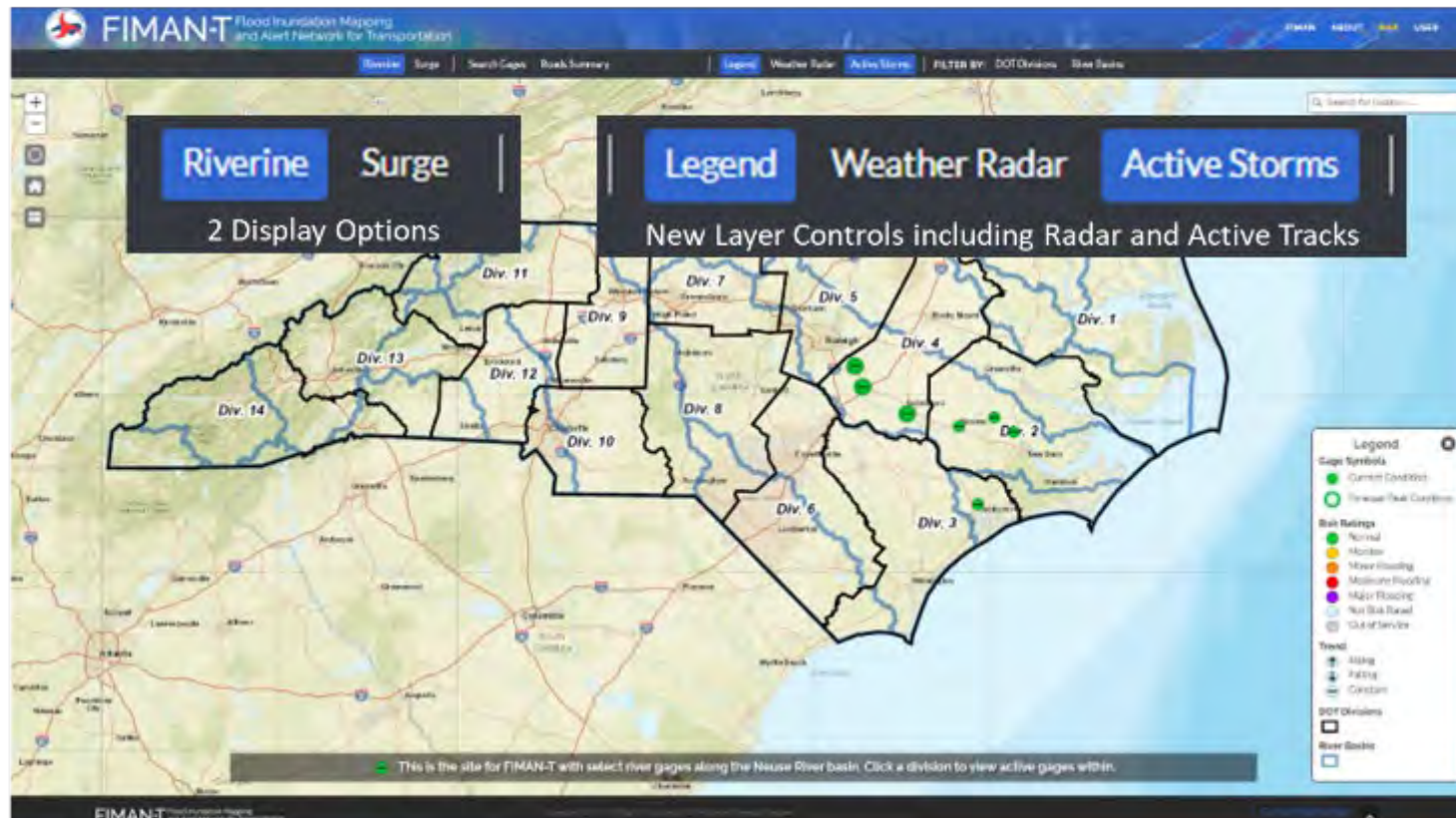
Monitoring I-95 on Saturday, February 20th, 2021



Improving Risk Management and Resilience – Storm Operations



Storm Preparedness – FIMAN-T



A New Tool for NCDOT's Response to Flood Impacts to Transportation Assets

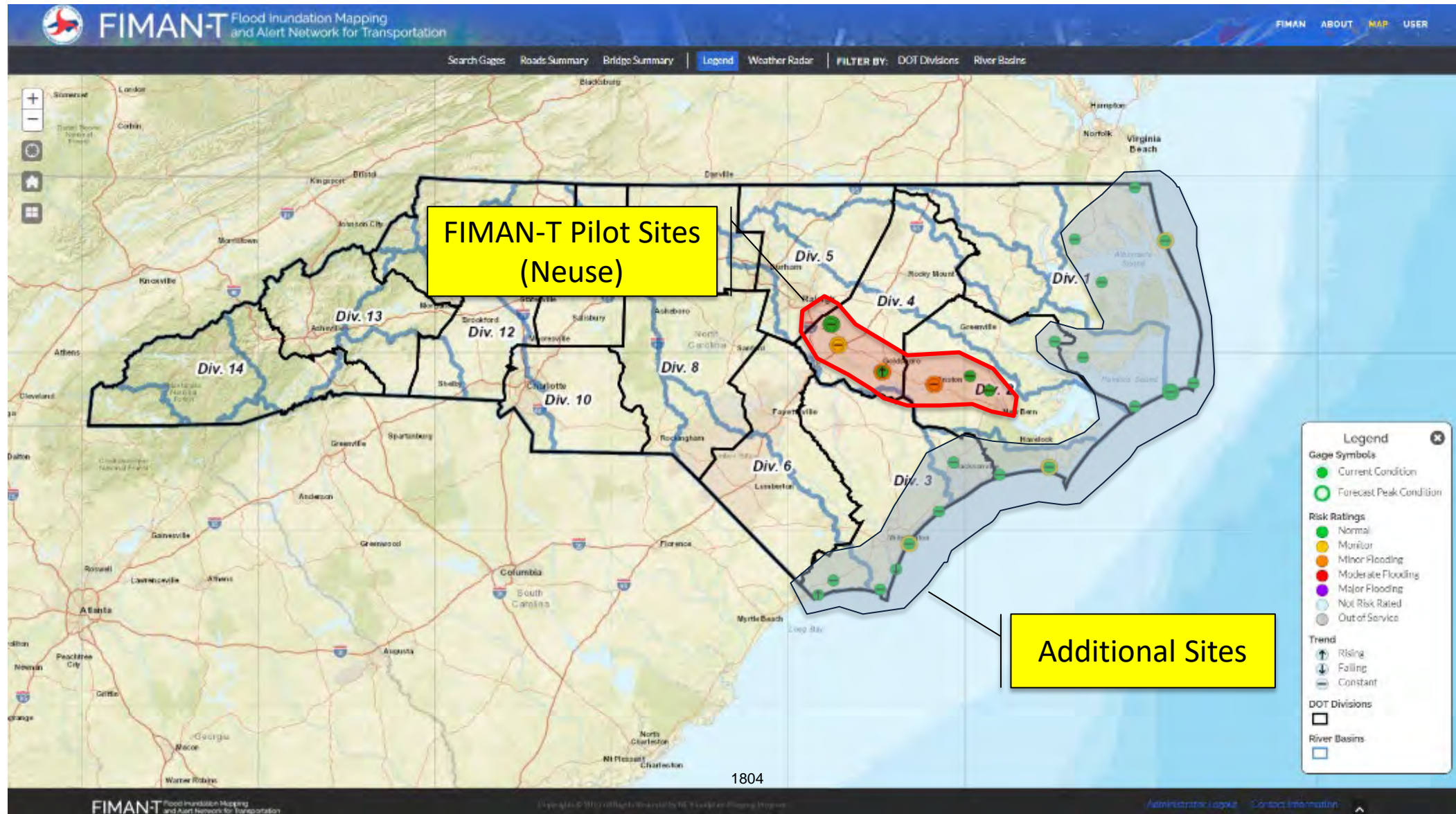
FIMAN-T: 2020 Progress

- NCEM Coordination and Production Deployment
- NCID User Authentication
- Database Updates (Database Design)
- Documentation (Quick Guide and Admin Guide)
- Summary Report Generation
- Implementation Plan
 - Initial Pilot: 6 Sites
 - Today: 28 Sites

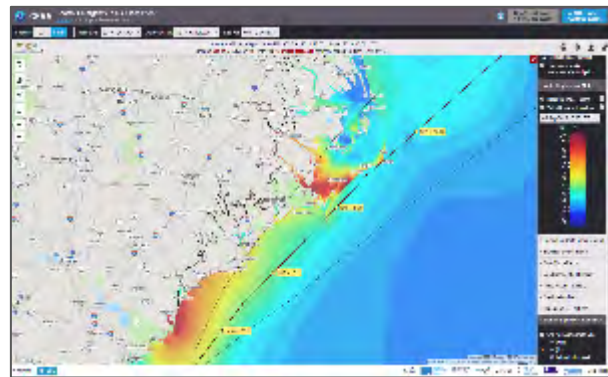
FIMAN-T: 2020 Progress

- Extensive Ground Truth Validation
- Coastal Surge Inundation Mapping (forecasted)
- Past Surge Events (Hindcasts)
- Upgraded Google Earth Exports
- Training Conducted
- Project Management / Tracking Site

Site Additions: Over 20 New Sites Added in Q1 2021



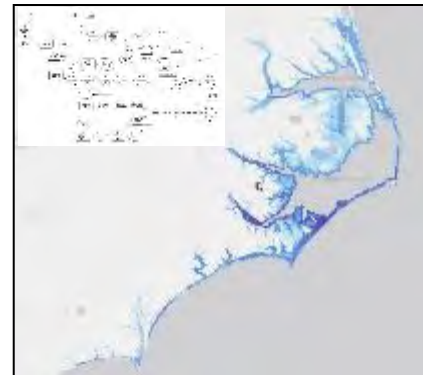
FIMAN-T Surge Concept



SURGE Modeling from CERA

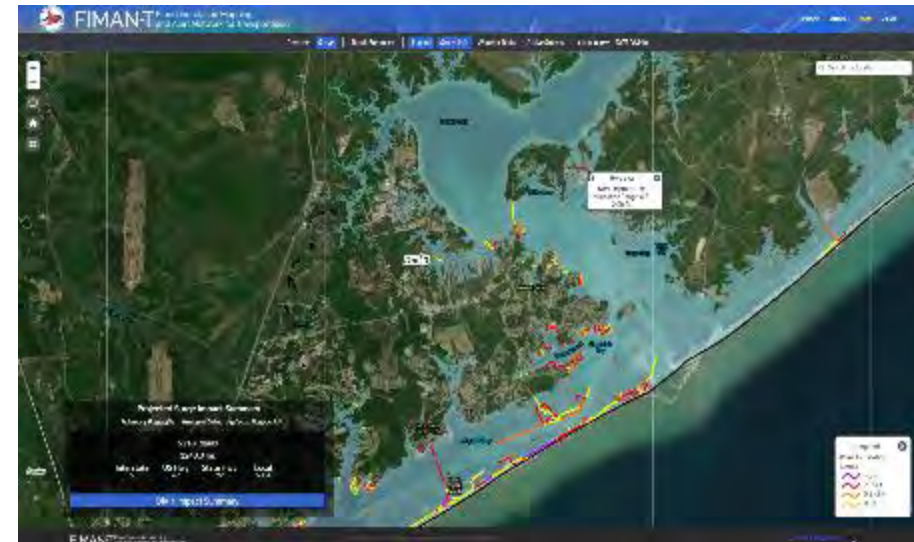


Statewide 3D Road
Raster QL2



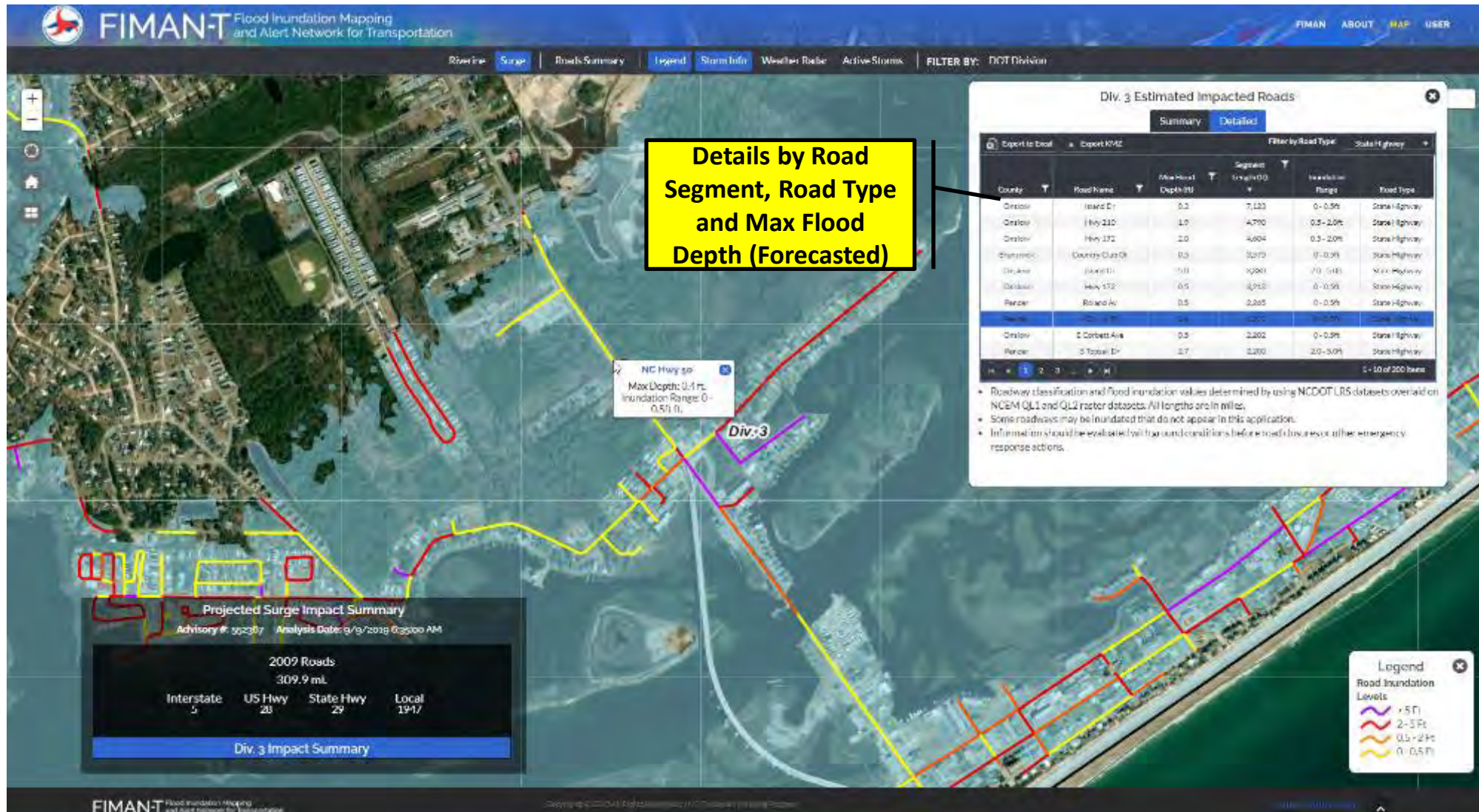
Event-wide Surge Depth
Raster

**Automatically Runs
Every 6 Hours (During Events)**

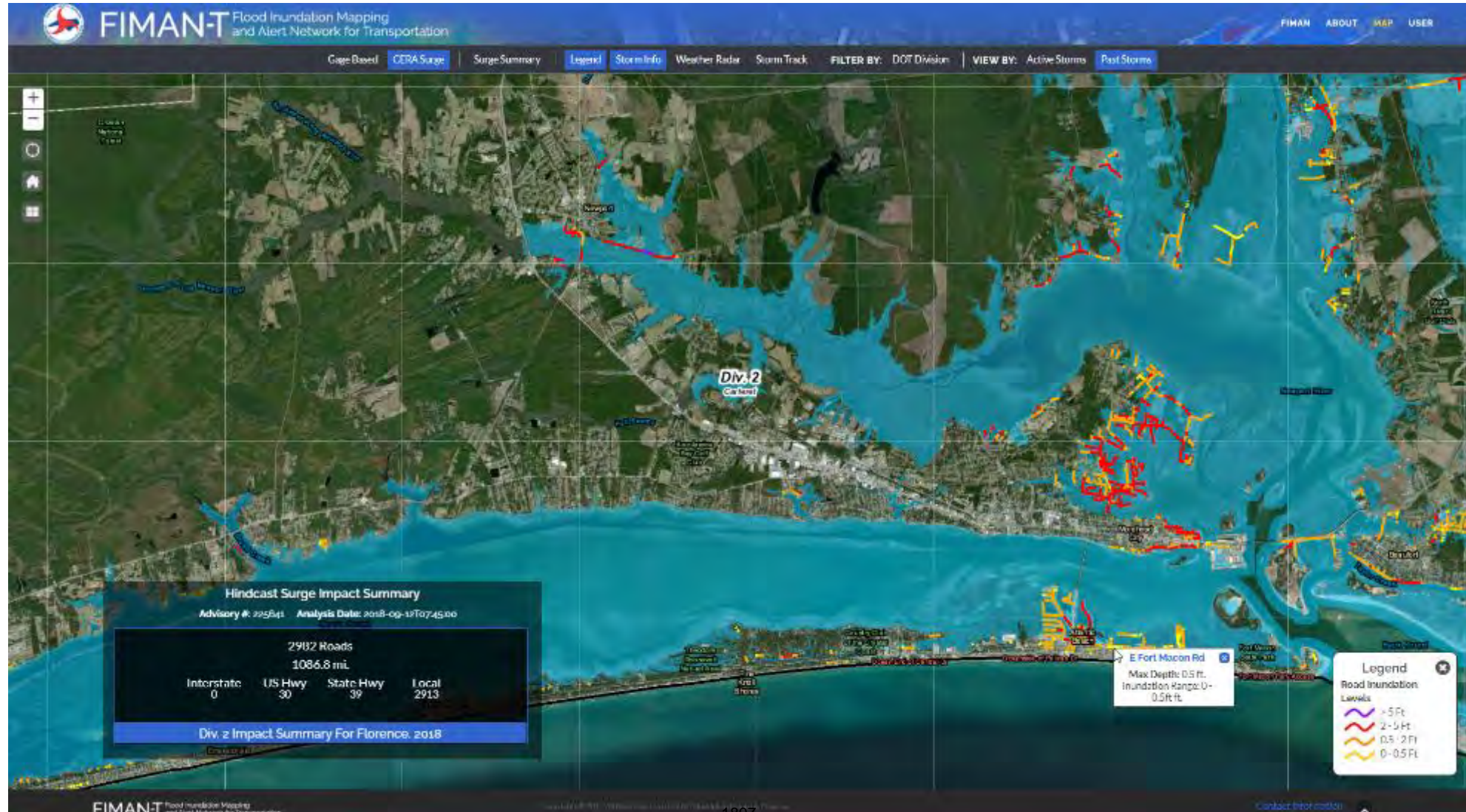


**FIMAN-T – Surge Forecast Module Showing
Maximum CERA Inundation Boundaries
and Roadway Impacts – Statewide.**

Storm Preparedness – FIMAN-T : Surge



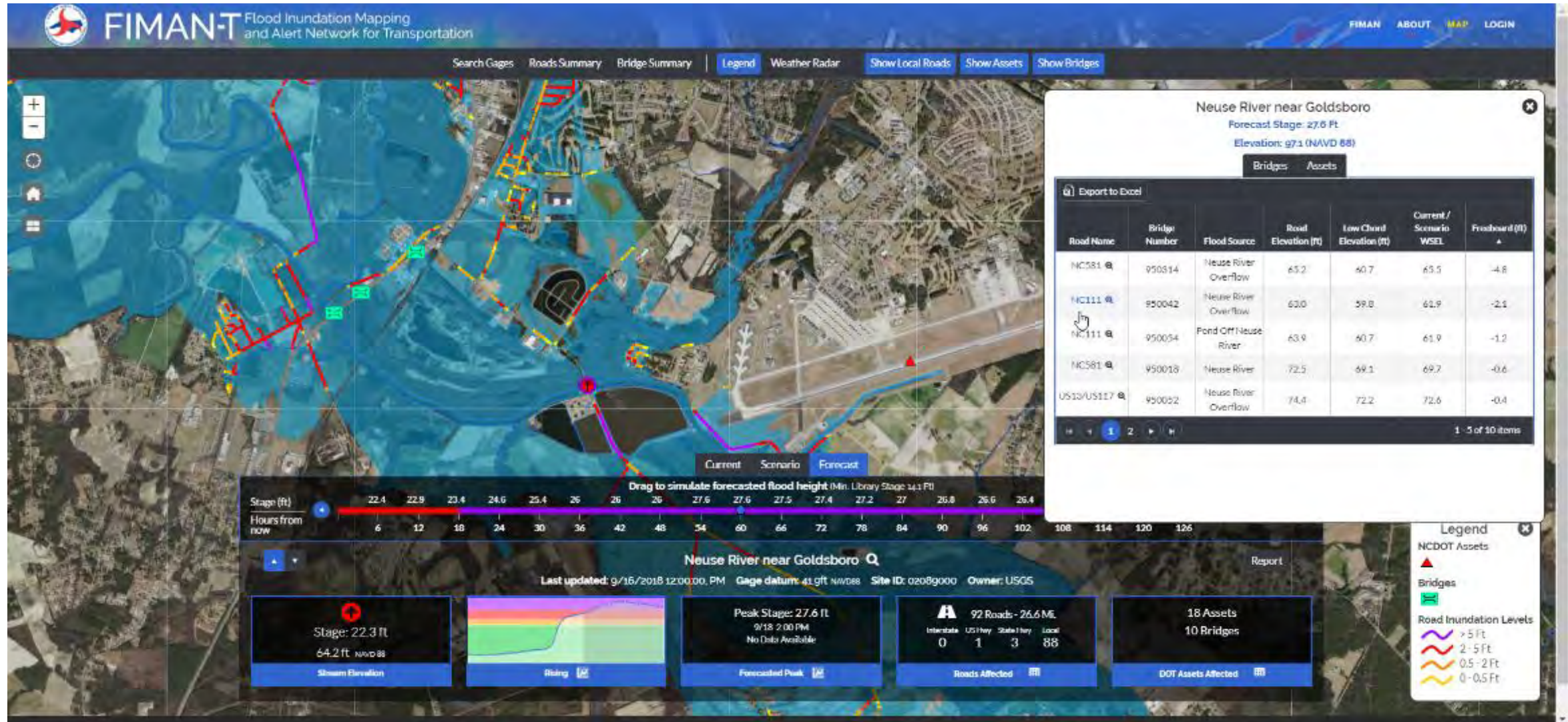
Hindcast Surge Impacts for Matthew, Florence and Dorian



Seamless Hwy 12 Awareness: Ocracoke to Buxton



Storm Preparedness – FIMAN-T : Riverine



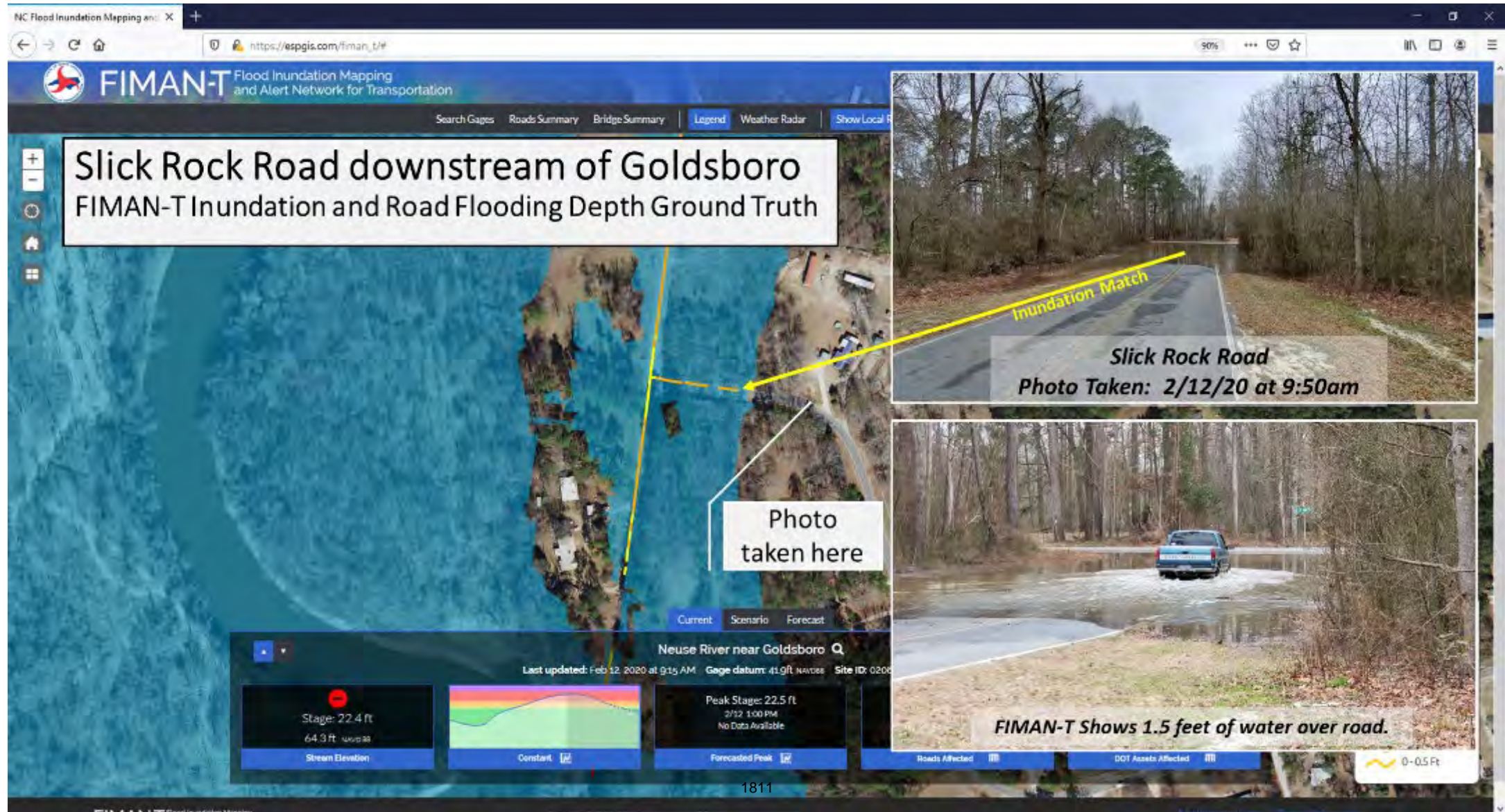
Ground Truthing:

NC 581 over Neuse River FIMAN-T Bridge Freeboard Ground Truth

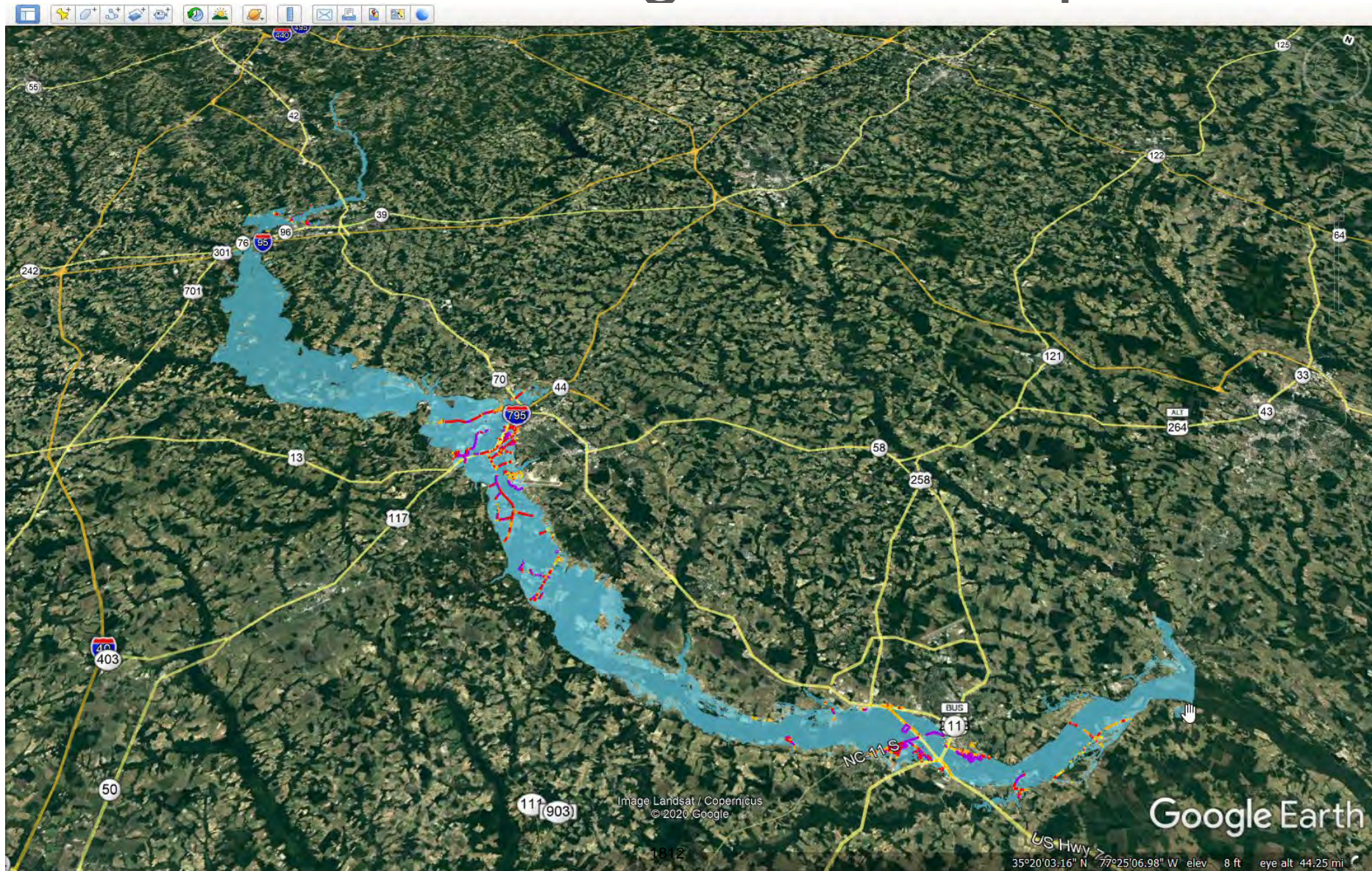
4.25 miles from FIMAN Gage



Ground Truthing:

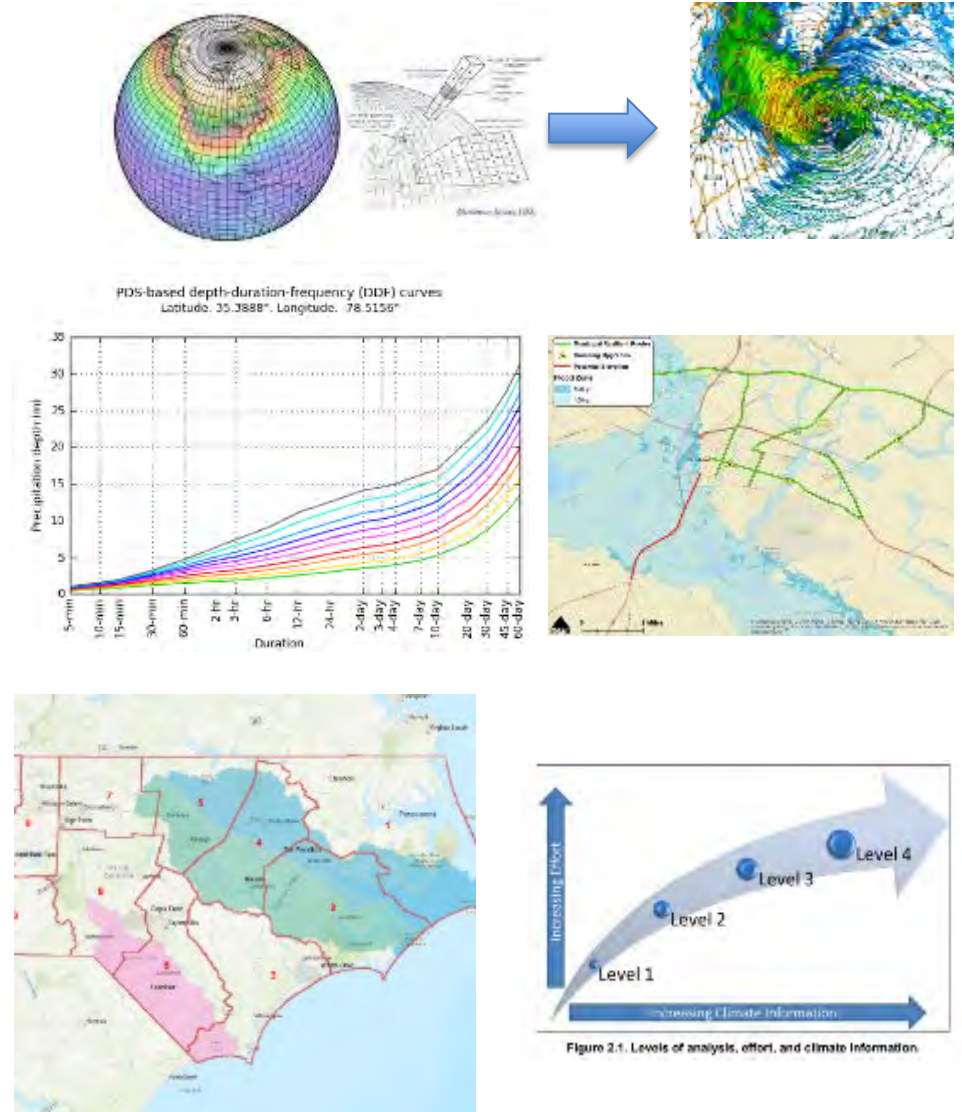


Enhanced Google Earth Exports



Research and Studies

- NC Future Precipitation for Resilient Design
- IDF Rainfall Update – Atlas-14, Volume 13
- NCSU Flood Abatement Studies – Resilient Routes
- USACE – DRA 19 Flood Risk Reduction Feasibility Study
- NCHRP 51-10 – Practices for Integrated Flood Prediction and Response Systems
- NCHRP – Climate Change for Hydrologic and Coastal Design (NCHRP 15-61/20-44(23))



Isaias Emergency Response

[Search history](#)

- [Identify Home](#)
- [Requests](#)
- [MCOOT Unit](#)
- [Documents](#)
- [Links](#)
- [HSA Tools](#)
- [Signed In user](#)
- [Profile Edit](#)
- [Help](#)

[Home](#)
[Page details](#)

National Hurricane Center

[Report Latest NHC M \(Meeting 03/20/21 00 AM\)](#)

Sales Order No:

[NWS Issues](#)

Topic email feedback

Storm Response

[Social Media / Press Releases](#)

NCEM Public Release - 2019 - Florida / Texas release

[TMS \(NCEC\) Only](#)

Risk Location

[Power Outages \(NCEC\)](#)

Closures systems many still open

[EMAN \(NCEM\)](#)

Real time risk status updates & flood risk information

[EMAN-T \(NCEM-BETA\) - News Only](#)

Select how you're doing Storm Open Status

[NC EAS - SURF - IGA \(BIA\)](#)

Major hurricanes in future require attention over long range

Post-Storm Operations

[Overview](#)

Standardize up Hazard Mitigation Studies & Reports

[Damage Assessment Dashboard](#)

Consider if it's the type of damage distribution

[Damage Assessment Viewer](#)

Interactive map view images

[Road Closures Dashboard](#)

Efficient access to road closure information

[Road Closure List](#)

Viewing USMC to coordinate emergency response by county

Division Road Dept. contact resources

[Rainfall Event Index](#)

Need additional reports?

[NOAA Current Imagery \(US/C\)](#)

Users listed, regularly updated

© 2021 Esri | All rights reserved. | Terms of Use

NWS Website

NOAA - RWC

CDERA Open Gauge Info

DRAIN Flood Info

NC SOS Alerts

DPS-DW-TWA Field Alerts

NWS-Media_Newsroom/Landmark City

Wilmington, United States

68° Cloudy
80°F (27°C) 14% Precip.

Mohamud City, United States

65° Cloudy
79°F (26°C) 14% Precip.

Nags Head, United States

67° Partly Cloudy
79°F (26°C) 14% Precip.

Building Partnerships

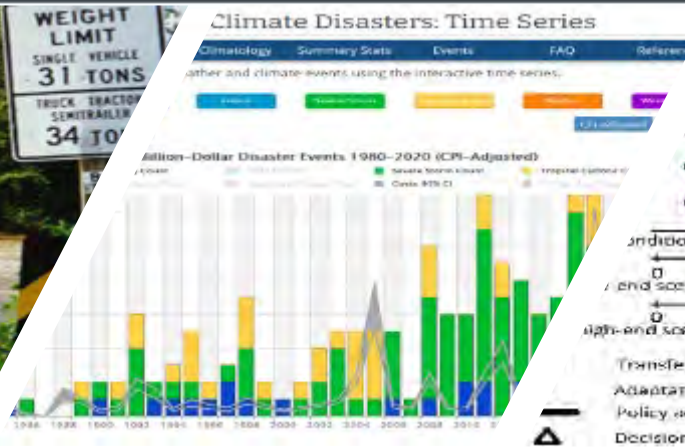


=

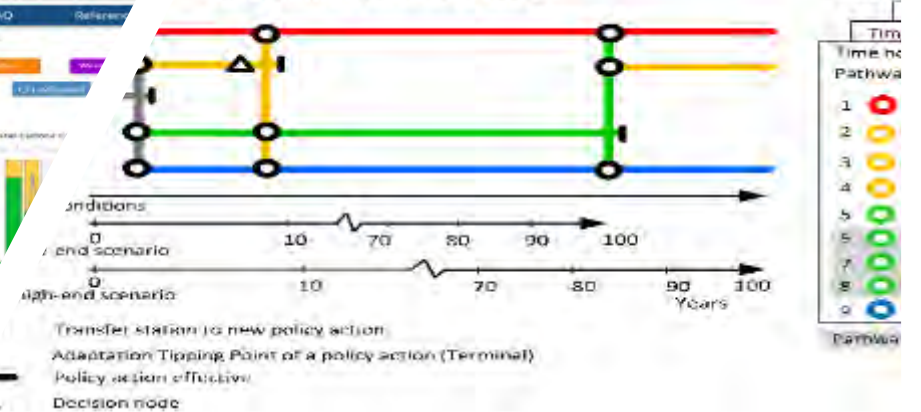


Resilient





Adaptation Pathways Map



Next Steps

- Expand Tools
- Expand Analysis
- Research
- Training/ Outreach/ Partnership



Questions?



Thank You!

Matt Lauffer

mslauffer@ncdot.gov

919-621-0443



NORTH CAROLINA

Department of Transportation



Environmental Analysis Unit; Cultural Resources Group
Archaeology Team Investigations Site 31WA1997 Complete 540

Matt Wilkerson, EAU Archaeology Supervisor
mtwilkerson@ncdot.gov, 919 707-6089
March 3, 2021

Section 106 Review Process

Section 106 of the National Historic Preservation Act of 1966

- federal agencies
 - undertakings (funded, licensed, or permitted)
 - effects on historic properties (properties on or eligible for listing on the National Register of Historic Places including standing structures and archaeological sites)
 - Advisory Council opportunity to comment
-
- Other State and federal laws:
 - NC General Statute 65 -13
 - NC General Statute 70-29 through 33
 - NC General Statute 121-12(a)
 - NC General Statute 160
 - Section 4(f) of the Department of Transportation Act
 - Section 110 of the National Historic Preservation Act
 - Appendix C of 33 CFR 325
 - Archaeological Resources Protection Act of 1979

Agencies and Consulting Parties

- State Historic Preservation Office
- Office of State Archaeology
- Federal Highway Administration
- US Army Corps of Engineers
- State and Federal Tribes
- Local Preservation Commissions
- US Forest Service
- Tennessee Valley Authority
- Property Owners
- State and Local Officials

Archaeology Team Overview

- Archaeological work was handled by the North Carolina Division of Archives and History on behalf of NCDOT in the early 1970s
- NCDOT hired the first internal staff archaeologists in the mid 1970s to increase accountability and control of schedules and costs
- Responsibilities now include completing statewide field investigations, managing on-call NCDOT firm contracts, consulting with state and federally recognized Tribes and acting on behalf of federal and state agencies for certain NCDOT projects
- Current NCDOT staff consists of seven archaeologists

What Exactly Is An Archaeological Site?

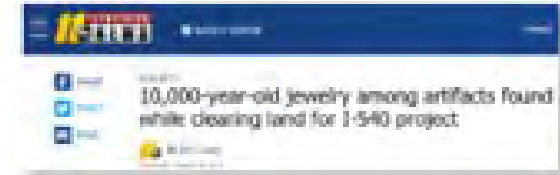
According to the National Park Service (NPS), an archaeological site is defined as “the location of a significant event, a prehistoric or historic occupation or activity, or a building or structure, whether standing, ruined, or vanished, where the location itself possesses historic, cultural, or archeological value regardless of the value of any existing structure”.

For NCDOT and the purposes of archaeological site identification, the North Carolina Office of State Archaeology defines an archaeological site as a location where at least one artifact or feature greater than 50 years of age has been identified.

Sites are found through a variety of techniques including pedestrian survey, shovel testing, and remote sensing.

NCDOT identifies, documents and evaluates many sites significance each year but only a very small percentage of those are considered significant or eligible for the National Register of Historic Places.

Archaeological Data Recovery & Grave Relocation



[Artifacts found during 540 project reveal glimpse of NC's ancient past - ABC11 Raleigh-Durham](#)

Site Examples In North Carolina



Why Excavate Site 31WA1997?

- One of over 150 sites identified in the 540 corridor
- Contained well preserved soils as well as artifacts from both the Early Archaic and Middle Woodland periods (8,000 BC to 800 AD)
- 31WA1997 was considered significant for its ability to yield significant information on history and/or prehistory
- Could not be fully avoided through the design process



31WA1997 Feature Examples

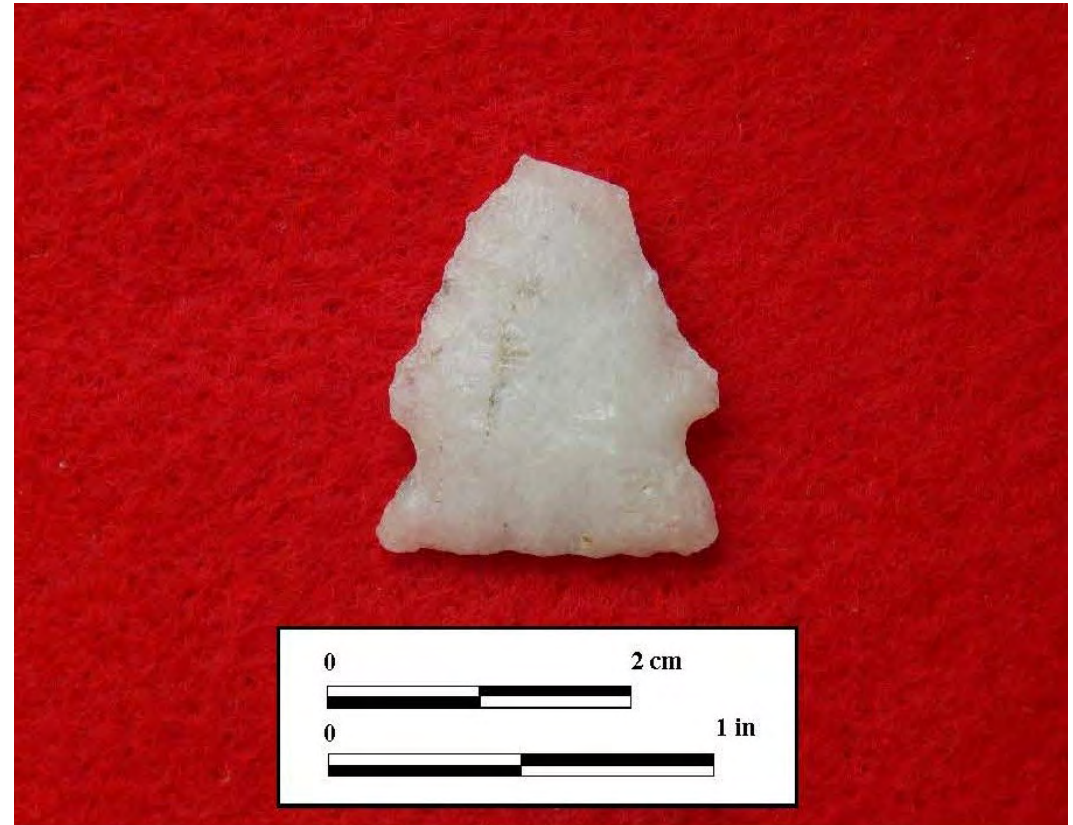


Feature Containing Ceramic Cluster





Early Archaic Palmer Points



Fabric Impressed Sherds, Gorget Fragment



Thank You

- Scott Halvorsen, NCDOT Archaeology Team Project Manager
- Dr. Susan Bamann, Commonwealth Heritage Group, Regional Manager
- Jennifer Harris, North Carolina Turnpike Authority
- Marcus Curran, Lane Construction & Blythe Construction Assistant Project Manager for Complete 540
- Chris Werner, Director NCDOT Technical Services
- Phil Harris, Environmental Analysis Unit Head
- Jamie Lancaster, NCDOT Environmental Analysis Assistant Unit Head Cultural Resources Group Leader
- Our state and federal agency partners including the Federal Highway Administration, The State Historic Preservation Office, the Office of State Archaeology and the Catawba Indian Nation



NORTH CAROLINA

Department of Transportation



Revenue Update

Finance Committee

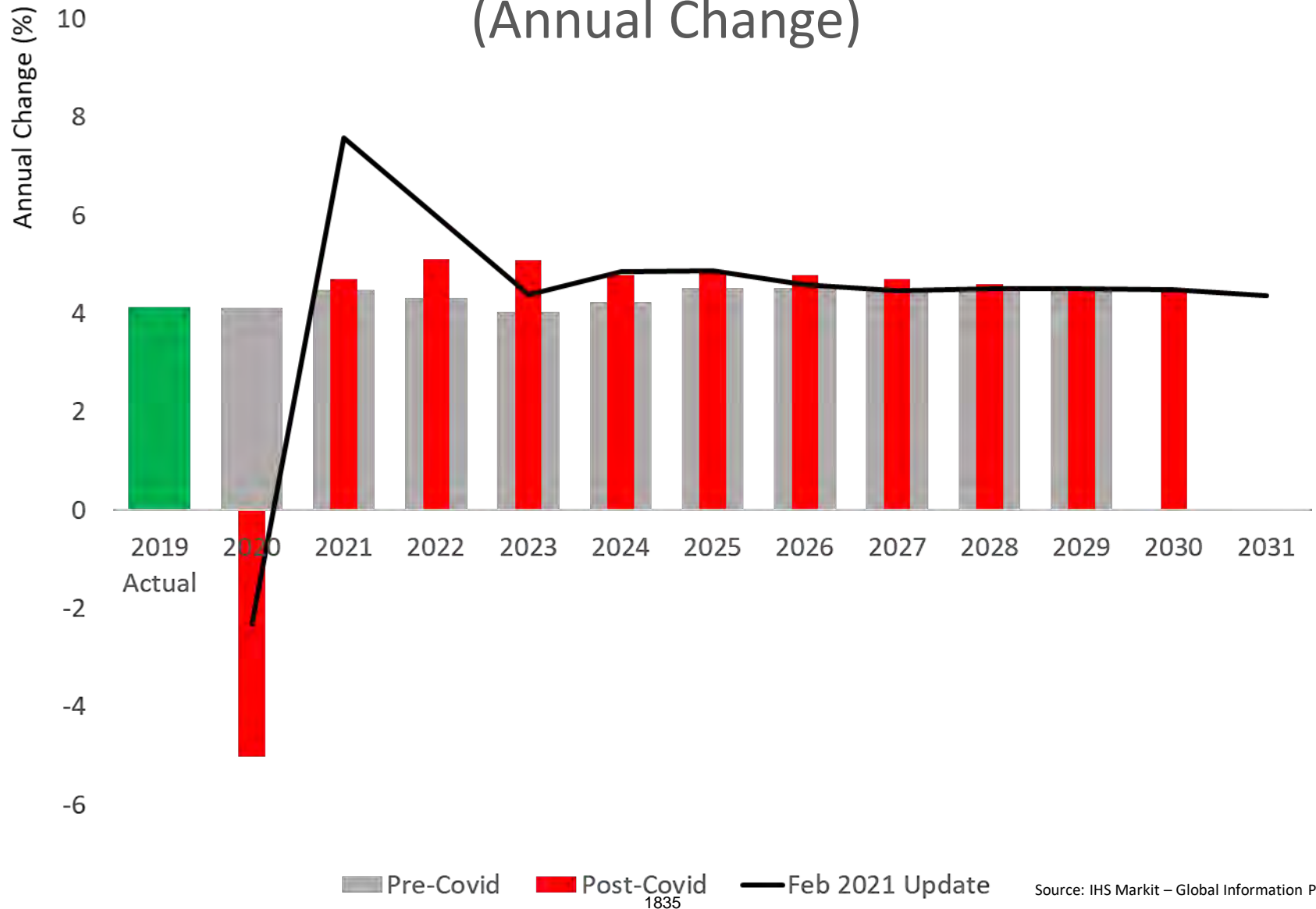
H. Tasaico, PE

March 3, 2021

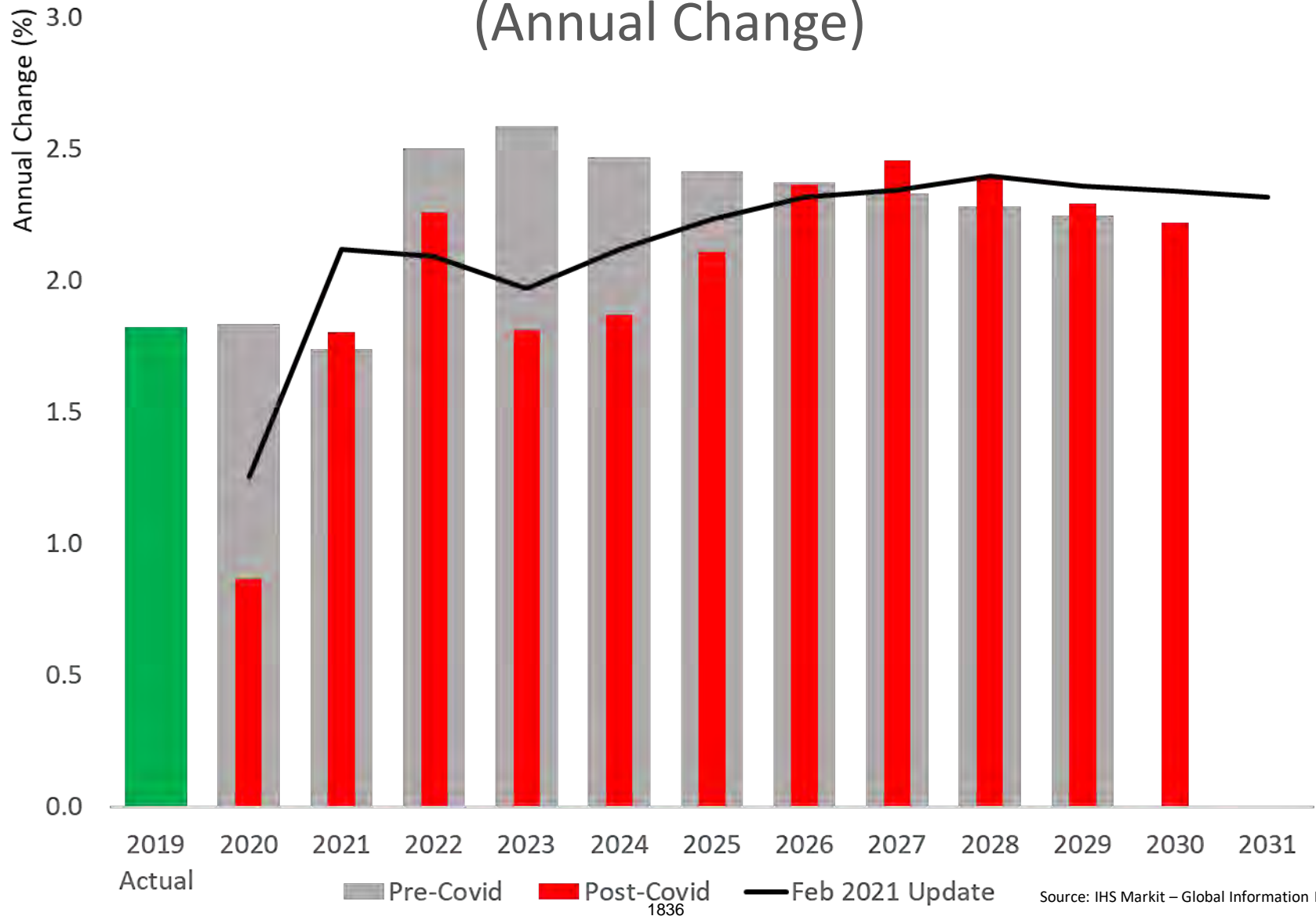
SFY 2022 Forecast Cycle



Macro Variable - Gross Domestic Product (Annual Change)

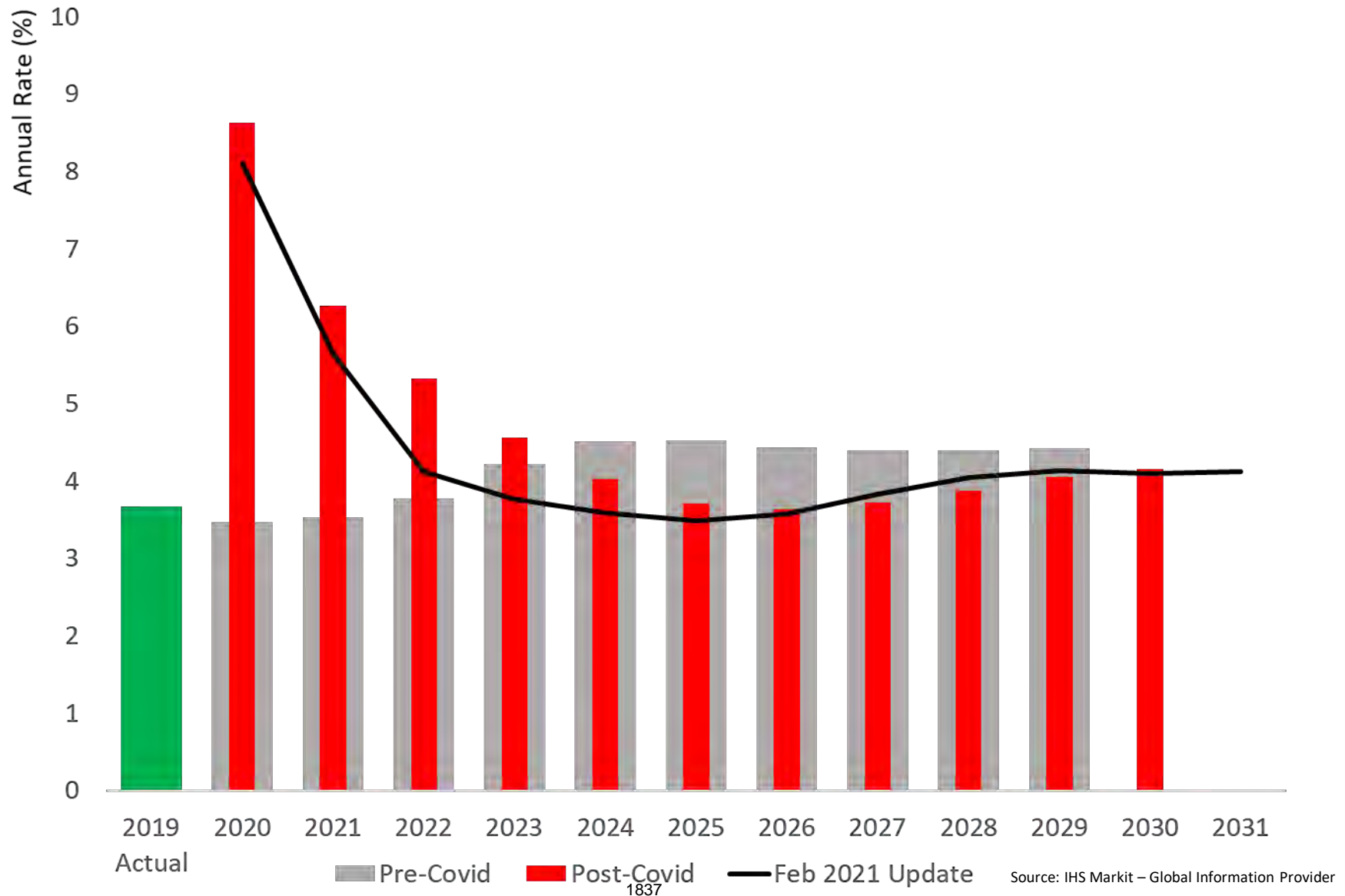


Macro Variable – Consumer Price Index (CPI) (Annual Change)

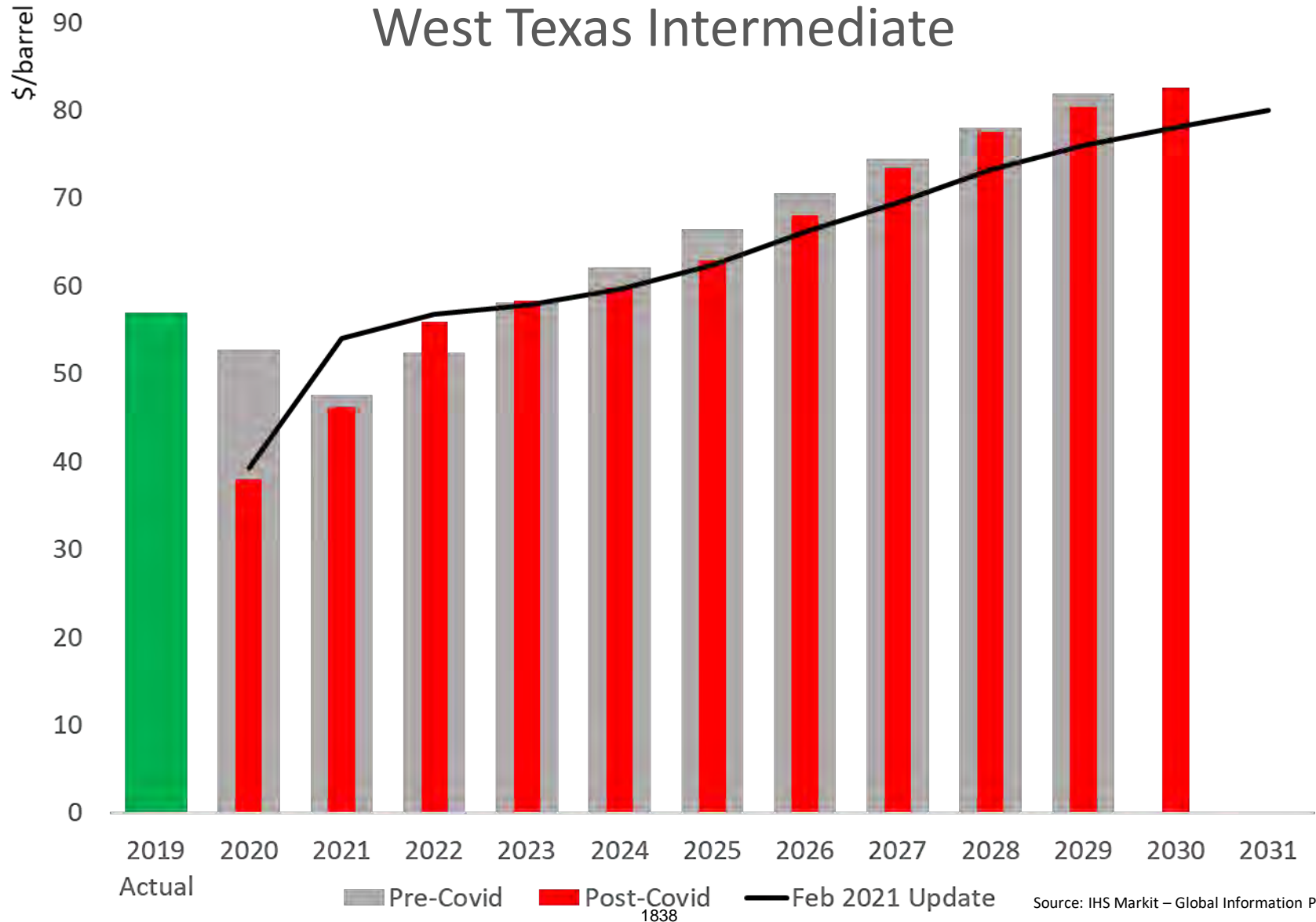


Source: IHS Markit – Global Information Provider

Macro Variable – Annual Unemployment Rate

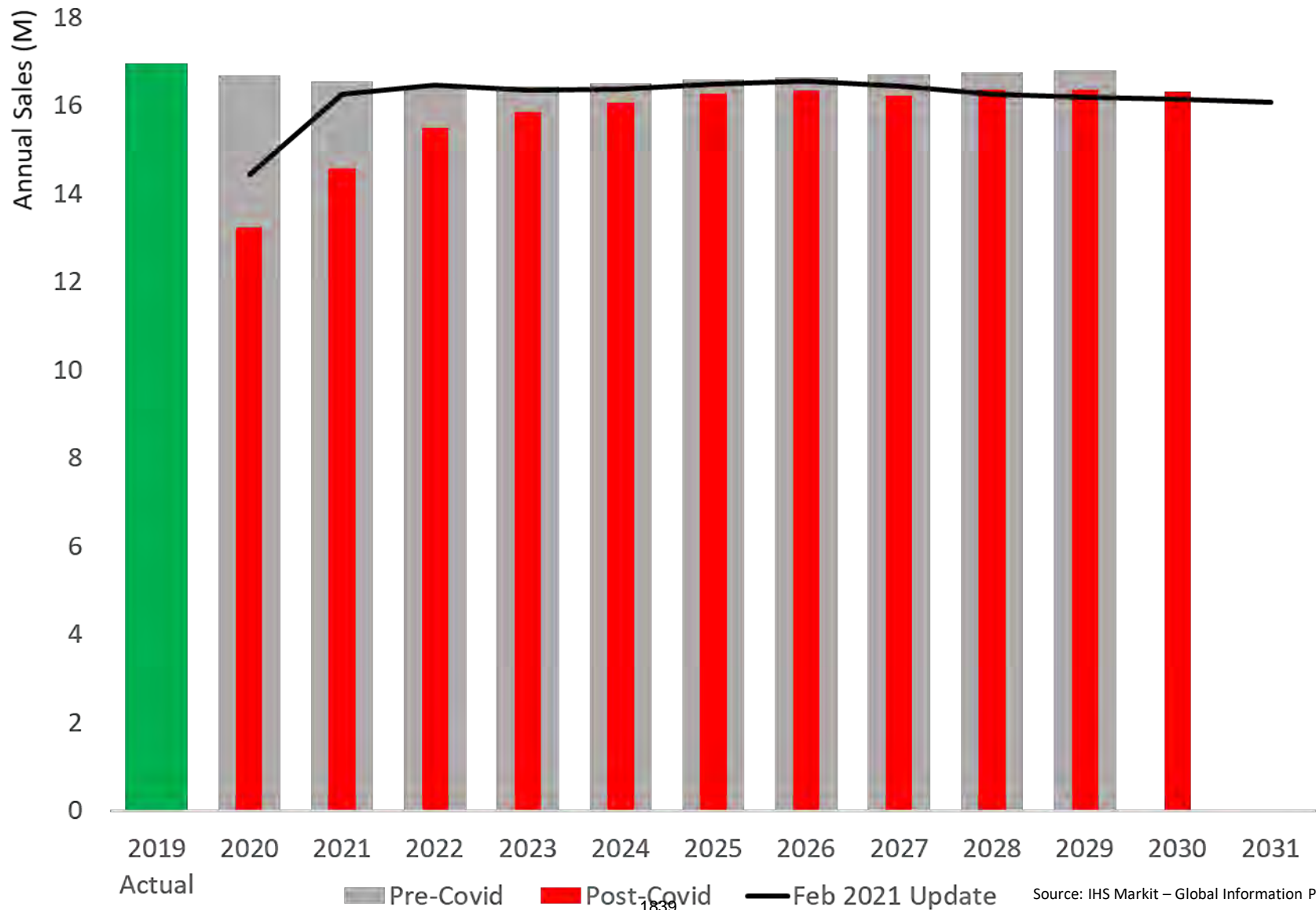


Macro Variable – Crude Oil (WTI) West Texas Intermediate

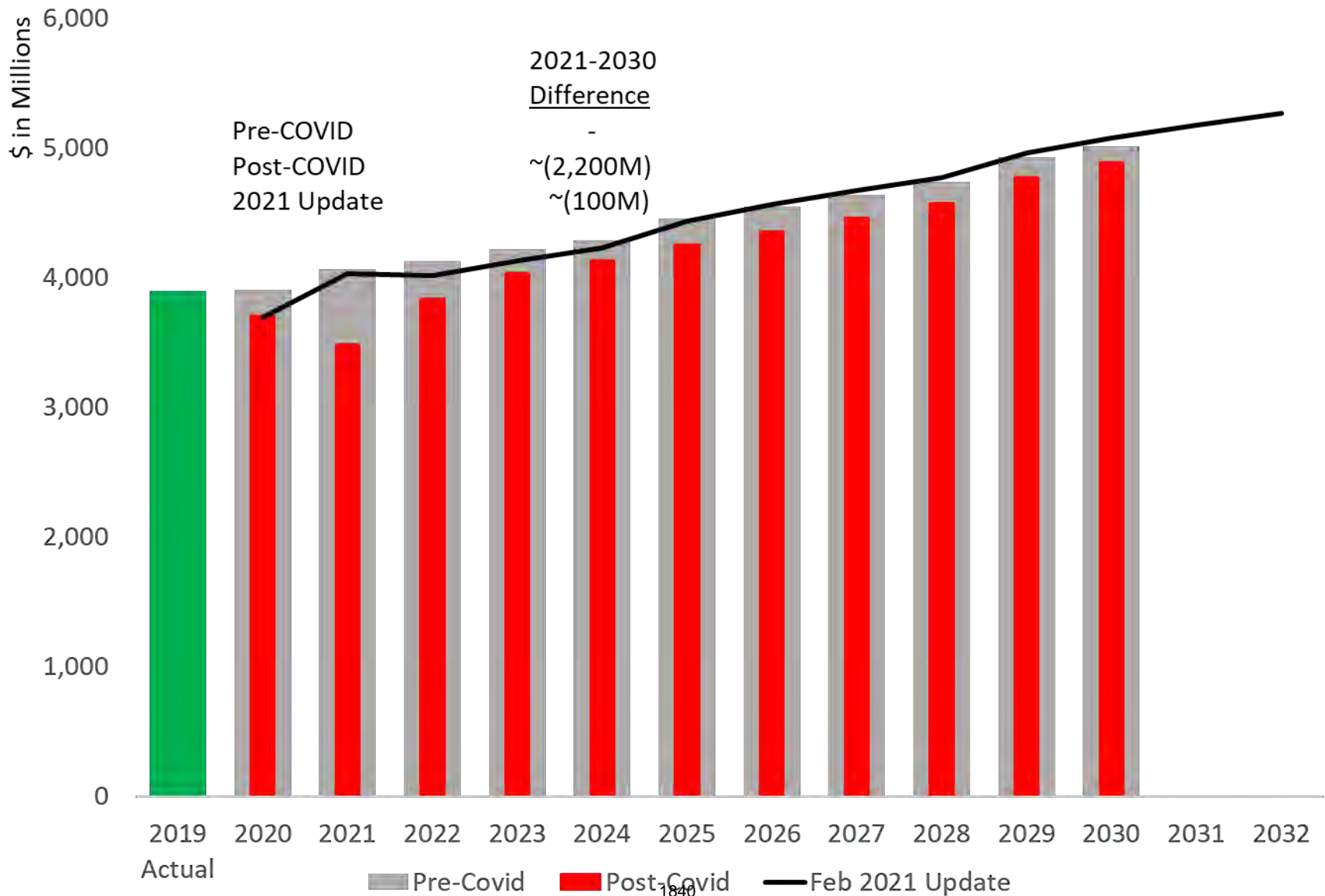


Source: IHS Markit – Global Information Provider

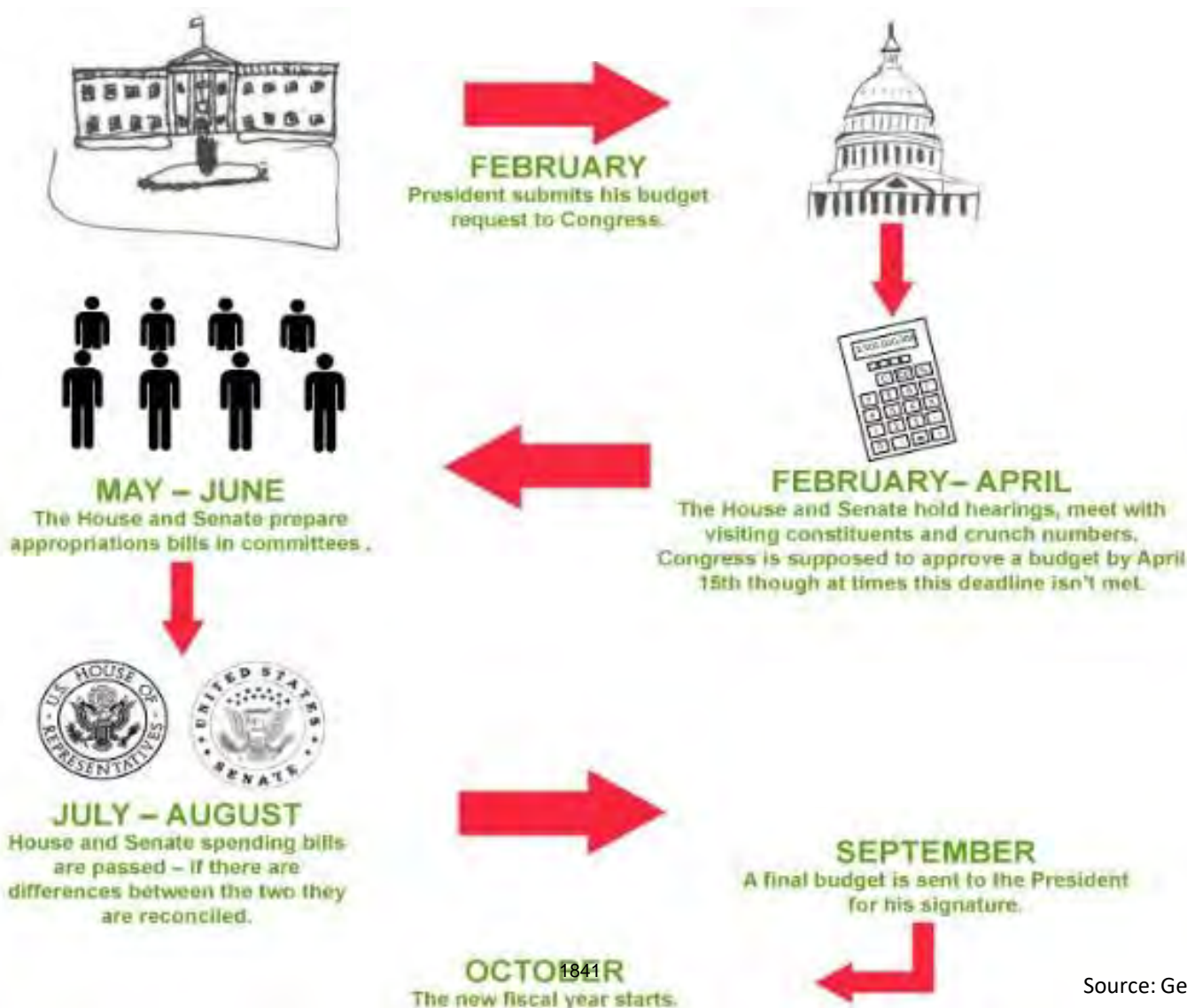
Macro Variable – Light Car Sales



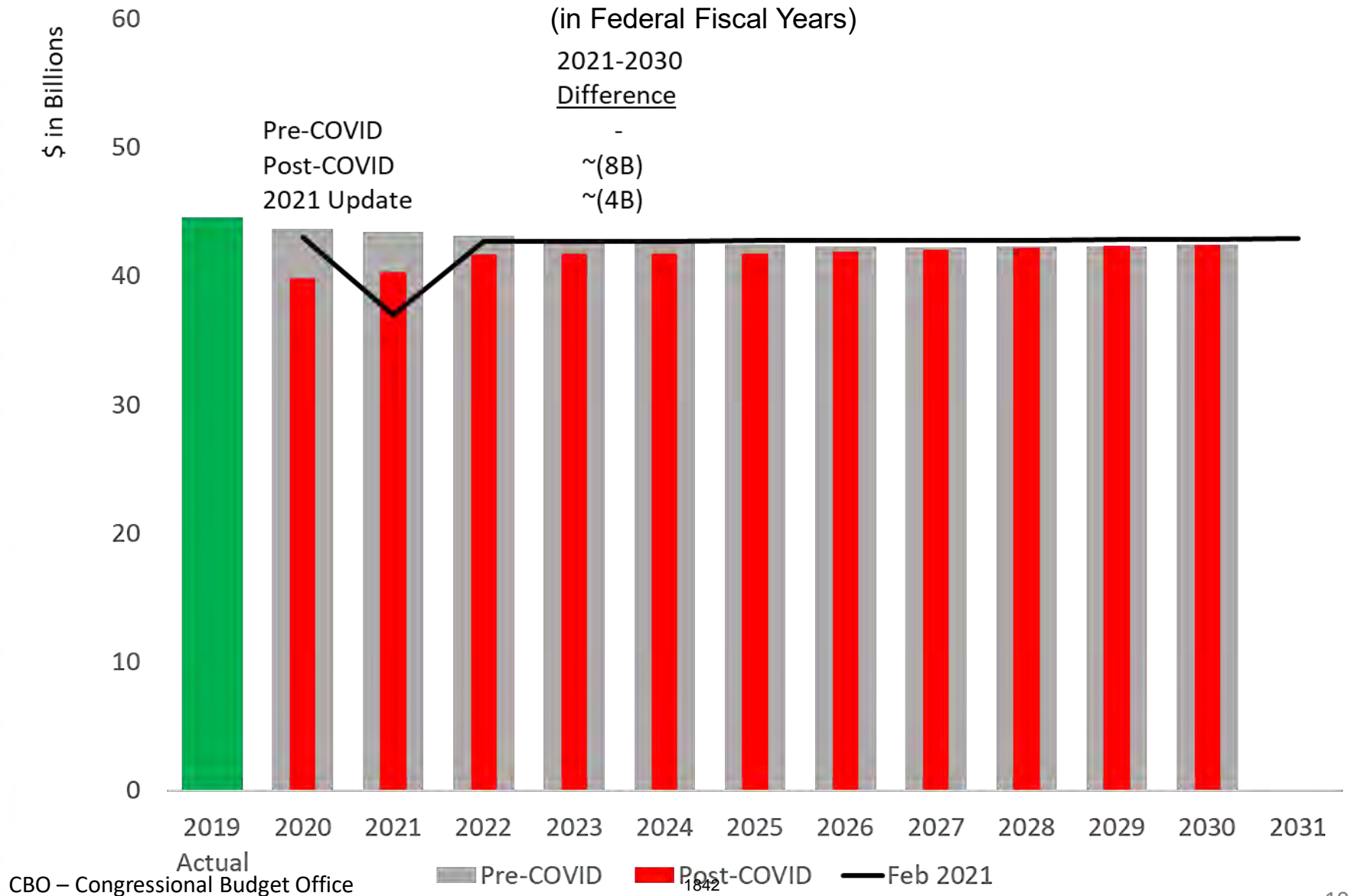
Revenue Comparison - Total State Transportation



Federal Budget Process



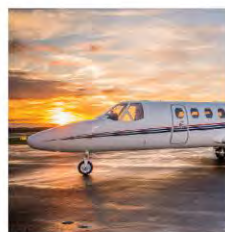
CBO Forecast Comparison





NORTH CAROLINA

Department of Transportation



Financial and Spend Plan Update

As of January 2021

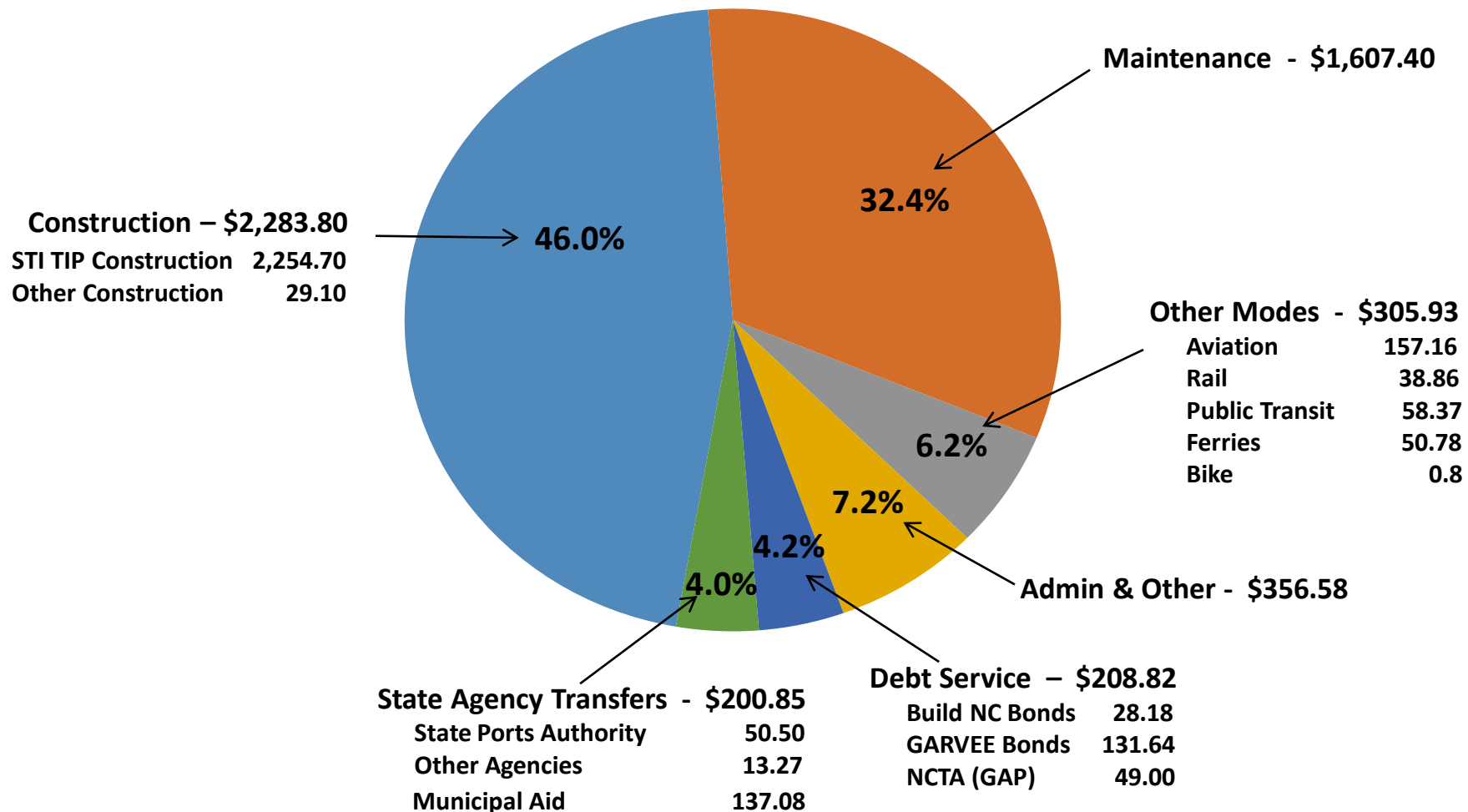
Stephanie King, Chief Financial Officer

February 17, 2021

Uses of 2020-21 NCDOT Appropriations*

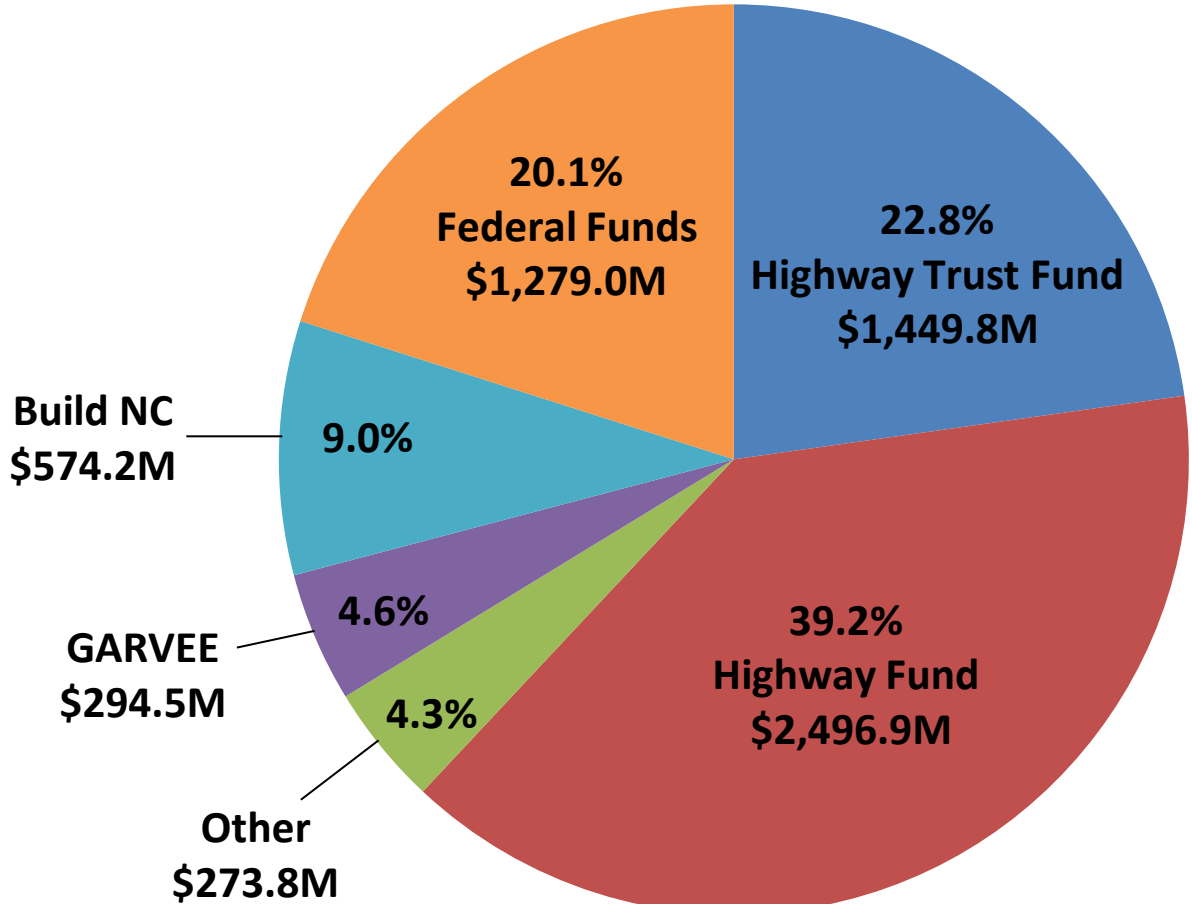
Total Funding = \$4.96 Billion

(Excludes Receipt Supported Funding of \$0.2B)



(\$ in millions)

NCDOT Sources of Cash 2020-21 by Major Funding Source Total Funding = \$6.4 Billion



(\$ in millions)

Financial Analysis

- **HF Cash** – Cash balance increased from \$100.7 million in January 2020 to \$751.9 million in January 2021. An increase of \$651.2 million or 646.4%. This increase in cash is primarily due to increased motor fuel tax and license & fees revenues for the Highway Fund combined with lower cash disbursements as a result of continued decreased expenditures.
- **HF Revenues** – Revenues increased from \$187.9 million in January 2020 to \$201.3 million in January 2021. An increase of \$13.4 million or 7.1%. This increase was primarily due to a \$8.8 million increase in motor fuel tax and a \$5.0 million increase in license and fee revenues in January 2021 compared to January 2020.
- **HF** January 2021 YTD revenues are greater than January 2020 YTD revenues by \$174.2 million, and January 2021 YTD expenses are less than January 2020 expenses by \$553.2 million.
- **HTF Cash** – Cash balance increased from \$289.5 million in January 2020 to \$563.9 million in January 2021. An increase of \$274.4 million or 94.8%. This increase in cash is primarily due to continued decreased expenditures and loan repayments from Highway Fund.
- **HTF Revenues** – Revenues decreased from \$140.6 million in January 2020 to \$119.2 million in January 2021. A decrease of \$21.4 million or 15.2%. This decrease was primarily due to a \$19.7 million decrease in motor fuel tax revenue and a \$1.0 million decrease in highway use tax revenue in January 2021 compared to January 2020.
- **HTF** January 2021 YTD revenues are lower than January 2020 YTD revenues by \$82.9 million, and January 2021 YTD expenses are less than January 2020 expenses by \$165.3 million.

Key monthly action:

- On January 6, 2021, a transfer was made from the Highway Fund to the Highway Trust Fund to repay \$30 million of the Highway Trust Fund loans that began on July 6, 2018. The outstanding balance of the loans after this payment was \$890.3 million.

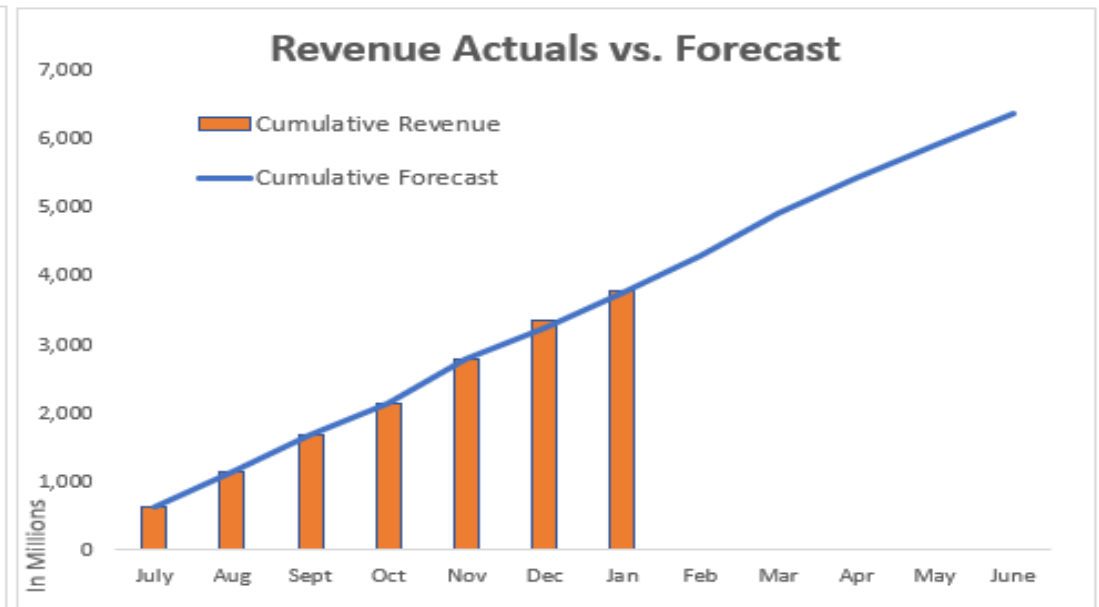
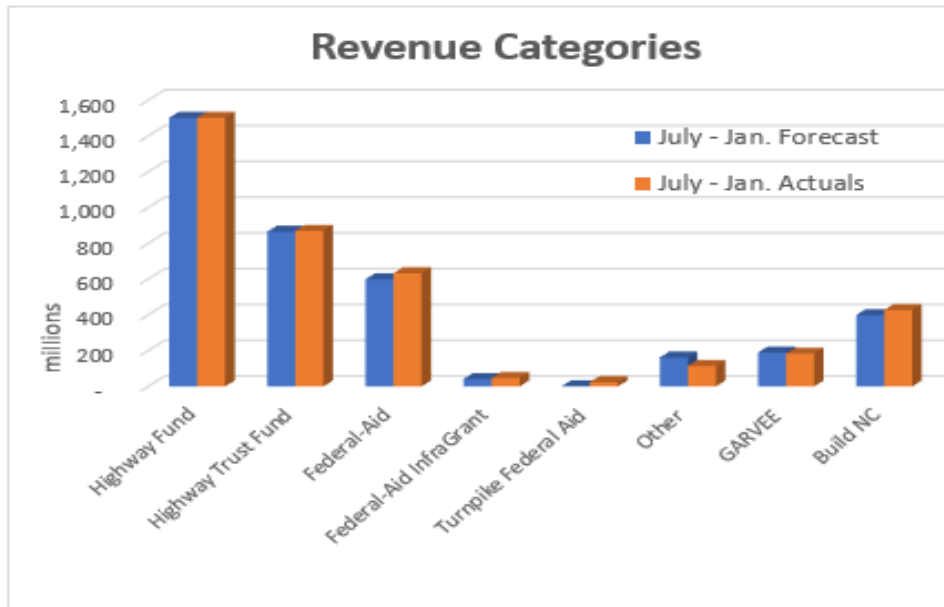
Spend Plan Analysis

- Total Revenues year to date are 1% above the spend plan forecast, or \$42 million. DOT realized higher Motor Fuel Tax revenue in July of \$80 million of deferred taxes allowed by NCDOR. The Department has received \$283 million of 2020 Build NC reimbursements from the trustee through January. In addition, year to date Federal Aid revenue was 6%, or \$34 million, above the forecasted amount.
 - Other Revenue – Total Other Revenues year to date is \$114 million or 29% below spend plan forecast. Major line items for this category include Damage Claims (\$46.1 million), Federal Transit funding (\$13.9 million), Federal Transit CARES Act funding (\$18.2 million), Federal Aviation funding (\$9.2 million), GHSP funding (\$7.7 million), and LOGO Annual Fees (\$3.7 million).
- Total Expenditures year to date are 11% below the spend plan forecast, or \$346 million. This is a result of the slow down implemented during Spring 2020 and the lag time in reinitiating project phases.
 - Total Construction Expenditures are 2% below spend plan forecast. ROW expenditures through December total \$157.2 million, or 35.4% of the \$444 million yearly spend plan. Utilities expenditures through December total \$65.0 million, or 61.9% of the \$105 million yearly spend plan.
 - Maintenance Expenditures year to date are 26% below spend plan forecast. Contract Resurfacing and Bridge Program expenditures are expected to increase as contracts are let and work begins.
 - Total Modal Expenditures are 33% below spend plan forecast. Modal grant payments to locals were delayed because of the cash uncertainty. Projects are now moving forward and expenditures are expected to increase in the third and fourth quarter of SFY 2021.

Spend Plan Revenue Summary January 2021 (in millions)

Revenue	January 2021	January 2020	2020-2021 Actual Revenue	2019-2020 Actual Revenue	\$ Δ	% Δ	2020-2021 Spend Plan Revenue Forecast*	%	2020-2021 Spend Plan Revenue Forecast* To Date	%
Highway Fund	201.48	187.85	1,502.14	1,326.47	\$175.7	13%	2,496.7	60%	1,501.6	100%
Highway Trust Fund	119.21	140.64	870.18	953.11	(82.9)	-9%	1,450.1	60%	865.2	101%
FHWA Federal Aid	48.41	157.5	633.1	760.5	(127.4)	-17%	1,201.2	53%	599.6	106%
Federal Aid - InfraGrant	4.27	0.0	47.7	0.0	47.7		76.1	63%	41.9	114%
Turnpike Federal Aid	19.78	0.0	24.2	2.0	22.2	1100%	1.7	1423%	1.7	1423%
Other	8.33	9.6	114.5	84.8	29.7	35%	273.8	42%	162.1	71%
GARVEE	7.67	10.9	183.2	84.1	99.1	118%	294.5	62%	189.7	97%
Build NC	40.40	10.6	427.4	110.3	317.1	287%	574.2	74%	398.9	107%
Total Revenue	\$449.6	\$517.0	\$3,802.4	\$3,321.3	\$481.1	14%	\$6,368.4	60%	\$3,760.9	101%

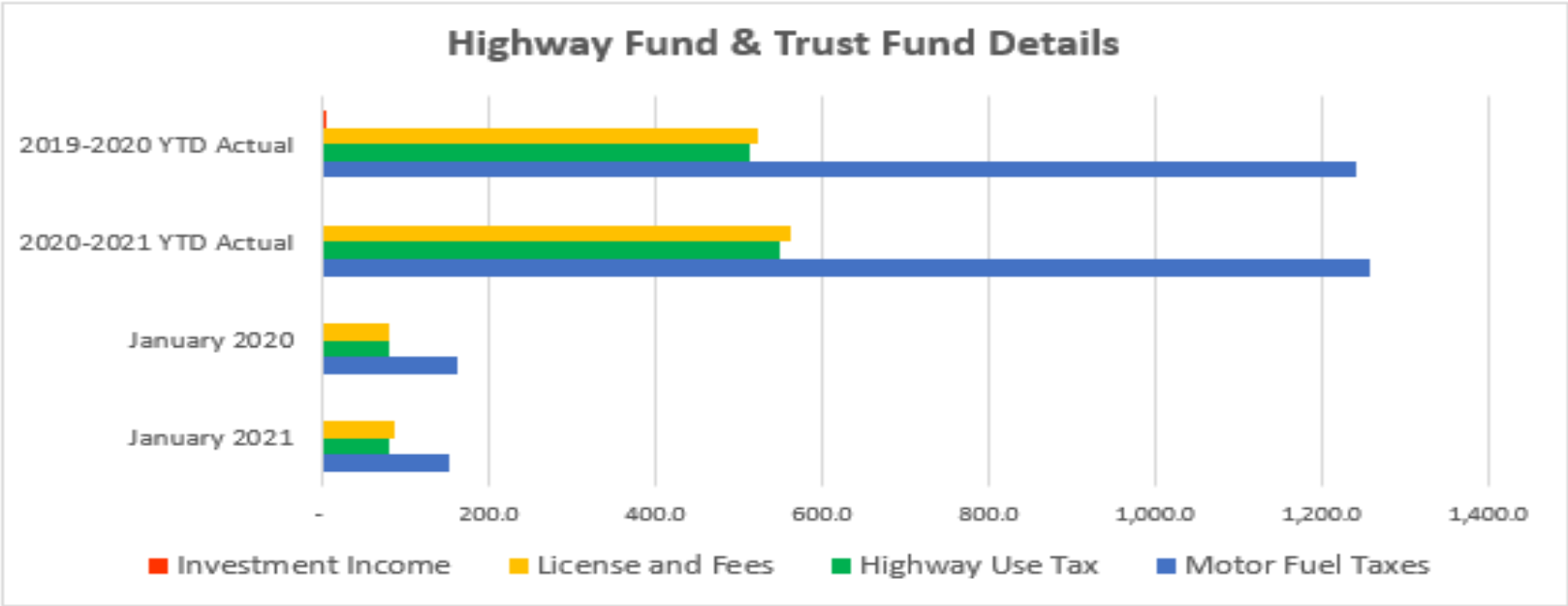
* Revised Revenue Forecast for the 12/2/20 Approved Spend Plan



Highway Fund & Trust Fund Details January 2021

(in millions)

Highway Fund & Trust Fund Details	January 2021	January 2020	Year Over Year			
			2020-2021 YTD Actual	2019-2020 YTD Actual	\$ Δ	% Δ
Motor Fuel Taxes	153.0	163.9	1,257.1	1,241.8	\$ 15.2	1%
Highway Use Tax	80.8	81.8	549.6	511.6	38.0	7%
License and Fees	86.4	81.9	563.0	521.7	41.4	8%
Investment Income	0.3	0.9	2.4	5.7	(3.3)	-58%
Total	\$ 320.5	\$ 328.5	\$ 2,372.1	\$ 2,280.8	\$ 91.3	4%

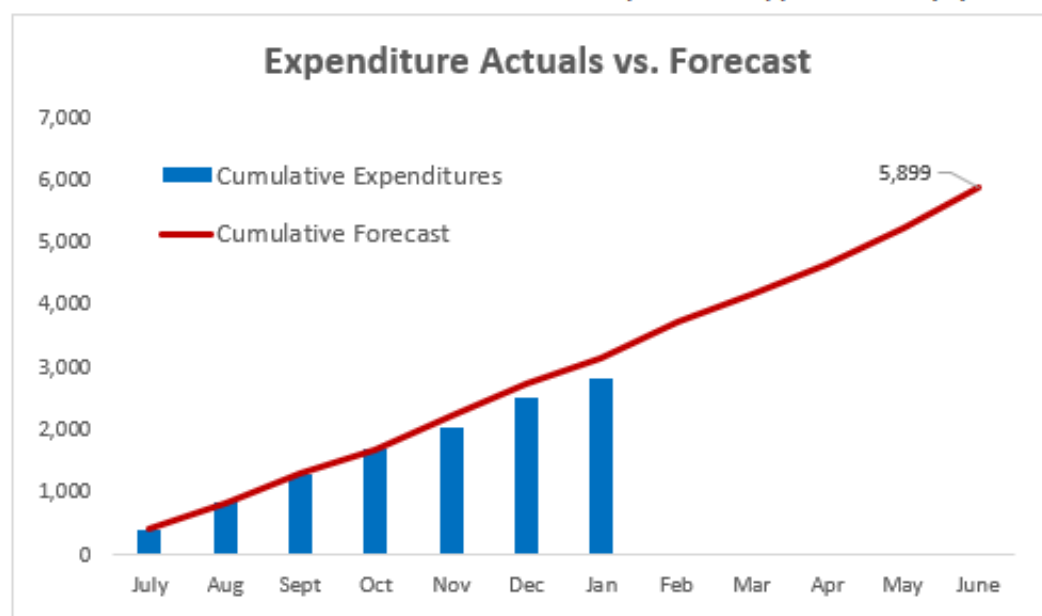
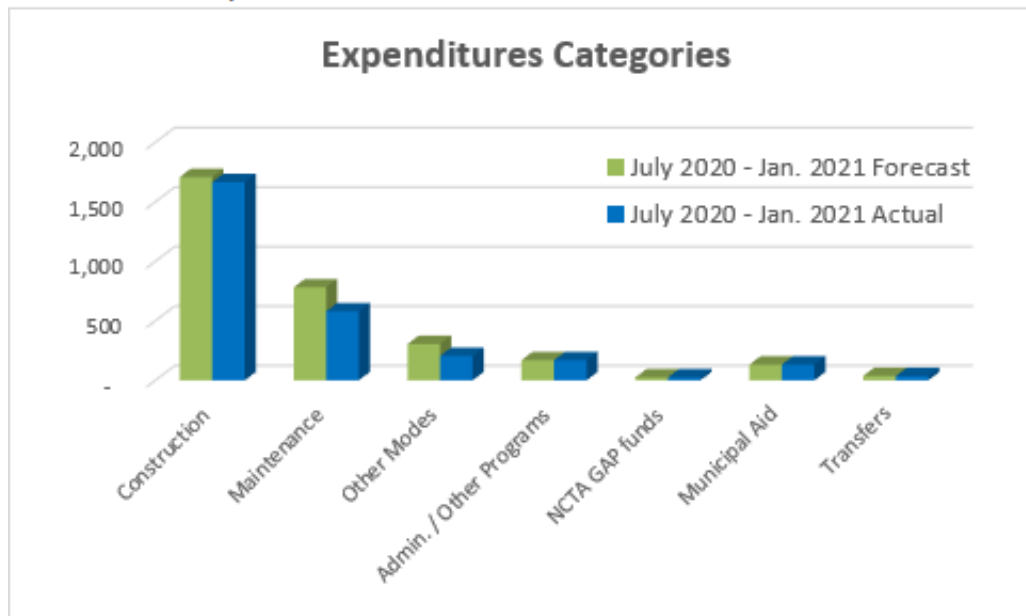


Spend Plan Expenditure Summary January 2021 (in millions)

State & Federal Funded Programs:	January 2021	January 2020	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan**	%	2020-2021 Spend Plan** To Date	%
Construction	182.9	273.4	1,665.4	2,033.9	(\$368.5)	-18%	3,117.0	53%	1,708.1	98%
Maintenance (including FEMA)	67.9	104.1	579.3	966.0	(386.7)	-40%	1,560.0	37%	781.2	74%
Other Modes	13.9	9.2	205.0	152.0	53.0	35%	643.4	32%	305.5	67%
Administration/Other Programs	22.5	24.1	169.4	181.6	(12.1)	-7%	329.1	51%	169.3	100%
NCTA GAP funds / GO Debt Service	-	-	24.5	25.0	(0.5)	-2%	49.0	50%	24.5	100%
Municipal Aid	-	-	132.6	147.5	(14.9)	-10%	132.1	100%	132.1	100%
Transfers to Other Agencies	2.4	13.6	36.2	19.2	17.0	89%	68.7	53%	37.4	97%
Total Expenditures*	\$289.7	\$424.4	\$2,812.5	\$3,525.1	\$ (712.7)	-20%	\$5,899.4	48%	\$3,158.2	89%

*Excludes NCTA Expenditures

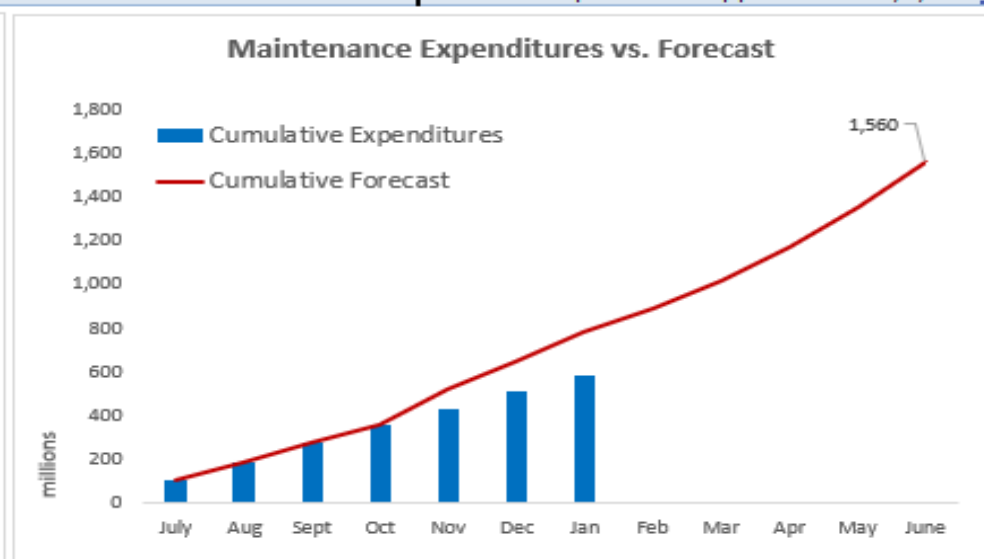
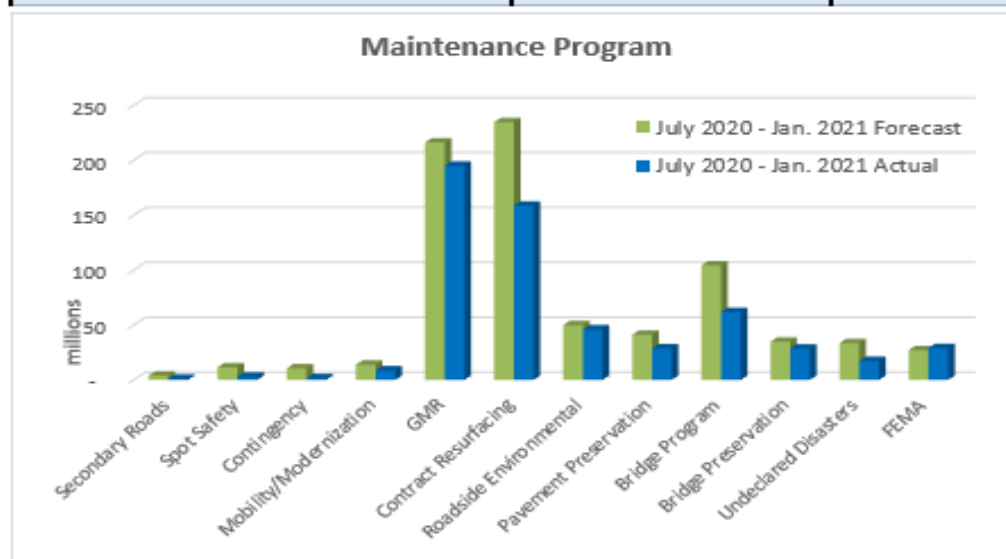
** Spend Plan Approved on 12/2/2020



Maintenance Program Expenditure Summary January 2021

(in millions)

Maintenance Programs:	January 2021	January 2020	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan*	%	2020-2021 Spend Plan* To Date	%
Secondary Roads	0.1	0.17	1.2	2.1	(0.96)	-45%	10.0	12%	3.9	30%
Spot Safety Improve.	0.3	0.54	2.9	4.7	(1.81)	-38%	30.0	10%	11.6	25%
Contingency	0.4	0.76	1.5	5.9	(4.41)	-74%	30.0	5%	10.7	14%
Mobility/Modernization	1.0	2.87	8.8	17.4	(8.56)	-49%	30.0	29%	13.9	63%
GMR	36.8	36.11	194.9	240.9	(45.93)	-19%	391.3	50%	216.1	90%
Contract Resurfacing	9.2	25.08	158.6	346.3	(187.63)	-54%	475.0	33%	234.7	68%
Roadside Environmental	4.7	4.90	46.2	62.2	(16.01)	-26%	90.0	51%	49.9	93%
Pavement Preservation	0.8	1.44	28.7	51.0	(22.34)	-44%	75.0	38%	41.1	70%
Bridge Program	4.9	19.26	61.7	148.2	(86.53)	-58%	225.0	27%	104.2	59%
Bridge Preservation	2.2	8.52	28.6	47.2	(18.59)	-39%	60.0	48%	34.7	82%
Undeclared Disasters	3.7	-	17.2	-	17.20		93.7	18%	33.5	51%
FEMA	3.9	4.44	29.0	40.1	(11.09)	-28%	50.0	58%	27.1	107%
Total Expenditures	67.94	104.10	579.31	965.96	(386.65)	-40%	1,560.00	37%	781.18	74%
										* Spend Plan Approved on 12/2/2020

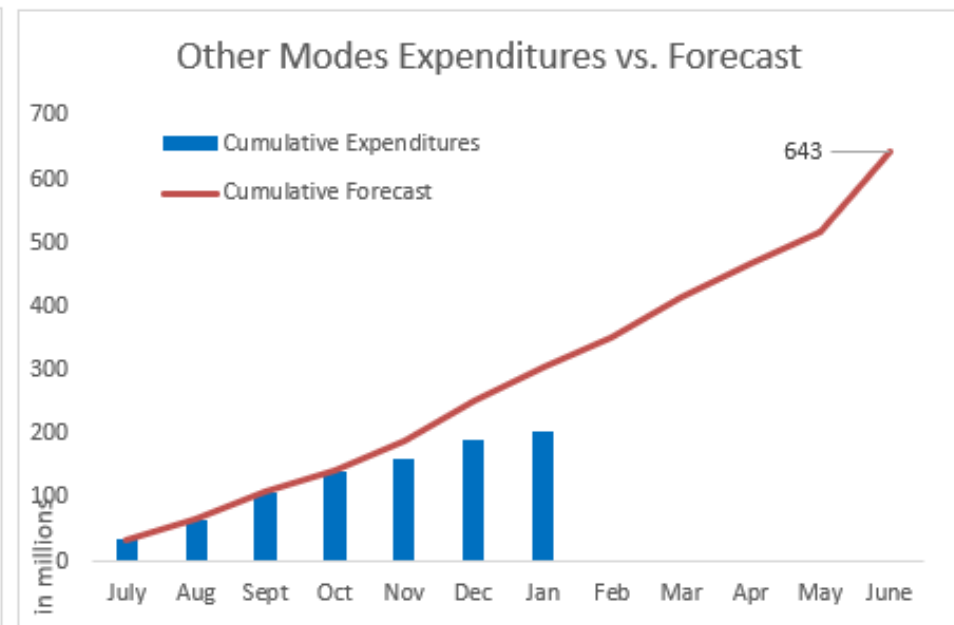
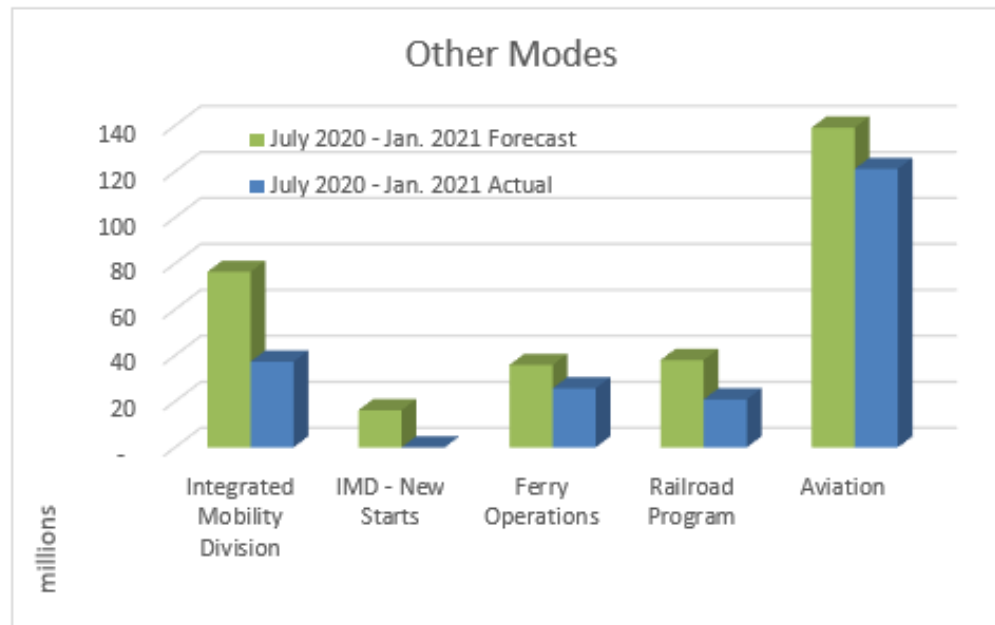


Other Modes Expenditure Summary January 2021

(in millions)

Modal Expenditures	January 2021	January 2020	2020-2021 Actual Expenditure	2019-2020 Actual Expenditure	\$ Δ	% Δ	2020-2021 Spend Plan*	%	2020-2021 Spend Plan* To Date	%
Integrated Mobility Division	5.0	(7.6)	37.3	46.8	(9.5)	-20%	185.7	20%	76.4	49%
IMD - New Starts	-	-	-	-	-	-	37.3	0%	16.2	0%
Ferry Operations	2.7	5.9	25.7	34.0	(8.3)	-24%	65.3	39%	35.9	72%
Railroad Program	2.7	3.7	20.9	19.6	1.3	7%	111.1	19%	38.0	55%
Aviation	3.6	7.1	121.1	51.6	69.5	135%	244.0	50%	139.1	87%
Total Modal Expenditure	\$13.9	\$9.2	\$205.0	\$152.0	\$53.0	35%	\$643.4	32%	\$305.5	67%

* Spend Plan Approved on 12/2/2020



Financial Update

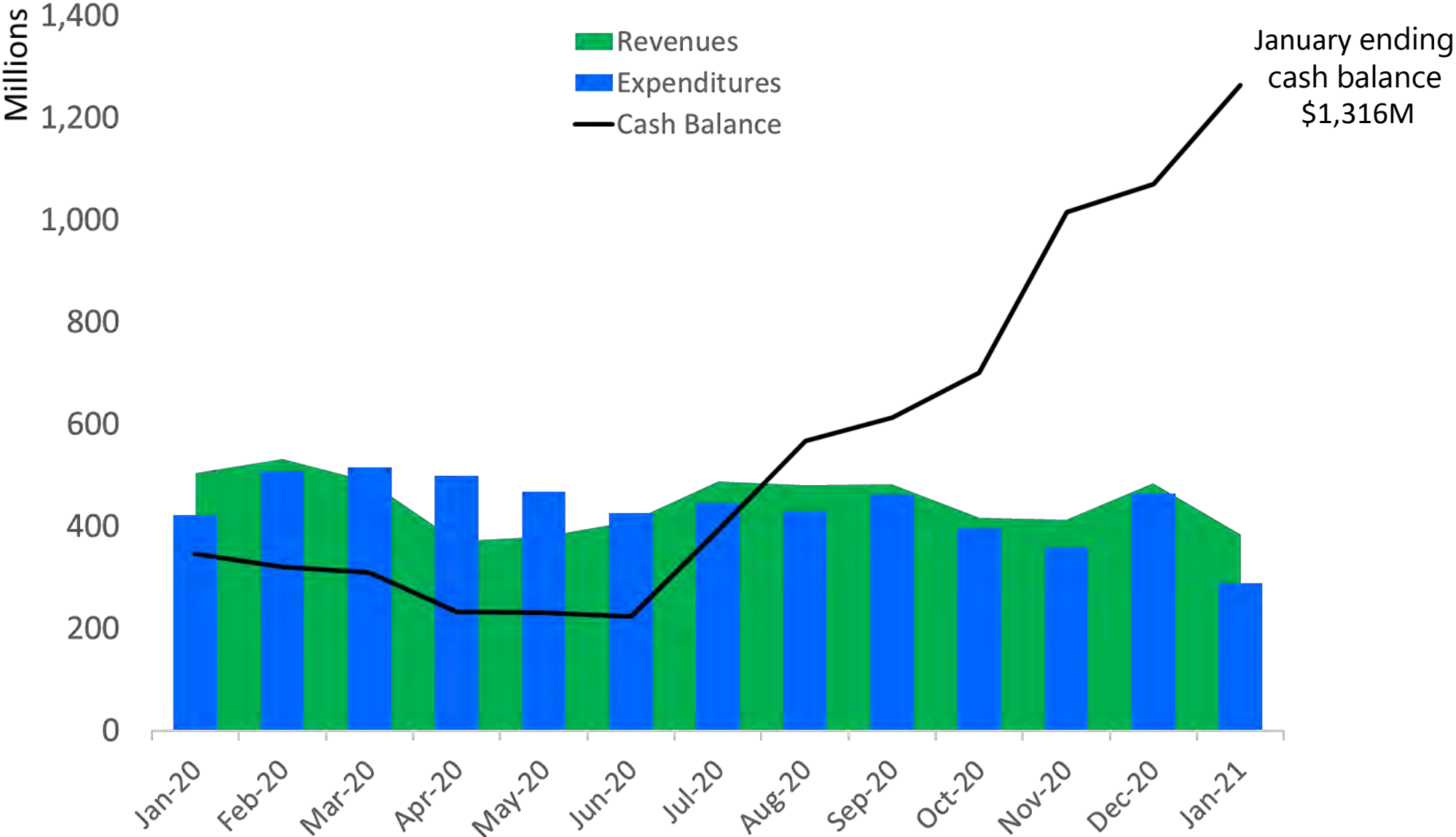
SFYTD 2021 as compared SFYTD 2020 (\$ in millions)

	Month over Month		Year to Date		
	January 2021	January 2020	YTD 2021	YTD 2020	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 450	\$ 517	\$ 3,802	\$ 3,321	\$ 481
Expenditures	<u>290</u>	<u>424</u>	<u>2,812</u>	<u>3,525</u>	<u>(713)</u>
Net Change	\$ 160	\$ 93	\$ 990	\$ (204)	\$ 1,194

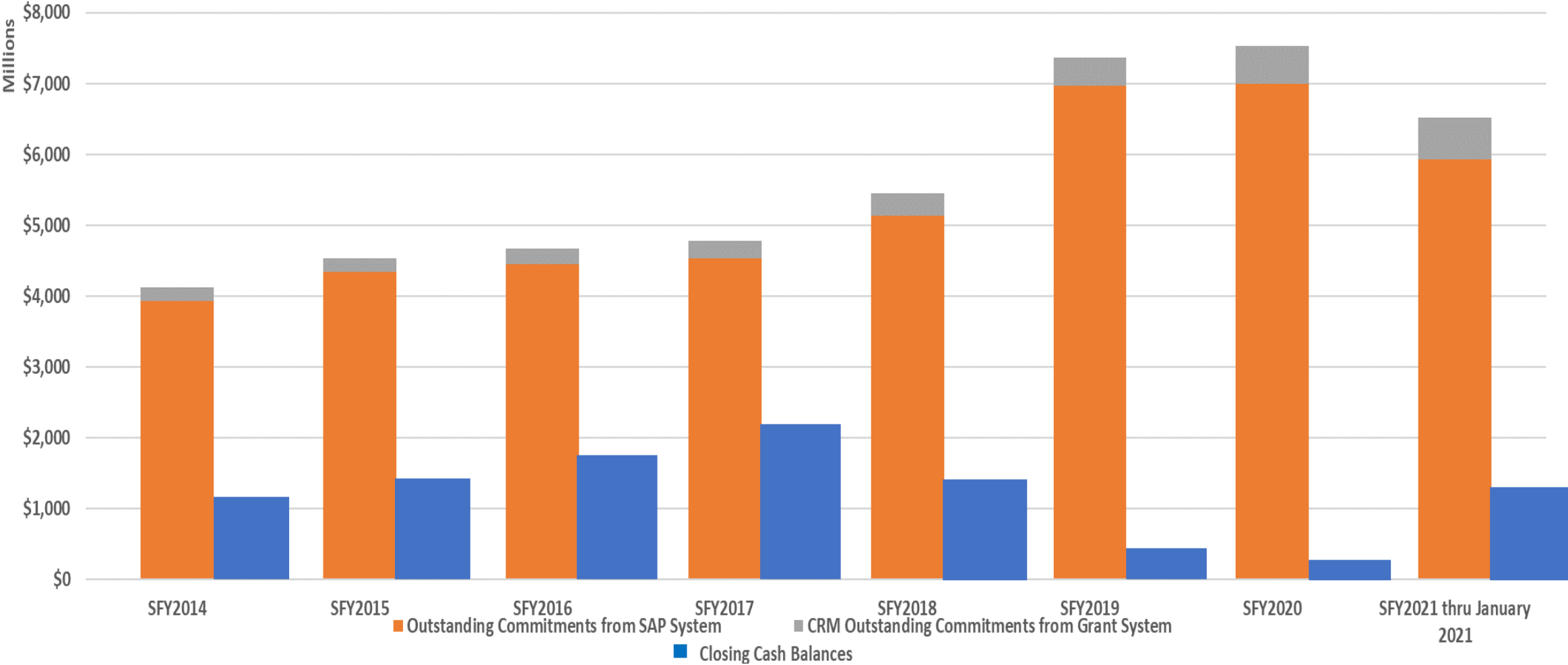
	January 2021	January 2020
Cash Balances:		
Highway Trust Fund	\$ 564	\$ 290
Highway Fund*	<u>752</u>	<u>101</u>
Totals	<u>\$ 1,316</u>	<u>\$ 390</u>

*Excludes bond proceeds held by Trustee

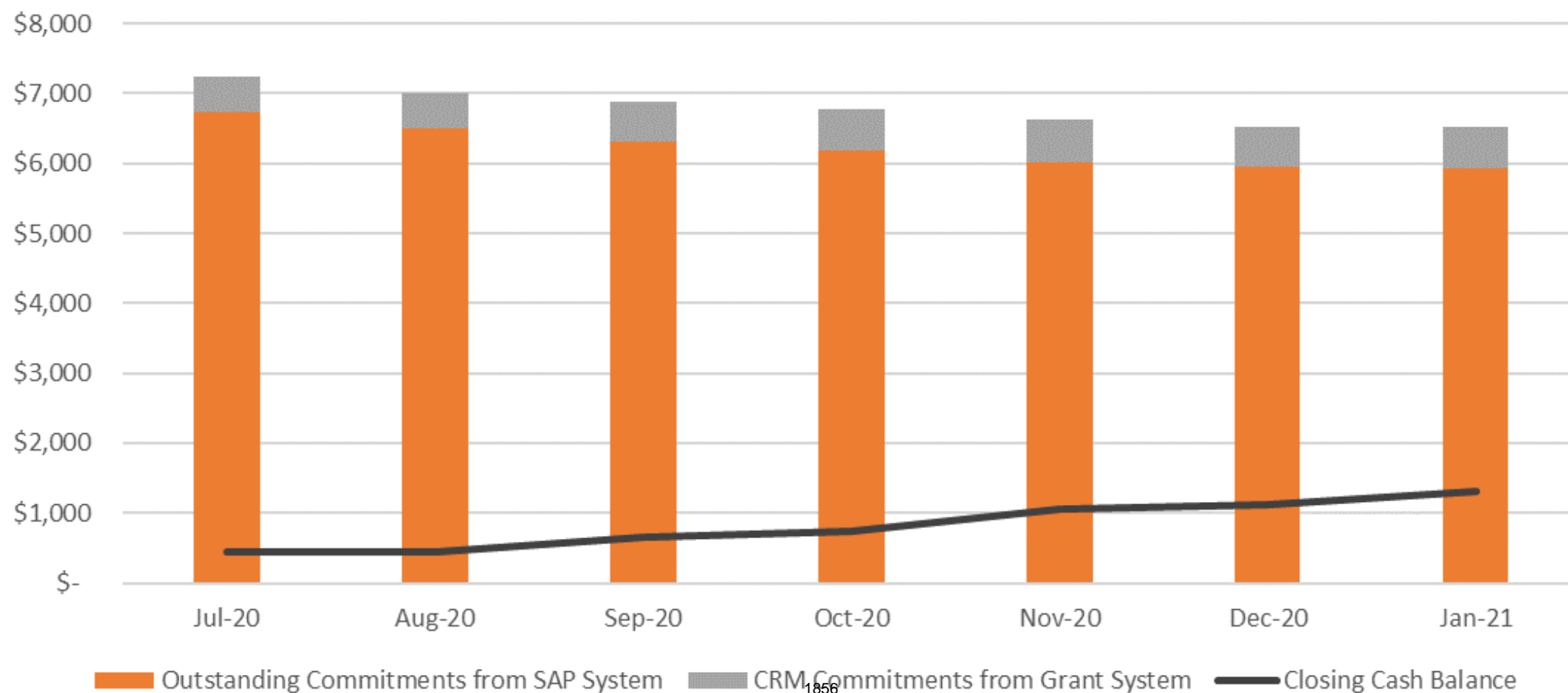
2021 Month-end Financial Indicators



NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year



NCDOT Outstanding Commitments & Closing Cash Balances by Month



Cash Reporting

Joint Legislative Transportation Oversight Committee

January 2021 – Reporting Required

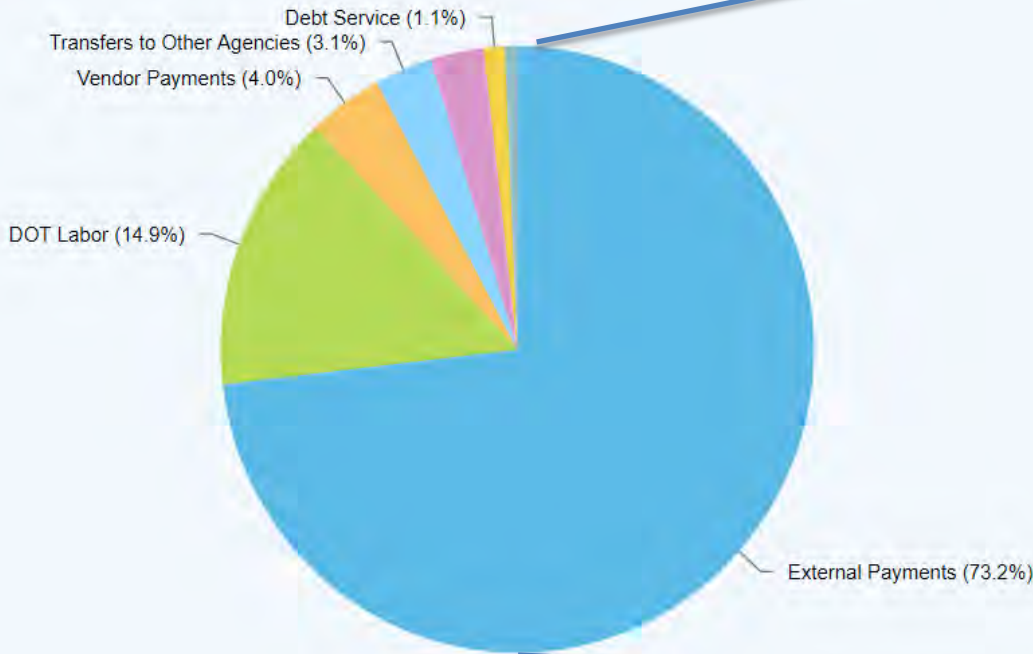
- Section 2.1 of Session Law 2019-251 requires DOT to report each month when the department's combined average daily cash balance for the month is outside of the statutory target range.
- For January 2021, the **average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$1.1 billion.
- The cash target amounts representing 15% and 20% of the total appropriations for the current fiscal year are \$535 million and \$713 million, respectively.
- The closing cash balance for January was \$1.3 billion which is above the target range and above the minimum cash balance requirement of \$267 million under G.S. 143C-6-11.

NCDOT Expenditures

SFY2021 as of January 31, 2021

NCDOT Expenditures (\$M)

- External Payments
- DOT Labor
- Vendor Payments
- Transfers to Other Agencies
- Miscellaneous Service Contracts
- Debt Service
- Equipment Purchases
- Not Assigned G/L Account (s)

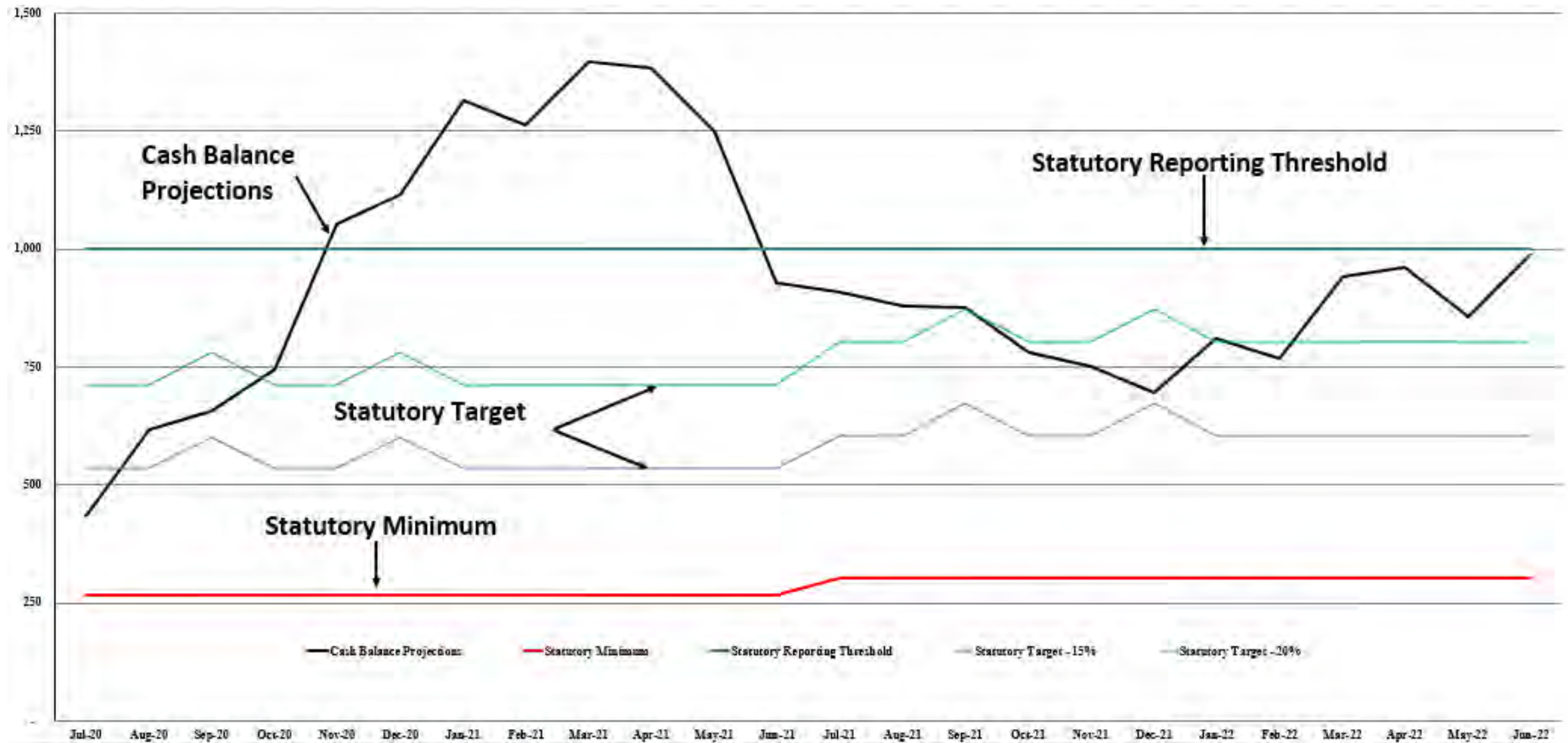


NCDOT External Payments (%)



- Material Purchases
- Powell Bill
- Prof Engineering & Consultant Contracts
- Right of Way Purchases
- Grants to Other Entities
- Construction Contracts

24 Month Forecast



Certified Budget vs HB77 - Highway Fund Appropriations

2020-21

	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	Credit Balance Legislation	FY20 Overdrafts Funded By FY21 Dollars	State Carry Forward	Federal Carry Forward	State Spend Plan	Federal Spend Plan	APPROVED 12/2 Total Spend Plan	Total Spent to Date	Difference \$	Difference %
									<i>*Includes Federal \$</i>			
DOT-General Administration	\$ 101,188,568			-	-	-	\$ 81,160,239		\$ 81,160,239	\$ 53,354,455	\$ (27,805,784)	-34%
Highway Division Administration	31,063,109			-	-	-	32,198,043		32,198,043	17,137,746	(15,060,297)	-47%
Total Admin	132,251,677	-	-	-	-	-	113,358,282	\$ -	\$ 113,358,282	\$ 70,492,201	\$ (42,866,081)	-38%
Construction Program												
State Secondary System	3,500,000		(3,551,188)	41,347	60,887,669	-	10,000,000		10,000,000	1,057,350	(8,942,650)	-89%
Spot Safety Improvements	12,100,000		-	684,489	32,831,835	-	30,000,000		30,000,000	2,902,694	(27,097,306)	-90%
Contingency Funds	12,000,000		(206,042)	1,993,993	40,834,385	-	30,000,000		30,000,000	1,539,986	(28,460,014)	-95%
Mobility Modernization	1,500,000		(805,685)	3,250,315	79,508,201	-	30,000,000		30,000,000	8,807,325	(21,192,675)	-71%
Total Construction Program	\$ 29,100,000		(4,562,915)	5,970,144	214,062,090	-	\$ 100,000,000		\$ 100,000,000	\$ 14,307,355	\$ (85,692,645)	-86%
Maintenance Program												
General Maintenance Reserve	518,162,344	43,731,212	(159,520)	92,864,148	57,863,938	-	535,000,000		535,000,000	241,121,530	(293,878,470)	-55%
Contract Resurfacing	558,674,899	(15,082,953)	(8,323,495)	51,200,639	264,861,435	-	475,000,000		475,000,000	158,627,496	(316,372,504)	-67%
Bridge Program	273,967,830	(8,152,492)	(50,771,568)	45,196,031	321,145,602	-	225,000,000		225,000,000	61,710,668	(163,289,332)	-73%
Bridge Preservation	69,899,551	(2,454,342)	(7,425,284)	39,979,697	26,489,476	-	60,000,000		60,000,000	28,588,588	(31,411,412)	-52%
Roadside Environmental	101,328,653	(3,020,761)	(5,921,160)	15,157,847	19,496,408	-	90,000,000		90,000,000	46,158,781	(43,841,219)	-49%
Pavement Preservation	85,358,348	(2,915,193)	(8,804,236)	10,645,386	80,811,830	-	75,000,000		75,000,000	28,666,452	(46,333,548)	-62%
Total Maintenance Program	\$ 1,607,391,625	\$ 12,105,471	(81,405,263)	255,043,747	770,668,688	-	\$ 1,460,000,000		\$ 1,460,000,000	\$ 564,873,516	\$ (895,126,484)	-61%
Ferry Operations	50,779,786	(1,367,724)		8,160,815	9,489,427	175,244	65,234,691		65,234,691	26,294,924	(38,939,767)	-60%
State Aid to Municipalities	137,079,699	(4,397,199)		-	461,641	-	132,682,500		132,682,500	132,618,463	(64,037)	0%
State Aid to Railroads	36,088,487	(1,190,144)	(269,822)	13,264	78,606,425	6,709,526	74,991,625	35,562,263	110,553,888	21,101,535	(89,452,353)	-81%
Integrated Mobility Division	18,012,655	(2,558,917)	(410,432)	2,816	74,661,763	80,634,929	55,940,177	166,347,641	222,287,818	37,432,026	(184,855,792)	-83%
Airports	132,164,576	(2,591,487)	(16,068,155)	6,076	155,566,183	33,413,351	199,084,810	45,000,000	244,084,810	121,936,113	(122,148,697)	-50%
Bike/Ped	761,549			5,824	1,079,342	7,975,429	761,549		761,549	289,334	(472,215)	-62%
OSHA Program	358,030			1,596	432,225	-	358,030		358,030	65,200	(292,830)	-82%
Governor's Highway Safety Program	267,914			-	399,293	35,489,001	267,914	13,532,086	13,800,000	8,095,528	(5,704,472)	-41%
Division of Motor Vehicles	142,738,242			-	-	-	135,000,000		135,000,000	66,827,340	(68,172,660)	-50%
Capital Improvements				2,350,945	36,126,405	-				3,195,640	3,195,640	
Performance Energy Debt				-	-	-				144,916	144,916	
Non-System Streets				-	-	-				1,209,990	1,209,990	
MCSAP/DMV Grants	2,161,172			-	2,463,601	18,746,340	2,161,172		2,161,172	(4,429,469)	(6,590,641)	-305%
Total Misc	520,412,110	(12,105,471)	(16,748,409)	10,541,336	359,286,306	183,143,820	666,482,468	260,441,990	926,924,458	414,781,539	(512,142,918)	-55%

Certified Budget vs HB77 - Highway Fund Appropriations

2020-21

Certified Budget vs HB77 - Highway Fund Appropriations 2020-21								APPROVED 12/2				
	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	Credit Balance Legislation	FY20 Overdrafts Funded By FY21 Dollars	State Carry Forward	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	Total Spent to Date	Difference \$	Difference %
Transfers to Other State Agencies												
Agriculture	5,539,856			-	-	-	5,539,856		5,539,856	4,271,625	(1,268,231)	-23%
Revenue	5,415,158			-	-	-	5,415,158		5,415,158	2,199,963	(3,215,195)	-59%
OSC-BEST	525,408			-	-	-	525,408		525,408	418,071	(107,337)	-20%
State Ports Authority	5,500,000			-	-	-	5,500,000		5,500,000	5,500,000	-	0%
State Ethics Commission	56,816			-	-	-	56,816		56,816	30,624	(26,192)	-46%
DHHS - Chemical Test	581,675			-	-	-	581,675		581,675	436,257	(145,418)	-25%
Total Transfers to Other State Agencies	\$ 17,618,913			-	-	-	\$ 17,618,913	\$ -	\$ 17,618,913	\$ 12,856,540	\$ (4,762,373)	-27%
Reserves												
Minority Contractor Development	150,000			-	150,000	-	150,000		150,000		(150,000)	
State Fire Protection Grant	158,000			-	-	-	158,000		158,000		(158,000)	
Stormwater Discharge Permit	500,000			-	2,334,427	-	500,000		500,000		(500,000)	
Global Transpark	750,000			-	-	-	750,000		750,000	647,125	(102,875)	
Admin Reduction	(581,441)			-	-	-	(581,441)		(581,441)		581,441	
Salary Adjustment Fund	832,422			-	-	-	832,422		832,422		(832,422)	
Reserve for Call Center Consolidations	556,074			-	-	-	556,074		556,074		(556,074)	
Reserve for Legislative Increase	11,034,210			-	-	-	11,034,210		11,034,210		(11,034,210)	
Reserve for State Health Plan	1,552,177			-	-	-	3,411,891		3,411,891		(3,411,891)	
Short Term Disability	171,184			-	-	-	171,184		171,184		(171,184)	
Employer's Contribution to Retirement	11,503,049			-	-	-	10,884,765		10,884,765		(10,884,765)	
Total Reserves	\$ 26,625,675			-	2,484,427	-	\$ 27,867,105	\$ -	\$ 27,867,105	\$ 34,998,075	\$ 7,130,970	26%
Total Current Operations	2,333,400,000			271,555,228	1,346,501,510	183,143,820	2,385,326,768	260,441,990	2,645,768,758	1,112,309,226	(1,533,459,532)	
Total Highway Fund Appropriation	\$ 2,333,400,000		\$ (102,716,587)	\$ 271,555,228	\$ 1,346,501,510	\$ 183,143,820	\$ 2,385,326,768	\$ 260,441,990	\$ 2,645,768,758	\$ 1,112,309,226	\$ (1,533,459,532)	

Certified Budget vs HB77 -Highway Trust Fund Appropriation
2020-21

			Credit									
	Certified 2021	SL 2019-251	Balance	FY20 Overdrafts	State	Federal	State	Federal	Total		Difference	Difference
	Budget	Section 1.3 (e)	Legislation	Funded By FY21 Dollars	Carry Forward	Carry Forward	Spend Plan	Spend Plan	Spend Plan		\$	%
Program Administration	\$ 35,626,560			-	-	-	\$ 35,626,560		\$ 35,626,560	\$ 19,391,812	\$ (16,234,748)	-46%
Bond Redemption	27,690,000			-	-	-	27,690,000		27,690,000	-	(27,690,000)	-100%
Bond Interest	29,134,500			-	-	-	29,134,500		29,134,500	6,835,275	(22,299,225)	-77%
Turnpike Authority	49,000,000			-	15,000,000	-	49,000,000		49,000,000	24,500,000	(24,500,000)	-50%
State Ports Authority	45,000,000			-	-	-	45,000,000		45,000,000	22,500,000	(22,500,000)	-50%
FHWA State Match	4,640,000			-	-	-	4,640,000		4,640,000	31,885,063	27,245,063	587%
Transfer to Visitor Center	400,000			-	-	-	400,000		400,000		(400,000)	-100%
Strategic Prioritization & Other Capital Programs	1,039,408,940		(51,260,348)	327,240,973	3,915,591,626	-	1,039,408,940	2,022,331,242	3,061,740,182	1,595,030,942	**** (1,466,709,240)	-48%
Total Trust Fund Appropriation	\$ 1,230,900,000		\$ (51,260,348)	\$ 327,240,973	\$ 3,930,591,626	\$ -	\$ 1,230,900,000	\$ 2,022,331,242	\$ 3,253,231,242	\$ 1,700,143,092	\$ (1,553,088,150)	
	\$ 3,564,300,000		\$ (153,976,935)	\$ 598,796,201	\$ 5,277,093,137	\$ 183,143,820	\$ 3,616,226,768	\$ 2,282,773,232	\$ 5,899,000,000	\$ 2,812,452,318	\$ (3,086,547,682)	

** Actuals for Secondary Construction from the Trust Fund are included*
*** Actuals for Railroad Program from the Highway Trust Fund are included*
*** Actuals for Capital Improvement from the Highway Trust Fund are included*
***** Capital Program includes both the Highway Trust Fund and FHWA Funds in the Highway Fund*

Approved Spend Plan Versus Adjusted Spend Plan

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	SFY 2021	Approved 12/2/20	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2021 Work Plan	Delta
OPENING CASH BALANCE	\$ 266	\$ 434	\$ 617	\$ 656	\$ 743	\$ 1,053	\$ 1,114	\$ 1,316	\$ 1,262	\$ 1,396	\$ 1,383	\$ 1,251			
REVENUES															
State revenues	\$ 409	\$ 329	\$ 349	\$ 324	\$ 305	\$ 335	\$ 321	\$ 332	\$ 326	\$ 341	\$ 334	\$ 324	\$ 4,029	\$ 3,947	82
Federal aid	68	131	116	81	90	100	48	134	204	88	84	58	1,201	1,201	0
Federal aid - InfraGrant	0	5	9	5	0	23	4	-	23	5	3	3	82	76	6
Turnpike Federal Aid	1	0	0	0	0	3	20	-	-	-	-	-	24	2	22
Other	11	15	29	16	12	24	8	41	17	19	17	17	226	274	(48)
	489	481	503	426	408	484	401	507	570	452	438	403	5,562	5,500	62
BOND PROCEEDS/GARVEE	3	40	26	23	55	29	8	16	16	20	22	29	288	\$ 295	(7)
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	-	-	-	200	43	40	36	30	33	38	35	599	574	25
TOTAL REVENUES & OTHER RECEIPTS	\$ 636	\$ 521	\$ 529	\$ 448	\$ 663	\$ 556	\$ 450	\$ 559	\$ 616	\$ 506	\$ 498	\$ 467	\$ 6,449	\$ 6,368	81
CONSTRUCTION EXPENDITURES															
Garvee Expenditures	(32)	(35)	(31)	(31)	(77)	(41)	(16)	(28)	(37)	(50)	(60)	(55)	(494)	\$ (476)	(18)
Garvee Debt Service	-	(24)	-	-	0	-	(0)	(128)	-	-	-	-	(152)	(152)	0
Division of Mitigation Services (Formerly EEP)	(0)	(5)	(0)	(0)	(2)	(0)	(2)	-	-	(4)	-	-	(14)	(36)	22
BUILDNC Expenditures	(19)	(21)	(25)	(27)	(52)	(47)	(38)	(30)	(34)	(39)	(38)	(42)	(414)	(401)	(12)
BUILDNC Debt Service	-	-	-	-	(7)	-	-	-	-	-	(48)	-	(54)	(48)	(7)
Stateqic Transportation Initiative	(126)	(76)	(85)	(117)	(64)	(85)	(57)	(49)	(50)	(54)	(56)	(63)	(883)	(943)	60
NC Mobility Fund	0	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	0	0	(0)
TIP	(76)	(95)	(78)	(54)	(6)	(59)	(64)	(108)	(86)	(87)	(94)	(102)	(908)	(929)	21
TIP - InfraGrant	(0)	(12)	(7)	(5)	(12)	(18)	(5)	(6)	(8)	(7)	(9)	(10)	(99)	(86)	(13)
Turnpike Authority	(1)	(1)	(0)	(1)	(1)	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(7)	(4)	(2)
Internal Orders	3	(1)	3	(5)	(6)	1	1	(1)	(1)	(1)	(1)	(1)	(9)	(8)	(1)
Congestion Mitigation & Air Quality (CMAQ)	(3)	(3)	(3)	(5)	(2)	(2)	(2)	(3)	(3)	(3)	(3)	(3)	(33)	(34)	2
Total Construction	\$ (254)	\$ (274)	\$ (226)	\$ (247)	\$ (229)	\$ (253)	\$ (183)	\$ (353)	\$ (219)	\$ (244)	\$ (308)	\$ (276)	\$ (3,065)	(3,117)	52

Approved Spend Plan Versus Adjusted Spend Plan

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	SFY 2021	Approved 12/2/20	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2021 Work Plan	Delta
MAINTENANCE EXPENDITURES															
Other Construction - Secondary Roads	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	(2)	(2)	(2)	(10)	(10)	0
Other Construction - Spot Safety Improvements	(1)	(0)	(1)	(0)	(0)	(0)	(0)	(6)	(5)	(5)	(5)	(6)	(30)	(30)	0
Other Construction - Contingency	(0)	0	(1)	(0)	(0)	(0)	(0)	(6)	(5)	(5)	(6)	(6)	(30)	(30)	0
Other Construction - Mobility/Modernization	(1)	(1)	(3)	(1)	(1)	(2)	(1)	(5)	(4)	(4)	(4)	(5)	(30)	(30)	0
General Maintenance Reserve	(30)	(27)	(30)	(31)	(17)	(23)	(37)	(34)	(38)	(35)	(40)	(49)	(391)	(391)	0
Contract Resurfacing	(35)	(29)	(23)	(21)	(21)	(20)	(9)	(20)	(30)	(71)	(99)	(97)	(475)	(475)	0
Roadside Environmental	(7)	(7)	(7)	(7)	(7)	(7)	(5)	(8)	(9)	(8)	(9)	(11)	(90)	(90)	0
Pavement Preservation	(8)	(4)	(6)	(4)	(4)	(2)	(1)	(8)	(9)	(8)	(9)	(12)	(75)	(75)	0
Bridge Program	(12)	(10)	(9)	(7)	(8)	(11)	(5)	(29)	(32)	(29)	(33)	(41)	(225)	(225)	0
Bridge Preservation	(6)	(4)	(5)	(6)	(3)	(2)	(2)	(5)	(6)	(6)	(6)	(8)	(60)	(60)	0
Undeclared Disasters including Snow & Ice	-	-	-	(1)	(5)	(8)	(4)	(13)	(15)	(14)	(16)	(19)	(94)	(94)	0
Disaster Funding - FEMA	(2)	(5)	(3)	(5)	(6)	(5)	(4)	(4)	(4)	(4)	(4)	(5)	(50)	(50)	0
Total Maintenance	\$ (103)	\$ (86)	\$ (88)	\$ (83)	\$ (73)	\$ (79)	\$ (68)	\$ (140)	\$ (157)	\$ (189)	\$ (233)	\$ (261)	\$ (1,560)	(1,560)	0
OTHER MODES															
Public Transportation	\$ (9)	\$ (5)	\$ (4)	\$ (4)	\$ (6)	\$ (4)	\$ (5)	\$ (16)	\$ (20)	\$ (24)	\$ (20)	\$ (68)	\$ (186)	\$ (186)	(0)
Public Transportation-New Starts	-	-	-	-	-	-	-	(37)	-	-	-	-	(37)	(37)	0
Ferry Operations	(3)	(5)	(3)	(5)	(3)	(3)	(3)	(5)	(5)	(5)	(5)	(19)	(65)	(65)	0
Railroad program	(5)	(3)	(2)	(2)	(2)	(4)	(3)	(9)	(9)	(9)	(8)	(55)	(111)	(111)	0
Airports	(17)	(19)	(33)	(22)	(6)	(20)	(4)	(6)	(27)	(14)	(15)	(60)	(244)	(244)	0
Total Other Modes	\$ (34)	\$ (32)	\$ (42)	\$ (34)	\$ (17)	\$ (32)	\$ (14)	\$ (74)	\$ (62)	\$ (51)	\$ (49)	\$ (203)	\$ (643)	(643)	1
OTHER EXPENDITURES															
Administration	\$ (18)	\$ (23)	\$ (22)	\$ (26)	\$ (24)	\$ (22)	\$ (21)	\$ (33)	\$ (27)	\$ (33)	\$ (27)	\$ (32)	\$ (309)	\$ (310)	1
Transfers to Other State Agencies	(2)	(0)	(17)	(2)	(0)	(12)	(2)	-	(16)	-	-	(16)	(67)	(69)	1
Transfers to General Fund/NCTA/ER Fund	-	(12)	-	-	(12)	-	-	(12)	-	-	(12)	-	(49)	(49)	0
State aid to municipalities	-	-	(66)	-	(1)	(66)	-	-	-	-	-	-	(133)	(132)	(1)
Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Other Programs	(1)	(3)	(2)	(2)	(3)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(20)	(19)	(1)
Total Other Expenditures	\$ (21)	\$ (38)	\$ (107)	\$ (30)	\$ (40)	\$ (102)	\$ (25)	\$ (47)	\$ (44)	\$ (34)	\$ (41)	\$ (50)	\$ (578)	(579)	1
TOTAL EXPENDITURES	\$ (412)	\$ (430)	\$ (462)	\$ (394)	\$ (359)	\$ (465)	\$ (290)	\$ (613)	\$ (482)	\$ (519)	\$ (630)	\$ (789)	\$ (5,846)	\$ (5,899)	53
OTHER CHANGES IN CASH															
Working capital changes	\$ (55)	\$ 92	\$ (28)	\$ 32	\$ 6	\$ (29)	\$ 42	\$ -	\$ -	\$ -	\$ -	\$ -			
	\$ (55)	\$ 92	\$ (28)	\$ 32	\$ 6	\$ (29)	\$ 42	\$ -	\$ -	\$ -	\$ -	\$ -			
NET CHANGE IN CASH	\$ 168	\$ 183	\$ 39	\$ 87	\$ 310	\$ 61	\$ 201	\$ (54)	\$ 134	\$ (13)	\$ (132)	\$ (322)			
CLOSING CASH BALANCE	\$ 434	\$ 617	\$ 656	\$ 743	\$ 1,053	\$ 1,114	\$ 1,316	\$ 1,262	\$ 1,396	\$ 1,383	\$ 1,251	\$ 929			

Approved Spend Plan Versus Actuals July 2020 – January 2021

Source: FPG/Baseline Forecast/Cash Model SFY2021_Spend Plan Amendment

	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	2nd Qtr	Jan-21	YTD	1st Qtr	2nd Qtr	Jan-21	YTD	YTD	YTD
	SFY2021	SFY2021	7	SFY2021	SFY2021	SFY2021	7	SFY2021	SFY2021	SFY2021
OPENING CASH BALANCE	\$ 266	\$ 656	\$ 791		\$ 266	\$ 656	\$1,114			
REVENUES										
State revenues	\$ 1,087	\$ 944	\$ 336	2,367	\$ 1,087	\$ 965	\$ 321	\$ 2,372	0%	\$ 5
Federal aid	315	216	69	600	315	270	48	633	6%	34
Federal aid - InfraGrant	15	24	3	42	15	28	4	48	14%	6
Turnpike Federal Aid	2	0	-	2	2	3	20	24	1323%	22
Other	55	49	58	162	55	52	8	114	-29%	(48)
	1,473	1,233	466	3,172	1,473	1,317	401	3,192	1%	20
GARVEE REIMBURSEMENT FROM TRUSTEE	69	104	17	190	69	107	8	183	-3%	(7)
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	218	36	399	144	243	40	427	7%	28
TOTAL REVENUES & OTHER RECEIPTS	\$ 1,686	\$ 1,555	\$ 520	\$ 3,761	\$ 1,686	\$ 1,667	\$ 450	\$ 3,802	1%	\$ 42
CONSTRUCTION EXPENDITURES										
Garvee Expenditures	(99)	(116)	(30)	(245)	(99)	(149)	(16)	(264)	8%	(19)
Garvee Debt Service	(24)	-	-	(24)	(24)	0	(0)	(24)	0%	-
Division of Mitigation Services (Formerly EEP)	(6)	(6)	-	(12)	(6)	(2)	(2)	(10)	-16%	2
BUILDNC Expenditures	(65)	(112)	(36)	(212)	(64)	(127)	(38)	(229)	8%	(17)
BUILDNC Debt Service	-	-	-	-	-	(7)	-	(7)		(7)
Strategic Transportation Initiative	(352)	(280)	(55)	(687)	(288)	(266)	(57)	(611)	-11%	76
NC Mobility Fund	0	(0)	-	0	0	(0)	(0)	0	0%	(0)
TIP	(184)	(212)	(59)	(455)	(249)	(119)	(64)	(432)	-5%	23
TIP - Infragrant	(19)	(17)	(9)	(45)	(19)	(36)	(5)	(60)	34%	(15)
Turnpike Authority	(2)	(1)	(0)	(4)	(2)	(3)	(1)	(6)	65%	(2)
Internal Orders	5	(7)	(1)	(3)	5	(11)	1	(4)	21%	(1)
CMAQ	(9)	(10)	(3)	(22)	(9)	(10)	(2)	(20)	-8%	2
Total Construction	\$ (754)	\$ (761)	\$ (193)	\$ (1,708)	\$ (754)	\$ (729)	\$ (183)	\$ (1,665)	-2%	\$ 43

Approved Spend Plan Versus Actuals July – December 2020

Source: FPG/Baseline Forecast/Cash Model SFY2021_Spend Plan Amendment	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	2nd Qtr	Jan-21	YTD	1st Qtr	2nd Qtr	Jan-21	YTD	YTD	YTD
	SFY2021	SFY2021	7	SFY2021	SFY2021	SFY2021	7	SFY2021	SFY2021	SFY2021
MAINTENANCE EXPENDITURES										
Other Construction - Secondary Roads	(1)	(3)	(1)	(4)	(1)	(0)	(0)	(1)	-70%	\$ 3
Other Construction - Spot Safety Improvements	(2)	(8)	(2)	(12)	(2)	(1)	(0)	(3)	-75%	\$ 9
Other Construction - Contingency	(1)	(8)	(2)	(11)	(1)	(1)	(0)	(2)	-86%	\$ 9
Other Construction - Mobility/Modernization	(5)	(7)	(2)	(14)	(5)	(3)	(1)	(9)	-37%	\$ 5
General Maintenance Reserve	(87)	(93)	(37)	(216)	(87)	(71)	(37)	(195)	-10%	\$ 21
Contract Resurfacing	(87)	(124)	(23)	(235)	(87)	(62)	(9)	(159)	-32%	\$ 76
Roadside Environmental	(21)	(21)	(8)	(50)	(21)	(21)	(5)	(46)	-7%	\$ 4
Pavement Preservation	(18)	(16)	(7)	(41)	(18)	(10)	(1)	(29)	-30%	\$ 12
Bridge Program	(31)	(49)	(25)	(104)	(31)	(26)	(5)	(62)	-41%	\$ 43
Bridge Preservation	(15)	(14)	(5)	(35)	(15)	(11)	(2)	(29)	-18%	\$ 6
Undeclared Disaster Funding Including Snow and Ice	-	(21)	(13)	(33)	-	(13)	(4)	(17)	-49%	\$ 16
Disaster Funding - FEMA	(10)	(13)	(5)	(27)	(10)	(15)	(4)	(29)	7%	(2)
Total Maintenance	\$ (277)	\$ (374)	\$ (130)	\$ (781)	\$ (277)	\$ (235)	\$ (68)	\$ (579)	-26%	\$ 202
OTHER MODES										
Public Transportation	(18)	(50)	(9)	(76)	(18)	(14)	(5)	(37)	-51%	\$ 39
Public Transportation - New Starts	-	(1)	(15)	(16)	-	0	0	0	-100%	\$ 16
Ferry Operations	(11)	(19)	(6)	(36)	(11)	(12)	(3)	(26)	-28%	10
Railroad program	(10)	(19)	(9)	(38)	(10)	(8)	(3)	(21)	-45%	17
Airports	(69)	(56)	(14)	(139)	(69)	(48)	(4)	(121)	-13%	18
Total Other Modes	\$ (108)	\$ (145)	\$ (53)	\$ (306)	\$ (108)	\$ (83)	\$ (14)	\$ (205)	-33%	\$ 101
OTHER EXPENDITURES										
Administration	(63)	(71)	(24)	(158)	(63)	(73)	(21)	(157)	-1%	\$ 1
Transfers to Other State Agencies	(19)	(18)	-	(37)	(19)	(14)	(2)	(36)	-3%	1
Transfers to General Fund/NCTA - GAP Funds	(12)	(12)	-	(25)	(12)	(12)	-	(25)	0%	-
State aid to municipalities	(66)	(66)	-	(132)	(66)	(67)	0	(133)	0%	(1)
Debt Service	-	-	-	-	-	-	-	-	-	-
Other Programs	(6)	(5)	(1)	(12)	(6)	(5)	(1)	(13)	9%	(1)
Total Other Expenditures	\$ (166)	\$ (173)	\$ (25)	\$ (363)	\$ (166)	\$ (172)	\$ (25)	\$ (363)	0%	\$ 1
TOTAL EXPENDITURES	\$ (1,305)	\$ (1,453)	\$ (400)	\$ (3,158)	\$ (1,305)	\$ (1,218)	\$ (290)	\$ (2,812)	-11%	\$ 346
OTHER CHANGES IN CASH										
Working capital changes	\$ 9	\$ 32	\$ -	\$ 42	\$ 9	\$ 9	\$ 42	\$ 60	44%	18
	\$ -	\$ -	\$ -	\$ -	\$ 9	\$ 9	\$ 42	\$ 60		
NET CHANGE IN CASH	\$ 390	\$ 135	\$ 120	\$ 644	\$ 390	\$ 458	\$ 201	\$ 1,050	63%	\$ 406
CLOSING CASH BALANCE	656	791	910		656	1,114	1,316			

Spend Plan Variance

- GARVEE Expenditures, Build NC Expenditures, TIP and STI -4% Variance (-\$64M). Project lettings were delayed during budget restrictions.
- Contract Resurfacing -32% Variance (-\$76M). Have developed aggressive letting schedules for new contracts through fall and spring. Will provide over \$500M in new contractual opportunities and increase monthly expenditures during late SFY 2021 and through SFY 2022. Fall contract lettings will be available March 1, 2021 and spring contract lettings will be available July 1, 2021.
- Bridge Program -41% (-\$43M). As cash has improved have developed aggressive letting schedules for spring and fall 2021. Will provide over \$400M in new contracts and increase monthly expenditures during late SFY 2021 and through SFY 2022.
- Undeclared Disasters -49% (-\$16M). Snow and ice response is the primary driver of expenditures. Ideal scenario would be to experience actuals below established targets for the fiscal year. This would allow a potential redistribution of un-used spending authority for other maintenance needs across the state.

Spend Plan Variance

- Integrated Mobility Division -51% (-\$39M)
 - Due to initial spending restrictions, FY21 FTA Grants that involved state match were delayed. Agreements have now been released and transit agencies are beginning to draw down funds. Many involve bus procurement and/or facility construction and anticipate an additional acceleration of spending through the remainder of the state fiscal year
 - Claims of over \$37M for the CATS Blue Line have been paid in February.
 - Partnering with SAS to develop a cash spend modeling tool which considers the obligation and spending trends of all grantees.
- Ferry Operations -28% (-\$10M)
 - Due to cash spend limitations implemented during 2020 there were extended service reductions, and high-cost maintenance items and vacancy postings were delayed.
 - Requested a reduction in spend plan for SFY 21 that reflects the reduced schedule run during COVID, delays in construction and the related payments, and a deliberative slowing of spending during cash restrictions.

Spend Plan Variance

- Railroad Program -45% Variance (-\$17M)
 - Due to previous spending restrictions, federal project approvals were delayed for first half of SFY 2021 and represent 81% of the variance. Projects are proceeding now based on Federal or local project development timelines. Expect expenditures to increase in third quarter of SFY 2021.
 - Many rail projects, including the Freight Rail and Rail Crossing Safety Improvement (FRRCSI) program, were previously on hold and are now being advanced. A FRRCSI solicitation is now available to railroads for additional projects to support rail freight growth. These are anticipated to be awarded by May.
- Aviation -13% (-\$18M)
 - Due to initial financial constraints, new grants and additional funds for projects were delayed, and construction projects were pushed from Fall 2020 to Spring 2021.
 - Expect expenditures to increase during the construction season and actively working with all vendors to get invoices submitted for timely payment.



NORTH CAROLINA

Department of Transportation



Advance Construction

Stephanie King, Chief Financial Officer

Van Argabright, Director, Division of Planning & Programming

March 3, 2021

Traditional Financing

- Prior to the late 1980's States would Authorize projects and obligate all funding at once
 - Uses full Obligation Authority and Budget Authority

- Example:
\$10M Federal Construction Authorization/Obligation
 - \$8M (80%) in Federal Funds obligated immediately
 - Entire \$8M deducted from DOT's OA and BA balance
 - Limits overall amount of projects we can move forward with
 - \$2M (20%) remaining covered with State Match
 - This is the same for traditional and AC

Advance Construction (AC)

➤ Definition:

- An authorization technique that allows FHWA to authorize a project without obligating those billable federal funds. FHWA approves a project as being eligible for federal funding but does not commit to reimbursing the agency for the project.

➤ Advantage:

- Maintains eligibility for future reimbursement without a commitment of current BA and OA

➤ Effective use of AC requires:

- Availability of state funds to pay project cost until reimbursement
- A stable federal program that we monitor very closely

Advance Construction (AC)

- Obligate funding over several years rather than at the beginning of a project

- Allows for better management of OA and BA

- Example:

\$10M Federal Construction Authorization

- \$8M (80%) in Federal Funds authorized but not fully obligated until expenditures accrue
 - Convert and Obligate \$2M in year 2
 - Convert and Obligate \$4M in year 3
 - Convert and Obligate \$2M in year 4
 - Frees up OA and BA for use on other projects each year
- \$2M (20%) remaining covered with State Match
 - This is the same for traditional and AC

Grant Anticipated Revenue Vehicles (GARVEE) Bonds

- Specific type of AC with partial conversions over life of bonds (currently 15 years)
 - The portion of eligible expenses that equal the bond payment is converted to allow for payment
- Total bond principal of outstanding GARVEE bond debt included in NCDOT's AC Balance
- Bill FHWA for principal and interest
- Debt service is paid to Trustee for the debt service.

Advance Construction Work Group

- Formed a work group in September to look at Advance Construction and make any needed recommendations
- Formulated a Draft Advance Construction Policy that includes oversight
- Partnered with DOT Communication to inform the public about the program
 - Webpage link: <https://www.ncdot.gov/about-us/how-we-operate/finance-budget/Pages/advance-construction.aspx>
 - Questions & Answers
 - Tables that contain information on the use of Advance Construction
 - Advance Construction Policy
 - Link to Additional Information

SL2020-91 required DOT to submit a report to the General Assembly about the use of Advance Construction at DOT.

AC Workgroup Update

AC Control Strategy

- Two types of AC will be considered separately:
 - GARVEE: NC General Assembly has statutory limits. Workgroup proposes no additional tests.
 - Non-GARVEE AC: Workgroup proposes tests to ensure AC usage is monitored and used prudently. Federal funding needed for GARVEE payments will be subtracted prior to performing tests.

Existing Constraints for GARVEE AC

- First Constraint: the greater of the two following tests
 - Outstanding principal cannot exceed authorized federal funds in the prior federal fiscal year (FFY)
 - Maximum annual principal and interest does not exceed 20% of expected average annual federal revenue shown for the seven-year period in the most recently adopted STIP
- Second Constraint: The amount of revenues for the FFY of issuance and previous FFY shall be at least 300 percent of the maximum annual payments for all bonds.

Proposed Tests for non-GARVEE AC

- First Test: Limit AC (by funding source) to 4 years of anticipated federal apportionments
- Second Test: Limit amount of unreimbursed state funds (by funding source) on AC line to 1 year of anticipated federal apportionment

National Highway Performance Program (NHPP) Example

➤ First Test

- FFY 2021 Apportionment = \$617M
- Amount of NHPP needed for GARVEE payment = \$132M
- Net FFY 2021 NHPP apportionment = \$617M - \$132M = \$485M
- Limit on NHPP AC = \$485M times 4 = \$1,940M
- Current NHPP AC* = \$1,709M
- \$1,709M is under the 4-year limit of \$1,904M and thus we pass first test

*available on AC Dashboard – includes IM and NHS

National Highway Performance Program (NHPP) Example

➤ Second Test

- Net FFY 2021 NHPP apportionment = \$485M
- Current amount of unreimbursed NHPP AC expenditures* = \$457M
- Since \$457M < \$485M, passes second test

*available on AC Dashboard – includes IM and NHS

Proposed Plan & Reporting

- Each September (before the next FFY), analysis will be completed on:
 - Current AC funding levels
 - Expected AC conversion for next 2 FFY's
 - Expected new AC funding for next 2 FFY's
- Report of analysis and plan presented to FPC yearly

Questions?





North Carolina Department of Transportation
Materials and Tests Unit – Product Evaluation Program
Innovative Technologies and Products Awareness Report
March 3rd, 2021



PRODUCT HIGHLIGHT – E-BOND 1240/1241 Marker Adhesive



Traffic Delineators placed with E-BOND 1240/1241 Epoxy (top), and Raised Pavement Markers placed with E-BOND 1240/1241 Epoxy (bottom) – images from E-BOND website

The E-BOND 1240/1241 Standard Set Marker Adhesive Epoxy is manufactured by E-BOND Epoxies, Inc. out of Fort Lauderdale, Florida. It is currently listed as under evaluation on the Approved Products List (APL) as NP20-8681. The E-BOND Standard Set Marker Adhesive Epoxy is a 100% solids, solvent-free, zero VOC, two-part epoxy structural adhesive. It is primarily designed for placement of raised and recessed traffic markers and traffic delineators. The product may be mixed by hand or used with automatic mixing/metering equipment for rapid placement of markers on highway surfaces. E-BOND 1240/1241 Epoxy has a minimum bond time with pavement of 90 minutes, and a minimum placement temperature of 50 degrees. For more information, please visit: <http://www.ebondepoxies.com/>

PRODUCT INNOVATION – CASS® S3 M10 TL-3 and TL-4



CASS® S3 M10 TL-3 and TL-4 median cable barrier system installed along a highway median - image from Trinity website

The CASS® S3 M10 TL-3 and TL-4 median cable barrier system is manufactured by Trinity Highway Products, LLC out of Dallas, Texas. It is currently listed as under evaluation on the APL as NP20-8671. The CASS® S3 M10 system redirects vehicles that would otherwise cross the roadway median. The post employs a wave-shaped slot, which works in tandem with a strategically positioned, widened cable spread designed to help restrain various types of vehicles that impact it. The system consists of four ¾ inch steel cables and steel posts spaced 10.5 feet apart that can be used with various anchoring systems. The CASS® S3 M10 median cable barrier system is MASH 2009 TL-3 and TL-4 crash test compliant (2009 Manual for Assessing Safety Hardware). For more information, please visit: <https://trinityhighway.com/product/cass-s3-m10/>



NORTH CAROLINA

Department of Transportation



NCDOT/DHHS Partnership on Vaccine Transportation

Julie White
Deputy Secretary of Multimodal Transportation

March 4, 2021

“ Every North Carolinian has a spot and needs to get their shot. As vaccine supply increases, we are deploying every resource to make sure people have access and are not held back by barriers like lack of transportation. ”

Gov. Roy Cooper

Many Partners Contributed in Early Brainstorming Sessions

Working together – early brainstorming sessions helped to identify what was happening nationwide and to develop NC's response



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**
Office of Communications



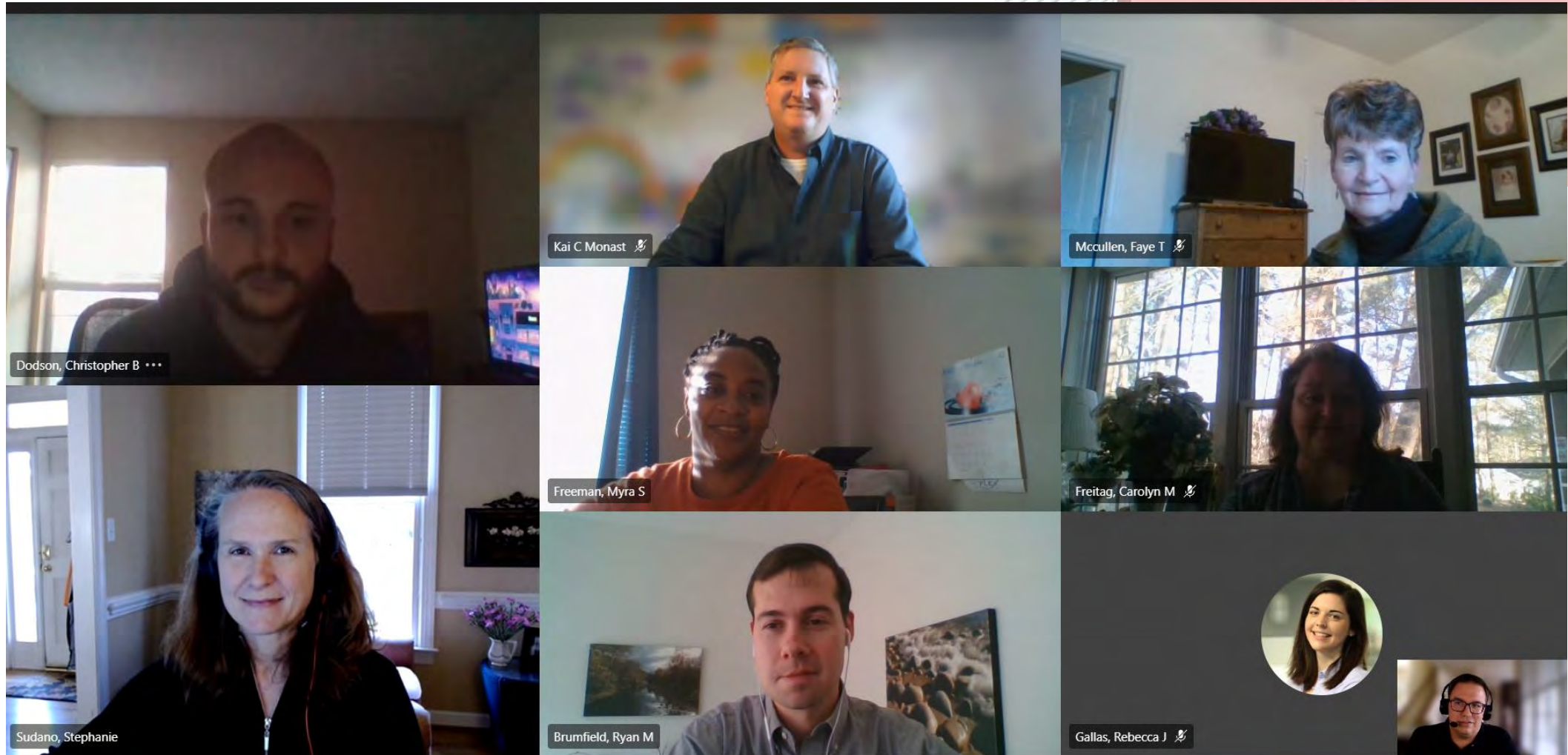
Route**match**



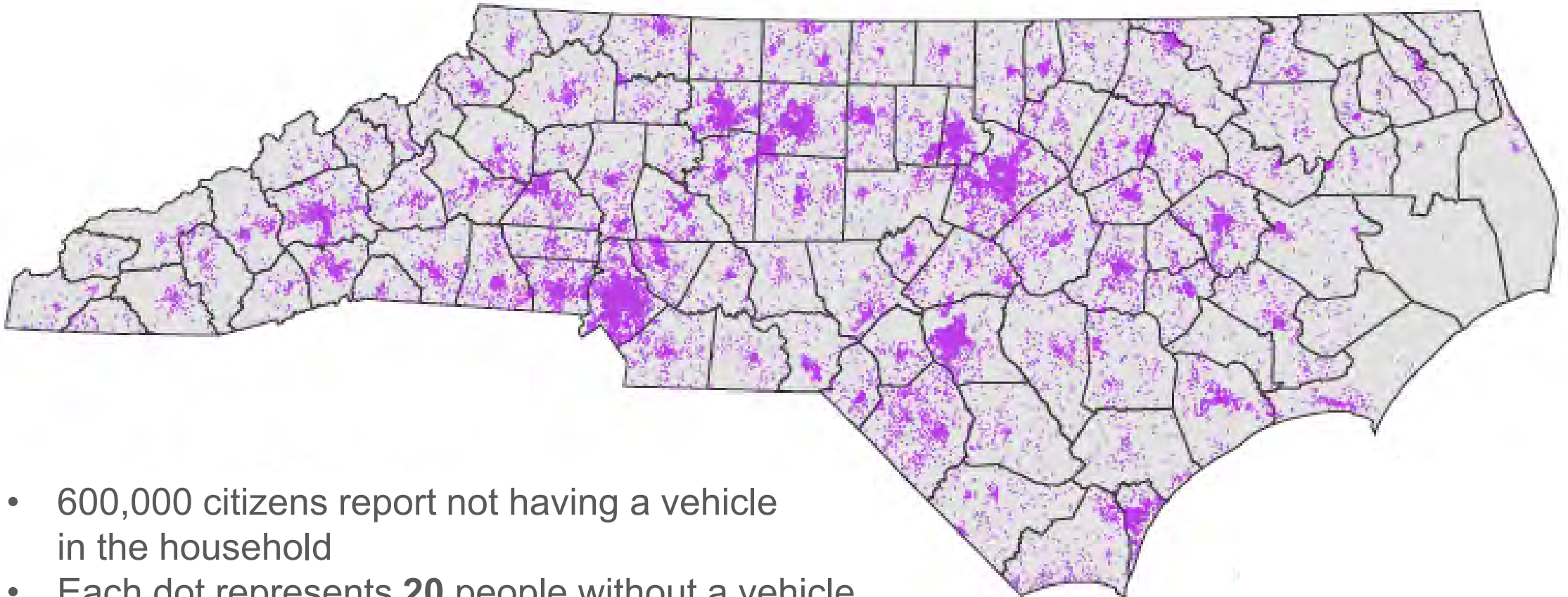
Daily Meetings

9 AM

FW: Public Transit to Vaccines
Microsoft Teams Meeting
juliewhite@ncdot.gov



Estimated People Requiring Assistance Accessing Vaccine Sites – 18 Years and Older



- 600,000 citizens report not having a vehicle in the household
- Each dot represents **20** people without a vehicle
- Every county in NC impacted



NCDOT-IMD - Transportation to Vaccine Survey

NCDOT-IMD, in collaboration with NCDHHS, are currently collaborating on a plan to assist local transit agencies in providing rides to COVID-19 vaccinations. To assist in this effort, we have put together the a survey and would appreciate your immediate attention in filling it out. We need this back by close of business Wednesday (01/13/2021). It will help us in developing guidance and options that we will share with you.

In the interim, we wanted to also make sure that you have seen the December 29th, 2020 FTA posting of a new Frequently Asked Question (CE18) regarding eligibility of transportation services to COVID-19 vaccination sites on its website that covers the Coronavirus Aid, Relief, and Economic Security (CARES) Act and ER funding requirements. Key to the new guidance is the following statement:

CARES Act and Coronavirus Response and Relief Supplemental Appropriations Act, 2021 Funds:
CARES Act and Coronavirus Response and Relief Supplemental Appropriations Act, 2021 funding may be used to cover operating expenses for any public transportation service to COVID-19 vaccination sites at a 100-percent federal share.

For your reference in completing the survey, the following is NC's planned phased approach for vaccination roll out.

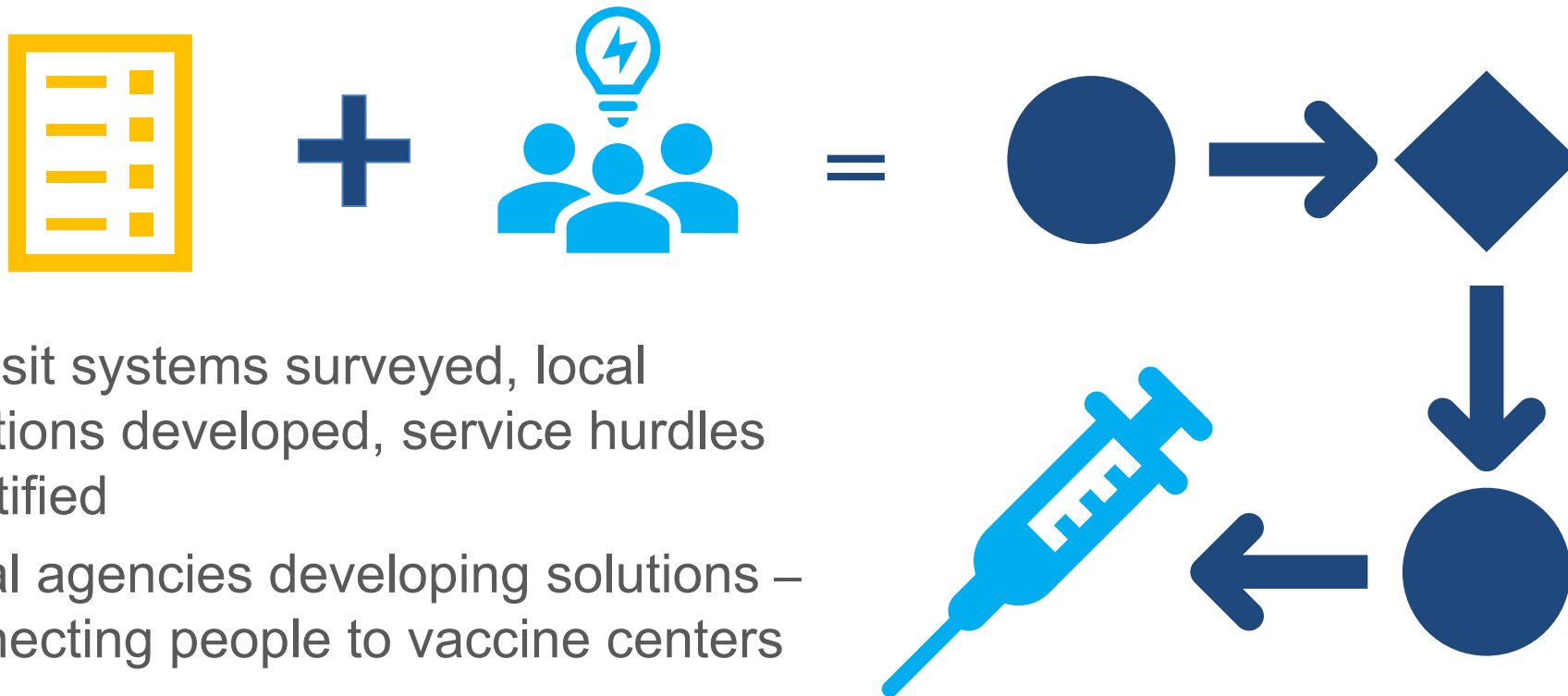
If you have any questions, please contact your Planner.

Surveyed All 98 Transit Systems to Determine Needs

The screenshot shows a digital survey form with the following fields and questions:

- Transit System Name ***: A dropdown menu with "Select" as the placeholder.
- Primary Contact Name ***: A text input field.
- Primary Contact Phone Number ***: A text input field.
- Primary Contact Email ***: A text input field.
- Choose the options below that best describe your coordination efforts related to transportation to vaccine sites with your local health department or other vaccine providers. ***: A dropdown menu with "Select" as the placeholder.
- Do you know where the vaccine sites are in your service area?**: A dropdown menu with "Select" as the placeholder.
- What are the methods used by your system to schedule trips? ***: A dropdown menu with "Select" as the placeholder.
- What is the minimum advance notice required for a client to schedule transportation to a vaccine site? ***: A dropdown menu with "Select" as the placeholder.
- What needs do you have to provide transportation service to vaccine sites? ***: A text input field with the placeholder text "Phases (Communications, Funding, Technology, staffing, etc.)".

Providing Funding and Ideas to Local Transit Agencies



- Transit systems surveyed, local solutions developed, service hurdles identified
- Local agencies developing solutions – connecting people to vaccine centers

NC DHHS Corona Virus Relief Funding



Connecting rural and vulnerable citizens to COVID-19 vaccinations

- Collaboration between NCDOT (service) and NCDHHS (funding)
- Key components:
 - Funding for trips
 - Solutions to assist with capacity and technology needs
 - Communication
- Funding formula – 50% equally distributed to all counties, 50% distributed based on county's percentage of elderly population



\$2.5M
Corona Virus
Relief Fund

Helping Local Transit Agencies to Succeed

Understanding
problems,
developing solutions

Website

Weekly
Email

RFI for
technology
solutions

Monthly Calls

Funding
Eligibility

Funding
Dollars

Communicate
"Who and how"

Best Practices
Written guidance &
What others are doing

Transit System	New \$2.5M Disbursement Amounts
Total	\$2,500,000.00
Alamance County Transportation Authority	\$33,119.00
Alamance County Regional Health Services (CPTA)	\$87,112.00
Albemarle Regional Health Services (CPTA)	\$14,506.00
Allegany County	\$47,125.00
Ashe County	\$18,906.00
Ashe County Transportation Authority, Inc.	\$12,540.00
Avery County Transportation Authority	\$15,259.00
Beaufort County Developmental Center, Inc.	\$13,578.00
Bladen County (BARTS)	\$0.00
Bladen County (BARTS)	\$38,032.00
Brunswick Transit System, Inc.	\$50,681.00
Brunswick Transit System, Inc.	\$37,914.00
Buncombe County	\$41,293.00
Cabarrus County	\$25,186.00
Cape Fear Public Transportation Authority - WAVE Transit	\$0.00
Carteret County	\$24,926.00
Casswell County	\$18,274.00
Chatham Transit Network	\$0.00
Cherokee County	\$91,409.00
Cherokee County (CPTA)	\$14,771.00
Cherokee Public Transportation Authority (CPTA)	\$12,636.00
City of Wilson	\$0.00
Clay County	\$50,475.00
Cleveland County (Transporation Administration of Cleveland County, Inc.)	\$44,561.00
Columbus County	\$18,065.00
Craven County (CARTS)	\$35,145.00
Cumberland County	\$21,899.00
Dare County	\$12,376.00
Davidson County	\$39,394.00
Duplin County	\$18,122.00
Eastern Band of Cherokee Indians	\$41,460.00
Gaston County	\$28,103.00
Gates County	\$30,091.00
Go. Durham/Durham County	\$8,967.00
Go. Durham/Durham County Transportation Authority	\$73,318.00
Goldston-Wayne Transportation Authority	\$25,100.00
Graham County	\$16,393.00
Graham County	\$0.00
Guilford County	
Harnett County	
Hoke County	
Hoke County / Transil County	

Section I (1) Object of Expenditure
1 A. Salaries
2 B. Fringe Benefits
3 C. Staff Development
4 D. Travel
5 E. Equipment Purch. - Tangible Prop.
6 F. Transportation - Recipient
7 G. Medical Supplies
8 H. Cost of Space
9 I. Room and Board-Residential Treatment
10 J. Service Payments
11 K. Other Expenses (list individual items)
12 Handouts, folders, binders, training supplies
13 Site Rental
14
15
16
17
18
19
20
21
22
23
24
25

Good Morning Transit Partners,
Thank you for your continued partnership in ensuring all North Carolinians have access and transportation to vaccines. To share our successes and streamline communications, NCDOT will be sending out a weekly email to all transit agencies and partners, with this email being the first in the series.

Weekly Wins*

*Data from Weekly Data survey through Tuesday, February 2

Since the beginning of the T2V efforts, **16 Transit Systems** have provided **92 rides** and traveled **1,350 miles** to provide transportation to vaccinations

- 3 Systems are transporting Nurses and Paramedics to Homebound persons
- 1 Dedicated Vehicle

Weekly Data and Claims Reminder

Transit Systems, please remember to submit your weekly data survey by end of day on Tuesdays. The requested information helps our team understand resource and funding needs and communicate those needs and our successes.

<https://app.smartsheet.com/b/form/f60074eadd0a4463b85e38dc5724a9a2>
Future weekly digests will feature Transit System success stories and updates on the statewide transportation to vaccines data, from the weekly data survey. Please be updating your data and sharing wins so we can include in future digests.

Communications and Events- Week of 2/1

Please see below for a summary of communications and events from the week of 2/1/2021:

Subject	Date	Notes
Guidance and DHHS Funding Amounts (email)	Weds 2/3	Link to comm
Monthly Transit System Meeting (event)	Weds 2/3	
DHHS CARES Funding Distributed (event)	Thurs 2/4	

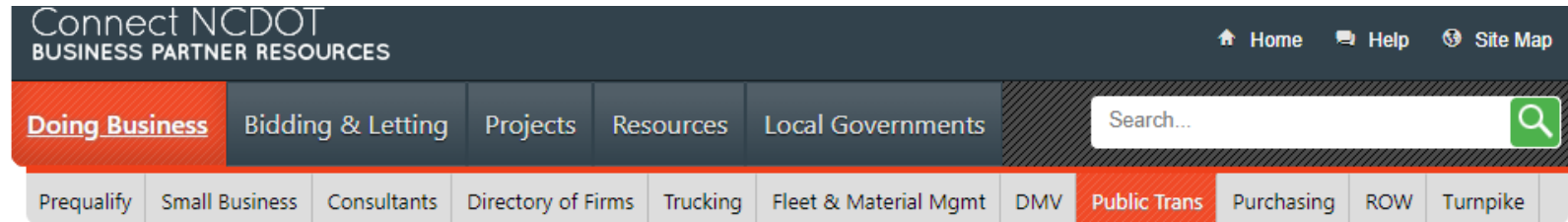
Upcoming Communications and Events

Please see below for a upcoming communications and events:

Subject
DHHS Funding Request
Supplies

Created a Website to house all Vaccine Partnership Information

<https://connect.ncdot.gov/business/Transit/Pages/Transportation-COVID-19-Vaccine-Sites.aspx>



Transportation to COVID-19 Vaccine Sites

Transportation to COVID-19 Vaccine Sites

Connect NCDOT > Doing Business > Public Trans > Transportation to COVID-19 Vaccine Sites

Transportation to COVID-19 Vaccine Dashboard

*Need to find a ride to your shot?

- 1) Review the Transit System Map below to find your local transit providers;
- 2) Call or visit the website of your transit system to find information on available transportation in your area.

NCDOT-IMD, in collaboration with NCDHHS, are currently collaborating on a plan to assist local transit agencies in providing rides to COVID-19 vaccinations.

On December 29th, 2020 the FTA posted a new **Frequently Asked Question** (CE18) regarding

1894

Documents

[Best Practices & Funding Information for Local Transit Agencies](#)



[COVID-19 Vaccine Ride Assistance Initiative Overview for Transit Agencies and Vaccine Providers](#)



Communications

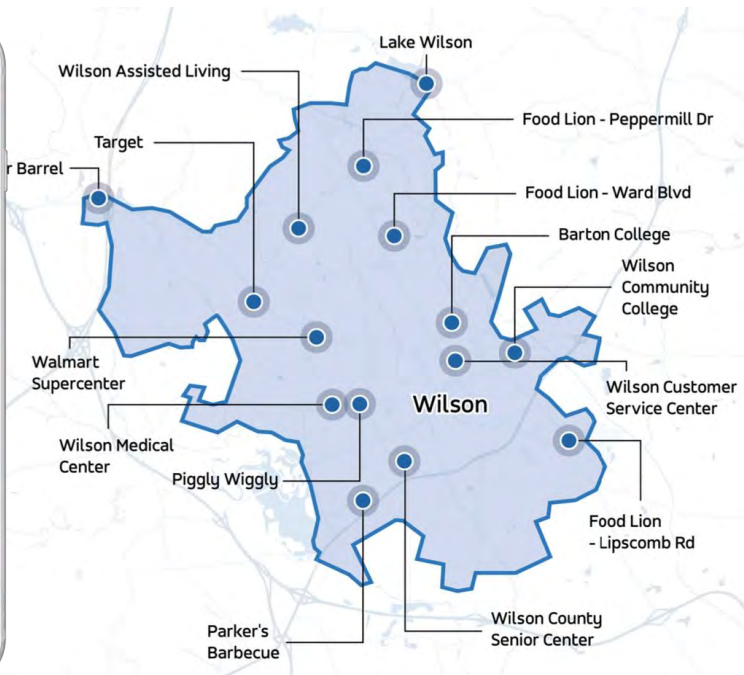
[Vaccine Transportation Weekly Progress & Claims Submission](#)





City of Wilson's RIDE program

Paving the way for economic mobility in a rural community



- Fixed routes with RIDE on-demand service began Sept. 2020
- Replaced decades-old fixed route system
- Provides reliable transportation to job sites and health care
- Expands coverage and reduces wait times
- **One vehicle dedicated to vaccine site trips**

"We believe RIDE will not only provide a better service for current transit riders, it creates a new, convenient, and modern transportation option anyone can access."

—Grant Goings, City Manager

Data-driven Response

Monitor, Measure, Communicate

Numbers through Tuesday, March 2



55 Transit Systems
have provided
1,399 Trips



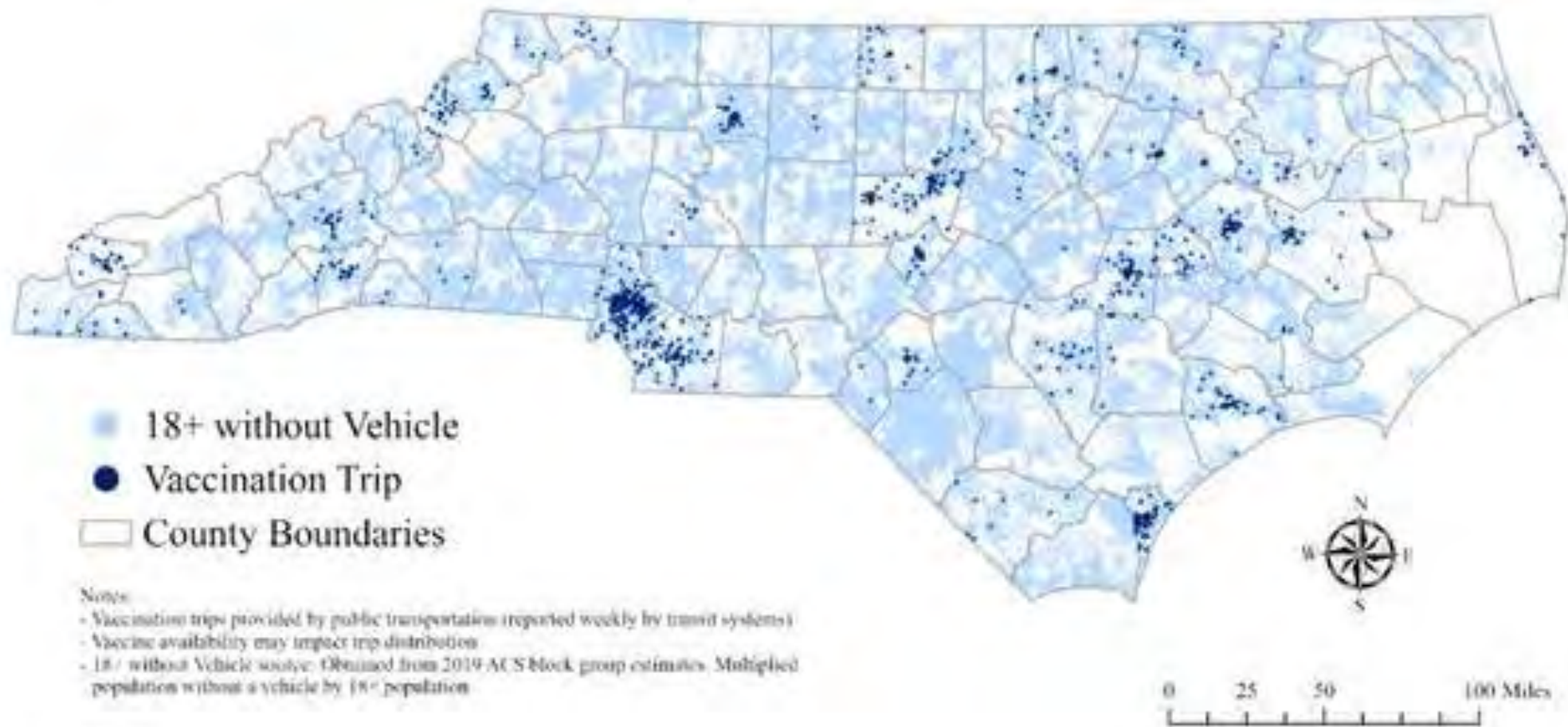
Number of Miles
14,796



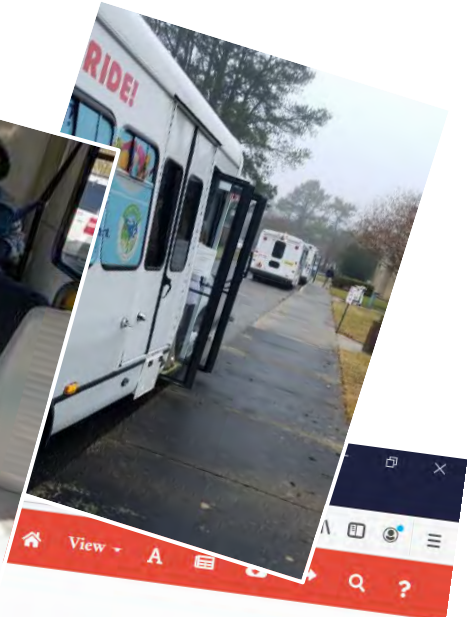
3 Systems
transporting Nurses & Paramedics
to Homebound Persons



Number of Vaccine Trips Provided Compared to Estimated Need



ARBE - 2/16/
Feb. 2021



By Reggie Ponder Staff Writer 13 hrs ago

People who need help with transportation to get to a COVID-19 vaccination clinic can get a ride through the Inter-County Public Transportation Authority.

Amy Underhill, a spokeswoman for Albemarle Regional Health Services, the agency that oversees ICPTA, said people who wish to arrange transport to a clinic through ICPTA should call 338-4480.

"ICPTA started transporting individuals (to vaccine clinics) last week," Underhill said. "Thus far 20 have been served and another 20 are scheduled for this week."

She noted that transportation has to be coordinated with the availability of the vaccine.

"Capacity depends on vaccine availability," Underhill said. "ICPTA takes information from clients who want the vaccine and reports the total people interested to ARHS. ARHS checks vaccine allotment and schedules individuals and tells us how many and when to bring them."

Underhill said ARHS is committed to providing transportation for all who need assistance.

"We have advertised on the ARHS and ICPTA websites," Underhill said. "ICPTA started with a computer-generated call to all of our clients informing them of the availability of transportation to receive the vaccine."

Underhill said ICPTA received funding from the N.C. Department of Health and Human Services "just for" transportation to COVID clinics. The funds help pay the cost of rides to the clinics.

"We intend to provide service to all who need it for as long as it takes," she said.

Pasquotank Commissioner Cecil Perry, who sits on the Albemarle Regional Health Services Board of Directors, mentioned in remarks earlier this week that the health board has noted some people use bicycles as their means of transportation. He said there needs to be access for those people as well.

Underhill said people are able to walk up or bike to any of the vaccine clinics.


ARHS plans to announce its schedule for next week's vaccine clinics in its weekly update later today.

Ensuring Air Quality on Buses

- IMD and the Safety and Health Workgroup developed a guide for transit agencies regarding HVAC technologies for buses
 - Collaborated with nation’s leading hospital HVAC engineering firms and faculty of UNC Gillings School of Global Public Health
 - Identified systems that reduce risk of airborne diseases like COVID-19
 - Impacts future of air quality systems on transit vehicles and in facilities to more effectively reduce disease at ~same cost as current systems
 - Can be incorporated into HVAC redesigns for new transit vehicles and facility renovations

North Carolina DOT HVAC Technology Reference Document

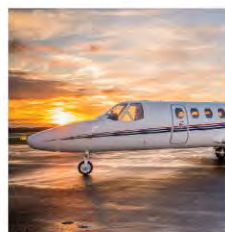
The COVID-19 pandemic has prompted a flood of products into the marketplace that claim to make the air safe to breathe. Some of these products may be helpful while others may pose unintended health risks to employees and customers. This document was created to help transit agency managers take the guesswork out of considering HVAC upgrades. North Carolina DOT commissioned the development of this document by one of the nation’s leading Hospital HVAC engineering firms, and had it reviewed and endorsed by faculty at the University of North Carolina Gillings School of Public Health. None of these technologies serve as a replacement for mask usage and physical distancing during the COVID-19 pandemic, but targeted investments may be incrementally helpful in critical facilities and vehicles.

Indoor Air Management Technology	Application	How it Works	Important Considerations	Potential Funding Sources/ROM Cost
TECHNOLOGIES TO CONSIDER FOR REDUCING THE RISK OF AIRBORNE DISEASES LIKE COVID-19				
Higher MERV rated or HEPA filters (In-line) 	Filtration Efficiency (Facilities and Vehicles)	MERV-13 and higher rated filters, including HEPA filters (MERV-17 and 18), mechanically remove a vast majority of potentially harmful particles from the air.	<ul style="list-style-type: none">* Higher MERV rated filters are a reliable way of removing potentially infectious particles from the air. Any upgrade – even from a MERV-6 to a MERV-7 filter – can be beneficial.* ASHRAE states here that “Research has shown that the particle size of the SARS-CoV-2 virus is around 0.1 µm (micrometer). However, the virus does not travel through the air by itself. Since it is human generated, the virus is trapped in respiratory droplets and droplet nuclei (dried respiratory droplets) that are predominantly 1.0 µm in size and larger.”* According to ASHRAE standard 52.2, MERV-13 and better filters can remove more than 98% of particles between 0.3 µm and 1.0 µm on the first pass; HEPA filters (MERV-17 and better) can remove more than 99.97% of particles 0.3 µm in size on the first pass.* According to ASHRAE, “HEPA filters may not be an appropriate option for some into HVAC systems due to high pressure drops and the likelihood that systems will need new filter racks to allow sufficient sealing to prevent filter bypass” - check with your HVAC provider to evaluate feasibility, airflow reductions due to pressure drops, and potential noise concerns.* In-Line HEPA filters, if properly sized to the HVAC system, can be very effective at removing potentially harmful particles from the air. NCDOT endorses their use in facilities and vehicles. NCDOT recommends working with your HVAC provider to determine the highest MERV rated filter that can be used in your system and/or	Operating \$30 - \$400 ea



NORTH CAROLINA

Department of Transportation



Thank You.

Julie White, Deputy Secretary of Multimodal Transportation
juliwhite@ncdot.gov

For more information, visit:
[Transportation to COVID-19 Vaccine Sites \(ncdot.gov\)](https://www.ncdot.gov/COVID-19/VaccineSites)