

I N D E X  
BOARD OF TRANSPORTATION MEETING  
May 5-6, 2021

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## **BOARD OF TRANSPORTATION MEETING**

**May 5-6, 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 May 5-6, 2021 Board of Transportation meeting is considered a hybrid meeting with members participating in person and via Microsoft Teams. The meeting was a hybrid due to the restrictions in place pertaining to the COVID-19 pandemic. The Chairman stated that since a portion of the board meeting is being conducted using simultaneous communication the meeting will continue compliance with General Statute §166A-19.24. Actions executed during the May 5-6, 2021 Board of Transportation meeting included:

- implementing a roll call voting system for all actions
- ensuring that the meeting minutes of the hybrid meeting reflect that a portion of 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 May 5, 2021**

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

Members of the Road, Bridge and Ferry Naming Committee attended their meeting at 10:00am. Topics included reviewing the submitted applications for Chief Donald M Gray Bridge, Chuck Allen Highway, Senator Steve Goss Highway, and the Judy West Brooks and C. Wade Brooks Bridge.

Members of the Finance Committee attended their meeting at 11:00am. Topics included Legislative Remarks from Senator Vickie Sawyer and Senator Tom McInnis, Chairs of the Senate Appropriations on Department of Transportation Committee and Senator Mike Woodard, Member of the Senate Appropriations on Department of Transportation Committee, Revenue update, and the Financial and Spend Plan update. A committee summary is located at the end of this document.

## **Full Board Work Session**

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

Vice-Chairman Perkins stated this meeting is considered a hybrid meeting with members participating in person and via Microsoft Teams. He mentioned 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**

Vice-Chairman Perkins called the meeting of the Board of Transportation to order at 1:15 p.m. on Wednesday, May 5, 2021, with the following members were present in-person or via Microsoft Teams or conference call: Vice-Chair Perkins, Moran, Taft, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody were present.

Board Member Cody was present through Microsoft Teams.

Chairman Fox and Board Member Overholt were 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 item and to file the proper paperwork with the Secretary to the Board of Transportation.

Vice-Chairman Perkins 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 Johanna H. Reese, Deputy Secretary for Intergovernmental Affairs provided a Legislative Update and Tim Baumgartner, Director of Mitigation Services provided an update on the DMS Biennial Budget to the Board. The proposed DMS biennial budget will come to the board for consideration as an action item at the next meeting.

## **Product Evaluation Program Awareness**

Vice-Chairman Perkins 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.

## **Other Business/Announcements**

Vice-Chairman Perkins shared the DMV Committee will begin at 2:15pm this afternoon and the Highways Committee and Multi-Modal Committee will begin at 3:30pm

## **Adjournment**

There being no further business of the Board, Vice-Chairman Perkins accepted a motion from Board Member Clarke, seconded by Board Member Hunt.

The full board work session adjourned, and the afternoon committees began following as scheduled:

Members of the Division of Motor Vehicles (DMV) Committee attended their meeting at 2:15pm. Topics included a verbal update on the DMV Move and REAL ID Modernization. A presentation on Re-Opening of Driver License Offices and a Strategic Plan Discussion was presented to the committee. A committee summary is located at the end of this document.

Members of the Highways Committee convened at 3:30pm. Topics included a presentation on NCDOT Severe Weather Preparedness and Recovery and NCDOT Severe Weather Recovery with Survey123. A committee summary is located at the end of this document.

Members of the Multi-Modal Committee convened at 3:30pm as well. Topics included a general overview of funding items and Multi-Modal updates. The committee received presentations on Modal STI Prioritization Overview and How the Modes Are Funded. A committee summary is located at the end of this document.

## **Thursday May 6, 2021 Official Board Meeting**

Vice-Chairman Perkins welcomed members to the meeting and thanked members of the Board for being present to handle business brought before them. He stated he was thrilled to be able to welcome members, staff, guests, and members of the public to the meeting today.

Vice-Chairman Perkins stated this meeting is considered a hybrid meeting with members participating in person and via Microsoft Teams. He mentioned 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.

Vice-Chairman Perkins stated he would do a quick roll call to account for the members present in the room.

Vice-Chair Perkins, Moran, Taft, Zimmer, Mitchell, Jordan, Hunt, Mathis, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody were present.

Chairman Fox and Board Members Overholt and Tillman were absent.

The Honorable Michael Morgan conducted the swearing in ceremony of Chuck McGrady serving as state-wide, at-large member, Andy Wells serving as a state-wide, at-large member, Stephen Rosenburgh serving as a state-wide, at-large member, Melvin Mitchell serving as the representative of Division 4 and Brad Lail serving as the representative of Division 12.

Vice-Chairman Perkins thanked the Honorable Michael Morgan for administering the oaths and congratulated the incoming members on their official appointment to the Board of Transportation.

### **Call to Order**

Vice-Chairman Perkins called the meeting of the Board of Transportation to order at 9:23 a.m. on Thursday, May 6, 2021.

### **Ethics Statement**

Vice-Chairman Perkins 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.

Vice-Chairman Perkins 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 – April 7-8, 2021 Meeting Minutes**

Vice-Chairman Perkins stated that both the open and closed session meeting minutes from the April 7-8 meeting were distributed for review prior to the meeting. Vice-Chairman Perkins stated if there are no additions or corrections, he would accept a motion to approve the April 7-8, 2021 open and closed meeting minutes of the Board of Transportation. A motion was made by Board Member Tarleton and a second by Board Member Zimmer.

Vice-Chairman Perkins stated the motion passed.

### **Road, Bridge and Ferry Naming Honorary Designations**

Board Member Mitchell presented a resolution naming S 70 Bypass (Future Interstate 42) from US 13 (North Berkeley Boulevard) to SR 1719 (North Beston Road) as the Chuck Allen Highway. The resolution was unanimously approved by the Board upon a motion by Board Member Mitchell and seconded by Board Member Clarke. Vice-Chairman Perkins stated the motion passed.

(A copy of the resolution is at the end of this document).

Tim Little, former NCDOT chief engineer, came forward on behalf of the Allen family. Mr. Little shared experiences from his time in division four that spoke to the solid character, integrity, and devotion to Goldsboro tirelessly demonstrated by Mayor Chuck Allen. Mr. Little read comments from the Allen family provided in appreciation of the Chuck Allen Highway naming.

Board Member Mitchell presented a resolution naming the bridge on Sunset Avenue crossing Wesleyan Boulevard in Rocky Mount the Gus H Tulloss Bridge. The resolution was unanimously approved by the Board upon a motion by Board Member Mitchell and seconded by Board Member Clarke. Vice-Chairman Perkins stated the motion passed.

(A copy of the resolution is at the end of this document).

Gus Tulloss, former longtime board member, came forward and thanked the Board and the committee for considering him for the bridge naming. Mr. Tulloss shared a history of accomplishments in division four during his longstanding board tenure with the audience, he shared the importance of the division four staff and the commended their dedication and hard work through the years. He introduced and thanked his family and friends for coming to the Board meeting and being a part of this special day.

Mr. Kevin Lacy, State Traffic Engineer, came forward and presented Mr. Tulloss with a custom sign prepared for him by NCDOT staff. The custom sign was made in honor of Mr. Tulloss' impeccable attire, good sense of humor and outstanding service to the NCDOT and Board of Transportation.

Mr. Tulloss was also presented the Road Gang Award for his position on the Board of Transportation and his service to the State of North Carolina.

### **Secretary Remarks**

Secretary Boyette welcomed members of the Board, staff, and those listening to the livestream. He shared it was great to see everyone who could make it in-person to the meeting.

### **Roadside Litter Collection**

Secretary Boyette shared details on the department's roadside litter collection with the Board. He stated the department has done a lot over the last few months to clean up roadsides across the state. NCDOT crews, contractors and volunteers have picked up over 5.4 million lbs. of litter statewide. He shared the spring litter sweep was from April 10-24. Through that time over 1.4 million pounds were picked up in the two-week period. He shared the department has begun partnering with athletic institutions across the state to create anti-litter messages. The department's current partners include UNC Chapel Hill, NC Wesleyan College, UNC Pembroke, Fayetteville State University, Kannapolis Cannon Ballers, CLT Knights and the Durham Bulls.

Secretary Boyette encouraged everyone to volunteer and get involved. He encouraged all to please visit, [ncot.gov](http://ncot.gov) and search “litter management” for more information.

### **CASSI at Wright Brothers**

Secretary Boyette shared details on the CASSI with the Board. He mentioned the National Park Service and NCDOT launched the first-of-its-kind electric, self-driving public transit shuttle at the Wright Brothers National Memorial. The Connected Autonomous Shuttle Supporting Innovation, or CASSI, will remain at that location for a three-month trial program. He shared this will mark the first trial of a self-driving vehicle at a recreational public lands site in the country. NCDOT and the National Park Service hope that testing the shuttle at a national park will help them learn more about how driverless vehicles can safely and effectively be used in the future.

### **FRC East Satellite**

Secretary Boyette shared updates on the Fleet Readiness Center (FRC) East with the Board. He shared the Fleet Readiness Center (FRC) East announced the opening of a new satellite facility at the Global TransPark in Kinston. He mentioned the FRC is North Carolina’s largest aviation maintenance, repair, and overhaul service. He stated the FRC is moving their Air Force UH-1 “Huey” helicopter line to GTP and this will allow more space for other operations at their Cherry Point facility. FRC East will employ more than 4,000 North Carolinians with an average salary of \$72,000.

### **Turnpike Milestone**

Secretary Boyette shared a video on the NC Quick Pass milestone. In the video Customer Service Manager, Angela Queenland, shared that the NC Quick Pass now serves over 100 million transponders customers throughout the state. Since opening in 2011 they have opened three new locations and have reduced transponder prices for customers. Angela thanked the State of North Carolina for trusting Quick Pass for over the last 10 years. Secretary Boyette encouraged everyone to visit [ncquickpass.com](http://ncquickpass.com) to learn more about the benefits of NC Toll Roads and registering for an NC Quick Pass Transponder Account.

### **Charlotte Gateway Station**

Secretary Boyette shared the Charlotte Gateway station update with the Board. Secretary Boyette shared the department’s Rail Division is leading Phase 1 of the planning,



design, and construction of Charlotte's future multimodal train station. He mentioned phase 1 is targeted for completion in 2023. To date, the canopy foundations and several bridges that will support the railroad tracks are nearly finished. Other work is progressing on the platform, concourse wall, and the station baggage ramps. The City of Charlotte is leading Phase 2 with developer Gateway Partners. This will help with the large mixed-use development and station.

### **CCX Intermodal Terminal Update**

Secretary Boyette shared the CCX intermodal terminal update with the Board. Secretary Boyette shared Edgecombe County has a new 330-acre Carolina Connector site which will allow trucks to bring cargo containers to a rail yard where they will be transferred to trains for transport. This facility will serve many industries with efficient access to rail and help get products to customers and spur growth in the region. Crews from overseas finally received visas (COVID delay) to travel and assemble the cranes. The large electric wide span cranes are now stood up and are completed as of May 3. Secretary Boyette shared he anticipates that the CCX will be the center of domestic freight for the regions in North Carolina, Virginia, and South Carolina. This will bring good paying jobs to our rural areas and connect the region to both domestic and international markets.

### **NC Ports Update**

Secretary Boyette shared the NC Ports update with the Board. Secretary Boyette mentioned the NC Ports is celebrating a record-setting month in March at the Port of Wilmington. During the month of March crews were able to beat previous records that were held. Some of the records that were beat were:

- Most containers (throughput) 18,782 moves. Previous record of 17,114 (March 2018)
- Most refrigerated containers moves 1,686 moves. Previous record 1,459 (April 2020)
- Most rail moves (QCE) 989 moves. Previous record 784 (August 2020)

Secretary Boyette stated the NC Ports is also on track to launch Phase 1 of the newly upgraded Terminal Operating System in June. He shared this is a major IT undertaking that he is glad to see moving forward.

### **I-26 Update**

Secretary Boyette shared photos of the I-26 widening project. He mentioned both sides (Buncombe/Henderson Counties) have utilized an Integrated Corridor Management system to close one direction of I-26 at night. The ICM allows crews to perform operations in one week that would normally take two to three weeks under rolling roadblocks, saving time and money. Most of the work this spring is geared towards shifting all traffic onto eastbound lanes later this year.

### **I-40 Recycling**

Secretary Boyette acknowledged what a great job the department's communications team did highlighting and recognizing the I-40 Widening Project in Wake/Johnson Counties for Earth Day. The video showed highlights on how the department is using recycled concrete from demolished ramps and reusing as a base under the new roadway.

### **Census Recognition**

Secretary Boyette shared an update on the U.S. Census Recognition with the Board. Secretary Boyette shared he received an award from the U.S. Census Bureau for department's efforts in helping, promoting, and supporting in the 2020 Census process. He thanked all the department's units who helped to get the message out. He shared participation in the Census helps ensure our organization is represented to support the department's operations.

### **Other Recognition**

Secretary Boyette shared other recognitions with the Board. Secretary Boyette shared it was State Employee Recognition Week at the department. He also mentioned the department celebrated State Employee Appreciation Day as well. He shared the organization has plenty to recognize and appreciate. He mentioned having worked at DOT for years his self, he knows the many amazing things employees do that not everyone even realizes are in view. He mentioned the pandemic has brought on challenges the organization could have never expected. Yet our employees found a new way to creatively answer to the challenges and have not missed a step. Secretary Boyette shared he wanted to say how amazing this is and how proud he is of the department's hard work and dedication in serving our state.

### **DELEGATED AUTHORITY ITEMS**

Vice-Chairman Perkins 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 BIDS WERE REJECTED FOR THE PROJECTS ON PAGE 1 OF 15, PAGE 6 OF 15, PAGE 12 OF 15, AND PAGE 13 OF 15. ACTION WAS DELAYED FOR THE PROJECTS ON PAGE 3 OF 15 AND PAGE 15 OF 15 TO ALLOW FOR REVIEW OF THE BIDDERS'S GOOD FAITH EFFORTS RELATED TO THEIR NOT MEETING THE DISADVANTAGED BUSINESS ENTERPRISE GOALS SET FOR EACH PROJECT. THE REMAINING PROJECTS WERE AWARDED BY THE SECRETARY TO THE LOW BIDDER.

### **AS A MATTER OF INFORMATION**

AT THE APRIL 8, 2021 BOARD MEETING, ACTION WAS DELAYED ON THE MULTI-COUNTY BROADBAND FIBER INSTALLATION PROJECT TO ALLOW ADDITIONAL TIME FOR INTERNAL STAFF REVIEW (SEE MARCH 29, 2021 CENTRAL LETTING ITEM C, PAGES 1 OF 2 AND 2 OF 2). ANY LOW BIDDER IRREGULARITIES NOTED ON THE ITEM C DO NOT AFFECT THE VALIDITY OF THE CONTRACT. ON APRIL 28, 2021, STAFF RECOMMENDED AWARD TO THE LOW BIDDER. THE PROJECT WAS SUBSEQUENTLY AWARDED BY THE SECRETARY.

### **Consideration of Projects**

Vice-Chairman Perkins 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.

Vice-Chairman Perkins invited a motion to approve the project items as presented.

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

Vice-Chairman Perkins shared that he would call a vote for the action item under consideration. He stated please say either yes or "aye" to indicate yes or if opposed, please say "no".

There were no members who opposed, and the board approved the project items.

Vice-Chairman Perkins stated the motion passed.

### **ACTION**

Vice-Chairman Perkins stated to members that the three Scenic Byway proposals were presented and provided to the Board for review in last month's work session.

Vice-Chairman Perkins stated if there are no additions or corrections, that he would accept a motion that the Board adopt the McAuley Road Scenic Byway Proposal, Hanging Rock Scenic Byway Extension Proposal, and the Pacolet River Byway Extension Proposal as provided. A motion was made by Board Member Taft and seconded by Board Member Moran.

Vice-Chairman Perkins shared that he would call a vote for the action item under consideration. He stated please say either yes or "aye" to indicate yes or if opposed, please say "no".

There were no members who opposed, and the board approved the Scenic Byway proposals.

Vice-Chairman Perkins stated the motion passed.

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

- Item R – Project 011NC25, Parcel 001, Asheville-Hendersonville Highway Buncombe County Conveyance of an approximate 0.009-acre area comprised of one (1) C-class residue, having a value of \$300 to First Citizens Bank & Trust Co. for the highest offer amount of \$300; total commission \$1,000.
- Item R Project U-0071, Parcel 259, Durham East End Connector Durham County Conveyance of an approximate 0.140-acre area comprised of one (1) C-class residue, having a value of \$600 to Green Street Group, LLC for the highest offer amount of \$600.
- Item O– Project U-6098, 47896.3.1, 47706, 9797; This Project consists of construction of a right turn lane and a left turn lane from Davidson Highway (NC 73) to the Kannapolis Logistics Center on Kannapolis Parkway for improved access and construction of a roundabout at the intersection of SR 1620 (Macedonia Church Road) and SR 1621 (Barr Road) in Kannapolis. The Municipality and the Developer are responsible for the project. This Supplemental Agreement is to extend the completion date to June 30, 2022.

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

- Item K – Project R-4463A, WBS 35601.1.R2 NC 43 Connector from US 17 Business to south of US 17/US 70. \$1,960,657.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investment funds are requested. This is a BUILD NC BOND project.
- Item K – Project U-5785, WBS 44357.1.1 SR 1708 (Firetower Road) from NC 43 (Charles Boulevard) to SR 1704 (Fourteenth Street) in Greenville. \$1,417,903.00 has previously been approved for preliminary engineering. Additional funds are requested.
- Item O – Project U-5917, 44679.1.1, 9778; This Project consists of improvements on SR 1704 (East 14th Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road. At the request of the Agency, the Department shall prepare the utility design plans for the relocation of water lines associated with the project. The cost to the Agency is \$38,316.88. This agenda item supersedes the item that was approved by the BOT on January 9, 2020.

- Item O – Project U-5917, 44679.1.1,9780; This Project consists of improvements on SR 1704 (East 14th Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road. At the request of the Agency, the Department shall prepare the utility design plans for the relocation of gas lines associated with the project. The cost to the Agency is \$85,352.76. This agenda item supersedes the item that was approved by the BOT on January 9, 2020.
- Item O – Project U-5917, 44679.1.1,9799; This Project consists of improvements on SR 1704 (East 14th Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road. At the request of the Agency, the Department shall prepare the utility design plans for the relocation of gas lines associated with the project. The cost to the Agency is \$85,352.76. This agenda item supersedes the item that was approved by the BOT on January 9, 2020.
- Item O – Project U-3338B(L), 34932.3.5,9821; This Project consists of the installation of landscape enhancements along North and South Kerr Avenue (SR 1175) from US 74 to Randall Parkway, as part of the U-3338B(L) Project. This supplemental agreement is to modify the maintenance responsibilities.

**Board Member Wells recused himself from voting on the following projects:**

- Item M – Project U-4700A, 35993.1.7, NHP-0321(039) US 321 from US 70 in Hickory to US 321 Alternate. \$6,750,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.

# **NCDOT Board of Transportation Agenda**

## **ITEM C**

**April 20, 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.  
APRIL 20, 2021  
DIVISION 00001

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C204154  
45861.3.1  
STBG-0111(025)  
PASQUOTANK  
U-5942

PROPOSAL LENGTH 20.000 MILES

TYPE OF WORK SIGNALS.

LOCATION ELIZABETH CITY SIGNAL SYSTEM.

EST CONST PROGRESS.... FY-2021..09% OF BID  
FY-2022..80% OF BID  
FY-2023..11% OF BID

RPN 001 2 BIDDER(S) DBE GOAL 0.00%  
ESTIMATE 2,983,442.58

DATE AVAILABLE JUN 02 2021

FINAL COMPLETION OCT 05 2022

	\$ TOTALS	% DIFF
ALS OF NORTH CAROLINA LLC SALISBURY, NC	4,134,427.50	+38.6
BROOKS BERRY HAYNIE & ASSOCIATES, INC. MABLETON, GA	5,694,417.45	+90.9

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**REJECTED**



HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00002

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C204178  
38358.3.1  
STATE FUNDED  
BEAUFORT  
B-4414

PROPOSAL LENGTH 0.189 MILES

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

LOCATION BRIDGE #43 OVER PUNGO CREEK ON US-264.

EST CONST PROGRESS.... FY-2021..12% OF BID  
FY-2022..88% OF BID

RPN 002 5 BIDDER(S) DBE GOAL 5.00 %  
ESTIMATE 1,689,550.25

DATE AVAILABLE JUN 02 2021

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

FINAL COMPLETION OCT 12 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	1,840,642.49	+8.9
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	1,867,750.00	+10.5
DANE CONSTRUCTION INC MOORESVILLE, NC	1,974,077.16	+16.8
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JO	2,019,548.41	+19.5
T A LOVING COMPANY GOLDSBORO, NC	2,104,830.00	+24.6

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**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00002

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\* C204594  
15BPR.42, 46016.3.2  
STATE FUNDED  
BEAUFORT  
B-5302

PROPOSAL LENGTH 0.622 MILES

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

LOCATION BRIDGE #3 OVER NORFOLK SOUTHERN RAILROAD ON US-17 BUS AND BRIDGE #25 ON  
US-17 BUS OVER PAMLICO RIVER.

EST CONST PROGRESS.... FY-2021..05% OF BID  
FY-2022..64% OF BID  
FY-2023..31% OF BID

RPN 003 3 BIDDER(S) DBE GOAL 4.00 %  
ESTIMATE 9,650,872.60

DATE AVAILABLE JUN 01 2021

INTER COMPLETION MAY 15 2023 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION NOV 11 2023

	\$ TOTALS	% DIFF
CATON CONSTRUCTION GROUP, INC. CHARLOTTESVILLE, VA	11,468,344.30	+18.8
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	11,819,923.98	+22.5
DANE CONSTRUCTION INC MOORESVILLE, NC	12,437,851.14	+28.9

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**PENDING  
GFE  
REVIEW**

# RELET SUMMARY PAGE

## JUNE 18, 2019 LETTING

15BPR.42, 46016.3.2  
STATE FUNDED  
BEAUFORT  
RPN 001  
B-5302

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DATE AVAILABLE      OCT 15 2019  
FINAL COMPLETION    JAN 28 2022

### ENGINEER'S ESTIMATE

\$6,520,189.96

	\$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	7,744,580.08	+18.8
S T WOOTEN CORPORATION WILSON, NC	8,093,836.87	+24.1
THALLE CONSTRUCTION CO., INC. HILLSBOROUGH, NC	8,503,922.89	+30.4
DANE CONSTRUCTION INC MOORESVILLE, NC	8,812,909.86	+35.2
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	9,219,879.90	+41.4
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNC	9,383,895.14	+43.9

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## APRIL 20, 2021 LETTING

15BPR.42, 46016.3.2  
STATE FUNDED  
BEAUFORT  
RPN 003  
B-5302

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DATE AVAILABLE      JUN 01 2021  
FINAL COMPLETION    NOV 11 2023

### ENGINEER'S ESTIMATE

\$9,650,872.60

	\$ TOTALS	% DIFF
CATON CONSTRUCTION GROUP, INC. CHARLOTTESVILLE, VA	11,468,344.30	+18.8
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	11,819,923.98	+22.5
DANE CONSTRUCTION INC MOORESVILLE, NC	12,437,851.14	+28.9

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00005

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C204630

2021CPT.05.15.20321.1, 2021CPT.05.15.20322.1

STATE FUNDED

DURHAM

PROPOSAL LENGTH 25.324 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 44 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..09% OF BID  
FY-2022..75% OF BID  
FY-2023..16% OF BID

RPN 004 4 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 5,643,779.70

DATE AVAILABLE JUN 02 2021

INTER COMPLETION AUG 11 2021 COMPLETE ALL WORK REQUIRED FOR MAPS #4 & #14

FINAL COMPLETION NOV 15 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	5,523,385.60	-2.1
CAROLINA SUNROCK LLC RALEIGH, NC	5,838,158.16	+3.4
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	6,248,867.90	+10.7
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	6,916,600.45	+22.6

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**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00005

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C204624

2021CPT.05.19.10921.1, 2021CPT.05.19.20921.1

STATE FUNDED

WAKE

PROPOSAL LENGTH 11.680 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-70 AND 2 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..09% OF BID  
FY-2022..75% OF BID  
FY-2023..16% OF BID

RPN 005 4 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 6,093,358.30

DATE AVAILABLE JUN 02 2021

FINAL COMPLETION NOV 15 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	5,699,883.07	-6.5
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	6,473,145.40	+6.2
CAROLINA SUNROCK LLC RALEIGH, NC	6,596,981.00	+8.3
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	7,090,250.95	+16.4

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**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00006

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C204423  
41499.3.3  
STATE FUNDED  
COLUMBUS  
R-5020B

PROPOSAL LENGTH    2.183    MILES

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

LOCATION            US-701 BYPASS (MADISON ST - J K POWELL BLVD) FROM SR-1437 (VIRGIL AVE) TO US-74/76.

EST CONST PROGRESS.... FY-2022..40% OF BID  
FY-2023..36% OF BID  
FY-2024..23% OF BID  
FY-2025..01% OF BID

RPN 006                      1 BIDDER(S)            DBE GOAL    10.00 %  
ESTIMATE 21,803,846.06

DATE AVAILABLE        JUL 08 2021

INTER COMPLETION    JUL 15 2024 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMENANT VEGETATION ESTABLISHMENT

FINAL COMPLETION    JAN 11 2025

	\$ TOTALS	% DIFF
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	26,902,546.33	+23.4

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REJECTED

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00006

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C204571  
44997.3.1  
STATE FUNDED  
COLUMBUS  
R-5797

PROPOSAL LENGTH 1.006 MILES

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

LOCATION US-74 AT SR-1506.

EST CONST PROGRESS.... FY-2021..04% OF BID  
FY-2022..38% OF BID  
FY-2023..32% OF BID  
FY-2024..24% OF BID  
FY-2025..02% OF BID

RPN 007 6 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 23,507,104.26

DATE AVAILABLE JUN 02 2021  
INTER COMPLETION SEP 01 2024 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
FINAL COMPLETION FEB 28 2025

	\$ TOTALS	% DIFF
BMCO CONSTRUCTION, INC. LUMBERTON, NC	16,191,279.37	-31.1
R E GOODSON CONSTRUCTION CO INC DARLINGTON, SC	18,483,550.78	-21.4
C M LINDSAY & SONS INC LUMBERTON, NC	18,907,241.94	-19.6
CATON CONSTRUCTION GROUP, INC. CHARLOTTESVILLE, VA	24,228,535.49	+3.1
W C ENGLISH INCORPORATED LYNCHBURG, VA	24,623,421.31	+4.7
CONTI ENTERPRISES INC EDISON, NJ	27,119,442.00	+15.4

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**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00006

PAGE : 8 of 15  
ITEM C

C204483  
49072.3.1  
STATE FUNDED  
CUMBERLAND  
BR-0014

PROPOSAL LENGTH 0.273 MILES

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

LOCATION BRIDGE #25 OVER BEAVER DAM CREEK ON NC-242.

EST CONST PROGRESS.... FY-2021..12% OF BID  
FY-2022..88% OF BID

RPN 008 7 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 2,442,290.94

DATE AVAILABLE JUN 02 2021 THRU SEP 15 2021  
INTER COMPLETION JUN 27 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
COMPLETE PHASE II, STEPS #1 THRU #3 IN TWO HUNDRED EIGHTY-FIVE (285) CONS.  
CALENDAR DAYS AFTER BEGINNING WORK  
FINAL COMPLETION 570 DAY(S) AFTER START DATE

	\$ TOTALS	% DIFF
S & C CONSTRUCTION LLC WILMINGTON, NC	2,242,788.95	-8.2
DANE CONSTRUCTION INC MOORESVILLE, NC	2,422,155.90	-0.8
S T WOOTEN CORPORATION WILSON, NC	2,426,890.65	-0.6
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,552,263.24	+4.5
T A LOVING COMPANY GOLDSBORO, NC	2,639,675.00	+8.1
W C ENGLISH INCORPORATED LYNCHBURG, VA	2,689,513.31	+10.1
THE TARA GROUP OF LUMBERTON INC LUMBERTON, NC	2,855,023.63	+16.9

**AWARDED**



HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00007

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C204499  
36599.3.1  
STATE FUNDED  
GUILFORD  
R-4707

PROPOSAL LENGTH 1.330 MILES

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

LOCATION INTERCHANGE OF US-29 AND SR-4771 (REEDY FORK PARKWAY).

EST CONST PROGRESS.... FY-2021..04% OF BID  
FY-2022..42% OF BID  
FY-2023..36% OF BID  
FY-2024..18% OF BID

RPN 009 8 BIDDER(S) DBE GOAL 12.00 %  
ESTIMATE 49,949,716.14

DATE AVAILABLE JUN 02 2021  
INTER COMPLETION MAY 01 2024 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMANENT VEGETATION ESTABLISHMENT  
FINAL COMPLETION OCT 28 2024

	\$ TOTALS	% DIFF
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	46,382,713.04	-7.1
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	51,838,565.06	+3.8
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	52,045,420.00	+4.2
CONTI ENTERPRISES INC EDISON, NJ	52,616,442.00	+5.3
W C ENGLISH INCORPORATED LYNCHBURG, VA	53,488,040.33	+7.1
BLYTHE DEVELOPMENT CO CHARLOTTE, NC	55,216,688.23	+10.5
FLATIRON-SMITH-ROWE, JV MORRISVILLE, NC	55,590,907.30	+11.3
VECELLIO & GROGAN INC BECKLEY, WV	56,422,862.23	+13.0

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AWARDED

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00007

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C204626

2021CPT.07.03.20011, 2021CPT.07.03.20411, 2021CPT.07.06.10011

STATE FUNDED

ALAMANCE, GUILFORD

PROPOSAL LENGTH 29.007 MILES

TYPE OF WORK MILLING AND RESURFACING.

LOCATION 1 SECTION OF NC-87, 1 SECTION OF NC-49, AND 21 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..10% OF BID  
FY-2022..76% OF BID  
FY-2023..14% OF BID

RPN 010 2 BIDDER(S) DBE GOAL 8.00 %  
ESTIMATE 5,386,718.30

DATE AVAILABLE JUN 03 2021

INTER COMPLETION AUG 13 2021 COMPLETE ALL WORK REQUIRED FOR MAPS #2, #10 & #22

FINAL COMPLETION NOV 01 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	4,639,570.37	-13.9
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	5,954,736.21	+10.5

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**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00009

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C204533  
34839.3.12  
0074231  
FORSYTH  
U-2579BA

PROPOSAL LENGTH 0.975 MILES

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

LOCATION FUTURE I-74 WINSTON-SALEM NORTHERN BELTWAY (US-421, NC-150, I-40 BUS) TO US-158.

EST CONST PROGRESS.... FY-2021..09% OF BID  
FY-2022..80% OF BID  
FY-2023..11% OF BID

RPN 011 4 BIDDER(S) DBE GOAL 9.00 %  
ESTIMATE 8,825,419.82

DATE AVAILABLE JUN 02 2021

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

FINAL COMPLETION APR 30 2023

	\$ TOTALS	% DIFF
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	9,433,922.30	+6.9
CATON CONSTRUCTION GROUP, INC. CHARLOTTESVILLE, VA	10,141,986.92	+14.9
JSMITH CIVIL LLC PIKEVILLE, NC	11,200,605.35	+26.9
VECELLIO & GROGAN INC BECKLEY, WV	11,308,120.08	+28.1

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**AWARDED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00010

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C204365  
45888.3.1  
0085058  
MECKLENBURG  
I-5905

PROPOSAL LENGTH 6.080 MILES

TYPE OF WORK PAVEMENT AND STRUCTURE REHABILITATION.

LOCATION I-85 FROM MILE MARKER 35.95 TO MILE MARKER 42.03.

EST CONST PROGRESS.... FY-2021..09% OF BID  
FY-2022..81% OF BID  
FY-2023..10% OF BID

RPN 012                      2 BIDDER(S)              DBE GOAL 6.00 %  
ESTIMATE 17,363,578.60

DATE AVAILABLE JUN 01 2021

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

FINAL COMPLETION APR 13 2023

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	15,185,093.65	-12.5
BLYTHE DEVELOPMENT CO CHARLOTTE, NC	19,130,727.08	+10.2

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**REJECTED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00010

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C204622

2021CPT.10.15.10601, 2021CPT.10.15.20601

STATE FUNDED

MECKLENBURG

PROPOSAL LENGTH 21.466 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-74, 2 SECTIONS OF NC-16, 1 SECTION OF NC-160 , 1 SECTION OF NC-115,  
AND 19 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..12% OF BID  
FY-2022..88% OF BID

RPN 013 3 BIDDER(S) DBE GOAL 6.00 %  
ESTIMATE 6,835,031.36

DATE AVAILABLE JUN 01 2021

INTER COMPLETION SEP 30 2021 COMPLETE ALL WORK REQUIRED FOR FULL DEPTH RECLAMATION ON  
MAP #25

FINAL COMPLETION JUL 01 2022

	\$ TOTALS	% DIFF
BLYTHE BROTHERS ASPHALT CO LLC CHARLOTTE, NC	6,958,308.67	+1.8
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	7,421,427.42	+8.6
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	7,524,852.39	+10.1

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**REJECTED**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00011

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C204611  
17BP.11.R.196  
STATE FUNDED  
WILKES, ALLEGHANY

PROPOSAL LENGTH 0.288 MILES

TYPE OF WORK BRIDGE REPLACEMENTS.

LOCATION 3 BRIDGES IN ALLEGHANY AND WILKES COUNTIES.

EST CONST PROGRESS.... FY-2021..04% OF BID  
FY-2022..56% OF BID  
FY-2023..35% OF BID  
FY-2024..05% OF BID

RPN 015 4 BIDDER(S) DBE GOAL 4.00 %  
ESTIMATE 3,877,670.50

DATE AVAILABLE JUN 02 2021

FINAL COMPLETION OCT 01 2023

	\$ TOTALS	% DIFF
DANE CONSTRUCTION INC MOORESVILLE, NC	4,113,382.50	+6.1
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	4,518,664.81	+16.5
SMITH-ROWE, LLC MOUNT AIRY, NC	4,693,339.65	+21.0
R. E. BURNS & SONS CO., INC. STATESVILLE, NC	4,798,345.00	+23.7

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**PENDING  
GFE  
REVIEW**

HIGHWAY LETTING  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH N.C.  
APRIL 20, 2021  
DIVISION 00014

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C204387  
67011.3.1  
STATE FUNDED  
CHEROKEE  
BR-0011

PROPOSAL LENGTH 0.224 MILES

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

LOCATION BRIDGE #2 OVER SLOW CREEK ON NC-141.

EST CONST PROGRESS.... FY-2022..95% OF BID  
FY-2023..05% OF BID

RPN 014 6 BIDDER(S) DBE GOAL 5.00 %  
ESTIMATE 2,017,007.99

DATE AVAILABLE JUL 19 2021

INTER COMPLETION AUG 15 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR  
PERMENANT VEGETATION ESTABLISHMENT

FINAL COMPLETION FEB 11 2023

	\$ TOTALS	% DIFF
SUMMERS TAYLOR INC ELIZABETHTON, TN	1,841,912.55	-8.7
WRIGHT BROTHERS CONSTRUCTION COMPANY INC CHARLESTON, TN	1,968,244.05	-2.4
BUCKEYE BRIDGE LLC CANTON, NC	2,043,197.65	+1.3
ADAMS CONTRACTING CO INC ROBBINSVILLE, NC	2,087,254.00	+3.5
DANE CONSTRUCTION INC MOORESVILLE, NC	2,111,214.32	+4.7
OWLE CONSTRUCTION LLC WHITTIER, NC	2,529,005.15	+25.4

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ESTIMATE TOTAL	168,069,387.40	
LETTING TOTAL	162,558,200.69	-3.3

**AWARDED**

**NCDOT MAY 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 Deputy Secretary**

**Deputy Secretary for Multi-Modal Transportation**

**Rail Division**

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 Rail Crossing Safety services on an as needed basis for various federal-aid and state funded projects to support the Rail Division. 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.

<b>STATEWIDE</b>	
Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc.
	5% / \$50,000.00
Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc
	5% / \$50,000.00
SPSF Utilization:	Hinde Engineering Inc
	5% / \$50,000.00
Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	H W Lochner Inc, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%



Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	JMT, Hunt Valley, MD
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	Pinecone Transportation Professionals PLLC
	10% / \$100,000.00
SPSF Utilization:	LJB Inc
	10% / \$100,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc
	10% / \$100,000.00
SPSF Utilization:	Hinde Engineering Inc
	3% / \$30,000.00
SPSF Utilization:	MI Engineering PLLC
	5% / \$50,000.00
Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	Kimley Horn & Associates Inc, Atlanta, GA
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering
	15% / \$225,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc
	15% / \$225,000.00
Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	Moffatt & Nichol Incorporated, Los Angeles, CA
Maximum Engineering Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	ADS System Safety Consulting LLC
	2% / \$20,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc
	3% / \$30,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering, Inc.
	2.5% / \$25,000.00
Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$2,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc
	2% / \$40,000.00
SPSF Utilization:	Patriot Transportation Engineering PLLC
	1% / \$20,000.00
SPSF Utilization:	The Wooten Company
	1% / \$20,000.00

Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	RK&K, Raleigh, NC
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%
Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	Simpson Engineers & Associates PC, Cary, NC
Maximum Engineering Fee:	\$3,000,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	Stantec Consulting Services Inc, Chicago, IL
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	Falcon Engineering Inc
	5% / \$50,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC
	10% / \$100,000.00
SPSF Utilization:	Sungate Design Group PA
	10% / \$100,000.00
Description of Work:	2021 Rail Crossing Safety On-Call LSC
Firm:	Three Oaks Engineering, Durham, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/WBE/SPSF Utilization:	100%

## Chief Operating Officer

## Chief Engineer

### Transportation Mobility and Safety Division

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 Engineering and Support Services on an as needed basis for various federal-aid and state funded projects to support the Transportation Mobility and Safety Division. These contracts will expire two (2) years with one (1) one-year extension 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.

<b>STATEWIDE</b>	
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Accelerate Engineering PLLC, Cary, NC
Maximum Engineering Fee:	\$1,000,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Atkins North America Inc, Atlanta, GA
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Davenport, Winston-Salem, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/MBE/SPSF Utilization:	100%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	DRMP Inc, Orlando, FL
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Exult Engineering PC, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	100%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$700,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	HNTB North Carolina PC, Raleigh, NC
Maximum Engineering Fee:	\$7,000,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Kimley Horn & Associates Inc, Atlanta, GA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%

Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Kittelson and Associates Inc, Portland, OR
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Mott MacDonald I&E LLC, Pittsburgh, PA
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Patriot Transportation Engineering PLLC, Raleigh, NC
Maximum Engineering Fee:	\$2,000,000.00
SPSF Utilization:	100%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Ramey Kemp & Associates Inc, Atlanta, GA
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	100%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	RS&H Architects Engineers Planners Inc, Jacksonville, FL
Maximum Engineering Fee:	\$1,500,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	RK&K, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Stantec Consulting Services Inc, Chicago, IL
Maximum Engineering Fee:	\$2,500,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Summit Design and Engineering Services PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$400,000.00
SPSF Utilization:	0%

Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	Three Oaks Engineering, Durham, NC
Maximum Engineering Fee:	\$1,500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	VHB Engineering NC PC, Watertown, MA
Maximum Engineering Fee:	\$3,000,000.00
SPSF Utilization:	0%
Description of Work:	2021 Transportation Mobility and Safety Division LSC
Firm:	WSP USA Inc, Dallas, TX
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	0%

## Highway Operations

### Operations Program Management

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 Staff Full-Time Equivalents (FTE) On-site for GIS-Engineering Technician and GIS Analyst services on an as needed basis for various federal-aid and state funded projects to support the Operations Program Management Unit. These contracts will expire one (1) year with four (4) 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.

<b>STATEWIDE</b>	
Description of Work:	2021 Staff Full-Time Equivalents (FTE) On-site for GIS-Engineering Technician and GIS Analyst LSC
Firm:	AECOM Technical Services Of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	0%
Description of Work:	2021 Staff Full-Time Equivalents (FTE) On-site for GIS-Engineering Technician and GIS Analyst LSC
Firm:	Arcadis G&M of North Carolina, Inc., Chicago, IL
Maximum Engineering Fee:	\$600,000.00
SPSF Utilization:	0%

Description of Work:	2021 Staff Full-Time Equivalents (FTE) On-site for GIS-Engineering Technician and GIS Analyst LSC
Firm:	ESP Associates Inc, Charlotte, NC
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	0%
Description of Work:	2021 Staff Full-Time Equivalents (FTE) On-site for GIS-Engineering Technician and GIS Analyst LSC
Firm:	Gannett Fleming Inc, Philadelphia, PA
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	0%
Description of Work:	2021 Staff Full-Time Equivalents (FTE) On-site for GIS-Engineering Technician and GIS Analyst LSC
Firm:	Timmons Group Inc, Richmond, VA
Maximum Engineering Fee:	\$600,000.00
SPSF Utilization:	0%
Description of Work:	2021 Staff Full-Time Equivalents (FTE) On-site for GIS-Engineering Technician and GIS Analyst LSC
Firm:	VHB Engineering NC PC, Watertown, MA
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	0%

**NCDOT MAY 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:**

<b>Div / County</b>	<b>SR No. / Road Name</b>	<b>Description</b>	<b>Amount</b>
Div 4 Halifax	SR 1400 Thelma Rd	Widen pavement to reduce run offs Establish funds 4C.042078	\$305,000.00

**Projects to Increase Funds:**

<b>Div / County</b>	<b>SR No. / Road Name</b>	<b>Description</b>	<b>Amount</b>
Div 1 Pasquotank	SR 1364 Sawyer Rd	Grade, drain, base, and pave Increase funds 1C.070044	\$65,000.00
Div 1 Pasquotank	SR 1111 Harvest Point Rd	Grade, drain, base, and pave Increase funds 1C.070045	\$60,060.36
Div 3 Onslow	SR 2760 Blue Top Rd	Grade, drain, base, and pave Increase funds 3C.067088	\$125,000.00
Div 12 Shelby	SR 1810 Mitch Rd	Grade, drain, base, and pave Increase funds 12C.049117	\$125,000.00

**Item E Summary:**

<b>1</b>	<b>Projects to Establish Funds</b>	<b>\$305,000.00</b>
<b>4</b>	<b>Projects to Increase Funds</b>	<b>\$375,060.36</b>
<b>0</b>	<b>Project to Increase &amp; Close</b>	<b>\$0.00</b>
<b>0</b>	<b>Project Deletions</b>	<b>\$0.00</b>

## NCDOT May 6, 2021 Board of Transportation Agenda

### Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
<b>Division 4</b>				
Johnston	52284	0.11 0.24 0.09	<b>Goodwin Chase</b> Extend SR 3516; Goodwin Chase Lane S. Shreve Drive N. Shreve Drive	03/16/2021
Johnston	52285	0.36 0.05 0.31	<b>Gray Wolf Creek</b> Timber Wolf Crossing Makers Way Wolf Den Drive	03/22/2021
Johnston	52286	0.25 0.04 0.04	<b>Leeland Woods</b> Coral Ridge Drive Occidental Court Marquis Drive	03/17/2021
Johnston	52287	0.08	<b>Old Lee Station Steel Bridge Crossing</b> All Aboard Circle	02/22/2021
Johnston	52288	0.48 0.12	<b>Rhodes Estates</b> Highland Rhodes Drive Emma Way	03/17/2021
Johnston	52289	0.33 0.06	<b>Rowland Woods</b> Kandypoo Drive Scooter Circle	03/02/2021
Johnson	52290	0.16	<b>Willow Ridge</b> Willow Ridge Circle	02/23/2021
<b>Division 5</b>				
Wake	52291	0.24	<b>Hawthorne Park</b> Royal Amber Way	12/16/2020
<b>Division 7</b>				
Guilford	52292	0.11	<b>Hillsdale Farm West Phase 2</b> Hedgerow Court	03/02/2021
Guilford	52293	0.16	<b>Hillsdale Farm West Phase 3</b> Lunsford Court	03/02/2021
Guilford	52294	0.28	<b>LaBella</b> LaBella Court	04/14/2021



## NCDOT May 6, 2021 Board of Transportation Agenda

### Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
<b>Division 7 (Continued)</b>				
Guilford	52295	0.28 0.12	<b>Mitchell's Landing</b> Mitchells Landing Way Maggie Dixon Place	03/31/2021
Guilford	52296	0.16	<b>The Reserve at Rock Creek</b> Extend SR 5402; Reserve Parkway	07/09/2020
<b>Division 9</b>				
Forsyth	52297	0.23 0.18	<b>Blackberry Ridge</b> Blackberry Ridge Court Vance Ridge Court	03/25/2021
Forsyth	52298	0.43 0.23	<b>Drummond Estates</b> Drummond Estates Drive Harthill Drive	03/25/2021
<b>Division 12</b>				
Iredell	52299	0.06	<b>Falls Cove Parkwood</b> Gable Run Lane	03/29/2021
Iredell	52300	0.13	<b>The Glen</b> Cottage Court	03/26/2021
<b>Division 14</b>				
Jackson	52308	0.20	Extend SR 1331; Dr. Killian Road	03/16/2021

## NCDOT May 6, 2021 Board of Transportation Agenda

### Abandonments from the State Highway System:

County	Petition Number	Length Abandoned (Miles)	Description and/or Subdivision	Date of Report
Division 2				
Lenoir	52301	0.13	SR 1345, Brody Street Retain 0.00 miles	03/17/2021
		0.09	SR 1347, Louise Street Retain 0.00 miles	
		0.36	SR 1348, First Street Retain 0.17 miles	
		0.10	SR 1349, Neuse Haven Road Retain 0.00 miles	
		0.02	SR 1350, Becton Street Retain 0.17 miles	
		0.07	SR 1385, Keith Street Retain 0.00 miles	
		0.13	SR 1386, Rivermont Street Retain 0.00 miles	
		0.04	SR 1387, Jenkins Lane Retain 0.06 miles	
		0.01	SR 1387, Jenkins Lane Retain 0.07 miles	
Pamlico	52302	0.08	SR 1110, Goose Creek Road Retain 2.43 miles	02/23/2021
Division 3				
Onslow	52303	.05	SR 1545, Gus Horne Road Retain 0.10 miles	02/02/2021
Division 9				
Forsyth	52304	0.12	SR 1976, Bowman Road Retain 0.73 miles	03/22/2021
Forsyth	52305	0.05	SR 1985, Pack Drive Retain 0.15 miles	03/22/2021
Division 13				
Rutherford	52306	0.10	SR 1632, Falling Water Lane Retain 0.00 miles	04/08/2021

## NCDOT May 6, 2021 Board of Transportation Agenda

### Abandonments from the State Highway System (Continued):

County	Petition Number	Length Abandoned (Miles)	Description and/or Subdivision	Date of Report
<b>Division 14</b> Jackson	52307	0.17	SR 1331, Dr. Killian Road Retain 0.47 miles After subsequent addition	03/16/2021

**Summary:**                **Number of roads petitioned for addition – 29**  
                                 **Number of roads petitioned for abandonment - 15**

### Corrections to the State Highway System:

County	Requested Action
Franklin And Granville	<p>Petition 48369. The original length of addition for Traylee Drive was listed entirely in Franklin County as 0.18 miles. The correct length of addition should have been listed for approval in the following manner:</p> <p>Petition 48369 - Franklin County – Traylee Drive 0.12 miles Petition 48369 - Granville County – Traylee Drive 0.06 miles</p> <p>This correction is retroactive to September 6, 2007.</p>
Granville	<p>Petition 48368. The original length of addition for Sunflowers Meadow Drive was listed as 0.20 miles. The correct name <b>and</b> length of addition is Sunflower Meadows Lane and 0.28 miles. This correction is retroactive to September 6, 2007.</p>
Wake	<p>Petition 48417. The original length of addition for Sunflower Meadows was listed as 0.30 miles. The correct name <b>and</b> length of addition is Sunflower Meadows Lane and 0.25 miles. This correction is retroactive to November 1, 2007.</p>
Rockingham	<p>Petition 52257 approved on March 4, 2021 incorrectly added SR 3205 Scenic Oaks Drive for 0.29 miles. The distance should be corrected to 0.27 miles retroactive to March 4, 2021.</p>

**NCDOT MAY 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.**

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 7 Guilford	City of Greensboro – WBS 48919 was established (09/19) to realign lanes on eastbound SR 2254 (West Wendover Ave) at Holden Rd (non-system) to create an acceleration lane Increase funds	High Impact / Low Cost <hr/> TOTAL	<hr/> \$3,254.79 \$3,254.79
Div 7 Orange	City of Chapel Hill and Town of Carrboro - WBS 48283 was established (09/18) to remove and replace existing curb & gutter and sidewalk, add pedestrian signals, concrete island, and signal modifications on SR 1010 (E Main St / W Franklin St) from Brewer Ln to Graham St Increase funds	Small Construction <hr/> TOTAL	<hr/> \$13,065.92 \$13,065.92
Div 8 Moore	WBS 2019CPT.08.15.20631 was established (06/19) for installation of pedestrian improvements to include concrete curb & gutter, curb ramp, pavement markings, and pedestrian signal at the intersection of SR 1309 (Morganton Rd) and SR 1931 (Brucewood Rd) Increase funds	Small Construction <hr/> TOTAL	<hr/> \$366.76 \$366.76
Div 10 Cabarrus	WBS 48794 was established (09/15) to construct a four-legged single lane roundabout at the intersection of Irish Potato and Gold Hill Rd Increase funds	High impact / Low Cost <hr/> TOTAL	<hr/> \$5,056.17 \$5,056.17
Div 14 Henderson	WBS 47849 was established (02/18) to add right turn lane, reset curb & gutter, drainage improvements on US 25N at the intersection of SR 1503 Reduce funds	High impact / Low Cost <hr/> TOTAL	<hr/> (\$36,000.00) (\$36,000.00)

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

<b>County</b>	<b>Description</b>	<b>Type</b>	<b>Amount</b>
Div 14 Henderson	Design for adding a left turn lane, signal modification, and replace and upgrade pedestrian accommodations at the intersection of US-25 (Asheville Hwy), SR 1503 (Main St), N Church St WBS 49641	High impact / Low Cost <hr/> TOTAL	\$179,133.14 <hr/> \$179,133.14
Div 14 Jackson	WBS 47855 was established (02/18) to re-align intersection of Skyland Dr and Chipper Curve Rd  Reduce & close	High impact / Low Cost <hr/> TOTAL	(\$143,133.14) <hr/> (\$143,133.14)

<b>Summary:</b>	<b>Number of Divisions</b>	<b>4</b>
	<b>Number of Projects</b>	<b>7</b>
	<b>High Impact / Low Cost Commitment</b>	<b>\$8,310.96</b>
	<b>Small Construction Commitment</b>	<b>\$13,432.68</b>
	<b>Contingency Commitment</b>	<b>\$0.00</b>
	<b>Economic Development Commitment</b>	<b>\$0.00</b>
	<b>Public Access Commitment</b>	<b>\$0.00</b>
	<b>TOTAL:</b>	<b>\$21,743.64</b>

## NCDOT May Board of Transportation Agenda

### Integrated Mobility Division: Public Transportation Program

<u>Division</u>	<u>Project Number</u>	<u>Rural Transit Assistance Program</u>	<u>Estimated Project Cost</u>
Statewide		The Rural Transit Assistance Program (RTAP) provides a source of funding to assist in the design and implementation of training and technical assistance projects and other support services tailored to meet the specific needs of transit operators in nonurbanized areas. The department receives an annual allocation of these funds to develop and implement training and technical assistance programs.	\$280,000.00 Total \$280,000.00 Federal \$0.00 State \$0.00 Local

<u>Division</u>	<u>Project Number</u>	<u>5311</u>	<u>Estimated Project Cost</u>
14		EBCI - EASTERN BAND OF CHEROKEE INDIANS FY22 5311 Capital Program Transfer to FTA	\$69,286.00 Total \$69,286.00 Federal \$0.00 State \$0.00 Local

**Item I - I: Total Projects 2: Total Federal and State Funds \$349,286**

<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	FY2022 – RTAP - Statewide	\$280,000	\$0	\$0	\$280,000
1	FY2022 – 5311 – FTA Transfer - EBCI	\$69,286	\$0	\$0	\$69,286
2	<b>TOTAL</b>	<b>\$349,286</b>	<b>\$0</b>	<b>\$0</b>	<b>\$349,286</b>

## **NCDOT May 2021 Board of Transportation Agenda**

### **Rail Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Division 5 Wake County	Board approval is requested for the inter-agency ownership transfer of the RNCX 400500 Caboose (Illinois Central caboose with extended vision cupola), from the NC Department of Transportation Rail Division to the NC Department of Natural and Cultural Resources - NC Transportation Museum, pursuant to Session Law 2020-91.	\$0
Divisions 4, 5, 7 Durham, Guilford, Johnston, Orange, & Wake Counties 49639	The Rail Division is partnering with the North Carolina Railroad Company in upgrading low speed curves which limit passenger train speeds and create inefficient operations between Greensboro and Selma. Funding is requested for surveying and engineering design activities to improve curves near the town of Hillsborough, which are some of the slowest curves on the corridor.	\$250,000

**ITEM I - 2 SUMMARY – 2 PROJECTS – (TOTAL FEDERAL AND STATE) \$ 250,000**

## **NCDOT May Board of Transportation Agenda**

### **Integrated Mobility Division: Bicycle and Pedestrian Transportation Program**

<b>Town/County Division</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide	Nonmotorized Volume Data Collection Program Funds will be used to provide continued support for IMD's data collection program in coordination with local entities and NC State's Institute for Transportation Research and Education.	\$23,420 Total \$23,420 State

**ITEM I - 3 SUMMARY – 1 PROJECT – (TOTAL STATE) \$23,420**



## NCDOT May 2021 Board of Transportation Agenda

### Aviation Program

Division Airport County	Project Description	Estimate
Division 3 Henderson Field Pender County	<b>Runway Pavement Rehabilitation (Design/Bid) WBS TBD</b> This request will design a mill and overlay of the runway pavement as identified in the most recent pavement inspection as needing rehabilitation. This will also include installation of a painted island and widening of taxiway fillets to meet FAA design standards. <b>(PR# 4279)</b>	\$210,000 Total \$189,000 State \$21,000 Local
Division 3 Duplin County Airport Duplin County	<b>Airfield Drainage System Assessment (Design/Bid) WBS TBD</b> This request will fund an assessment of the existing drainage system that has developed sink holes and failures between the runway and taxiway area. Final report will include type of failures, appropriate repair options, and designing the repair for bidding. <b>(PR# 4493)</b>	\$100,000 Total \$90,000 State \$10,000 Local
Division 4 Tarboro-Edgecombe Airport Edgecombe County	<b>Taxiway Land Acquisition WBS TBD</b> This project will acquire property in the Runway 9 transitional surface that is necessary for construction of the taxiway turnaround currently in design. The Safety Enhancement Program will provide state aid for local match. <b>(PR# 2161)</b>	\$168,000 Total \$168,000 State \$0 Local

## NCDOT May 2021 Board of Transportation Agenda

### Aviation Program

Division 4 Johnston Regional Airport Johnston County	<b>AWOS &amp; Glideslope Critical Area Clearing (CON/CA/RPR) WBS TBD</b> This safety project will remove obstructions penetrating the safety surfaces for weather and navigational aid critical areas. These penetrations have been noted in previous federal inspections and can result in closure of the equipment if not removed. Contract Administration and inspection services are also included. <b>(PR# 3977)</b>	\$536,000 Total \$482,400 State \$53,600 Local
Division 6 Curtis L Brown Field Bladen County	<b>Runway and Apron Rehabilitation (Design/Bid) WBS TBD</b> This request will design a mill and overlay of the runway and apron pavement as identified in the most recent pavement inspection as needing rehabilitation. This will also include removal of direct access and widening of taxiway fillets to meet FAA design standards. <b>(PR# 4267)</b>	\$267,000 Total \$240,300 State \$26,700 Local
Division 8 Moore County Airport Moore County	<b>Land Acquisition – Runway Protection Zone WBS - TBD</b> This request will fund the acquisition of commercial property (storage units) that are located in the runway protection zone and create safety hazards. Acquisition of this property and removal of the facility are necessary to meet FAA safety standards. <b>(PR# 2493)</b>	\$2,600,000 Total \$2,340,000 State \$260,000 Local
Division 9 Davidson County Airport Davidson County	<b>Wildlife Fence Installation Phase 1 (BID/CON/CA/RPR) WBS TBD</b> This request will fund bidding and construction for a section of wildlife fence for the airport perimeter. This need was identified with USDA inspections and will also replace terminal area access gates that can no longer be maintained. <b>(PR# 3511)</b>	\$862,000 Total \$775,800 State \$86,200 Local
Division 11 Elkin Municipal Airport Surry County	<b>Runway 7 Runway Safety Area Extension 36244.68.3.1 (amendment)</b> This request will fund additional construction costs necessary to reimburse	\$353,615 Total \$343,006 State \$10,609 Local

## **NCDOT May 2021 Board of Transportation Agenda**

### **Aviation Program**

installation of the newly constructed  
runway safety area retaining wall.

**(PR# 2219)**

### **ITEM I - 4 SUMMARY – 8 REQUESTS – Total State Aid Cost \$4,628,506**

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

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland/ Halifax/ Harnett/ Johnston/ Nash/ Northampton/ Robeson/ Wilson Cos. Divs. 1/4/6 I-5986C STATEWIDE	WBS 47532.3.4 Innovative Technology and Rural Mobility Corridor Improvements: Install Broadband Fiber along I-95 from the South Carolina Line to the Virginia State Line. Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published January 15, 2021. This project is combined with R-5777D, HO-0002A, HO-0002B, and HO-0002C. <b>This is a Design-Build and federal INFRA grant project.</b> This is a <b>Cash Flow</b> project with \$2,766,667.00 in SFY 21 and \$8,300,000.00 in SFY 22.	\$11,066,667.00
Carteret Co. Div. 2 R-5727 DIVISION	WBS 50219.1.1 SR 1176 (Bridges St. Ext), from SR 1738 (Bridges Street) to SR 1147 (McCabe Road). \$2,495,664.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$75,000.00
Carteret Co. Div. 2 R-5858 STATEWIDE	WBS 47546.1.1 NC 24 at NC 58 intersection improvements. \$753,194.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$40,000.00
Craven Co. Div. 2 R-4463A REGIONAL	WBS 35601.1.R2 NC 43 Connector from US 17 Business to south of US 17/US 70. \$1,960,657.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investment funds are requested. This is a <b>BUILD NC BOND</b> project.	\$70,000.00
Lenoir Co. Div. 2 U-3618 DIVISION	WBS 35775.1.3 Carey Road Extension from SR 1572 (Rouse Road) to US 258. \$1,854,333.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$100,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Pitt Co. Div. 2 R-2250 STATEWIDE	WBS 34411.1.2 NC 11/ NC 903 (Greenville Southwest Bypass) from NC 11 to US 264(Greenville Bypass). \$9,019,496.00 has previously been approved for preliminary engineering. Additional funds are requested. <b>This is a Strategic Transportation Investments Transition project. This project has previously been identified as a Trust Fund Urban Loop project.</b>	\$115,000.00
Pitt Co. Div. 2 U-5785 DIVISION	WBS 44357.1.1 SR 1708 (Firetower Road) from NC 43 (Charles Boulevard) to SR 1704 (Fourteenth Street) in Greenville. \$1,417,903.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$80,000.00
Craven/ Carteret/ Johnston/ Lenoir/ Wake/ Wayne Cos. Divs. 2/4/5 R-5777D STATEWIDE	WBS 44648.3.5 Innovative Technology and Rural Mobility Corridor Improvements: Install Broadband Fiber along US 70 (Future I-42) from I-40 (Exit 309) to the North Carolina Port Authority in Morehead City. Initial funds are requested for construction based on the estimate from the 12-Month Tentative Letting List published January 15, 2021. This project is combined with I-5986C, HO-0002A, HO-0002B, and HO-0002C. <b>This is a Design-Build and federal INFRA grant project. This is a Cash Flow</b> project with \$1,900,000.00 in SFY 21 and \$5,700,000.00 in SFY 22.	\$7,600,000.00
Wake Co. Div. 5 AV-5700 STATEWIDE	WBS 46315.1.1 Raleigh Durham International Airport (RDU). Reconstruct Runway 5L-23R. Initial funds are requested for preliminary engineering.	\$500,000.00
Cumberland Co. Div. 6 U-2519BAA DIVISION	WBS 34817.3.6 Camden Road/ McBryde Road debris clean up. Initial funds are requested for construction.	\$30,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Cumberland Co. Div. 6 U-5798A DIVISION	WBS 44369.2.2 SR 1102 (Gillis Hill Road) from north of SR 1112 (Stoney Point Road) to US 401(Raeford Road). \$2,432,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$1,500,000.00
Cumberland Co. Div. 6 U-5798A DIVISION	WBS 44369.2.5 SR 1102 (Gillis Hill Road) from north of SR 1112 (Stoney Point Road) to US 401(Raeford Road). Initial funds are requested for utilities.	\$600,000.00
Guilford Co. Div. 7 U-4015A DIVISION	WBS 35013.2.4 SR 1556 (Gallimore Dairy Road) from NC 68 to Airpark Road. Initial funds are requested for full right of way. This is a <b>Cash Flow</b> project with \$175,000.00 in SFY 21 and \$525,000.00 in SFY 22.	\$700,000.00
Richmond Co. Div. 8 R-3421CA REGIONAL	WBS 34542.1.3 US 220 at SR 1336 (Billy Covington Road). Initial funds are requested for preliminary engineering.	\$45,600.00
Stanly Co. Div. 10 R-5965A DIVISION	WBS 49190.3.2 NC 205/SR 1108 (Lighthouse Road) at SR 1109 (Buster Road) intersection and SR 1110 (Swift Road) at Charlotte Pipe Facility. Initial funds are requested for construction. This is a <b>Cash Flow</b> project with \$601,250.00 in SFY 21 and \$1,803,750.00 in SFY 22.	\$2,405,000.00

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

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Alexander Co. Div. 12 R-5870 DIVISION	WBS 47917.3.1 Construct access road into Alexander Industrial Park. Initial funds are requested for construction.	\$500,000.00
Buncombe Co. Div. 13 U-5971AA REGIONAL	WBS 45959.2.4 US 19 (Patton Avenue) and NC 63 (New Leicester Highway). Initial funds are requested for full right of way and utilities.	\$100,000.00
Henderson Co. Div. 14 U-5887 DIVISION	WBS 44634.3.1 SR 1783 (Highland Lake Road) from NC 225 to US 176. \$2,894,495.00 has previously been approved for construction. Additional funds are requested.	\$2,110,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	5 PROJECTS	\$19,321,667.00
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	3 PROJECTS	\$215,600.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	10 PROJECTS	\$8,100,000.00
<b>STRATEGIC TRANSPORTATION INVESTMENTS</b>	<b>18 PROJECTS</b>	<b>\$27,637,267.00</b>

**NCDOT May 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**

<b>Town/ County Division PROJ. CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wesley Chapel/ Union Co. Div. 10 SM-5710F	WBS 47906.1.1 NC 84 and SR 1162 (Potter Road)/ SR 1377 (Wesley Chapel Rd) in Wesley Chapel. \$118,094.00 in Spot Mobility preliminary engineering funds has previously been approved for roundabout installation. This project was set up only as a 20% companion match to allocated STBG-DA funds for U-6247 (49223). Transfer \$109,000.00 from SM-5710F (47906.1.1) to U-6247 (49223.1.1) to cover the 20% match needed, reduce remaining preliminary engineering funds, and close 47906.1.1. File 10-17-223-4	-\$8,646.22
<b>ITEM L SUMMARY</b>	<b>1 PROJECT</b>	<b>-\$8,646.22</b>



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

**Division 1**

**Supportive Services Work Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Hertford Co. M-0460DF EXEMPT	50084.1.40, Federal No. NSTI013 National Summer Transportation Institute (NSTI). Funds are needed for the 2021 NSTI Student Program at Roanoke- Chowan Community College.	\$48,664.00 \$48,664.00	Cost Fed.
Martin Co. M-0460MA EXEMPT	50084.1.37, Federal No. NSTI010 National Summer Transportation Institute (NSTI). Funds are needed for the 2021 NSTI Student Program at Martin Community College.	\$36,250.00 \$36,250.00	Cost Fed.
Pasquotank Co. M-0460AP EXEMPT	50084.1.35, Federal No. NSTI008 National Summer Transportation Institute (NSTI). Funds are needed for the 2021 NSTI High School Student Program at Elizabeth City State University (ECSU).	\$58,359.00 \$58,359.00	Cost Fed.
Pasquotank Co. M-0460AQ EXEMPT	50084.1.36, Federal No. NSTI009 National Summer Transportation Institute (NSTI). Funds are needed for the 2021 NSTI Middle School Student Program at Elizabeth City State University (ECSU).	\$59,999.00 \$59,999.00	Cost Fed.

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

**Division 2**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Lenoir Co. B-5619 DIVISION	45574.3.1, BRZ-1389(003) Replace Bridge #52 over the Neuse River and Replace Bridge #152 over Neuse River Overflow on SR 1389 (Hardy Bridge Road). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published March 16, 2021. <b>This is a three-year cash flow project with Federal funds of \$2,080,000.00 in FY21, FY22, and FY23. State match funds are also cashflowed with \$520,000.00 in FY21, FY22, and FY23.</b>	\$7,800,000.00 Cost \$6,240,000.00 Fed. \$1,560,000.00 State

**Rural**

Craven Carteret Johnston Lenoir Wake Wayne Wilson R-5777D EXEMPT	44648.3.5, Federal No. 0070235 Install Broadband Fiber along US 70 (Future I-42) from I-40 (Exit 309) to the North Carolina Port Authority in Morehead City. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published January 15, 2021. This project is combined for letting with I-5986C, HO-0002A, HO-0002B, and HO-0002C (each project will be funded separately). <b>This is a Design-Build project. This is a Federal Infrastructure for Rebuilding America (INFRA) Grant project.</b>	\$11,400,000.00 Cost \$11,400,000.00 Fed.
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**NCDOT May 2021 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 3**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Duplin/ Pender Co. I-5940 STATEWIDE	45883.3.GV1, STBGIM-0040(075) I-40 from east of the Sampson-Duplin County Line to west of US 117. \$50,233,334.00 has previously been approved for construction. Funds need to be decreased (\$12,075,743.00) to reflect the low bid received on August 20, 2019.	(\$12,075,743.00) Cost (\$9,742,410.00) Fed. (\$2,333,333.00) State

**Urban**

New Hanover Co. U-5534Q DIVISION	44096.1.18, STPDA-0332(061) NC 132 (South College Street) at Holly Tree Road in Wilmington. \$56,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$21,265.00 Cost \$17,012.00 Fed. \$4,253.00 Local
New Hanover Co. U-5534S DIVISION	44096.3.20, STPDA-0332(062) Install sidewalks along the east side of Coral Drive from US 76 (Causeway Drive) to Fourth Avenue in Wrightsville Beach. Funds are needed for construction to install sidewalks.	\$420,290.00 Cost \$336,232.00 Fed. \$84,058.00 Local
New Hanover Co. U-6234 DIVISION	48930.1.1, Federal No. 0332140 Wilmington Multi-Modal Transportation Center (Phase 1B). \$316,730.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$15,835.00 Cost \$12,668.00 Fed. \$3,167.00 Local

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

**Division 5**

**Congestion Mitigation**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Wake Co. C-5604OF EXEMPT	43714.2.17, CMAQ-0520(123) Blue Ridge Road Bicycle and Pedestrian Improvements including a pedestrian bridge over Wade Avenue. Funds are needed for full right of way and utilities.	\$123,650.00 Cost \$96,447.00 Fed. \$27,203.00 Local
<b>Urban</b>		
Wake Co. U-5501 DIVISION	45488.3.1, STPDA-1650(005) SR 1650 (Reedy Creek Road) from NC 54 (Northeast Maynard Road) to SR 1652 (Harrison Avenue) in Cary. \$5,908,403.00 has previously been approved for construction. Funds need to be decreased (\$157,781.00). These funds will be reauthorized on R-5501A to cover additional right of way and utility costs.	(\$157,781.00) Cost (\$126,224.00) Fed. (\$31,557.00) Local
Wake Co. U-5501A DIVISION	45488.2.3, STBGDA-1650(006) SR 1650 (Reedy Creek Road) from SR 1652 (Harrison Avenue) to south of Watts Pond Lane in Cary. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$157,781.00 Cost \$126,224.00 Fed. \$31,557.00 Local
Wake Co. U-6225 DIVISION	48813.2.1, Federal No. 2700003 Install single-lane roundabout at the intersection of SR 2700 (White Oak Road), SR 2709 (Ackerman Road), and SR 2547 (Hebron Church Road) in Garner. Funds are needed for full right of way.	\$174,000.00 Cost \$130,500.00 Fed. \$43,500.00 Local
Wake Co. U-6225 DIVISION	48813.2.2, Federal No. 2700003 Install single-lane roundabout at the intersection of SR 2700 (White Oak Road), SR 2709 (Ackerman Road), and SR 2547 (Hebron Church Road) in Garner. Funds are needed for utility relocations.	\$411,720.00 Cost \$308,790.00 Fed. \$102,930.00 Local
Wake Co. U-6244 EXEMPT	49186.1.1, Federal No. 1007041 US 64 Business (Wendell Boulevard) at SR 1007 (Wendell Falls Parkway) in Wendell. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$7,500.00 Fed. \$2,500.00 Local

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

**Division 5 (Continued)**

**Supportive Services Work Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Durham Co. M-0460EF EXEMPT	50084.1.39, Federal No. NSTI012 National Summer Transportation Institute (NSTI). Funds are needed for the 2021 NSTI Student Program at North Carolina Central University (NCCU).	\$17,500.00 Cost \$17,500.00 Fed.

**Bicycle and Pedestrian**

Wake Co. EB-6048 DIVISION	49178.1.1, Federal No. 2346001 US 64 Business (Wendell Boulevard) from north of SR 2346 (Hanor Lane) to east of SR 2353 (Old Wilson Road) in Wendell. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 Local
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**NCDOT May 2021 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 6**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Cumberland Robeson Harnett Johnston Nash Wilson Halifax I-5986C EXEMPT	47532.3.4, Federal No. 0095071 Install Broadband Fiber along I-95 from the South Carolina Line to the Virginia State Line. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published January 15, 2021. This project is combined for letting with R-5777D, HO-0002A, HO-0002B, and HO-0002C (each project will be funded separately). <b>This is a Design-Build project. This is a Federal Infrastructure for Rebuilding America (INFRA) Grant project.</b>	\$16,600,000.00 \$16,600,000.00	Cost Fed.

**Urban**

Cumberland Co. U-2519BA REGIONAL	34817.2.17, NHF-0100(024) Fayetteville Outer Loop from south of SR 1003 (Camden Road) to south of SR 1104 (Strickland Bridge Road). \$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.	\$2,500,000.00 \$2,000,000.00 \$500,000.00	Cost Fed. State
Cumberland Co. U-2519BB REGIONAL	34817.2.11, NHF-0100(025) Fayetteville Outer Loop (Future I-295) from south of SR 1104 (Strickland Bridge Road) to south of US 401 (South Raeford Road). Funds are needed for utility relocations.	\$1,600,000.00 \$1,280,000.00 \$320,000.00	Cost Fed. State
Cumberland Co. U-2519CA STATEWIDE	34817.3.13, NHP-0620(031) Fayetteville Outer Loop from south of US 401 to south of SR 1400 (Cliffdale Road). This project is combined with B-5516: Replace Bridge #14 over Bones Creek / Lake Rim Runoff on SR 3569 (Raeford Road). \$116,320,187.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$6,830,864.00 \$5,464,691.00 \$1,366,173.00	Cost Fed. State

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

**Division 6 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Harnett Co. W-5806D REGIONAL	48951.2.5, Federal No. 0027023 NC 27 at SR 1703 (Red Hill Church Road), SR 1703 (Red Hill Church Road) at SR 1581 (Bailey Crossroads Road), and NC 27 at SR 1581 (Bailey Crossroads Road / SR 1705 (Fairground Road) near Coats. Funds are needed for full right of way and utilities.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State

**Bicycle and Pedestrian**

Cumberland Co. EB-6031 DIVISION	48752.3.1, TAP-0401(303) US 401 (Ramsey Street) from SR 1611 (Andrews Road) to Summerchase Drive in Fayetteville. Funds are needed for construction to install sidewalks.	\$85,000.00 Cost \$68,000.00 Fed. \$17,000.00 Local
Cumberland Co. U-5528FA DIVISION	50078.3.3, TAPDA-0620(040) SR 1615 (Rosehill Road) from US 401 (Country Club Drive) to SR 1614 (Shaw Mille Road) in Fayetteville. Funds are needed for construction to install sidewalks.	\$845,625.00 Cost \$676,500.00 Fed. \$169,125.00 Local

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

**Division 7**

**Supportive Services Work Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Guilford Co. M-0460GF EXEMPT	50084.1.38, Federal No. NSTI011 National Summer Transportation Institute (NSTI). Funds are needed for the 2021 NSTI Student Program at North Carolina A&T State University.	\$60,000.00 Cost \$60,000.00 Fed.

**Bicycle and Pedestrian**

Guilford Co. EB-5519 EXEMPT	50035.3.1, STPEB-0712(004) Lydia Greenway Trail along SR 4121 (East Main Street) from the Jamestown Municipal Building to Guilford Technical Community College / Ragsdale High School Complex in Jamestown. \$850,000.00 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.	\$665,996.00 Cost \$532,796.00 Fed. \$133,200.00 State
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**NCDOT May 2021 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 8**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Moore Co. W-5808C DIVISION	48953.3.4, Federal No. 2055001 SR 2055 (North Poplar Street) at West Maple Avenue in Aberdeen. Funds are needed for construction to install an all- way stop.	\$14,000.00 Cost \$12,600.00 Fed. \$1,400.00 State

**Rural**

Chatham/ Randolph Co. R-5788GA DIVISION	44918.3.14, Federal No. 0801032 ADA Ramps (Americans with Disabilities Act) for areas with populations greater than 5,000 (TA5200). Funds are needed for construction to install curb ramps and retrofit existing ramps to current standards. State match for this project uses Division 8 Contract Resurfacing funds.	\$91,000.00 Cost \$72,800.00 Fed. \$18,200.00 State
Chatham/ Randolph Co. R-5788GB DIVISION	44908.3.15, Federal No. 0801033 ADA Ramps (Americans with Disabilities Act) for areas with populations less than 5,000 (TALT5). Funds are needed for construction to install curb ramps and retrofit existing ramps to current standards. State match for this project uses Division 8 Contract Resurfacing funds.	\$101,000.00 Cost \$80,800.00 Fed. \$20,200.00 State
Moore/ Richmond Co. R-5788HB DIVISION	44918.3.17, Federal No. 0801035 ADA Ramps (Americans with Disabilities Act) for areas with populations less than 5,000 (TALT5). Funds are needed for construction to install curb ramps and retrofit existing ramps to current standards. State match for this project uses Division 8 Contract Resurfacing funds.	\$23,000.00 Cost \$18,400.00 Fed. \$4,600.00 State
Scotland Co. R-5788HA DIVISION	44918.3.16, Federal No. 0801034 ADA Ramps (Americans with Disabilities Act) for areas with populations greater than 5,000 (TA5200). Funds are needed for construction to install curb ramps and retrofit existing ramps to current standards. State match for this project uses Division 8 Contract Resurfacing funds.	\$74,000.00 Cost \$59,200.00 Fed. \$14,800.00 State

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

**Division 9**

**Interstate**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Davie Co. I-6003 STATEWIDE	47957.1.1, Federal No. 0040111 I-40 in Davie County from SR 1436 (Pinebrook School Road) to west of NC 801. Funds are needed for preliminary engineering.	\$40,000.00 Cost \$32,000.00 Fed. \$8,000.00 State

**Urban**

Forsyth Co. U-5617 DIVISION	47082.3.1, STBGDA-1173(005) SR 1173 (Williams Road) from the roundabout east of US 421 to west of the roundabout at SR 1001 (Shallowford Road), and improvements at the roundabouts west and east of Bridge #187 over US 421. Funds are needed for construction to install sidewalks and intersection improvements.	\$806,000.00 Cost \$644,800.00 Fed. \$161,200.00 Local
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**Supportive Services Work Program**

Forsyth Co. M-0460IC EXEMPT	50084.1.41, Federal No. NSTI014 National Summer Transportation Institute (NSTI). Funds are needed for the 2021 NSTI Student Program at Winston-Salem State University (WSSU).	\$50,700.00 Cost \$50,700.00 Fed.
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**NCDOT May 2021 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 10**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Union Co. U-3467 REGIONAL	39019.2.1, STP-1316(10) SR 1316 (Rea Road Extension) from NC 16 to SR 1008 (Waxhaw Indian Trail Road) in Wesley Chapel. \$16,050,000.00 has previously been approved for right of way acquisition. Funds need to be decreased (\$15,261,191.00). Right of way work for this project has been delayed until 2026. The funds are being withdrawn in the Federal system. The WBS will be temporarily closed.	(\$15,261,191.00) Cost (\$12,840,000.00) Fed. (\$2,421,191.00) State

**Bridge**

Anson Co. B-5988 DIVISION	47700.2.1, STBG-1027(003) Replace Bridge #316 over the Upper Tributary to Lampley Branch on Burns Street in Wadesboro. Funds are needed for full right of way. This is a municipal bridge project.	\$19,000.00 Cost \$15,200.00 Fed. \$3,800.00 Local
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**Safety**

Mecklenburg Co. W-5710S DIVISION	44856.2.19, HSIP-2108(002) SR 2108 (Sunset Avenue) at SR 2019 (Peachtree Road) in Charlotte. \$50,000.00 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.	\$180,000.00 Cost \$162,000.00 Fed. \$18,000.00 State
Stanly Co. W-5710AG DIVISION	44856.3.35, HSIP-1542(013) SR 1542 (Ridge Street) at SR 1545 (Mountain View Church Road) near Albemarle. Funds are needed for construction to install a roundabout.	\$1,050,000.00 Cost \$945,000.00 Fed. \$105,000.00 State
Union Co. W-5710AA DIVISION	44856.2.27, HSIP-1004(067) SR 1004 (Lawyers Road) at Hawthorne Drive / Emerald Lake Drive in Stallings. Funds are needed for full right of way and utilities.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State

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

**Division 10 (Continued)**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Union Co. Y-5500JC DIVISION	45533.2.5, Federal No. 1432008 Railway-Highway Crossing closure at SR 1432 (Tory Path Road) and CSX Transportation Crossing 638 898H near Waxhaw. Funds are needed for full right of way and utilities.	\$1,250,000.00 Cost \$1,125,000.00 Fed. \$125,000.00 State

**Bicycle and Pedestrian**

Union Co. EB-5931 DIVISION	47696.1.1, STBGDA-1003(176) SR 1008 (Indian Trail Road) from SR 1371 (South Fork Road) to Liberty Lane in Indian Trail. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested for ongoing DOT oversight and administration costs.	\$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 Local
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**NCDOT May 2021 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 11**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Watauga Co. B-5979 DIVISION	47431.2.1, STP-1104(020) Replace Bridge #346 over South Fork New River on Hunting Hills Lane in Boone. Funds are needed for full right of way and utilities. This is a Municipal Bridge project.	\$15,050.00 Cost \$12,040.00 Fed. \$3,010.00 Local

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

**Division 12**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Catawba Co. U-4700A STATEWIDE	35993.1.7, NHP-0321(039) US 321 from US 70 in Hickory to US 321 Alternate. \$6,750,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$4,131,000.00 Cost \$3,304,800.00 Fed. \$826,200.00 State
Iredell Co. U-6239 EXEMPT	49108.1.1, Federal No. 1226023 Silicon Shores East-West Connector between NC 115 (Mecklenburg Highway) and SR 1102 (Langtree Road) in Mooresville. \$1,013,725.00 has previously been approved for preliminary engineering. Additional funds are needed as requested. <b>This is a Federal BUILD Grant project.</b>	\$420,000.00 Cost \$336,000.00 Fed. \$84,000.00 Local
Iredell Co. U-6249 EXEMPT	49226.1.1, Federal No. 0115013 NC 115 (Mecklenburg Highway) at SR 1102 (Langtree Road) and Hobbs Lane in Mooresville. Funds are needed for preliminary engineering.	\$560,000.00 Cost \$448,000.00 Fed. \$112,000.00 Local

**Rural**

Alexander Co. R-5870 EXEMPT	47917.3.1, APD-1232(007) Construct access road to Alexander Industrial Park. Funds are needed for construction to install a local access road. <b>This is an Appalachian Development Project.</b>	\$1,175,000.00 Cost \$1,175,000.00 Fed.
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**NCDOT May 2021 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Division 13**

**Bridge**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>	
Buncombe Co. B-6018 DIVISION	48213.2.1, BRZ-1296(003) Replace Bridge #536 over Newfound Creek on SR 1296 (Brooks Branch Road). Funds are needed for full right of way and utilities.	\$55,000.00 \$44,000.00 \$11,000.00	Cost Fed. State
Burke Co. B-6015 DIVISION	48210.2.1, BRZ-1913(006) Replace Bridge #237 over Rock Creek on SR 1913 (Sugar Loaf Road). Funds are needed for full right of way and utilities.	\$100,000.00 \$80,000.00 \$20,000.00	Cost Fed. State
Burke/ Buncombe Co. B-6015 DIVISION	48210.3.1, BRZ-1913(006) Replace Bridge #237 over Rock Creek on SR 1913 (Sugar Loaf Road). This project is combined with B-6018: Replace Bridge #536 over Newfound Creek on SR 1296 (Brooks Branch Road). Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published March 16, 2021. <b>This is a Design-Build Project.</b>	\$1,400,000.00 \$1,120,000.00 \$280,000.00	Cost Fed. State

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

**Division 14**

**Urban**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Henderson Co. U-5872 EXEMPT	46415.3.1, STPDA-0025(037) US 25 (Hendersonville Road) from SR 1545 (Cane Creek Road) to SR 1006 (Howard Gap Road). \$1,944,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$28,398.00 Cost \$22,718.00 Fed. \$5,680.00 Local

**Safety**

Divisionwide HS-2014C STATEWIDE	49336.1.4, Federal No. 2014005 Pavement marking upgrades on freeway ramps in Haywood, Henderson, Macon, Polk and Swain Counties. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Jackson Co. HS-2014B REGIONAL	49336.1.3, 1157007 SR 1157 (Cullowhee Mountain Road) near Cullowhee. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Jackson Co. HS-2014D DIVISION	49336.1.5, Federal No. 1325007 SR 1325 (Centennial Drive) from SR 1169 (Central Drive) to just west of SR 1330 (Centennial Drive) on Western Carolina University campus in Cullowhee. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Polk Co. W-5814B STATEWIDE	48959.3.3, Federal No. 0074238 US 74 Westbound in Polk County from I-26 to the Rutherford County Line. Funds are needed for construction to upgrade guardrail end terminals.	\$199,000.00 Cost \$179,100.00 Fed. \$19,900.00 State
Polk Co. W-5814C STATEWIDE	48959.3.4, Federal No. 0074239 US 74 Eastbound in Polk County from I-26 to the Rutherford County Line. Funds are needed for construction to upgrade guardrail end terminals.	\$179,000.00 Cost \$161,100.00 Fed. \$17,900.00 State



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

**Division 14 (Continued)**

**Safety**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Transylvania Co. W-5601DUB REGIONAL	50138.3.252, Federal No. 0276020 US 276 from the South Carolina State Line to SR 1118 (Gallimore Road) near Brevard. Funds are needed for construction to install and upgrade guardrails.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State

**Rural**

Transylvania Co. R-5794I DIVISION	44910.3.11, Federal No. 1116014 ADA Ramps (Americans with Disabilities Act) along SR 1116 (North Country Club Road) in Brevard (TA5200). Funds are needed for construction to install curb ramps and retrofit existing ramps to current standards. State match for this project uses Division 14 Contract Resurfacing funds.	\$70,000.00 Cost \$56,000.00 Fed. \$14,000.00 State
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**NCDOT May 2021 Board of Transportation Agenda  
Approval of Funds for Specific Federal - Aid Projects**

**Statewide**

**Rail Program**

<b>Town/ County/PROJ CATEGORY</b>	<b>Project Description</b>	<b>Estimated Cost</b>
Statewide	45533.2.3, RR-000S(773)	\$2,500.00 Cost
Y-5500	Evaluation, design, and implementation of rail crossing	\$2,250.00 Fed.
DIVISION	closures across North Carolina. Funds are needed to cover the costs of right of way claims associated with access.	\$250.00 State

**ITEM M SUMMARY - 59 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$34,366,305.00**

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

**DIVISION 2**

* B-4593 PAMLICO <b>PROJ.CATEGORY</b> REGIONAL	NC 55, BRIDGE 38 OVER THE TRENT CREEK ON NC 55. <u><b>ADD PROJECT TO STIP AT THE REQUEST OF STRUCTURES MANAGEMENT.</b></u>	CONSTRUCTION	FY 2022 -	<u>\$4,200,000</u> \$4,200,000	(NHPB)
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* B-4786 PITT <b>PROJ.CATEGORY</b> REGIONAL	US 13, BRIDGE 38 OVER THE TAR RIVER ON US 13 IN GREENVILLE. <u><b>ADD PROJECT TO STIP AT THE REQUEST OF STRUCTURES MANAGEMENT.</b></u>	CONSTRUCTION	FY 2022 - FY 2023 -	<u>\$4,100,000</u> <u>\$4,100,000</u> \$8,200,000	(NHPB) (NHPB)
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**DIVISION 4**

* HI-0008 JOHNSTON <b>PROJ.CATEGORY</b> STATEWIDE	I-95, I-95 FROM MILE MARKER 97 TO MILE MARKER 101. PAVEMENT REHABILITATION. <u><b>PROJECT ADDED TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</b></u>	CONSTRUCTION	FY 2021 -	<u>\$6,603,000</u> \$6,603,000	(NHPIM)
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**DIVISION 5**

* B-4654 WAKE <b>PROJ.CATEGORY</b> REGIONAL	NC 50, REPLACE BRIDGE 910069 OVER US 70 IN GARNER. <u><b>PROJECT WILL UTILIZE FEDERAL FUNDS.</b></u>	CONSTRUCTION	FY 2022 -	<u>\$9,000,000</u> \$9,000,000	(NHPB)
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* HI-0001 GRANVILLE DURHAM <b>PROJ.CATEGORY</b> STATEWIDE	I-85 / US 15, NORTH OF SR 1637 (REDWOOD ROAD) IN DURHAM COUNTY TO SOUTH OF US 15 / SR 1100 (GATE ONE ROAD) IN GRANVILLE COUNTY. PAVEMENT REHABILITATION. <u><b>PROGRAMMED TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</b></u>	CONSTRUCTION	FY 2021 -	<u>\$2,600,000</u> \$2,600,000	(NHPIM)
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**DIVISION 7**

* B-5717 GUILFORD <b>PROJ.CATEGORY</b> DIVISION	SR 4240 (GATE CITY BOULEVARD), REPLACE BRIDGE 400109 AND BRIDGE 400121 OVER SOUTH BUFFALO CREEK IN GREENSBORO. <u><b>PROJECT WILL UTILIZE FEDERAL FUNDS.</b></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - FY 2021 - FY 2022 -	\$710,000 \$165,000 <u>\$7,100,000</u> \$7,975,000	(S) (S) (NHPB)
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**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 7**

<p>* TU-0002 GUILFORD <b>PROJ.CATEGORY</b> PUBLIC TRANS</p>	<p>GTA, THE CITY OF GREENSBORO WILL RECEIVE FUNDING TO PREPARE A TECHNICAL PLAN TO ESTABLISH WHAT WILL BE REQUIRED TO PROVIDE FREE BROADBAND INTERNET ACCESS IN LOW - INCOME AREAS USING TRANSIT, TRANSPORTATION AND OTHER PUBLIC INFRASTRUCTURE.</p> <p><b><u>ADD PROJECT IN FY 2021 AT THE REQUEST OF THE MPO. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u></b></p>	<p>PLANNING</p>	<p>FY 2021 - <u>\$234,000</u> (5305) \$234,000</p>
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**DIVISION 8**

<p>* BR-0035 MOORE <b>PROJ.CATEGORY</b> REGIONAL</p>	<p>NC 22, REPLACE BRIDGE 620062 OVER NICKS CREEK IN CARTHAGE.</p> <p><b><u>PROJECT WILL UTILIZE FEDERAL FUNDS.</u></b></p>	<p>CONSTRUCTION</p>	<p>FY 2022 - <u>\$2,550,000</u> (NHPB) \$2,550,000</p>
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<p>* HI-0002 RANDOLPH <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>I-85, DAVIDSON COUNTY LINE TO SR 1009 (SOUTH MAIN STREET) IN ARCHDALE. PAVEMENT REHABILITATION.</p> <p><b><u>PROGRAMMED TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</u></b></p>	<p>CONSTRUCTION</p>	<p>FY 2022 - \$7,209,000 (NHPIM) FY 2023 - <u>\$7,209,000</u> (NHPIM) \$14,418,000</p>
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**DIVISION 9**

<p>* TL-0014 DAVIDSON <b>PROJ.CATEGORY</b> PUBLIC TRANS</p>	<p>DAVIDSON COUNTY TRANSPORTATION SYSTEM, INSTALLING COVERED BUS SHELTERS WITH ADA ACCESS TO MAJOR STOPS SUCH AS WALMART AND BIG LOTS.</p> <p>INSTALL SIMME SEATS AT THE REMAINDER OF BUS STOPS. SIMME SEATS PROVIDE TWO SEATS ATTACHED TO THE BUS STOP SIGN POLE.</p> <p><b><u>ADD PROJECT IN FY 2021 AT THE REQUEST OF THE MPO. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u></b></p>	<p>CAPITAL</p>	<p>FY 2021 - \$112,000 (BGDA) FY 2021 - <u>\$28,000</u> (L) \$140,000</p>
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**DIVISION 14**

<p>* HB-0002 HAYWOOD <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>I-40, REPLACE BRIDGES 430248 AND 430249 OVER BEAVERDAM ROAD.</p> <p><b><u>PROGRAMMED FOR PRELIMINARY ENGINEERING ONLY AT THE REQUEST OF THE STRUCTURES MANAGEMENT UNIT.</u></b></p>
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**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP ADDITIONS**

**DIVISION 14**

<p>* HB-0003 HAYWOOD <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>I-40, REPLACE BRIDGE 430239 OVER INCINERATOR ROAD. <u><b>PROGRAMMED FOR PRELIMINARY ENGINEERING ONLY AT THE REQUEST OF THE STRUCTURES MANAGEMENT UNIT.</b></u></p>
<p>* HB-0004 HAYWOOD <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>I-40, REPLACE BRIDGE 430243 OVER CHAMPION DRIVE. <u><b>PROGRAMMED FOR PRELIMINARY ENGINEERING ONLY AT THE REQUEST OF THE STRUCTURES MANAGEMENT UNIT.</b></u></p>

<p>* HB-0005 HAYWOOD <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>I-40, REPLACE BRIDGES 430205 AND 430208 OVER COLEMAN MOUNTAIN ROAD. <u><b>PROGRAMMED FOR PRELIMINARY ENGINEERING ONLY AT THE REQUEST OF THE STRUCTURES MANAGEMENT UNIT.</b></u></p>
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<p>* HB-0006 HAYWOOD <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>US 74, REPLACE BRIDGE 430126 OVER I-40. <u><b>PROGRAMMED FOR PRELIMINARY ENGINEERING ONLY AT THE REQUEST OF THE STRUCTURES MANAGEMENT UNIT.</b></u></p>
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**STIP MODIFICATIONS**

**DIVISION 1**

<p>B-5610 DARE <b>PROJ.CATEGORY</b> REGIONAL</p>	<p>NC 12, REPLACE BRIDGE 270008 OVER CANAL. <u><b>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 21 AND CONSTRUCTION FROM FY 23 TO FY 22 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</b></u></p>	<table border="0"> <tr> <td>RIGHT-OF-WAY</td> <td>FY 2021 -</td> <td>\$70,000</td> <td>(NHPB)</td> </tr> <tr> <td>UTILITIES</td> <td>FY 2021 -</td> <td>\$190,000</td> <td>(NHPB)</td> </tr> <tr> <td>CONSTRUCTION</td> <td>FY 2022 -</td> <td>\$1,404,000</td> <td>(NHPB)</td> </tr> <tr> <td></td> <td></td> <td><u>\$1,664,000</u></td> <td></td> </tr> </table>	RIGHT-OF-WAY	FY 2021 -	\$70,000	(NHPB)	UTILITIES	FY 2021 -	\$190,000	(NHPB)	CONSTRUCTION	FY 2022 -	\$1,404,000	(NHPB)			<u>\$1,664,000</u>	
RIGHT-OF-WAY	FY 2021 -	\$70,000	(NHPB)															
UTILITIES	FY 2021 -	\$190,000	(NHPB)															
CONSTRUCTION	FY 2022 -	\$1,404,000	(NHPB)															
		<u>\$1,664,000</u>																
<p>* I-6028C MARTIN <b>PROJ.CATEGORY</b> STATEWIDE</p>	<p>US 64 (FUTURE I-87), NC 125 TO US 13/17 AND US 64 INTERCHANGE. <u><b>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 22 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</b></u></p>	<table border="0"> <tr> <td>CONSTRUCTION</td> <td>FY 2022 -</td> <td>\$5,400,000</td> <td>(NHPIM)</td> </tr> <tr> <td></td> <td></td> <td><u>\$5,400,000</u></td> <td></td> </tr> </table>	CONSTRUCTION	FY 2022 -	\$5,400,000	(NHPIM)			<u>\$5,400,000</u>									
CONSTRUCTION	FY 2022 -	\$5,400,000	(NHPIM)															
		<u>\$5,400,000</u>																

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

**DIVISION 1**

R-2574	US 158 (SHORTCUT ROAD), EAST OF NC 34	RIGHT-OF-WAY	FY 2026 -	\$12,075,000	(T)
CURRITUCK	(SHAWBORO ROAD) AT BELCROSS IN CAMDEN		FY 2027 -	\$12,076,000	(T)
CAMDEN	COUNTY TO US 158/NC 168 (CARATOKE HIGHWAY) IN	UTILITIES	FY 2026 -	\$3,103,000	(T)
<b>PROJ.CATEGORY</b>	CURRITUCK COUNTY. WIDEN TO MULTI-LANES.	BUILD NC CON	FY 2028 -	\$6,006,000	(T)
REGIONAL	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>		FY 2029 -	\$6,006,000	(T)
			POST YR-	\$78,078,000	(T)
		CONSTRUCTION	FY 2028 -	\$3,500,000	(T)
				\$120,844,000	

R-5937	SR 1106 (MORATTOCK ROAD), SR 1100 (LONG RIDGE	RIGHT-OF-WAY	FY 2028 -	\$400,000	(T)
WASHINGTON	ROAD) TO NC 32 SOUTH. MODERNIZE ROADWAY.	UTILITIES	FY 2028 -	\$900,000	(T)
<b>PROJ.CATEGORY</b>	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	CONSTRUCTION	POST YR-	\$12,300,000	(T)
DIVISION				\$13,600,000	

**DIVISION 2**

R-5777C	US 70, EAST OF THURMAN ROAD TO HAVELOCK	RIGHT-OF-WAY	FY 2023 -	\$14,565,000	(T)
CRAVEN	BYPASS. UPGRADE ROADWAY TO FREEWAY AND		FY 2024 -	\$14,565,000	(T)
<b>PROJ.CATEGORY</b>	CONSTRUCT SERVICE ROADS.	UTILITIES	FY 2023 -	\$6,672,000	(T)
STATEWIDE	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>		FY 2024 -	\$6,673,000	(T)
		CONSTRUCTION	FY 2023 -	\$42,125,000	(T)
			FY 2024 -	\$42,125,000	(T)
			FY 2025 -	\$42,125,000	(T)
			FY 2026 -	\$42,125,000	(T)
				\$210,975,000	

R-5898	NC 58 (KINGOLD BOULEVARD), SR 1105 (GREENRIDGE	RIGHT-OF-WAY	FY 2027 -	\$200,000	(T)
GREENE	ROAD) TO CAROLINA DRIVE. UPGRADE ROADWAY.	UTILITIES	FY 2027 -	\$200,000	(T)
<b>PROJ.CATEGORY</b>	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	CONSTRUCTION	POST YR-	\$7,500,000	(T)
REGIONAL				\$7,900,000	

R-5941	SR 1175 (BRIDGES STREET), SR 1243 (BARBOUR	RIGHT-OF-WAY	FY 2028 -	\$7,400,000	(T)
CARTERET	ROAD). REALIGN INTERSECTIONS.	UTILITIES	FY 2028 -	\$1,100,000	(T)
<b>PROJ.CATEGORY</b>	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	CONSTRUCTION	POST YR-	\$2,000,000	(T)
DIVISION				\$10,500,000	

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

**DIVISION 2**

R-5942	US 13/US 258, NC 91 TO US 258 SPLIT. UPGRADE TO	RIGHT-OF-WAY	FY 2029 -	\$5,900,000	(T)
GREENE	FREEWAY.		POST YR-	\$5,900,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	UTILITIES	FY 2029 -	\$2,300,000	(T)
DIVISION		CONSTRUCTION	POST YR-	\$62,200,000	(T)
				\$76,300,000	

R-5945	US 70 (LIVE OAK STREET), NC 101 TO SR 1429 (OLGA	RIGHT-OF-WAY	FY 2029 -	\$10,600,000	(NHP)
CARTERET	ROAD). ACCESS MANAGEMENT.		POST YR-	\$21,200,000	(NHP)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	UTILITIES	FY 2029 -	\$600,000	(NHP)
DIVISION		CONSTRUCTION	POST YR-	\$23,600,000	(NHP)
				\$56,000,000	

R-5946	US 70 (LIVE OAK STREET), SR 1310 (LENNOXVILLE	RIGHT-OF-WAY	FY 2028 -	\$4,900,000	(NHP)
CARTERET	ROAD). UPGRADE INTERSECTION.	UTILITIES	FY 2028 -	\$700,000	(NHP)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	CONSTRUCTION	POST YR-	\$2,200,000	(NHP)
DIVISION				\$7,800,000	

* TA-5165	CRAVEN AREA RURAL TRANSPORTATION SYSTEM,	CAPITAL	FY 2020 -	\$24,000	(L)
CRAVEN	RURAL VEHICLE REPLACEMENT.		FY 2020 -	\$136,000	(5307)
<b>PROJ.CATEGORY</b>	<b><u>MODIFY THE DESCRIPTION AT THE REQUEST OF THE MPO.</u></b>		FY 2022 -	\$11,250,000	(L)
PUBLIC TRANS			FY 2022 -	\$63,750,000	(5307)
			FY 2023 -	\$11,250,000	(L)
			FY 2023 -	\$63,750,000	(5307)
				\$150,160,000	

U-6215	NC 33, SR 1755 (BLACKJACK-SIMPSON ROAD) TO SR	RIGHT-OF-WAY	FY 2029 -	\$7,525,000	(T)
PITT	1760 (MOBLEYS BRIDGE ROAD). WIDEN TO MULTI-		POST YR-	\$22,575,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	UTILITIES	FY 2029 -	\$1,450,000	(T)
DIVISION			POST YR-	\$1,450,000	(T)
		CONSTRUCTION	POST YR-	\$70,100,000	(T)
				\$103,100,000	

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

**DIVISION 3**

* I-6040 PENDER	I-40, EAST OF US 117 (MILE MARKER 393) TO NC 210 (MILE MARKER 408). PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2022 - \$5,600,000 (NHPIM) FY 2023 - \$5,600,000 (NHPIM)	
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**PROJ.CATEGORY** **ACCELERATE CONSTRUCTION FROM FY 29 TO FY 22  
TO REFLECT LATEST INTERSTATE MAINTENANCE  
PRIORITY.**

STATEWIDE

\$11,200,000

P-5740B NEW HANOVER	CSX SE LINE, IMPROVEMENTS TO HIGHWAY GRADE CROSSINGS, CLOSE AND IMPROVE VARIOUS EXISTING AT-GRADE CROSSINGS.	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$600,000 (T) FY 2022 - \$2,545,000 (DP) FY 2022 - \$902,000 (T) FY 2023 - \$903,000 (T)	
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**PROJ.CATEGORY** **TO ALLOW ADDITIONAL TIME FOR STAKEHOLDER  
COORDINATION, DELAY RIGHT-OF-WAY FROM FY 21  
TO FY 22.**

STATEWIDE

\$4,950,000

U-5716 ONslow	NC 24, US 258 (RICHLANDS HIGHWAY) INTERSECTION. CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	RIGHT-OF-WAY	FY 2027 - \$15,014,000 (T) FY 2028 - \$15,014,000 (T) FY 2029 - \$15,015,000 (T)	
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**PROJ.CATEGORY** **COST INCREASE EXCEEDING \$2 MILLION AND 25%  
THRESHOLDS.**

STATEWIDE

CONSTRUCTION	FY 2029 - \$7,250,000 (T) POST YR- \$21,750,000 (T) \$74,043,000
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U-5910 BRUNSWICK	VARIOUS, GRAND STRAND AREA TRANSPORTATION STUDY METROPOLITAN PLANNING ORGANIZATION PLANNING (PL) SUPPLEMENT.	PLANNING	FY 2022 - \$32,000 (BGDA) FY 2022 - \$8,000 (L)	
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**PROJ.CATEGORY** **DELAY ENGINEERING FROM FY 21 TO FY 22 AT  
REQUEST OF THE MPO.**

DIVISION

\$40,000

**DIVISION 4**

* B-5947 NASH	NC 581, REPLACE BRIDGE 630091 OVER TAR RIVER.	RIGHT-OF-WAY	FY 2021 - \$400,000 (NHPB)	
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**PROJ.CATEGORY** **ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 21  
AND CONSTRUCTION FROM FY 24 TO FY 22 TO  
REFLECT LATEST INTERSTATE MAINTENANCE  
PRIORITY.**

REGIONAL

UTILITIES	FY 2021 - \$35,000 (NHPB)
CONSTRUCTION	FY 2022 - \$2,133,000 (NHPB) FY 2023 - \$2,133,000 (NHPB) FY 2024 - \$2,134,000 (NHPB) \$6,835,000



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

**DIVISION 4**

\* C-5616

NASH

EDGEcombe

**PROJ.CATEGORY**

EXEMPT

VARIOUS, PROJECTS TO IMPROVE CONGESTION AND  
AIR QUALITY IN THE ROCKY MOUNT 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 -	\$23,000	(CMAQ)
	FY 2020 -	\$6,000	(L)
	FY 2021 -	\$23,000	(CMAQ)
	FY 2021 -	\$6,000	(L)
	FY 2022 -	\$23,000	(CMAQ)
	FY 2022 -	\$6,000	(L)
RIGHT-OF-WAY	FY 2020 -	\$23,000	(CMAQ)
	FY 2020 -	\$6,000	(L)
	FY 2021 -	\$23,000	(CMAQ)
	FY 2021 -	\$6,000	(L)
	FY 2022 -	\$23,000	(CMAQ)
	FY 2022 -	\$6,000	(L)
CONSTRUCTION	FY 2020 -	\$136,000	(CMAQ)
	FY 2020 -	\$34,000	(L)
	FY 2021 -	\$136,000	(CMAQ)
	FY 2021 -	\$34,000	(L)
	FY 2022 -	\$136,000	(CMAQ)
	FY 2022 -	\$34,000	(L)
IMPLEMENTATIO	FY 2020 -	\$23,000	(CMAQ)
	FY 2020 -	\$6,000	(L)
	FY 2021 -	\$23,000	(CMAQ)
	FY 2021 -	\$6,000	(L)
	FY 2022 -	\$23,000	(CMAQ)
	FY 2022 -	\$6,000	(L)
OPERATIONS	FY 2020 -	\$23,000	(CMAQ)
	FY 2020 -	\$6,000	(L)
	FY 2021 -	\$23,000	(CMAQ)
	FY 2021 -	\$6,000	(L)
	FY 2022 -	\$23,000	(CMAQ)
	FY 2022 -	\$6,000	(L)
		<u>\$858,000</u>	

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

**DIVISION 4**

* C-5619	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$67,000	(CMAQ)
EDGECOMBE	AIR QUALITY IN THE UPPER COASTAL PLAIN RPO.		FY 2020 -	\$17,000	(L)
NASH	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$67,000	(CMAQ)
JOHNSTON	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$17,000	(L)
<b>PROJ.CATEGORY</b>	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$67,000	(CMAQ)
EXEMPT	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$17,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$67,000	(CMAQ)
			FY 2020 -	\$17,000	(L)
			FY 2021 -	\$67,000	(CMAQ)
			FY 2021 -	\$17,000	(L)
			FY 2022 -	\$67,000	(CMAQ)
			FY 2022 -	\$17,000	(L)
		CONSTRUCTION	FY 2020 -	\$399,000	(CMAQ)
			FY 2020 -	\$100,000	(L)
			FY 2021 -	\$399,000	(CMAQ)
			FY 2021 -	\$100,000	(L)
			FY 2022 -	\$399,000	(CMAQ)
			FY 2022 -	\$100,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$67,000	(CMAQ)
			FY 2020 -	\$17,000	(L)
			FY 2021 -	\$67,000	(CMAQ)
			FY 2021 -	\$17,000	(L)
			FY 2022 -	\$67,000	(CMAQ)
			FY 2022 -	\$17,000	(L)
		OPERATIONS	FY 2020 -	\$67,000	(CMAQ)
			FY 2020 -	\$17,000	(L)
			FY 2021 -	\$67,000	(CMAQ)
			FY 2021 -	\$17,000	(L)
			FY 2022 -	\$67,000	(CMAQ)
			FY 2022 -	\$17,000	(L)
				\$2,505,000	
* I-5932B	I-95, NC 481 (MILE MARKER 154) TO NC 561 (MILE	CONSTRUCTION	FY 2021 -	\$8,500,000	(BGLT5)
HALIFAX	MARKER 160)			\$8,500,000	
<b>PROJ.CATEGORY</b>	<u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 21</u>				
STATEWIDE	<u>TO REFLECT LATEST INTERSTATE MAINTENANCE</u>				
	<u>PRIORITY.</u>				
* I-5936	I-95, JOHNSTON COUNTY LINE (MILE MARKER 108.2)	CONSTRUCTION	FY 2021 -	\$5,100,000	(NHPIM)
WILSON	TO NORTH OF SR 1116 (GOVERNOR HUNT ROAD)			\$5,100,000	
<b>PROJ.CATEGORY</b>	(MILE MARKER 114.5). PAVEMENT REHABILITATION.				
STATEWIDE	<u>ACCELERATE CONSTRUCTION FROM FY 26 TO FY 21</u>				
	<u>TO REFLECT LATEST INTERSTATE MAINTENANCE</u>				
	<u>PRIORITY.</u>				

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

**DIVISION 4**

* I-6041A EDGECOMBE <b>PROJ.CATEGORY</b> STATEWIDE	US 64 (FUTURE I-87), REHABILITATE BRIDGE 320104, 320155, 320148, 320153, 320154, 320156, 320157, 320320, 320325, AND 320326. <b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 21 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</u></b>	CONSTRUCTION	FY 2021 -	<u>\$2,400,000</u> \$2,400,000	(NHPIM)
* I-6042A EDGECOMBE <b>PROJ.CATEGORY</b> STATEWIDE	US 64 (FUTURE I-87), REHABILITATE BRIDGE 320327 AND 320328. <b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 21 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</u></b>	CONSTRUCTION	FY 2021 -	<u>\$500,000</u> \$500,000	(NHPIM)
* I-6045A NASH <b>PROJ.CATEGORY</b> STATEWIDE	US 64 (FUTURE I-87), BRIDGE REHABILITATION FOR 630072 AND 630074. <b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 21 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</u></b>	CONSTRUCTION	FY 2021 -	<u>\$750,000</u> \$750,000	(NHPIM)
* I-6046 NASH EDGECOMBE <b>PROJ.CATEGORY</b> STATEWIDE	US 64 (FUTURE I-87), SR 1603 (OLD CARRIAGE ROAD) TO SR 1225 (KINGSBORO ROAD). PAVEMENT REHABILITATION. <b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 22 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</u></b>	CONSTRUCTION	FY 2022 - FY 2023 -	<u>\$8,850,000</u> <u>\$8,850,000</u> \$17,700,000	(NHPIM) (NHPIM)
* I-6046A EDGECOMBE NASH <b>PROJ.CATEGORY</b> STATEWIDE	US 64 (FUTURE I-87), SR 1603 (OLD CARRIAGE ROAD) TO SR 1225 (KINGSBORO ROAD). REHABILITATE BRIDGE 630162, 630209, 630210, 630216, 630217, 630172, 630176, 320135, 320138. <b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 22 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</u></b>	CONSTRUCTION	FY 2022 -	<u>\$600,000</u> \$600,000	(NHPIM)
* I-6048 WAYNE <b>PROJ.CATEGORY</b> STATEWIDE	US 117 (FUTURE I-795), US 70 TO DUPLIN COUNTY LINE. PAVEMENT AND BRIDGE REHABILITATION. <b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 21 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</u></b>	CONSTRUCTION	FY 2021 -	<u>\$10,100,000</u> \$10,100,000	(NHPIM)

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
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**DIVISION 4**

U-5947	NC 43 (BENVENUE ROAD), US 64 BYPASS OFFRAMP.	RIGHT-OF-WAY	FY 2022 -	\$100,000	(T)
NASH	CONSTRUCT ROUNDABOUT.	UTILITIES	FY 2022 -	\$150,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANING AND</u></b>	CONSTRUCTION	FY 2022 -	\$780,000	(T)
REGIONAL	<b><u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22.</u></b>			\$1,030,000	

**DIVISION 5**

* HS-2005C	NC 54, NC 55 IN DURHAM. CONSTRUCT PEDESTRIAN	CONSTRUCTION	FY 2022 -	\$75,000	(HSIP)
DURHAM	REFUGE ISLANDS IN ALL QUADRANTS.			\$75,000	
<b>PROJ.CATEGORY</b>	<b><u>ADD A NEW PROJECT BREAK AT THE REQUEST OF</u></b>				
REGIONAL	<b><u>THE TRANSPORTATION MOBILITY AND SAFETY</u></b>				
	<b><u>DIVISION.</u></b>				

* I-5943	I-40, SR 1728 (WADE AVENUE) TO I-440 / US 1 IN	CONSTRUCTION	FY 2022 -	\$8,700,000	(NHPIM)
WAKE	RALEIGH. PAVEMENT AND BRIDGE REHABILITATION.			\$8,700,000	
<b>PROJ.CATEGORY</b>	<b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 22</u></b>				
STATEWIDE	<b><u>TO REFLECT LATEST INTERSTATE MAINTENANCE</u></b>				
	<b><u>PRIORITY.</u></b>				

* I-5997	I-440 / US 1, SR 1728 (WADE AVENUE) TO SR 2000	CONSTRUCTION	FY 2021 -	\$23,100,000	(NHPIM)
WAKE	(WAKE FOREST ROAD) IN RALEIGH. PAVEMENT			\$23,100,000	
<b>PROJ.CATEGORY</b>	REHABILITATION.				
STATEWIDE	<b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 21</u></b>				
	<b><u>TO REFLECT LATEST INTERSTATE MAINTENANCE</u></b>				
	<b><u>PRIORITY.</u></b>				

* I-5999	I-540, US 70 (GLENWOOD AVENUE) TO US 1 IN	CONSTRUCTION	FY 2021 -	\$16,700,000	(NHPIM)
WAKE	RALEIGH. PAVEMENT REHABILITATION.		FY 2022 -	\$16,700,000	(NHPIM)
<b>PROJ.CATEGORY</b>				\$33,400,000	
STATEWIDE	<b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 21</u></b>				
	<b><u>TO REFLECT LATEST INTERSTATE MAINTENANCE</u></b>				
	<b><u>PRIORITY.</u></b>				

**DIVISION 6**

B-5985	NC 41/NC 72/SR 1600, REPLACE BRIDGE 770125 AND	RIGHT-OF-WAY	FY 2022 -	\$395,000	(NHPB)
ROBESON	770175 OVER LUMBER RIVER.	UTILITIES	FY 2022 -	\$485,000	(NHPB)
<b>PROJ.CATEGORY</b>	<b><u>DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND</u></b>	CONSTRUCTION	FY 2023 -	\$8,338,000	(NHPB)
REGIONAL	<b><u>CONSTRUCTION FROM FY 22 TO FY 23 TO REFLECT</u></b>		FY 2024 -	\$8,337,000	(NHPB)
	<b><u>LATEST INTERSTATE MAINTENANCE PRIORITY.</u></b>			\$17,555,000	

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

**DIVISION 6**

* I-5939 ROBESON	I-95, SOUTH CAROLINA STATE LINE (MILE MARKER 0.0) TO I-74 (MILE MARKER 13). PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2022 - \$7,150,000 (BGIM) FY 2023 - \$7,150,000 (BGIM)	
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**PROJ.CATEGORY**

STATEWIDE

**COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. MODIFY PROJECT LIMITS AT REQUEST OF THE DIVISION. ACCELERATE CONSTRUCTION FROM FY 25 TO FY 22 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.**

I-5987A ROBESON	I-95, SOUTH OF US 301 TO SOUTH OF NC 20. WIDEN TO EIGHT LANES.	RIGHT-OF-WAY UTILITIES BUILD NC CON	FY 2021 - \$1,648,000 (T) FY 2021 - \$2,172,000 (T) FY 2023 - \$9,868,000 (T) FY 2024 - \$9,868,000 (T) FY 2025 - \$9,868,000 (T) FY 2026 - \$9,868,000 (T) FY 2027 - \$9,868,000 (T) FY 2028 - \$9,868,000 (T) FY 2029 - \$9,868,000 (T) POST YR- \$78,944,000 (T)	
<b>PROJ.CATEGORY</b>	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 21 TO ALLOW ADDITIONAL TIME TO ACQUIRE RIGHT-OF-WAY AND RELOCATE UTILITIES PRIOR TO LET.</u></b>	CONSTRUCTION	FY 2023 - \$15,866,000 (T) FY 2024 - \$15,867,000 (T) FY 2025 - \$15,867,000 (T)	

**\$199,440,000**

I-5987B ROBESON	I-95, SOUTH OF NC 20 TO SOUTH OF PROPOSED I-295. WIDEN TO EIGHT LANES.	RIGHT-OF-WAY UTILITIES BUILD NC CON	FY 2021 - \$933,000 (T) FY 2021 - \$1,464,000 (T) FY 2023 - \$9,868,000 (T) FY 2024 - \$9,868,000 (T) FY 2025 - \$9,868,000 (T) FY 2026 - \$9,868,000 (T) FY 2027 - \$9,868,000 (T) FY 2028 - \$9,868,000 (T) FY 2029 - \$9,868,000 (T) POST YR- \$78,944,000 (T)	
<b>PROJ.CATEGORY</b>	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 21 TO ALLOW ADDITIONAL TIME TO ACQUIRE RIGHT-OF-WAY AND RELOCATE UTILITIES PRIOR TO LET.</u></b>	CONSTRUCTION	FY 2023 - \$23,033,000 (T) FY 2024 - \$23,033,000 (T) FY 2025 - \$23,034,000 (T)	

**\$219,517,000**

R-5951 ROBESON	NC 41 (MARTIN LUTHER KING DRIVE), US 74 TO MARION ROAD. WIDEN ROADWAY.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2027 - \$5,250,000 (T) FY 2028 - \$5,250,000 (T) FY 2027 - \$3,200,000 (T) POST YR- \$18,600,000 (T)	
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**\$32,300,000**

**PROJ.CATEGORY**

DIVISION

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

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

**DIVISION 6**

U-3422	SR 1003 (CAMDEN ROAD), PROPOSED FAYETTEVILLE	RIGHT-OF-WAY	FY 2021 -	\$1,750,000	(BGANY)
CUMBERLAND	OUTER LOOP (U-2519) TO NC 59 (HOPE MILLS ROAD)		FY 2022 -	\$5,250,000	(BGANY)
<b>PROJ.CATEGORY</b>	IN FAYETTEVILLE. WIDEN TO MULTI-LANES.	UTILITIES	FY 2021 -	\$215,000	(BGANY)
DIVISION	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	BUILD NC CON	FY 2024 -	\$1,287,000	(T)
			FY 2025 -	\$1,287,000	(T)
			FY 2026 -	\$1,287,000	(T)
			FY 2027 -	\$1,287,000	(T)
			FY 2028 -	\$1,287,000	(T)
			FY 2029 -	\$1,287,000	(T)
			POST YR-	\$11,583,000	(T)
		CONSTRUCTION	FY 2024 -	\$5,800,000	(T)
			FY 2025 -	\$5,800,000	(T)
				<u>\$38,120,000</u>	

U-5101A	SR 1437 (SHAW RD), NC 24/87 (BRAGG BLVD) TO NC	RIGHT-OF-WAY	FY 2025 -	\$2,857,000	(T)
CUMBERLAND	210 (MURCHISON ROAD). INTERCONNECT AND WIDEN		FY 2026 -	\$2,857,000	(T)
<b>PROJ.CATEGORY</b>	TO MULTI-LANES.	UTILITIES	FY 2025 -	\$686,000	(T)
DIVISION	<u><b>DELAY RIGHT-OF-WAY FROM FY 22 TO FY 25 AND CONSTRUCTION FROM FY 25 TO FY 28 AT THE REQUEST OF THE DIVISION IN ORDER TO ACCELERATE PROJECT U-6229.</b></u>	BUILD NC CON	FY 2028 -	\$1,287,000	(T)
			FY 2029 -	\$1,287,000	(T)
			POST YR-	\$16,731,000	(T)
		CONSTRUCTION	FY 2028 -	\$3,190,000	(T)
				<u>\$28,895,000</u>	

U-6133	US 401 BUSINESS (SKIBO ROAD), SR 1400 (CLIFFDALE	RIGHT-OF-WAY	FY 2028 -	\$6,900,000	(T)
CUMBERLAND	ROAD). IMPROVE INTERSECTION		FY 2029 -	\$6,900,000	(T)
<b>PROJ.CATEGORY</b>	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	UTILITIES	FY 2028 -	\$1,300,000	(T)
REGIONAL		CONSTRUCTION	POST YR-	\$27,800,000	(T)
				<u>\$42,900,000</u>	

U-6152	US 401 (ROBESON STREET), US 401 (RAEFORD ROAD)	RIGHT-OF-WAY	FY 2029 -	\$18,166,000	(NHP)
CUMBERLAND	TO BLOUNT STREET. ACCESS MANAGEMENT.		POST YR-	\$36,334,000	(NHP)
<b>PROJ.CATEGORY</b>	<u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	UTILITIES	FY 2029 -	\$11,200,000	(NHP)
REGIONAL			POST YR-	\$11,200,000	(NHP)
		CONSTRUCTION	POST YR-	\$21,900,000	(NHP)
				<u>\$98,800,000</u>	

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 6**

U-6210	SR 1104 (STRICKLAND ROAD), US 401 TO FISHER	BUILD NC ROW	FY 2026 -	\$772,000	(T)
CUMBERLAND	ROAD. WIDEN ROADWAY.		FY 2027 -	\$772,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>		FY 2028 -	\$772,000	(T)
DIVISION			FY 2029 -	\$772,000	(T)
			POST YR-	\$8,492,000	(T)
		RIGHT-OF-WAY	FY 2026 -	\$6,000,000	(T)
		UTILITIES	FY 2026 -	\$3,950,000	(T)
			FY 2027 -	\$3,950,000	(T)
		CONSTRUCTION	FY 2029 -	\$10,250,000	(T)
			POST YR-	\$10,250,000	(T)
				\$45,980,000	

* U-6229	NC 24 (BRAGG BOULEVARD), US 401 (SKIBO ROAD) TO	RIGHT-OF-WAY	FY 2022 -	\$89,000	(T)
CUMBERLAND	GLENVILLE AVENUE. MEDIAN AND GUARDRAIL	UTILITIES	FY 2022 -	\$50,000	(T)
<b>PROJ.CATEGORY</b>	REPLACEMENT, ADD PEDESTRIAN SIGNALS,	CONSTRUCTION	FY 2022 -	\$1,257,000	(HSIP)
DIVISION	RESURFACE PAVEMENT.		FY 2022 -	\$2,513,000	(T)
	<b><u>ACCELERATE RIGHT-OF-WAY FROM FY 24 TO FY 22 AND CONSTRUCTION FROM FY 25 TO FY 22 AT THE REQUEST OF THE DIVISION BY DELAYING PROJECT U-5101A.</u></b>			\$3,909,000	

**DIVISION 7**

B-5721	SR 2177 (DAN VALLEY ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2022 -	\$188,000	(BGLT5)
ROCKINGHAM	780124 OVER MAYO RIVER IN MADISON.	UTILITIES	FY 2022 -	\$336,000	(BGLT5)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM 22 TO FY 23.</u></b>	CONSTRUCTION	FY 2023 -	\$3,500,000	(BGLT5)
DIVISION				\$4,024,000	

B-6038	NC 14 / NC 87, REPLACE BRIDGE 780155 OVER	RIGHT-OF-WAY	FY 2021 -	\$390,000	(NHPB)
ROCKINGHAM	NORFOLK SOUTHERN RAILROAD.	UTILITIES	FY 2021 -	\$163,000	(NHPB)
<b>PROJ.CATEGORY</b>	<b><u>ADD UTILITIES IN FY 21 NOT PREVIOUSLY PROGRAMMED.</u></b>	CONSTRUCTION	FY 2023 -	\$3,900,000	(NHPB)
REGIONAL				\$4,453,000	

* EB-6037C	A&Y GREENWAY, SPRING GARDEN STREET TO SOUTH	CONSTRUCTION	FY 2021 -	\$2,749,000	(BGANY)
GUILFORD	OF ROLLINS ROAD IN GREENSBORO. CONSTRUCT		FY 2021 -	\$4,400,000	(TAANY)
<b>PROJ.CATEGORY</b>	MULTIUSE PATH.		FY 2021 -	\$1,787,000	(L)
DIVISION	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>			\$8,936,000	

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 7**

I-5955	I-40, HOLDEN ROAD TO EAST OF SR 3037 / SR 4240	CONSTRUCTION	FY 2022 -	\$7,052,000	(NHPIM)
GUILFORD	(EAST GATE CITY BOULEVARD) IN GREENSBORO.		FY 2023 -	\$7,052,000	(NHPIM)
<b>PROJ.CATEGORY</b>	PAVEMENT REHABILITATION.			\$14,104,000	

STATEWIDE **ACCELERATE CONSTRUCTION FROM FY 23 TO FY 22  
TO REFLECT LATEST INTERSTATE MAINTENANCE  
PRIORITY.**

P-5713	NORTH CAROLINA RAILROAD (NCRR) / NORFOLK	RIGHT-OF-WAY	FY 2023 -	\$3,430,000	(T)
GUILFORD	SOUTHERN RAILROAD, SR 1424 (HILLTOP ROAD) IN	UTILITIES	FY 2023 -	\$952,000	(T)
<b>PROJ.CATEGORY</b>	GREENSBORO. CONVERT AT-GRADE CROSSING TO	CONSTRUCTION	FY 2025 -	\$5,117,000	(T)
STATEWIDE	GRADE SEPARATION.		FY 2025 -	\$267,000	(O)
	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>		FY 2026 -	\$5,116,000	(T)
				\$14,882,000	

R-5823	NC 65 / NC 68, NC 65 IN STOKESDALE	RIGHT-OF-WAY	FY 2022 -	\$1,350,000	(T)
ROCKINGHAM	(SOUTHERNMOST INTERSECTION) TO US 220 /		FY 2023 -	\$4,050,000	(T)
GUILFORD	FUTURE I-73. WIDEN TO MULTILANES.	UTILITIES	FY 2022 -	\$424,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	CONSTRUCTION	FY 2024 -	\$7,050,000	(T)
DIVISION			FY 2025 -	\$7,050,000	(T)
			FY 2026 -	\$7,050,000	(T)
			FY 2027 -	\$7,050,000	(T)
				\$34,024,000	

* U-5532	VARIOUS, GREENSBORO URBAN AREA MPO: BICYCLE,	RIGHT-OF-WAY	FY 2021 -	\$50,000	(BGDA)
GUILFORD	PEDESTRIAN, AND TRANSPORTATION ALTERNATIVES		FY 2021 -	\$12,000	(L)
<b>PROJ.CATEGORY</b>	PROGRAM (TAP)-ELIGIBLE PROJECTS		FY 2022 -	\$50,000	(BGANY)
DIVISION	<b><u>ADD RIGHT-OF-WAY IN FY 21 AND FY 22. AND CONSTRUCTION IN FY 22 NOT PREVIOUSLY PROGRAMMED. AT THE REQUEST OF GUAMPO.</u></b>		FY 2022 -	\$50,000	(BGDA)
			FY 2022 -	\$50,000	(TAANY)
			FY 2022 -	\$36,000	(L)
		CONSTRUCTION	FY 2021 -	\$2,000,000	(BGDA)
			FY 2021 -	\$100,000	(TADA)
			FY 2021 -	\$525,000	(L)
			FY 2022 -	\$400,000	(BGANY)
			FY 2022 -	\$2,000,000	(BGDA)
			FY 2022 -	\$462,000	(TAANY)
			FY 2022 -	\$100,000	(TADA)
			FY 2022 -	\$740,000	(L)
				\$6,575,000	



**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 7**

U-5774A ORANGE	NC 54, US 15 / US 501. UPGRADE INTERCHANGE <u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- POST YR- POST YR-	\$2,800,000 \$140,000 \$16,100,000	(T) (T) (T)
				\$19,040,000	

U-5841 GUILFORD <b>PROJ.CATEGORY</b> DIVISION	FRIENDLY AVENUE, WEST OF GREEN VALLEY ROAD TO LINDELL ROAD IN GREENSBORO. WIDENING AND INTERSECTION IMPROVEMENTS. <u><b>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 22 FOR STRATEGIC LETTING PURPOSES.</b></u>	CONSTRUCTION	FY 2022 -	\$1,400,000 \$1,400,000	(T)
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**DIVISION 8**

I-5946B RICHMOND <b>PROJ.CATEGORY</b> STATEWIDE	I-73/I-74, SR 1455 (FIRE TOWER ROAD) TO MONTGOMERY COUNTY LINE. PAVEMENT REHABILITATION. <u><b>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 22 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</b></u>	CONSTRUCTION	FY 2022 -	\$7,800,000 \$7,800,000	(BGIM)
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U-5727 LEE <b>PROJ.CATEGORY</b> REGIONAL	US 1 / US 15 / US 501, SOUTH OF SR 1198 (BRYAN DRIVE) TO SR 1237 (CARTHAGE STREET) IN SANFORD. UPGRADE TO SUPERSTREET AND RELOCATE NC 78 (TRAMWAY ROAD). <u><b>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION, DELAY CONSTRUCTION FROM FY 25 TO FY 26.</b></u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2022 - FY 2023 - FY 2026 - FY 2027 -	\$6,085,000 \$6,085,000 \$7,200,000 \$7,200,000	(NHP) (NHP) (T) (T)
				\$26,570,000	

U-5975 LEE <b>PROJ.CATEGORY</b> REGIONAL	US 1 / US 15 / US 501, US 15 / US 501 (WHITE HILL ROAD) / SR 1179 (ROCKY FORK CHURCH ROAD) TO SOUTH OF SR 1198 (BRYAN DRIVE). UPGRADE TO SUPERSTREET. <u><b>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION, DELAY CONSTRUCTION FROM FY 25 TO FY 26.</b></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - FY 2022 - FY 2026 - FY 2027 -	\$3,900,000 \$2,755,000 \$5,500,000 \$5,500,000	(T) (T) (T) (T)
				\$17,655,000	

**DIVISION 9**

* B-5783 DAVIDSON <b>PROJ.CATEGORY</b> REGIONAL	US 29 / US 70 / BUSINESS 85, REPLACE BRIDGE 280164 AND BRIDGE 280168 OVER NORFOLK SOUTHERN RAILROAD. <u><b>ACCELERATE CONSTRUCTION FROM FY 24 TO FY 23 FOR STRATEGIC LETTING PURPOSES.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2023 -	\$288,000 \$5,778,000 \$6,066,000	(NHPB) (NHPB)
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**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 9**

* I-5950 DAVIDSON <b>PROJ.CATEGORY</b> STATEWIDE	I-85, US 29 / US 52 / US 70 / BUS-85 TO NORTH OF SR 2205 (OLD US 64), AND NC 109 IN THOMASVILLE TO RANDOLPH COUNTY LINE. PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2022 - \$7,370,000 (NHPIM) FY 2023 - \$7,370,000 (NHPIM) \$14,740,000
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**ACCELERATE CONSTRUCTION FROM FY 25 TO FY 22  
TO REFLECT LATEST INTERSTATE MAINTENANCE  
PRIORITY.**

* I-6003 DAVIE <b>PROJ.CATEGORY</b> STATEWIDE	I-40, SR 1436 (PINEBROOK SCHOOL ROAD) TO WEST OF NC 801. PAVEMENT REHABILITATION.	CONSTRUCTION	FY 2021 - \$7,067,000 (NHPIM) \$7,067,000
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**ACCELERATE CONSTRUCTION FROM FY 26 TO FY 21  
TO REFLECT LATEST INTERSTATE MAINTENANCE  
PRIORITY.**

P-5726 ROWAN <b>PROJ.CATEGORY</b> REGIONAL	NORFOLK SOUTHERN, NS MAINLINE IN ROWAN COUNTY. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNAL EQUIPMENT.	CONSTRUCTION	FY 2022 - \$269,000 (T) FY 2022 - \$780,000 (O) FY 2023 - \$7,025,000 (T) FY 2024 - \$7,026,000 (T) \$15,100,000
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**COST INCREASE EXCEEDING \$2 MILLION AND 25%  
THRESHOLDS.**

**DIVISION 10**

* I-5715 MECKLENBURG <b>PROJ.CATEGORY</b> STATEWIDE	I-77, NC 73 INTERCHANGE. UPGRADE EXISTING INTERCHANGE TO SPLIT DIAMOND CONFIGURATION.	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$1,550,000 (NHP) FY 2023 - \$2,400,000 (NHP) FY 2025 - \$13,166,000 (NHP) FY 2026 - \$13,167,000 (NHP) FY 2027 - \$13,167,000 (NHP) \$43,450,000
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**COST INCREASE EXCEEDING \$2 MILLION AND 25%  
THRESHOLDS.**

* I-5746C MECKLENBURG <b>PROJ.CATEGORY</b> STATEWIDE	I-277 (BROOKSHIRE FRWY), I-77 TO EAST 10TH STREET. RESURFACE ROADWAY AND REHABILITATE BRIDGES FROM JOHNSON STREET TO EAST 10TH STREET.	CONSTRUCTION	FY 2022 - \$8,567,000 (NHPIM) FY 2023 - \$8,567,000 (NHPIM) FY 2024 - \$8,566,000 (NHPIM) \$25,700,000
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**ACCELERATE CONSTRUCTION FROM FY 25 TO FY 22  
TO REFLECT LATEST INTERSTATE MAINTENANCE  
PRIORITY.**

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 10**

U-3467	NC 84, NC 16 TO SR 1008 (WAXHAW-INDIAN TRAIL	RIGHT-OF-WAY	FY 2026 -	\$8,000,000	(BGANY)
UNION	ROAD) IN WESLEY CHAPEL. CONSTRUCT FOUR LANE		FY 2027 -	\$8,000,000	(BGANY)
<b>PROJ.CATEGORY</b>	ROADWAY, PART ON NEW LOCATION.	CONSTRUCTION	FY 2029 -	\$4,750,000	(BGANY)
REGIONAL	<u><b>ADD RIGHT-OF-WAY IN FY 26 NOT PREVIOUSLY</b></u>		FY 2030 -	\$14,250,000	(BGANY)
	<u><b>PROGRAMMED.</b></u>		FY 2031 -	\$14,250,000	(BGANY)
			FY 2032 -	\$14,250,000	(BGANY)
				\$63,500,000	

U-4713A	SR 3440 (MCKEE ROAD) EXTENSION, SR 3448	ENGINEERING	FY 2020 -	\$77,000	(T)
MECKLENBURG	(PLEASANT PLAINS ROAD) TO SR 1009 (JOHN STREET)		FY 2021 -	\$77,000	(T)
<b>PROJ.CATEGORY</b>	<u><b>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 24</b></u>		FY 2022 -	\$77,000	(T)
DIVISION	<u><b>TO ALIGN WITH U-4714AC AND U-4714B. PROJECT TO</b></u>		FY 2023 -	\$77,000	(T)
	<u><b>BE LET WITH U-4714AC AND U-4714B.</b></u>		FY 2024 -	\$77,000	(T)
			FY 2025 -	\$77,000	(T)
			FY 2026 -	\$77,000	(T)
			FY 2027 -	\$77,000	(T)
			FY 2028 -	\$77,000	(T)
			FY 2029 -	\$77,000	(T)
			POST YR-	\$385,000	(T)
		BUILD NC ROW	FY 2020 -	\$24,000	(T)
			FY 2021 -	\$24,000	(T)
			FY 2022 -	\$24,000	(T)
			FY 2023 -	\$24,000	(T)
			FY 2024 -	\$24,000	(T)
			FY 2025 -	\$24,000	(T)
			FY 2026 -	\$24,000	(T)
			FY 2027 -	\$24,000	(T)
			FY 2028 -	\$24,000	(T)
			FY 2029 -	\$24,000	(T)
			POST YR-	\$120,000	(T)
		RIGHT-OF-WAY	FY 2021 -	\$1,160,000	(T)
			FY 2022 -	\$1,160,000	(T)
		UTILITIES	FY 2021 -	\$500,000	(T)
		CONSTRUCTION	FY 2024 -	\$2,550,000	(T)
			FY 2025 -	\$2,550,000	(T)
			FY 2026 -	\$2,000,000	(L)
				\$11,435,000	

U-5703B	US 74 (ROOSEVELT BLVD), REALIGN JAMES HAMILTON	RIGHT-OF-WAY	FY 2023 -	\$900,000	(T)
UNION	ROAD TO INTERSECT WITH SR 1514 (ROCKY RIVER	CONSTRUCTION	FY 2025 -	\$1,350,000	(T)
<b>PROJ.CATEGORY</b>	ROAD) AT MYERS ROAD.		FY 2025 -	\$250,000	(O)
STATEWIDE	<u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</b></u>			\$2,500,000	
	<u><b>DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 23.</b></u>				

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 10**

* U-5956	US 29, REALIGN UNION CEMETERY ROAD TO	RIGHT-OF-WAY	FY 2022 -	\$3,400,000	(T)
CABARRUS	INTERSECT US 29 AT ROCK HILL CHURCH ROAD AND	UTILITIES	FY 2022 -	\$1,050,000	(T)
<b>PROJ.CATEGORY</b>	CONSTRUCT IMPROVEMENTS ALONG US 29 FROM 0.6		FY 2023 -	\$1,050,000	(T)
REGIONAL	MILE WEST OF ROCK HILL CHURCH ROAD TO JUST	CONSTRUCTION	FY 2025 -	\$4,050,000	(T)
	EAST OF ROCK HILL CHURCH ROAD.		FY 2026 -	\$4,050,000	(T)
	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>			\$13,600,000	

U-6171	BAILEY ROAD EXTENSION, US 21 (STATESVILLE ROAD)	RIGHT-OF-WAY	FY 2029 -	\$10,000	(T)
MECKLENBURG	TO FUTURE NORTHCROSS DRIVE EXTENSION.		POST YR-	\$2,300,000	(T)
<b>PROJ.CATEGORY</b>	CONSTRUCT 2 LANE ROADWAY ON NEW LOCATION.	UTILITIES	FY 2029 -	\$10,000	(T)
DIVISION	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>		POST YR-	\$9,690,000	(T)
		CONSTRUCTION	POST YR-	\$19,500,000	(T)
				\$31,510,000	

W-5710Y	UNION COUNTY, CONSTRUCT IMPROVEMENTS AT SR	CONSTRUCTION	FY 2021 -	\$850,000	(HSIP)
UNION	1315 (NEW TOWN ROAD) AND SR 1008 (WAXHAW-		FY 2021 -	\$1,385,000	(BGANY)
<b>PROJ.CATEGORY</b>	INDIAN TRAIL ROAD) INTERSECTION		FY 2021 -	\$346,000	(S(M))
DIVISION	<b><u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 AT REQUEST OF DIVISION.</u></b>			\$2,581,000	

Y-4810K	NORFOLK SOUTHERN MAINLINE, GRADE SEPARATION	CONSTRUCTION	FY 2023 -	\$4,000,000	(T)
CABARRUS	AT ROGERS LAKE ROAD CROSSING (724408Y) IN		FY 2023 -	\$450,000	(O)
<b>PROJ.CATEGORY</b>	KANNAPOLIS.		FY 2024 -	\$4,000,000	(T)
STATEWIDE	<b><u>TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u></b>		FY 2025 -	\$4,000,000	(T)
				\$12,450,000	

**DIVISION 11**

BR-0048	NC 268, BRIDGE 850103 ON NC 268 OVER MITCHELL	CONSTRUCTION	FY 2022 -	\$1,725,000	(HFB)
SURRY	RIVER		FY 2023 -	\$1,725,000	(HFB)
<b>PROJ.CATEGORY</b>	<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u></b>			\$3,450,000	
REGIONAL					

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 11**

* I-5907 SURRY <b>PROJ.CATEGORY</b> STATEWIDE	I-74, I-77 TO US 601. PAVEMENT REHABILITATION. <u><b>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 22 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</b></u>	CONSTRUCTION	FY 2022 - \$2,082,000 (BGIM) FY 2023 - \$2,082,000 (BGIM) \$4,164,000
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R-3430C CALDWELL <b>PROJ.CATEGORY</b> DIVISION	SR 1001 (CONNELLY SPRINGS ROAD), CATAWBA RIVER TO SR 1933 (SOUTH-WEST BOULEVARD). MODERNIZE ROADWAY TO INCLUDE BICYCLE AND PEDESTRIAN ACCOMMODATIONS. <u><b>MODIFY PROJECT DESCRIPTION.</b></u>	RIGHT-OF-WAY  UTILITIES  CONSTRUCTION	FY 2026 - \$13,750,000 (T) FY 2027 - \$13,750,000 (T) FY 2026 - \$2,004,000 (T) FY 2027 - \$2,004,000 (T) FY 2029 - \$11,750,000 (T) FY 2030 - \$11,750,000 (T) FY 2031 - \$11,750,000 (T) FY 2032 - \$11,750,000 (T) \$78,508,000
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U-5809 YADKIN <b>PROJ.CATEGORY</b> DIVISION	US 601 (STATE STREET), US 421 TO SR 1146 (LEE AVENUE). CONSTRUCT MEDIAN AND ROUNDABOUTS. <u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	CONSTRUCTION	FY 2022 - \$5,700,000 (T) FY 2023 - \$5,700,000 (T) \$11,400,000
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U-6036 CALDWELL <b>PROJ.CATEGORY</b> DIVISION	SR 1109 (PINWOOD ROAD), US 321 TO SR 1931 (BERT HUFFMAN ROAD). UPGRADE ROADWAY. <u><b>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - \$1,500,000 (T) FY 2023 - \$3,650,000 (T) FY 2024 - \$3,650,000 (T) \$8,800,000
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**DIVISION 12**

AV-5896 IREDELL <b>PROJ.CATEGORY</b> DIVISION	STATESVILLE REGIONAL AIRPORT (SVH), RELOCATE EAST AVIATION DRIVE TO ALLOW FOR FUTURE RUNWAY EXTENSION. <u><b>COMBINE SEGMENTS A AND B AT THE REQUEST OF THE DIVISION OF AVIATION.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2025 - \$5,610,000 (T) FY 2027 - \$3,725,000 (T) \$9,335,000
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**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 12**

* C-5704	CRAMERTON- MCADENVILLE GREENWAY	ENGINEERING	FY 2021 -	\$78,000	(CMAQ)
GASTON	CONNECTOR, CONSTRUCT GREENWAY CONNECTING		FY 2021 -	\$20,000	(L)
<b>PROJ.CATEGORY</b>	PAVED TRAIL AT SOUTH FORK VILLAGE IN	RIGHT-OF-WAY	FY 2021 -	\$41,000	(CMAQ)
EXEMPT	CRAMERTON TO RIVERSIDE DRIVE IN MCADENVILLE,		FY 2021 -	\$10,000	(L)
	FOLLOWING SOUTH FORK OF CATAWBA RIVER.	CONSTRUCTION	FY 2021 -	\$321,000	(CMAQ)
	<b><u>ADD PRELIMINARY ENGINEERING, RIGHT-OF-WAY,</u></b>		FY 2021 -	\$332,000	(L)
	<b><u>AND CONSTRUCTION IN FY 21 AT THE REQUEST OF</u></b>				
	<b><u>THE MPO.</u></b>			\$802,000	

I-5719	I-85, US 321 TO NC 273. WIDEN TO EIGHT LANES. SR	RIGHT-OF-WAY	FY 2024 -	\$12,533,000	(T)
GASTON	2200 (COX ROAD) INTERCHANGE. CONSTRUCT		FY 2025 -	\$12,533,000	(T)
<b>PROJ.CATEGORY</b>	INTERCHANGE IMPROVEMENTS.		FY 2026 -	\$12,534,000	(T)
STATEWIDE	<b><u>CHANGE PROCUREMENT TO DESIGN-BUILD.</u></b>	UTILITIES	FY 2024 -	\$2,900,000	(T)
	<b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 24</u></b>	CONSTRUCTION	FY 2024 -	\$10,750,000	(T)
	<b><u>TO ALIGN WITH RIGHT-OF-WAY SCHEDULE.</u></b>		FY 2025 -	\$83,912,000	(T)
			FY 2026 -	\$83,913,000	(T)
			FY 2027 -	\$83,913,000	(T)
			FY 2028 -	\$83,912,000	(T)
				\$386,900,000	

* I-5915B	I-40, BRIDGE REHABILITATION.	CONSTRUCTION	FY 2022 -	\$5,000,000	(NHPIM)
IREDELL	<b><u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 22</u></b>		FY 2023 -	\$5,000,000	(NHPIM)
CATAWBA	<b><u>TO REFLECT LATEST INTERSTATE MAINTENANCE</u></b>			\$10,000,000	
<b>PROJ.CATEGORY</b>	<b><u>PRIORITY.</u></b>				
STATEWIDE					

* R-2307B	NC 150, EAST OF SR 1840 (GREENWOOD ROAD) IN	CONSTRUCTION	FY 2025 -	\$2,500,000	(BGDA)
CATAWBA	CATAWBA COUNTY TO WEST OF SR 1303/SR 1180		FY 2025 -	\$32,400,000	(T)
IREDELL	(PERTH ROAD/DOOLIE ROAD) IN IREDELL COUNTY.		FY 2025 -	\$1,000,000	(S(M))
<b>PROJ.CATEGORY</b>	WIDEN TO 4-LANES. SR 1383/SR 1180 TO US 21 IN		FY 2026 -	\$2,500,000	(BGDA)
REGIONAL	IREDELL COUNTY. WIDEN TO 6-LANES.		FY 2026 -	\$32,400,000	(T)
	<b><u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY</u></b>		FY 2027 -	\$32,400,000	(T)
	<b><u>ACQUISITION AND UTILITY RELOCATION, DELAY</u></b>		FY 2028 -	\$32,400,000	(T)
	<b><u>CONSTRUCTION FROM FY 22 TO FY 25. PROJECT TO</u></b>			\$135,600,000	
	<b><u>NO LONGER UTILIZE BUILD NC BONDS.</u></b>				

* TA-6708	WESTERN PIEDMONT REGIONAL TRANSIT	CAPITAL	FY 2021 -	\$30,000	(L)
CATAWBA	AUTHORITY, REPLACEMENT BUSES		FY 2021 -	\$1,872,000	(5307)
<b>PROJ.CATEGORY</b>	<b><u>MODIFY FUNDING IN FY 21 AND 22 AT REQUEST OF</u></b>		FY 2022 -	\$86,000	(L)
PUBLIC TRANS	<b><u>THE MPO.</u></b>		FY 2022 -	\$489,000	(5307)
				\$2,477,000	

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 12**

* U-5777	NC 127, 1ST AVENUE SE TO 2ND AVENUE SE. ADD	RIGHT-OF-WAY	FY 2020 -	\$2,150,000	(T)
CATAWBA	TURN LANES.	CONSTRUCTION	FY 2023 -	\$3,950,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>			\$6,100,000	
REGIONAL					

U-6175	SR 1005 (OLD MOUNTAIN ROAD), US 21/NC 115	RIGHT-OF-WAY	FY 2029 -	\$1,080,000	(BGLT5)
IREDELL	(NORTH MAIN STREET) TO SR 1004 (BUFFALO SHOALS		POST YR-	\$20,720,000	(BGLT5)
<b>PROJ.CATEGORY</b>	ROAD). WIDEN TO FOUR LANES WITH A MEDIAN.	UTILITIES	FY 2029 -	\$1,400,000	(BGLT5)
DIVISION	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	CONSTRUCTION	POST YR-	\$28,600,000	(BGLT5)
				\$51,800,000	

**DIVISION 13**

A-0010AA	I-26 (US 19/US 23), SR 1781 (BROADWAY STREET) TO	RIGHT-OF-WAY	FY 2026 -	\$14,233,000	(T)
BUNCOMBE	US 25/70		FY 2027 -	\$14,233,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>PROJECT TO NO LONGER UTILIZE BUILD NC BONDS.</u></b>		FY 2028 -	\$14,234,000	(T)
REGIONAL		CONSTRUCTION	POST YR-	\$106,901,000	(T)
				\$149,601,000	

* B-4442	US 19/US 23/US 25/ US 70, REPLACE BRIDGE 100370,	RIGHT-OF-WAY	FY 2022 -	\$200,000	(NHPB)
BUNCOMBE	AND BRIDGE 100373 OVER REEMS CREEK.	CONSTRUCTION	FY 2022 -	\$13,300,000	(NHPB)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>		FY 2023 -	\$13,300,000	(NHPB)
STATEWIDE				\$26,800,000	

BL-0005	NC 251/ SR 1781 (BROADWAY STREET), CONSTRUCT	ENGINEERING	FY 2021 -	\$51,000	(BGDA)
BUNCOMBE	PEDESTRIAN IMPROVEMENTS FROM US 19/23		FY 2021 -	\$13,000	(S(M))
<b>PROJ.CATEGORY</b>	NORTHBOUND EXIT RAMP TO NORTH OF SR 1477	CONSTRUCTION	FY 2021 -	\$259,000	(BGDA)
EXEMPT	(RIVERSIDE DRIVE).		FY 2021 -	\$65,000	(S(M))
	<b><u>ACCELERATE PRELIMINARY ENGINEERING AND CONSTRUCTION FROM FY 22 TO FY 21 AT THE REQUEST OF THE DIVISION.</u></b>			\$388,000	

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 13**

EB-5547 BUNCOMBE <b>PROJ.CATEGORY</b> DIVISION	BLACK MOUNTAIN RIVERWALK GREENWAY, CONSTRUCT MULTI-USE PATH FROM EXISTING FLAT CREEK GREENWAY TRAILHEAD NORTH OF US 70 TO THE INTO THE OAKS TRAIL. <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</b></u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2022 - \$80,000 (BGDA) FY 2022 - \$20,000 (L) FY 2023 - \$2,752,000 (BGANY) FY 2023 - \$482,000 (BGDA) FY 2023 - \$809,000 (L) \$4,143,000
EB-5790 BUNCOMBE <b>PROJ.CATEGORY</b> DIVISION	ASHEVILLE, ON-STREET CROSSINGS AND CONNECTIONS FOR BICYCLISTS AND PEDESTRIANS IN ASHEVILLE'S EAST OF THE RIVERWAY. <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</b></u>	CONSTRUCTION	FY 2022 - \$840,000 (BGDA) FY 2022 - \$210,000 (L) \$1,050,000
EB-5827 BURKE <b>PROJ.CATEGORY</b> DIVISION	FONTA FLORA TRAIL, FONTA FLORA STATE TRAIL, INTERSECTION OF LAUREL RIDGE COURT AND NORTH POWERHOUSE ROAD TO THE PROPOSED HARRIS WHISNANT TRAILHEAD AT THE INTERSECTION OF HARRY WHISNANT ROAD AND COBB ROAD. CONSTRUCT BICYCLE AND PEDESTRIAN FACILITY. <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22.</b></u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2022 - \$410,000 (BGDA) FY 2022 - \$216,000 (L) \$626,000
* I-5831A MADISON <b>PROJ.CATEGORY</b> STATEWIDE	I-26, TENNESSEE STATE LINE TO MILE MARKER 9. REPLACE CURB AND DRAINAGE BOXES, AND REHABILITATE BRIDGES. <u><b>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 22 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</b></u>	CONSTRUCTION	FY 2022 - \$3,600,000 (BGLT5) FY 2023 - \$3,600,000 (BGLT5) \$7,200,000
R-3430A BURKE	SR 1001 (MALCOLM BOULEVARD), US 70 TO CATAWBA RIVER. MODERNIZE ROADWAY TO INCLUDE BICYCLE AND PEDESTRIAN ACCOMMODATIONS. <u><b>MODIFY PROJECT DESCRIPTION. PROJECT PROGRAMMED FOR PRELIMINARY ENGINEERING ONLY UNDER R-3430.</b></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	POST YR- \$10,000,000 (T) POST YR- \$1,600,000 (T) POST YR- \$20,000,000 (T) \$31,600,000
R-3430B BURKE <b>PROJ.CATEGORY</b> HWY FUNDS	SR 1001 (CONNELLY SPRINGS ROAD), REPLACE BRIDGE 110010 OVER CATAWBA RIVER. <u><b>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22 AND CONSTRUCTION FROM FY 22 TO FY 23.</b></u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - \$500,000 (HFB) FY 2022 - \$65,000 (HFB) FY 2023 - \$8,750,000 (HFB) FY 2024 - \$8,750,000 (HFB) \$18,065,000



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**DIVISION 13**

* TA-6626	CITY OF ASHEVILLE, ART BUSES AND OTHER	CAPITAL	FY 2020 -	\$38,000	(L)
BUNCOMBE	ROUTINE CAPITAL ITEMS		FY 2020 -	\$151,000	(5339)
<b>PROJ.CATEGORY</b>	<b><u>MODIFY FUNDING IN FY 21 AT THE REQUEST OF THE</u></b>		FY 2021 -	\$250,000	(L)
PUBLIC TRANS	<b><u>MPO.</u></b>		FY 2021 -	\$1,000,000	(5339)
				<u>\$1,439,000</u>	

* TA-6703	CITY OF ASHEVILLE, ASHEVILLE RIDES TRANSIT LO-	CAPITAL	FY 2020 -	\$950,000	(L)
BUNCOMBE	NO TRANSIT VEHICLE PURCHASE		FY 2021 -	\$960,000	(L)
<b>PROJ.CATEGORY</b>	<b><u>MODIFY DESCRIPTION AT THE REQUEST OF THE MPO.</u></b>		FY 2022 -	\$1,455,000	(L)
PUBLIC TRANS				<u>\$3,365,000</u>	

* TG-6786	MOUNTAIN MOBILITY - BUNCOMBE, MOUNTAIN	CAPITAL	FY 2021 -	\$101,000	(L)
BUNCOMBE	MOBILITY BUNCOMBE - BUNCOMBE COUNTY TRANSIT		FY 2021 -	\$403,000	(5307)
<b>PROJ.CATEGORY</b>	ROUTINE CAPITAL COST OF CONTRACTING.		FY 2022 -	\$101,000	(L)
PUBLIC TRANS	<b><u>MODIFY FUNDING IN FY 21, 22, AND 23 AT THE</u></b>		FY 2022 -	\$403,000	(5307)
	<b><u>REQUEST OF THE MPO.</u></b>		FY 2023 -	\$101,000	(L)
			FY 2023 -	\$403,000	(5307)
			FY 2024 -	\$415,000	(L)
				<u>\$1,927,000</u>	

* TM-5138	CITY OF ASHEVILLE, JARC OPERATIONS	OPERATIONS	FY 2021 -	\$367,000	(L)
BUNCOMBE	<b><u>CHANGE TRANSIT AGENCY TO CITY OF ASHEVILLE.</u></b>		FY 2021 -	\$367,000	(3037)
<b>PROJ.CATEGORY</b>				<u>\$734,000</u>	
PUBLIC TRANS					

* TM-5163	CITY OF ASHEVILLE, CITY OF ASHEVILLE	ADMINISTRATIVE	FY 2020 -	\$52,000	(L)
HAYWOOD	ADMINISTRATIVE OVERSIGHT OF JARC PROJECTS IN		FY 2021 -	\$33,000	(L)
BUNCOMBE	THE ASHEVILLE UAZ			<u>\$85,000</u>	
<b>PROJ.CATEGORY</b>	<b><u>CHANGE TRANSIT AGENCY TO CITY OF ASHEVILLE.</u></b>				
PUBLIC TRANS					

**REVISIONS TO THE 2020-2029 STIP  
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**DIVISION 13**

* TO-4075	CITY OF ASHEVILLE, TRANSIT OPERATIONS	OPERATIONS	FY 2020 -	\$6,804,000	(S)
BUNCOMBE	<u>MODIFY FUNDING IN FY 21 AT THE REQUEST OF THE</u>		FY 2020 -	\$1,125,000	(L)
<b>PROJ.CATEGORY</b>	<u>MPO.</u>		FY 2020 -	\$1,168,000	(5307)
PUBLIC TRANS			FY 2021 -	\$6,804,000	(S)
			FY 2021 -	\$1,125,000	(L)
			FY 2021 -	\$1,168,000	(5307)
				<u>\$18,194,000</u>	
* TP-5153	CITY OF ASHEVILLE, PLANNING FOR MOUNTAIN	PLANNING	FY 2020 -	\$30,000	(L)
BUNCOMBE	MOBILITY		FY 2020 -	\$121,000	(5307)
<b>PROJ.CATEGORY</b>	<u>MODIFY THE DESCRIPTION AT THE REQUEST OF THE</u>		FY 2021 -	\$30,000	(L)
PUBLIC TRANS	<u>MPO.</u>		FY 2021 -	\$121,000	(5307)
			FY 2022 -	\$30,000	(L)
			FY 2022 -	\$121,000	(5307)
			FY 2023 -	\$30,000	(L)
			FY 2023 -	\$121,000	(5307)
				<u>\$604,000</u>	
* TQ-7010	CITY OF ASHEVILLE, ASHEVILLE RIDES TRANSIT. 5310	CAPITAL	FY 2021 -	\$33,000	(5310)
BUNCOMBE	ADMINISTRATIVE OVERSIGHT.		FY 2022 -	\$34,000	(5310)
<b>PROJ.CATEGORY</b>	<u>CHANGE TRANSIT AGENCY TO CITY OF ASHEVILLE.</u>			<u>\$67,000</u>	
PUBLIC TRANS					
* TS-5102	CITY OF ASHEVILLE, SAFETY & SECURITY - MIN. 1%	CAPITAL	FY 2021 -	\$2,000	(L)
BUNCOMBE	SET ASIDE		FY 2021 -	\$10,000	(5307)
<b>PROJ.CATEGORY</b>	<u>ADD FUNDING IN FY 21, 22, AND 23 AT THE REQUEST</u>		FY 2022 -	\$2,000	(L)
PUBLIC TRANS	<u>OF THE MPO.</u>		FY 2022 -	\$10,000	(5307)
			FY 2023 -	\$2,000	(L)
			FY 2023 -	\$10,000	(5307)
				<u>\$36,000</u>	
U-2801A	US 25A (SWEETEN CREEK ROAD), US 25	RIGHT-OF-WAY	FY 2024 -	\$37,366,000	(T)
BUNCOMBE	(HENDERSONVILLE ROAD) TO SR 3081 (ROCK HILL		FY 2025 -	\$37,367,000	(T)
<b>PROJ.CATEGORY</b>	ROAD)		FY 2026 -	\$37,367,000	(T)
REGIONAL	<u>PROJECT TO NO LONGER UTILIZE BUILD NC BONDS.</u>	UTILITIES	FY 2024 -	\$2,240,000	(T)
			FY 2025 -	\$2,240,000	(T)
			FY 2026 -	\$2,240,000	(T)
		CONSTRUCTION	FY 2027 -	\$11,525,000	(BGANY)
			FY 2028 -	\$11,525,000	(BGANY)
			FY 2029 -	\$11,525,000	(BGANY)
			POST YR-	\$11,525,000	(BGANY)
				<u>\$164,920,000</u>	

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

**DIVISION 13**

U-5971AA BUNCOMBE <b>PROJ.CATEGORY</b> REGIONAL	ASHEVILLE, US 19 (PATTON AVENUE) AND NC 63 (NEW LEICESTER HIGHWAY). CONSTRUCT DRAINAGE IMPROVEMENTS.  <u><b>ADD SEGMENT AA NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF THE DIVISION. WORK TO BE PERFORMED BY STATE FORCES.</b></u>	RIGHT-OF-WAY CONSTRUCTION	FY 2021 - FY 2021 -	\$100,000 \$550,000 \$650,000	(T) (T)
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**DIVISION 14**

* HS-2014B JACKSON <b>PROJ.CATEGORY</b> DIVISION	SR 1157 (CULLOWHEE MOUNTAIN ROAD), INSTALL GUARDRAIL FROM MILEPOST 2.6 TO 6.6, NEAR CULLOWHEE.  <u><b>ADD NEW PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</b></u>	CONSTRUCTION	FY 2021 -	\$140,000 \$140,000	(HSIP)
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* HS-2014C HENDERSON MACON HAYWOOD <b>PROJ.CATEGORY</b> STATEWIDE	VARIOUS, INSTALL SNOWPLOWABLE MARKERS AND PAVEMENT MARKINGS FOR WRONG WAY RAMP ARROWS ON VARIOUS FREEWAY RAMP.  <u><b>ADD NEW PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</b></u>	CONSTRUCTION	FY 2021 -	\$50,000 \$50,000	(HSIP)
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* HS-2014D JACKSON <b>PROJ.CATEGORY</b> DIVISION	SR 1325 (CENTENNIAL DRIVE), INSTALL RECTANGULAR RAPID FLASHING BEACONS (RRFB) AT THREE MIDBLOCK CROSSINGS NEAR SR 1169 (CENTRAL DRIVE).  <u><b>ADD NEW PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</b></u>	CONSTRUCTION	FY 2021 -	\$59,000 \$59,000	(HSIP)
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* I-5834A HAYWOOD <b>PROJ.CATEGORY</b> STATEWIDE	I-40, MILE MARKER 27 TO MILE MARKER 30. PAVEMENT REHABILITATION.  <u><b>SEGMENT PROJECT INTO SEGMENTS A AND B AND ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</b></u>	CONSTRUCTION	FY 2021 - FY 2022 -	\$6,500,000 \$6,500,000 \$13,000,000	(NHPIM) (NHPIM)
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* I-5834B HAYWOOD <b>PROJ.CATEGORY</b> STATEWIDE	I-40, MILE MARKER 30 TO MILE MARKER 34. PAVEMENT REHABILITATION.  <u><b>SEGMENT PROJECT INTO SEGMENTS A AND B AT THE REQUEST OF THE DIVISION.</b></u>	CONSTRUCTION	FY 2022 - FY 2023 -	\$10,000,000 \$10,000,000 \$20,000,000	(NHPIM) (NHPIM)
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**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM  
STIP MODIFICATIONS**

**DIVISION 14**

* I-5927	I-26, MILE MARKER 65 TO SOUTH CAROLINA STATE	CONSTRUCTION	FY 2023 -	\$2,471,000	(BGIM)
POLK	LINE. PAVEMENT REHABILITATION.		FY 2024 -	\$2,471,000	(BGIM)
<b>PROJ.CATEGORY</b>	<b><u>ACCELERATE CONSTRUCTION FROM FY 24 TO FY 23</u></b>			\$4,942,000	
STATEWIDE	<b><u>TO REFLECT LATEST INTERSTATE MAINTENANCE PRIORITY.</u></b>				

R-5861	US 19/129, GEORGIA STATE LINE TO US 64. WIDEN	RIGHT-OF-WAY	FY 2022 -	\$1,500,000	(T)
CHEROKEE	ROADWAY.		FY 2023 -	\$1,500,000	(T)
<b>PROJ.CATEGORY</b>	<b><u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	UTILITIES	FY 2022 -	\$1,000,000	(T)
DIVISION		CONSTRUCTION	FY 2024 -	\$10,850,000	(T)
			FY 2025 -	\$10,850,000	(T)
			FY 2026 -	\$10,850,000	(T)
			FY 2027 -	\$10,850,000	(T)
				\$47,400,000	

* TG-6143	CITY OF ASHEVILLE, ROUTINE CAPITAL - BUS STOP	CAPITAL	FY 2021 -	\$8,000	(L)
HENDERSON	SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE		FY 2021 -	\$116,000	(5307)
<b>PROJ.CATEGORY</b>	PARTS, ENGINES, FAREBOX, SERVICE NEW		FY 2022 -	\$8,000	(L)
PUBLIC TRANS	TECHNOLOGY FOR SYSTEM WITH CARES 2021		FY 2022 -	\$31,000	(5307)
	FUNDING.		FY 2023 -	\$8,000	(L)
	<b><u>MODIFY DESCRIPTION AT THE REQUEST OF THE MPO.</u></b>		FY 2023 -	\$31,000	(5307)
				\$202,000	

* TG-6788	CITY OF ASHEVILLE, MOUNTAIN PROJECTS (	CAPITAL	FY 2020 -	\$17,000	(L)
HAYWOOD	HAYWOOD COUNTY) DEVIATED FIXED ROUTE		FY 2020 -	\$68,000	(3037)
<b>PROJ.CATEGORY</b>	CAPITAL AND CARES FUNDS.		FY 2021 -	\$24,000	(L)
PUBLIC TRANS	<b><u>MODIFY THE DESCRIPTION AT THE REQUEST OF THE MPO.</u></b>		FY 2021 -	\$339,000	(3037)
				\$448,000	

**STATEWIDE**

* TI-6109	STATEWIDE, 5311(F) INTERCITY BUS FUNDS FOR FTA	OPERATIONS	FY 2021 -	\$2,698,000	(5311)
STATEWIDE	GRANTS			\$2,698,000	
<b>PROJ.CATEGORY</b>	<b><u>MODIFY FEDERAL FUNDS RECEIVED FROM FTA</u></b>				
PUBLIC TRANS	<b><u>BASED ON FY 21-22 GRANTS.</u></b>				

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

**STATEWIDE**

* TM-0033	NCDOT, 5311(F) INTERCITY BUS - STATE ADMIN	OPERATIONS	FY 2022 -	<u>\$2,698,000</u>	(5311)
STATEWIDE	<u>MODIFY FEDERAL FUNDS RECEIVED FROM FTA</u>			<u>\$2,698,000</u>	
<b>PROJ.CATEGORY</b>	<u>BASED ON FY 21-22 GRANTS.</u>				
PUBLIC TRANS					

* TU-0003	STATEWIDE, H.O.P.E GRANT OPPORTUNITY FROM	PLANNING	FY 2021 -	<u>\$12,000</u>	(S)
STATEWIDE	THE FTA. DISCRETIONARY GRANT AWARDED BY FTA.		FY 2021 -	<u>\$110,000</u>	(5312)
<b>PROJ.CATEGORY</b>	PLANNING AND DESIGN IN PREPARATION FOR			<u>\$122,000</u>	
PUBLIC TRANS	ELECTRIC VEHICLE DEPLOYMENT.				
	<u>CORRECT FUNDING IN FY 21 AT THE REQUEST OF</u>				
	<u>THE INTEGRATED MOBILITY DIVISION.</u>				

**STIP DELETIONS**

**DIVISION 4**

* HS-2004A	US 70 BYPASS (FUTURE I-42), UPGRADE GUARDRAIL	CONSTRUCTION	FY 2021 -	<u>\$275,000</u>	(HSIP)
WAYNE	ALONG US 70 BYPASS (FUTURE I-42) BETWEEN US 70			<u>\$275,000</u>	
<b>PROJ.CATEGORY</b>	AND MILE MARKER 361.				
STATEWIDE	<u>DELETE AT THE REQUEST OF TRANSPORTATION</u>				
	<u>MOBILITY AND SAFETY.</u>				

* I-3318BA	I-95, NORTH OF SR 1001 (MILE MARKER 100) TO US 301	CONSTRUCTION	FY 2021 -	<u>\$5,000,000</u>	(NHPIM)
JOHNSTON	(EXIT 107).			<u>\$5,000,000</u>	
	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER</u>				
	<u>PROJECT I-5786.</u>				

**DIVISION 13**

* TO-4705	CITY OF ASHEVILLE, TRANSIT OPERATIONS	OPERATIONS	FY 2020 -	<u>\$765,000</u>	(SMAP)
BUNCOMBE	<u>REMOVE PROJECT AT THE REQUEST OF THE MPO.</u>		FY 2020 -	<u>\$600,000</u>	(L)
<b>PROJ.CATEGORY</b>			FY 2020 -	<u>\$600,000</u>	(5307)
PUBLIC TRANS				<u>\$1,965,000</u>	

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

**ITEM N SUMMARY**

ADDITION	10	PROJECTS	\$55,920,000
MODIFICATION	113	PROJECTS	
DELETION	3	PROJECTS	\$7,240,000
	126	PROJECTS	\$48,680,000

NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

SUMMARY: There are a total of 27 agreements for approval by the Board of Transportation.

Division 2

Greenville Utilities Commission Pitt County U-5917 44679.1.1 9778	This Project consists of improvements on SR 1704 (East 14 <sup>th</sup> Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road. At the request of the Agency, the Department shall prepare the utility design plans for the relocation of water lines associated with the project. The cost to the Agency is \$38,316.88. This agenda item supersedes the item that was approved by the BOT on January 9, 2020.
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Greenville Utilities Commission Pitt County U-5917 44679.1.1 9780	This Project consists of improvements on SR 1704 (East 14 <sup>th</sup> Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road. At the request of the Agency, the Department shall prepare the utility design plans for the relocation of sewer lines associated with the project. The cost to the Agency is \$12,539.96. This agenda item supersedes the item that was approved by the BOT on January 9, 2020.
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Greenville Utilities Commission Pitt County U-5917 44679.1.1 9799	This Project consists of improvements on SR 1704 (East 14 <sup>th</sup> Street) from the intersection of SR 1708 (Fire Tower Road) to just south of White Hollow Road. At the request of the Agency, the Department shall prepare the utility design plans for the relocation of gas lines associated with the project. The cost to the Agency is \$85,352.76. This agenda item supersedes the item that was approved by the BOT on January 9, 2020.
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Division 4

City of Rocky Mount Nash County 4.106412 9800	This Project consists of municipal maintenance of traffic control devices (Schedule A) in Rocky Mount. The Municipality will be responsible for maintenance of the signs and supports of the traffic signals on State Highway System Streets within the Municipality. The Department shall reimburse the Municipality for the maintenance up to \$20,000 annually renewable over a five (5) year period.
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NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

Division 4, cont.

Carl H. Ricker, Jr.  
Nash County  
U-5026  
44033.3.3  
9818

This Project consists of interchange improvements on I-95 at SR 1770 (Sunset Ave.) in Nash County. The Department shall perform the design work for a proposed driveway for Parcel 146 located along Freight Drive near - Y15- Sta. 17+64.53 in conjunction with the Department's U-5026 Project. The Developer shall reimburse the Department a fixed cost of \$1,947.25 for the work.

Divisions 4 & 5

Tar River Land Conservancy  
R-2828  
35516.5.TA1  
9777

This Agreement is to address the Department's participation in the Tar River Land Conservancy's land acquisition program as part of the I-540 settlement agreement with Sound Rivers, Inc., Center for Biological Diversity and Clean Air Carolina. The Department will provide a one-time contribution of \$5,000,000 to the Tar River Land Conservancy to acquire land that will provide habitat benefits in perpetuity for fish and wildlife species.

Division 5

Research Triangle Regional  
Public Transportation Authority  
d/b/a GoTriangle (GoTriangle)  
Norfolk Southern Railway  
Company (NS)  
North Carolina Railroad  
Company (NCRR)

This Agreement covers the Department's participation in the railroad operations capacity study for the Greater Triangle Commuter Rail project. There is no cost to the Department for participating in this study.

OWASA  
Durham County  
EB-4707A  
38664.3.3  
9830

This Project consists of improving pedestrian and transit on SR 1838 (Old Durham Road) and SR 2220 (Chapel Hill Road) from US 15-501 to SR 1113 (Pope Road) in Durham County. This Supplemental agreement consists of additional utility work in the construction contract. The total cost of the additional work is \$72,480.19. OWASA will be responsible for paying the Department \$46,067.26.



NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

Division 6

City of Dunn  
Harnett County  
I-5878  
53078.3.1  
9824

This Project consists of widening I-95 in Harnett County. At the request of the Municipality, the Department shall include in its contract the water and sewer lines that will be upsized. The Municipality shall reimburse the Department 100% of the actual cost of work. The estimated reimbursement from the Municipality is \$260,498.

Division 7

City of Greensboro  
Guilford County  
U-5326  
41545  
9798

This Project consists of construction of right turn lanes, additional left turn lanes and sidewalks within the project limits at Market Street and College Road intersection. This Supplemental agreement is to increase funding for the Project. The Department's original participation was \$880,00 in STP-DA Funds and \$7,100,000 in State Highway Trust Funds. The Department agrees to reimburse the Municipality an additional \$1,150,689 of State Highway Trust Funds. The Municipality will provide any costs that exceed the total estimated cost of \$9,350,689.

City of Greensboro  
Guilford County  
EL-5101 DM  
STPDA-0708(43)  
41823.1.4  
41823.2.F20  
41823.3.20  
9807

This Project consists of curb, gutter, and sidewalk upgrades on Holts Chapel Road/Lowdermilk Street. This Supplemental Agreement is to increase funding for the Project. The Department's original participation was \$5,475,730. The Department agrees to reimburse the Municipality an additional \$1,287,999. The Municipality will provide an additional \$322,000 as their local match and all costs that exceed the total estimated cost of \$8,454,662.

City of Greensboro  
Guilford County  
EL-5101 DJ  
STPDA-0708(31)  
41823.1.2  
41823.3.13  
41823.3.24  
9794

This Project consists of construction of the Greensboro Downtown Greenway. This Supplement Agreement will increase the funding as well as revise the scope of the Project. The scope will now include replacing the failing bridge deck on Murrow Boulevard over Church Street and constructing a trailhead with parking location to access the greenway. The Department agrees to reimburse the Municipality an additional \$3,560,278. The Municipality will provide an additional \$890,070 match and all costs that exceeds the available funding of \$14,249,788.

NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

Division 7, cont.

City of Greensboro  
Guilford County  
EB-5518  
50034.1.FD1  
50034.2.2  
50034.3.3  
9832

This Project consists of construction of the Latham Park Greenway. This Supplement Agreement will increase the funding for the Project. The Department agrees to reimburse the Municipality \$208,102 in TAP funds. The Municipality will provide \$52,025 for the non-federal match and be responsible for all costs that exceed the total available funding of \$788,90.

Division 8

United States Forest Service  
Montgomery County  
9814

Under the Master Cooperative Agreement 9582, the Department agrees to work with the US Forest Service to design specific roads in the Uwharrie National Forest in Montgomery County. The estimate for this work is \$225,000 and the US Forest Service will reimburse the Department 100% of the actual costs.

Division 9

City of Salisbury  
Rowan County  
HL-0005  
49344.3.1  
9816

This Project consists of the upgrading of various signals throughout the Municipality. The Municipality is responsible for all phases of the Project. The Department shall reimburse (80%) of approved eligible costs up to a maximum amount of \$343,000. The Municipality shall provide the 20% non-federal match (\$85,750) and all costs that exceed the total estimated costs of \$428,750.

City of Thomasville  
Davidson County  
17BP.9.R.33  
9781

This Project consists of the replacement of Bridge No. 459 over Charles Creek on SR 2160 (Smith Drive). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally owned water and sewer lines. The Municipality shall reimburse the Department actual costs of the work. The estimated reimbursement is \$19,965.

NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

Division 9, cont.

North Carolina Railroad  
Company (NCRR)  
Rowan County  
P-5725 & P-5726

This Agreement sets out the funding responsibility of NCRR for the construction of a second passenger platform at the Kannapolis Passenger Rail Station and for the construction of a second passenger platform at the Salisbury Passenger Rail Station. The Agreement provides for NCRR to contribute up to \$800,000.00 towards the Kannapolis Project and up to \$4,200,000.00 towards the Salisbury Project. All Department costs for these projects are covered in other Agreements.

Division 10

North Carolina Railroad  
Company (NCRR)  
Cabarrus County  
P-5725 & P-5726

This Agreement sets out the funding responsibility of NCRR for the construction of a second passenger platform at the Kannapolis Passenger Rail Station and for the construction of a second passenger platform at the Salisbury Passenger Rail Station. The Agreement provides for NCRR to contribute up to \$800,000.00 towards the Kannapolis Project and up to \$4,200,000.00 towards the Salisbury Project. All Department costs for these projects are covered in other Agreements.

Norfolk Southern Railway  
Company (NS),  
North Carolina Railroad  
Company (NCRR)  
Cabarrus County  
P-5725  
47603

This Agreement covers the permitting, grading, track, and railroad signal construction necessary to complete the Kannapolis Station 2<sup>nd</sup> Platform Project between Mainline MP 349.1 and MP 349.3. NS will perform track and signal work. The Department will perform work associated with the construction of the pedestrian bridge, platform, canopy, parking lot, building utilities, and roadway improvements for the Project. In addition, NS will provide engineering and flagging services to support the Department's construction. The total estimated cost to the Department is \$1,500,000.

Town of Davidson  
Mecklenburg County  
U-5907  
46452.1.1  
46452.2.1  
46452.3.1  
9743

This Project consists of construction of the Potts-Sloan Beaty Connector. The Department will perform the work. This Supplemental Agreement is for an increase in project funding that revises the Municipality's participation in the project. The Municipality shall be responsible for all costs that exceed the Department's funding of \$7,960,429.

NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

Division 10, cont.

Town of Pineville  
Mecklenburg County  
U-6086  
47881.1.1  
47881.2.1  
47881.3.1  
9755

This Project consists of the installation of a median, sidewalk and traffic signals on NC 51 between Park Road and Carmel Road. The Department will perform the work and participate in the project costs up to \$5,643,000 in federal funds. The Town of Pineville and the City of Charlotte, through separate agreements, shall share in the non-federal match of the construction phase. The Town will provide a non-federal match of \$1,000,000 and will be responsible for all costs that exceed the total estimated cost of \$7,555,000.

City of Charlotte  
Mecklenburg County  
U-6086  
47881.1.1  
47881.2.1  
47881.3.1  
9756

This Project consists of the installation of a median, sidewalk and traffic signals on NC 51 between Park Road and Carmel Road. The Department will perform the work and participate in the project costs up to \$5,643,000 in federal funds. The City of Charlotte and the Town of Pineville, through separate agreements, shall share in the non-federal match of the construction phase. The City will provide a non-federal match of \$410,750 and additional local participation in the amount of \$501,250 for a maximum participation of \$912,000. The estimated cost of the project is \$7,555,000.

Town of Stanfield  
Stanly County  
EB-5857  
47313.1.1  
47313.2.1  
47313.3.1  
9793

This Project consists of construction of sidewalk and the installation of ADA ramps on the west side of the roadway on NC 200 Highway North from North Love Chapel Road to Carmel Road. The Department will perform the work and participate in the project costs up to \$520,000 in federal funds. The Municipality will provide a non-federal match of \$130,000 and all costs that exceed the total available funding of \$650,000.

City of Concord  
Cabarrus County  
C-5603G  
43713.3.7  
9812

This Project consists of intersection improvements at Bruton Smith Boulevard and Weddington Road. This Supplemental Agreement is to increase funding for the Project via a transfer from C-5603I. The Department agrees to reimburse the Municipality up to 80% (\$101,000) in additional federal funds. The Municipality shall provide an additional 20% non-federal match (\$25,250) and all costs that exceed the total estimated cost of \$308,350.

NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

Division 10, cont.

City of Concord  
Cabarrus County  
C-5603I  
43713.1.9  
43713.2.9  
43713.3.9  
9813

This Project consists of constructing an additional westbound receiving lane and sidewalk on US 601 from Flowes Store Road/Miami Church to Zion Church Road and intersection improvements at US 601 and Flowes Store Rd./Miami Church Rd. This Supplemental Agreement is to reduce funding for the Project via a transfer to C-5603G. The Department agrees to reimburse the Municipality up to 80% (\$1,415,368) in reduced federal funds. The Municipality shall provide the 20% (\$353,842) in reduced non-federal match and all costs that exceed the total estimated cost of \$1,769,210.

Division 12

City of Kings Mountain  
Cleveland County  
2022CPT.12.05.10231  
9802

This Project consists of milling, resurfacing, pavement markings and markers, curb ramps, signal loops and utility valve and manhole adjustments included in the construction of the City of Kings Mountain Streetscape Project on NC 216 from US 74 Business to Falls Street. The Municipality is responsible for the work. The Department shall participate in the Construction costs of the project up to a maximum amount of \$215,123. Costs that exceed that amount shall be borne by the Municipality.

Division 13

Town of Forest City  
Rutherford County  
U-5833  
50225.3.1  
9808

This Project consists of improvements on SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. This Supplemental Agreement is for additional utility work at the request of the Municipality. The Municipality shall reimburse the Department 100% of the additional cost. The estimated reimbursement is \$50,000.

Division 14

Town of Mills River  
Henderson County  
EB-5946  
48237.1.1  
9792

This Project consists of construction of a multi-use path from NC 280 to Haywood Road (NC 191) in Mills River. The Department is responsible for the project and will participate up to \$240,000 (80%) in federal funds in the Preliminary Engineering (PE) phase of the project. The Municipality will provide a 20% non-federal match of \$60,000 and all costs that exceed the total estimated cost \$300,000.

NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

SUMMARY: There are a total of 19 agreements for informational purposes only.

Division 1

UNC Coastal Studies Institute  
East Carolina University  
NC Department of Natural and  
Cultural Resources  
Dare County  
1SP.10281.36  
9831

This Project consists of an underwater inspection of Jennette's Pier performed by the Department. The Department will perform the work with reimbursement by the Institute via the University. The estimated reimbursement is \$15,000.

Division 3

Bill Clark Homes  
Brunswick County  
36249.4311  
9782

This Project consists of signal retiming at the intersection of NC 211/NC 87/Robert Ruark Drive and coordination of the Southport Signal System along NC 211, related to the Osprey Landing Development. The Department will perform the work. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

East Coast Migrant Head Start  
Project  
Pender County  
36249.4309  
9741

This Project consists of signal modifications at US 117/NC 133 and Blossom Ferry Road [SIN: 03-0961], related to the East Coast Migrant Head Start Development. 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 agenda item supersedes the item that was approved by the BOT on April 8, 2021.

City of Wilmington  
New Hanover County  
3.1065SM  
9822

This Agreement is to address maintenance responsibilities of traffic signal preemption equipment for signalized intersections within Wilmington and/or included in the City of Wilmington's Traffic Schedule C and D Agreements. The Municipality shall be responsible for the maintenance.

City of Wilmington  
New Hanover County  
U-3338B(L)  
34932.3.5  
9821

This Project consists of the installation of landscape enhancements along North and South Kerr Avenue (SR 1175) from US 74 to Randall Parkway, as part of the U-3338B(L) Project. This supplemental agreement is to modify the maintenance responsibilities.

May 6, 2021

NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

Division 3, cont.

New Hanover County  
3.1065SM  
9823

This Agreement is to address maintenance responsibilities of traffic signal preemption equipment for signalized intersections within New Hanover County outside of those included in the City of Wilmington's Traffic Schedule C and D Agreements. The County shall be responsible for the maintenance.

Division 5

Al. Neyer, LLC  
Wake County  
36249.4312  
9796

This Project consists of the installation new wooden pole supports for signal heads at the intersection of US 70 Business and TV Tower Road in Wake County. The Department will review the traffic signal plan and inspect the new wooden pole installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

D.R. Horton - Terramor, LLC  
Wake County  
36249.4317  
9811

The Project consists of upgrades to the existing isolated signal (05-2235) at NC 42 and Hilltop Road in Fuquay-Varina to accommodate a proposed southbound left-turn lane on Hilltop Road. This turn lane improvement is required by NCDOT for the proposed Bexford development on Hilltop Road. The Department will review the traffic signal plans and inspect the installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

City of Raleigh  
Wake County  
36249.4316  
9810

This Project consists of the development of the Western Corridor Bus Rapid Transit Project from Downtown Raleigh to Cary. The Department will provide Review and Oversight and the Municipality shall reimburse 100% of the actual cost of all work performed by the Department. The estimated cost is \$25,000.

U.S. Geological Survey  
(USGS)  
Wake County  
9838

The Department and the USGS have agreed to a Joint Funding Agreement to update the techniques for estimating the magnitude and frequency of floods for rural basins in the southeastern United States, including North Carolina. This addendum will extend the Project completion date from September 30, 2021 to March 31, 2022. No additional funding is required.

May 6, 2021

NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

Division 10

City of Kannapolis Kannapolis Logistics Center, LLC Cabarrus County U-6098 47896.3.1 47706 9797	This Project consists of construction of a right turn lane and a left turn lane from Davidson Highway (NC 73) to the Kannapolis Logistics Center on Kannapolis Parkway for improved access and construction of a roundabout at the intersection of SR 1620 (Macedonia Church Road) and SR 1621 (Barr Road) in Kannapolis. The Municipality and the Developer are responsible for the project. This Supplemental Agreement is to extend the completion date to June 30, 2022.
Town of Matthews Mecklenburg County U-4713A 39077.1.2 39077.2.2 39077.3.2 9761	This Project consists of construction of McKee Road Extension from SR 3448 (Pleasant Plains Road) to East John Street in Matthews. The Department is responsible for the project. The Municipality shall participate in the Right of Way costs of the project in the amount of \$2,000,000. The estimated total cost for Right of Way is \$2,890,000.
BRD Land & Investment I, LP Union County 36249.4315 9806	This Project consists of the modification of two new traffic signal NC 200 at NC 84 and NC 75 at NC 84. The Department will review the traffic signal plans and inspect the traffic signal modification. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$12,000.
City of Monroe Union County W-5710AN 44856.1.42 44856.2.42 44856.3.42 9762	This Project consists of the installation of a traffic signal on Old Charlotte Highway (SR 1009) at Williams Road in Monroe. The Department will perform the work. The Municipality shall participate in all phases of the project for a total maximum participation of \$75,000.
City of Charlotte Mecklenburg County 10.106012 9820	This Municipal Maintenance Agreement (Traffic Schedule B) provides for the installation and maintenance of pavement marking materials and pavement markers on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of signs and supports as per the Agreement.



NCDOT May 6, 2021 Board of Transportation Agenda  
Special and Municipal Agreements

Division 10, cont.

City of Charlotte  
Mecklenburg County  
10.106012  
9819

This Municipal Maintenance Agreement (Traffic Schedule A) provides for the installation, repair and maintenance of traffic signs and supports by the Municipality on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of signs and supports as per the Agreement.

Division 13

Buncombe County  
U-6230  
48926.3.1  
9817

This Project consists of grading, drainage, installation, pavement and curb and gutter for the Walk Off Way Economic Development Project that will provide access to the Haakon Industries Facility in Buncombe County. The Department will perform the work. The County will maintain the sidewalk upon completion of the project.

Birch Hill Apartments, LLC  
Buncombe County  
36249.4318  
9815

This Project consists of a new traffic signal installation at the intersection of NC 112 and SR 3431 (Pond Road), and a signal revision at the intersection of NC 191 and SR 3431 (Pond Road) in Buncombe 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 \$7,500.

Division 14

Clay County  
36249.4319  
9835

This Project consists of installing approximately 1,000 feet of guardrail at the intersection of Myers Chapel Road and Valley Hideaway Drive. The Department will be responsible for planning, design, construction, and contract administration. The County shall reimburse the Department 100% of actual cost of work. The estimated cost of the Project is \$59,385.

# NCDOT May 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
8	Randolph	Town of Ramseur	SR 2615; Main Street	From NC 22 (Coleridge Road) to Brooklyn Avenue	0.26

**File Name:** RANDOLPH\_2021\_05\_M001

10	Mecklenburg	Town of Davidson	SR 5321; Kistler Farm Road	From SR 2420 (E Rocky River Road) to end of cul-de-sac	0.29
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**File Name:** MECKLENBURG\_2021\_05\_M001

**Total Miles = 0.55**

## **NCDOT May 2021 Board of Transportation Agenda**

<b><u>No.</u></b>		<b><u>Enacted Page No.</u></b>
<b>1</b>	<b>Preliminary Right of Way Plans</b>	<b>R-1 &amp; R-2</b>
<b>2</b>	<b>Final Right of Way Plans</b>	<b>R-3 &amp; R-4</b>
<b>3</b>	<b>Revision of the Final Right of Way Plans</b>	<b>R-5</b>
<b>4</b>	<b>Conveyance ROW Residue by Real Estate Agent and or Auctioneer</b>	<b>R-6 – R-11</b>
<b>5</b>	<b>Approval of Conveyance of Highway Right of Way Residues</b>	<b>R-12</b>
<b>6</b>	<b>Approval of Revision in Control of Access</b>	<b>R-13</b>
<b>7</b>	<b>Approval of Sewer Line Easement</b>	<b>R-14</b>

## **NCDOT May 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 2)**

**Craven County; I.D. No. W-5702V; Project No. 44848.2.22:**  
SR 1400 (River Road) at SR 1450 (Nelson Road) near Vanceboro

#### **(Division 6)**

**Harnett County; I.D. No. R-5705A; Project No. 46377.2.5:**  
NC 55 from just South of SR 1532 (Oak Grove Church Road) to NC 210 (UTILITIES ONLY)

**Harnett County; I.D. No. R-5705B; Project No. 46377.2.6:**  
NC 55 from NC 210 to SR 4809 (Jicarilla Lane) (UTILITIES ONLY)

#### **(Division 7)**

**Guilford County; I.D. No. U-6018; Project No. 47163.2.1:**  
NC 62 from SR 1154 (Kersey Valley Road) to SR 1162 (Weant Road) in Archdale (UTILITIES UNDER 47163.2.2)

## **NCDOT May 2021 Board of Transportation Agenda**

### **Preliminary Right of Way Plans (continued)**

#### **(Division 8)**

**Hoke/Moore Counties; I.D. No. R-5709; Project No. 50205.2.1:**

NC 211 from US 15 / US 501 in Aberdeen to East of SR 1244 (West Palmer Street) / SR 1311 (Mockingbird Hill Road) in Raeford

**PRELIMINARY RIGHT OF WAY PLANS**

**5 PROJECT(S)**

**\$ 0.00**

## **NCDOT May 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. 45574.2.1; Lenoir County; I.D. No. B-5619:**

Drainage, grading, paving and structure on Bridge No. 52 over Neuse River and Bridge No. 152 over Neuse River Overflow on SR 1389 (Hardy Bridge Road) with the right of way indicated upon the final plans for said project.

#### **(Division 3)**

##### **Project No. 45581.2.1; Onslow County; I.D. No. B-5626:**

Drainage, grading, paving and structure on Bridge No. 31 over Sandy Run Swamp on NC 50 with the right of way indicated upon the final plans for said project.

#### **(Division 4)**

##### **Project No. 40134.2.1; Edgecombe County; I.D. No. B-4931:**

Drainage, grading, paving and structure on Bridge No. 22 over Town Creek on US 258 with the right of way indicated upon the final plans for said project.

#### **(Division 9)**

##### **Project No. 17BP.9.R.87; Rowan County; I.D. No. 080SR1503:**

Grading, drainage, paving and structure on Bridge No. 790255 over Grants Creek on SR 1503 (Grace Church Road) with the right of way indicated upon the final plans for said project.

##### **Project No. 17BP.9.R.75; Rowan County; I.D. No. 080SR1952:**

Grading, paving, drainage, and structure on Bridge No. 064 over Beaverdam Creek on SR 1952 (Godbey Road) with the right of way indicated upon the final plans for said project.

## **NCDOT May 2021 Board of Transportation Agenda**

### **Final Right of Way Plans (continued)**

#### **(Division 9) (continued)**

##### **Project No. 17BP.9.R.98; Stokes County; I.D. No. 085NC66:**

Grading, paving, drainage, and culvert on Bridge No. 15 over Vade Mecum Creek on NC 66 with the right of way indicated upon the final plans for said project.

#### **(Division 10)**

##### **Project No. 38356.2.2; Anson & Stanly Counties; I.D. No. B-4407:**

Drainage, grading, paving and structure on Bridge No. 70 over Rocky River on US 52 with the right of way indicated upon the final plans for said project.

##### **Project No. 45771.2.1; Anson County; I.D. No. B-5818:**

Drainage, grading, paving and structure on Bridge No. 11 over Deadfall Creek on NC 109 with the right of way indicated upon the final plans for said project.

#### **(Division 14)**

##### **Project No. 44634.2.1; Henderson County; I.D. No. U-5887:**

Culvert, drainage and grading on SR 1783 (Highland Lake Road) from NC 225 to US 176 with the right of way indicated upon the final plans for said project.

**FINAL RIGHT OF WAY PLANS**

**9 PROJECT(S)**

**\$ 0.00**

## **NCDOT May 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. 34900.2.FR4; I.D. No. U-3109A; Alamance County:**

Final Right of Way plans approved on the minutes of the May 4, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 6 and 19 as presented at the May 6, 2021 Board of Transportation Meeting.

#### **(Divisions 8/10)**

##### **Project No. 34446.2.5; I.D. No. R-2530B; Stanly & Montgomery Counties:**

Final Right of Way plans approved on the minutes of the October 3, 2019 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 22 as presented at the May 6, 2021 Board of Transportation Meeting.

#### **(Divisions 12)**

##### **Project No. 34522.2.FR6; I.D. No. R-3100A; Catawba County:**

Final Right of Way plans approved on the minutes of the April 6, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 13 as presented at the May 6, 2021 Board of Transportation Meeting.

**REVISION FINAL ROW PLANS**

**3 PROJECT(S)**

**\$0.00**



## **NCDOT May 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 3)**

##### **Project 010US17, Parcel 001, 002, US 17**

###### **Brunswick County**

Conveyance of an approximate 1.570-acre area comprised of one (2) B-class residues, having a value of \$13,500 to **918 Emory Investments, LLC** for the highest offer amount of **32,501**; total commission **\$3,301**.

##### **Project R-2633A, Parcel 048, Wilmington Bypass**

###### **Brunswick County**

Conveyance of an approximate 1.040-acre area comprised of one (1) B-class residue, having a value of \$4,850 to **Henry F. Scott** for the highest offer amount of **5,250**; total commission **\$500**.

##### **Project R-2633A, Parcel 016, 016A, Wilmington Bypass**

###### **Brunswick County**

Conveyance of an approximate 3.370-acre area comprised of three (3) B-class residues, having a value of \$18,000 to **Maria Jesus Camacho Colon** for the highest offer amount of **18,000**; total commission **\$1,800**.

##### **Project U-4007B, Parcel 011, US 17**

###### **Onslow County**

Conveyance of an approximate 0.190-acre area comprised of one (1) C-class residue, having a value of \$1000 to **918 Emory Investments, LLC** for the highest offer amount of **3,001**; total commission **\$300.10**.

##### **Project U-5132, Parcel 905, NC 24**

###### **Onslow County**

Conveyance of an approximate 0.400-acre area comprised of one (1) C-class residue, having a value of \$1,000 to **Gao Fei Lin** for the highest offer amount of **1,000**; total commission **\$250**.

##### **Project R-2405A, Parcel 002, 002A, 002B, US 17**

###### **New Hanover County**

Conveyance of an approximate 26.970-acre area comprised of six (6) B-class residues, having a value of \$50,000 to **918 Emory Investments, LLC** for the highest offer amount of **121,000**; total commission **\$12,100**.

## **NCDOT May 2021 Board of Transportation Agenda**

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

#### **Auctioneer (continued)**

#### **(Division 5)**

##### **Project I-0660DB, Parcel 188, I-85**

##### **Durham County**

Conveyance of an approximate 0.270-acre area comprised of one (1) B-class residue, having a value of \$3,500 to **The Cowart Lopez Living Trust** for the highest offer amount of **\$3,500**.

##### **Project U-2527, Parcel 039, Henderson Western Loop**

##### **Vance County**

Conveyance of an approximate 0.170-acre area comprised of one (1) B-class residue, having a value of \$3,000 to **Onochie Okafor** for the highest offer amount of **\$9,764**.

##### **Project U-2527, Parcel 028, Henderson Western Loop**

##### **Vance County**

Conveyance of an approximate 0.200-acre area comprised of one (1) C-class residue, having a value of \$750 to **Kevin E. Brittingham** for the highest offer amount of **\$998**.

##### **Project U-4410DB, Parcel 003, Hopson Road**

##### **Durham County**

Conveyance of an approximate 0.910-acre area comprised of one (1) C-class residue, having a value of \$250 to **Johnson Christopher Boru** for the highest offer amount of **\$26,597**.

##### **Project U-0071, Parcel 259, Durham East End Connector**

##### **Durham County**

Conveyance of an approximate 0.140-acre area comprised of one (1) C-class residue, having a value of \$600 to **Green Street Group, LLC** for the highest offer amount of **\$600**.

##### **Project U-0071, Parcel 362, 367, 143, 00R, Durham East End Connector**

##### **Durham County**

Conveyance of an approximate 0.060-acre area comprised of one (4) C-class residues, having a value of \$3,500 to **Edgar Manuel Arevalo** for the highest offer amount of **\$11,000**.

##### **Project U-0071, Parcel 246, Durham East End Connector**

##### **Durham County**

Conveyance of an approximate 0.140-acre area comprised of one (1) C-class residue, having a value of \$400 to **M.M. Fowler Inc.** for the highest offer amount of **\$3,500**.

##### **Project W-1049, Parcel 005, US 501**

##### **Durham County**

Conveyance of an approximate 0.250-acre area comprised of one (1) B-class residue, having a value of \$2,000 to **Manmoha Singh** for the highest offer amount of **\$5,000**.

## **NCDOT May 2021 Board of Transportation Agenda**

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

#### **Auctioneer (continued)**

#### **(Division 5) (continued)**

##### **Project U-4410DB, Parcel 003, Hopson Rd.**

##### **Durham County**

Conveyance of an approximate 0.710-acre area comprised of one (1) B-class residue, having a value of \$1,125 to **Safwat Nasrat** for the highest offer amount of **\$8,986**.

##### **Project U-0071, Parcel Q, Durham East End Connector**

##### **Durham County**

Conveyance of an approximate 0.180-acre area comprised of one (1) C-class residue, having a value of \$150 to **Andrew G Jones** for the highest offer amount of **\$6,059**.

##### **Project U-2527, Parcel 011, Henderson Western Loop**

##### **Vance County**

Conveyance of an approximate 0.070-acre area comprised of one (1) C-class residue, having a value of \$200 to **Aisha Azmat Chughtai** for the highest offer amount of **\$987**.

##### **Project R-2000B, Parcel 906D, Raleigh Outer Loop**

##### **Wake County**

Conveyance of an approximate 4.970-acre area comprised of one (1) C-class residue and (1) B-class residue, having a value of \$4,800 to **Bashir & Amal Mohsen** for the highest offer amount of **\$11,025**.

##### **Project R-2000B, Parcel 926, Raleigh Outer Loop**

##### **Wake County**

Conveyance of an approximate 0.520-acre area comprised of one (1) B-class residue, having a value of \$7,500 to **Tess Wynn** for the highest offer amount of **\$7,500**.

##### **Project 092SR1575, Parcel 00F, US 1**

##### **Vance County**

Conveyance of an approximate 0.580-acre area comprised of one (6) C-class residue, having a value of \$4,200 to **Onochie Okafor** for the highest offer amount of **\$4,600**.

##### **Project U-2527, Parcel, Henderson Western Loop**

##### **Vance County**

Conveyance of an approximate 0.170-acre area comprised of one (1) B-class residue, having a value of \$3,000 to **Onochie Okafor** for the highest offer amount of **\$9,764**.

#### **(Division 7)**

##### **Project U-2525B, Parcel 138, Greensboro Eastern Loop**

##### **Guilford County**

Conveyance of an approximate 0.190-acre area comprised of one (1) C-class residue, having a value of \$2,000 to **Cynthia McLaughlin & Randall Oakley** for the highest offer amount of **\$1,801**; total commission **\$1,000**.

## **NCDOT May 2021 Board of Transportation Agenda**

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

#### **Auctioneer (continued)**

#### **(Division 8)**

##### **Project 077US73, Parcel 001, US 73**

##### **Randolph County**

Conveyance of an approximate 0.070-acre area comprised of one (1) C-class residue, having a value of \$275 to **Kwan & Ambre McNeil** for the highest offer amount of **\$275**; total commission **\$233**.

##### **Project R-0523B, Parcel 024, US 73**

##### **Randolph County**

Conveyance of an approximate 1.400-acre area comprised of one (1) B-class residue, having a value of \$3,750 to **Donald & Patty Gatlin** for the highest offer amount of **\$3,750**.

##### **Project R-2417AA, Parcel 901, Sanford Bypass**

##### **Lee County**

Conveyance of an approximate 0.250-acre area comprised of one (1) B-class residue, having a value of \$1,000 to **John M. Gathara** for the highest offer amount of **\$5,733**.

##### **Project 076SR1009, Parcel 001, US 220 Business**

##### **Randolph County**

Conveyance of an approximate 0.120-acre area comprised of one (1) B-class residue, having a value of \$1,750 to **Katherine & Stephen Green** for the highest offer amount of **\$2,000**.

##### **Project R-2417AA, Parcel 023, Sanford Bypass**

##### **Lee County**

Conveyance of an approximate 1.321-acre area comprised of one (1) B-class residue, having a value of \$500 to **Rexine Kelly Lloyd** for the highest offer amount of **\$1000**.

##### **Project I-0022, Parcel 001, I-85**

##### **Randolph County**

Conveyance of an approximate 0.030-acre area comprised of one (1) C-class residue, having a value of \$23 to **Sarah Wilson & Tamara Nooe** for the highest offer amount of **\$100**; total Commission **\$240**.

##### **Project R-0523B, Parcel, US 220 Business**

##### **Randolph County**

Conveyance of an approximate 0.320-acre area comprised of one (1) B-class residue, having a value of \$750 to **Levi Mahan** for the highest offer amount of **\$800**; total commission **\$170**.

## **NCDOT May 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 018SR5114, Parcel 001, Mitchell Drive Catawba County**

Conveyance of an approximate 0.090-acre area comprised of two (2) C-class residues, having a value of \$400 to **Hal Nelson Wood** for the highest offer amount of **\$400**; total commission **\$1,000**.

###### **Project R-2206B, Parcel 062, NC 16 Lincoln County**

Conveyance of an approximate 11.700-acre area comprised of one (1) A-class residue, having a value of \$115,000 to **Wendy Loftin** for the highest offer amount of **\$103,500**; total commission **\$6,210**.

###### **Project 023US74, Parcel 001, US 74 Lincoln County**

Conveyance of an approximate 0.590-acre area comprised of one (1) B-class residue, having a value of \$400 to **James & Mary Cornwell** for the highest offer amount of **\$400**; total commission **\$1,000**.

##### **(Division 13)**

###### **Project 011NC25, Parcel 001, Asheville-Hendersonville Highway Buncombe County**

Conveyance of an approximate 0.009-acre area comprised of one (1) C-class residue, having a value of \$300 to **First Citizens Bank & Trust Co.** for the highest offer amount of **\$300**; total commission **\$1,000**.

###### **Project R-2116B5, Parcel 042, NC 151 Buncombe County**

Conveyance of an approximate 0.090-acre area comprised of one (1) C-class residue, having a value of \$300 to **Arthur & Jo Ann McElrath** for the highest offer amount of **\$300**; total commission **\$1,000**.

###### **Project 011US40E, Parcel 002, I-40 Buncombe County**

Conveyance of an approximate 0.010-acre area comprised of one (1) C-class residue, having a value of \$300 to **New Day Holdings, LLC** for the highest offer amount of **\$300**; total commission **\$1,000**.

###### **Project 011SR1156, Parcel 001, Old Candler School Rd. Buncombe County**

Conveyance of an approximate 0.270-acre area comprised of one (1) C-class residue, having a value of \$500 to **Casey & Laura McMahan** for the highest offer amount of **\$500**; total commission **\$1,000**.

## **NCDOT May 2021 Board of Transportation Agenda**

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

#### **Auctioneer (continued)**

#### **(Division 13) (continued)**

##### **Project 011I40E, Parcel 001, I-40 East Buncombe County**

Conveyance of an approximate 0.350-acre area comprised of one (1) C-class residue, having a value of \$500 to **William & Thelma Rhodes** for the highest offer amount of **\$20,000**; total commission **\$1,200**.

##### **Project 011NC151, Parcel 001, NC 151 Buncombe County**

Conveyance of an approximate 0.080-acre area comprised of one (1) C-class residue, having a value of \$300 to **W. Payne & Charles W. Warren Jr.** for the highest offer amount of **\$300**; total commission **\$1,000**.

#### **(Division 14)**

##### **Project R-2408B, Parcel 042, NC 28 Macon County**

Conveyance of an approximate 0.210-acre area comprised of one (1) B-class residue, having a value of \$450 to **Robert & Daisy Williamson** for the highest offer amount of **\$1,050**; total commission **\$145**.

##### **Project R-2214A, Parcel 216, US 25 Henderson County**

Conveyance of an approximate 0.150-acre area comprised of one (1) C-class residue, having a value of \$5,500 to **Starling B Underwood Jr.** for the highest offer amount of **\$5,500**.

**CONVEYANCE ROW RESIDUE (HB 501)**

**40 PROJECT(S)**

**\$ 438,641.00**

## **NCDOT May 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 3)**

##### **Project 34634.2.3, R-9999C 001, SR 1472 (Village Road) Brunswick County**

Conveyance of approximately 3.955 acre area, formerly purchased as Wetlands, but determined to be of no credit to the Department, to Town of Belville for use with Brunswick Riverwalk at Belville, for no consideration.

#### **(Division 5)**

##### **Project 35520.2.TA2, R-2635 CI 903, Southwestern side of Roberts Road, near its intersection with Page Road**

##### **Wake County**

Conveyance of approximately 1.560 acre area to Powell Property Holdings LLC, the only interested adjacent owner, for its value of **\$22,225**.

##### **Project 032SR1445, Parcel 001, East side of Duke Street just South of I-85**

##### **Durham County**

Conveyance of approximately 0.114 acre area on the East side of N. Duke Street South of I-85 to Pocket Partners, LLC for its appraised value of **\$2,850**.

#### **(Division 14)**

##### **Project 41153.3.1, R-5000 017Z, Improvement of NC 107 near Rivercrest Drive**

##### **Jackson County**

Conveyance of 0.620 acre area to Ashley Ensley and Chad Hall, the only interested adjacent owners for the value of **\$9,300**.

**CONVEYANCE ROW RESIDUE**

**4 PROJECT(S)**

**\$ 34,375.00**

## **NCDOT May 2021 Board of Transportation Agenda**

### **Approval of Revision in Control of Access**

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 6.803967, R-2633AA & R-2633AB, Parcel 047; SR 1619 (Hazel Branch Road SE) North of SR 1552 (Sloan Road SE) near town of Leland  
Brunswick County**

Revision in the control of access along SR 1619 (Hazel Branch Road SE) North of SR 1552 (Sloan Road SE) near town of Leland in Brunswick County to Bishops Ridge, LLC for no consideration.

<b>APPROVAL OF REVISION IN CONTROL OF ACCESS</b>	<b>1 PROJECT(S)</b>	<b>\$ 0.00</b>
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## **NCDOT May 2021 Board of Transportation Agenda**

### **Approval of Sewer 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 5)**

##### **Project 34455.2.4 R-2547BB 007, US 64 (Knightdale Bypass) from New Hope Road to East of SR 1003 (Rolesville Road)**

##### **Wake County**

The Department acquired a residual tract from Mingo Masters Associates (R-2547BB 019) located adjacent to US 64 (Knightdale Bypass) in Wake County. City of Raleigh has requested the Department to allow it to place Neuse River East Parallel Interceptor Sewer Easement plus a permanent ingress/egress easement with a Temporary Construction Easement for a work area across the aforementioned residual tract. The Department has determined the placement of the Neuse River East Parallel Interceptor would cause damages to the residual tract in the amount of \$35,680 to be paid upon delivery of Easement. This is to request authority for Manager of Right of Way Unit to execute the appropriate instrument.

<b>APPROVAL OF SEWER LINE EASEMENT</b>	<b>1 PROJECT(S)</b>	<b>\$ 0.00</b>
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<b>R-ITEM SUMMARY</b>	<b>63 PROJECT(S)</b>	<b>TOTAL: \$ 473,016.00</b>
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**NORTH CAROLINA BOARD OF TRANSPORTATION  
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE  
APPROPRIATIONS  
FISCAL YEAR 2020 - 2021**

On August 13, 2020 the Board of Transportation approved an allocation of Maintenance funds in accordance with Session Law 2020-91 and additional General Maintenance Reserve funding specifically for non-declared emergency expenditures made available per Senate Bill 356, Session Law 2019-251 totaling \$1,581,429,325.

With the creation of a new G/L account under General Maintenance Reserve specifically for non-declared emergencies, the Board approved a \$93,731,212 redistribution of General Maintenance Reserve in October 2020. An additional cashflow of Roadside Environmental, Contract Resurfacing, and Bridge Preservation funds totaling \$215,000,000 was approved in February 2021.

Staff recommends cash flowing an additional \$68,500,000 as detailed below to expand contractual and force account spending capacity, along with a redistribution of Pavement Preservation funds, bringing the total allocation to \$1,864,929,325. Additional details can be found in Tables 2 through 4 on pages S-3 through S-5.

Contract Resurfacing	\$45,000,000
Bridge Program	<u>\$23,500,000</u>
Total	\$68,500,000

The recommended \$68,500,000 cash flow is anticipated to be repaid in full once FY 2022 appropriations are made available.

Division performance against spend targets for all programs will continue to be tracked both monthly and quarterly to allow for necessary adjustments.

It is recommended that funds within each of the program categories referenced above be allocated in accordance with the figures detailed in Table 1 on Page S-2.

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

**Table 1 – MAINTENANCE ALLOCATION SUMMARY**

<b><u>SCHEDULE I(a) – GENERAL MAINTENANCE RESERVE</u></b>	<b><u>PREVIOUS ALLOCATIONS</u></b>	<b><u>SUPPLEMENTAL ALLOCATION</u></b>	<b><u>TOTAL ALLOCATION</u></b>
Road and Bridge Maintenance	400,983,184	0	400,983,184
Asset Maintenance and Operation	12,966,307	0	12,966,307
Emergency	(6,500,000)	0	(6,500,000)
Research and Development	8,571,217	0	8,571,217
State and Federal Obligation	11,480,000	0	11,480,000
Paydown on Previous Cashflow Balance	30,000,000	0	30,000,000
<b>Subtotal</b>	<b>\$457,500,708</b>	<b>\$0</b>	<b>\$457,500,708</b>
<b><u>SCHEDULE I(b) – GENERAL MAINTENANCE RESERVE EMERGENCIES</u></b>			
Division Snow & Ice	60,000,000	0	60,000,000
Emergency	33,731,212	0	33,731,212
<b>Subtotal</b>	<b>\$93,731,212</b>	<b>\$0</b>	<b>\$93,731,212</b>
<b><u>SCHEDULE II - ROADSIDE ENVIRONMENTAL</u></b>			
Division Distribution	120,689,761	0	120,689,761
Asset Maintenance and Operation	310,000	0	310,000
State and Federal Obligation	200,000	0	200,000
Transfer from Roadside Environmental Admin	100,000	0	100,000
<b>Subtotal</b>	<b>\$121,299,761</b>	<b>\$0</b>	<b>\$121,299,761</b>
<b><u>SCHEDULE III – CONTRACT RESURFACING</u></b>			
Division Distribution	664,890,475	45,000,000	709,890,475
Asset Maintenance and Operation	8,850,000	0	8,850,000
Paydown on Previous Cashflow Balance	35,000,000	0	35,000,000
<b>Subtotal</b>	<b>\$708,740,475</b>	<b>\$45,000,000</b>	<b>\$753,740,475</b>
<b><u>SCHEDULE IV – PAVEMENT PRESERVATION</u></b>			
Division Distribution	78,453,133	0	78,453,133
<b>Subtotal</b>	<b>\$78,453,133</b>	<b>\$0</b>	<b>\$78,453,133</b>
<b><u>SCHEDULE V – BRIDGE PROGRAM</u></b>			
Division Distribution	115,704,036	23,500,000	139,204,036
Central Distribution	131,000,000	0	131,000,000
Paydown on Previous Cashflow Balance	20,000,000	0	20,000,000
<b>Subtotal</b>	<b>\$266,704,036</b>	<b>\$23,500,000</b>	<b>\$290,204,036</b>
<b><u>SCHEDULE VI – BRIDGE PRESERVATION</u></b>			
Division Distribution	40,000,000	0	40,000,000
Central Distribution	30,000,000	0	30,000,000
<b>Subtotal</b>	<b>\$70,000,000</b>	<b>\$0</b>	<b>\$70,000,000</b>
<b>Grand Total</b>	<b>\$1,796,429,325</b>	<b>\$68,500,000</b>	<b>\$1,864,929,325</b>

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

**SCHEDULE III – CONTRACT RESURFACING**

In August 2020, the Board approved a \$533,740,475 Contract Resurfacing allocation. An additional \$175,000,000 cash flow was included in February 2021 agenda item to enable the Divisions to create and fully fund projects to be let this Spring in advance of the paving season but, anticipated to be expended beginning in FY 2022. Staff recommends an additional cash flow of \$45,000,000 to complete the Spring Let schedule, fully funding WBSs which are anticipated to begin accumulating charges in FY 2022.

Further detail regarding recommended allocations of these funds is addressed in Table 2 below.

**Table 2 – CONTRACT RESURFACING**

<u>DIVISION</u>	<u>PREVIOUS ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	36,751,574	493,883	37,245,457
2	37,833,666	4,503,391	42,337,057
3	53,939,228	724,859	54,664,087
4	48,574,170	8,960,755	57,534,925
5	66,594,237	6,608,412	73,202,649
6	49,979,801	3,754,465	53,734,266
7	51,954,301	2,416,886	54,371,187
8	51,714,734	2,040,167	53,754,901
9	31,098,545	417,916	31,516,461
10	46,498,719	595,958	47,094,677
11	47,748,076	7,286,680	55,034,756
12	36,173,269	4,822,505	40,995,774
13	53,502,224	718,986	54,221,210
14	52,527,931	1,655,137	54,183,068
<b>Subtotal</b>	<b>\$664,890,475</b>	<b>\$45,000,000</b>	<b>\$709,890,475</b>
Statewide	8,850,000	0	8,850,000
Paydown of Previous Cashflow	35,000,000	0	35,000,000
<b>Subtotal</b>	<b>\$43,850,000</b>	<b>\$0</b>	<b>\$43,850,000</b>
<b>Grand Total</b>	<b>\$708,740,475</b>	<b>\$45,000,000</b>	<b>\$753,740,475</b>

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

**SCHEDULE IV – PAVEMENT PRESERVATION**

In August 2020, the Board approved a \$78,453,133 Pavement Preservation allocation. Staff recommends a redistribution of funds as detailed below to align with the Spring Let schedule.

Further detail regarding recommended allocations of these funds is addressed in Table 3 below.

**Table 3 – PAVEMENT PRESERVATION**

<u>DIVISION</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	5,381,092	(2,100,000)	3,281,092
2	3,079,187	1,200,000	4,279,187
3	3,524,868	(700,000)	2,824,868
4	4,668,874	0	4,668,874
5	6,704,178	0	6,704,178
6	6,276,071	0	6,276,071
7	5,226,504	0	5,226,504
8	7,120,559	0	7,120,559
9	5,090,427	0	5,090,427
10	4,636,234	(125,000)	4,511,234
11	9,156,987	0	9,156,987
12	6,250,099	3,000,000	9,250,099
13	4,099,677	(175,000)	3,924,677
14	7,238,376	(1,100,000)	6,138,376
<b>Subtotal</b>	<b>\$78,453,133</b>	<b>\$0</b>	<b>\$78,453,133</b>
Statewide	0		
Cashflow Payback	0		
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Grand Total</b>	<b>\$78,453,133</b>	<b>\$0</b>	<b>\$78,453,133</b>

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

**SCHEDULE V – BRIDGE PROGRAM**

In August 2020, the Board approved a \$266,704,036 Bridge Program allocation. An additional \$23,500,000 in cash flow is included in this supplemental for a total allocation of \$290,204,036. The supplemental allocation is recommended to enable the Divisions to create and fully fund projects to be let this Spring to address structurally deficient bridges. Funds are anticipated to begin being expended in the upcoming FY. The supplemental allocation will be distributed to each Division based on the previously approved formula.

Further detail regarding recommended allocations of these funds is addressed in Table 4 below.

**Table 4 – BRIDGE PROGRAM**

<u>DIVISION</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	5,310,539	832,724	6,143,263
2	7,019,813	1,690,060	8,709,873
3	5,399,247	886,176	6,285,423
4	5,539,120	970,459	6,509,579
5	11,564,120	1,101,751	12,665,871
6	6,774,209	347,086	7,121,295
7	8,005,279	2,456,478	10,461,757
8	9,456,178	743,388	10,199,566
9	12,245,262	830,974	13,076,236
10	5,434,246	907,265	6,341,511
11	9,677,540	3,464,122	13,141,662
12	7,047,860	1,879,571	8,927,431
13	11,319,457	4,449,044	15,768,501
14	10,911,166	2,940,902	13,852,068
<b>Subtotal</b>	<b>\$115,704,036</b>	<b>\$23,500,000</b>	<b>\$139,204,036</b>
Statewide	131,000,000	0	131,000,000
Cashflow Payback	20,000,000	0	20,000,000
<b>Subtotal</b>	<b>\$151,000,000</b>	<b>\$0</b>	<b>\$151,000,000</b>
<b>Grand Total</b>	<b>\$266,704,036</b>	<b>\$23,500,000</b>	<b>\$290,204,036</b>

**Item S Summary: 3 Actions totaling \$68,500,000**

There are no Comprehensive Transportation Plans to be presented for approval at the May 6, 2021 Board of Transportation Meeting.

## NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V for the May 6, 2021 Board of Transportation meeting.



## Committee Reports

Committee reports are developed by staff committee contacts of each respective committee and provided to BOT committee chairs for distribution to the full board during the committee updates.

**Road, Bridge and Ferry Naming Committee** – Committee Vice-Chair Perkins provided a summary of the committee’s meeting topics that included the committee approving one highway honorary designation request for Chuck Allen Highway to bring forward to the full board on May 6. The committee also approved two bridge naming and one highway honorary designation requests to bring forward to the full board in June. The Chief Donald M Gray Bridge, Senator Steve Goss Highway, and Judy West Brooks and C. Wade Brooks Bridge.

**Finance Committee** – Committee Chair Lathrop provided a summary of the committee’s meeting topics that included Legislative Remarks, Revenue Update, and the Financial and Spend Plan Update.

Senator Mike Woodard, Senator Tom McInnis and Senator Vickie Sawyer gave Legislative remarks to the committee. They urged the Board to provide comprehensive oversight to ensure the department is a good steward of taxpayers’ funds and stressed the fiduciary responsibilities given to them. The Senators expressed the desire to explore different ways to generate revenue and establish transportation funding for the future of NC.

Mr. Burt Tasaico gave a Revenue Update. He presented the comparison of the Total State Revenue by month for SFY 2019, 2020 and 2021. 2021 revenue is very close to 2020 and slightly higher than 2019 numbers. He compared SFY 2020 and 2021 in the three major revenue categories through March. DMV Fees + Interest was 7.3% higher in 2021, Highway Use Tax was 11.0% higher in 2021 and Motor Fuel Tax was 6.4% lower in 2021 after the motor fuel shift deferral. He then broke down the DMV fees and other revenue. He presented the Monthly Vehicle Miles Traveled (VMT) and Fuel Consumption from January 2018 through February 2021 and the VMT Daily Changes and 7 Day Average from March 2020 through April 2021. He had recently received data through April and traffic is almost back to the levels that were previously forecast.

Mrs. Stephanie King provided updates on the key actions happening within Financial Management. The NC Financial System was implemented in April and cash certification was successful. It did delay the Financial Statements but overall few issues. She mentioned hopes wo having the draft Spend Plan for the next 2 SFYs but is still vetting the data and will introduce the spend plan at the next Board meeting. Shared she is working on a new cash model in the SAP EBS platform - migrating from an Excel based model. Some financial reporting will change, and she asked for any feedback on reporting. Ms. King stated the closing cash balance for March was \$1.54 billion and the current cash balance is \$1.8 billion.

A motion was made by board member Roseburgh and seconded by board member Wells to not let any contracts over \$5 million in the next 30 days. Numerous members of the board provided points of discussion for consideration. During the discussion and in response to the motion on the floor, it was suggested that the STIP Unit present additional data during the June Finance Committee meeting on cost increases and the impact on projects, forecasts, and finances.

The motion was withdrawn.

**Department of Motor Vehicles (DMV) Committee** – Committee Chair Clarke provided a summary of the committee’s meeting topics that included a presentation on Re-Opening Driver’s License Offices by Charlotte Boyd-Malette, Driver Services Director. Steven E. Hairston, Director of Strategy, Research and Planning provided a presentation on the 2019-2023 Division Motor Vehicles Strategic Plan. NCDMV Commissioner Torre Jessup gave a verbal overview on the NC DMV Headquarters Move Update and REAL ID Modernization.

**Highways Committee** – Committee Chair Tarleton provided a summary of the committee’s meeting topics that included a presentation on the Severe Weather Preparedness and Recovery by Emily McGraw, Manager of the NCDOT Maintenance Operations and Fleet Management Unit. Emily shared as the department prepares for various types of storms that may impact our state including hurricanes, snow and ice, tornadoes, and heavy rains. Preparedness involves training internal staff and consultant partners, communication through all levels of the Department and with other state agencies and activation of resources to respond to storms. The second presentation heard by the Committee was regarding Severe Weather Recovery using Survey123. Mr. Josh Kellen of the Department’s Maintenance Operations and Fleet Management Unit discussed the need to provide documentation for storm damage. Following Hurricane Matthew in 2016 where there were approximately 2700 damage sites with over \$200M in damages, the Department looked for a solution to better gather the data and documentation needed for storm damage repairs that would meet Federal FHWA and FEMA reimbursement requirements. The solution for this issue was part of the ARCG is system which the Department already owns. The application is Survey123. It allows the Inspector to capture much of the initial data needed to begin the storm repair process including location details, types of damages, dimensions of damages, pictures of the sites, and preliminary damage estimates. The application was first tested when Hurricane Florence hit in 2018. It has since been used for multiple storm events with refinements being implemented as needed.

**Multi-Modal Committee** – Committee Chair Moran provided a summary of the committee's meeting topics that included a verbal overview on the Funding items and Multimodal updates by Julie White. A presentation on Modal STI Prioritization Overview was provided by Jason Schronce, Strategic Prioritization Office Manager. A presentation on How the Modes are Funded was provided by the Multi-Modal Directors.

## **Other Business**

### **Don't be Trashy Challenge**

Vice-Chairman Perkins called Board member Mathis forward to present the awards for the "Don't be Trashy Challenge".

Board Member Mathis provided a presentation on submitted photos from members of the Board volunteering throughout the department's litter campaign. Board Member Mathis presented the pictures, commended members and staff and announced award winners as follows:

Best Photo award was awarded to Valerie Jordan, Division 5 Board Member.

Most Unusual Item Found award was awarded to Melvin Mitchell, Division 4 Board member.

Grossest Item Award was awarded to Grady Hunt, Division 6 Board member.

Most Trash Collected in a Division award was awarded to Andy Perkins, Division 9 Vice Chairman.

Board Member Mathis shared during the 2021 spring litter sweep they collected over 1.4 million pounds of trash. From January 1<sup>st</sup> to April 29<sup>th</sup> the department has collected over 5.3 million pounds of trash. Board Member Mathis thanked everyone for their time and help in making the "Don't be Trashy Challenge" a success.

Vice Chairman Perkins reminded members of the Board Retreat that is scheduled for June 8, 2021 in Raleigh and the next Board meeting is scheduled for June 9-10, 2021.

**Adjournment**

There being no further business of the Board, Vice Chairman Perkins accepted a motion from Board Member Zimmer, seconded by Board Member Mathis. WHERE IS THE VOTE?

Vice Chairman Perkins stated the motion passed.

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Vice-Chairman Perkins

North Carolina Board of Transportation

Attest: \_\_\_\_\_

Secretary to the Board of Transportation

Dated this day \_\_\_\_\_ May 2021.



## **NORTH CAROLINA**

Department of Transportation



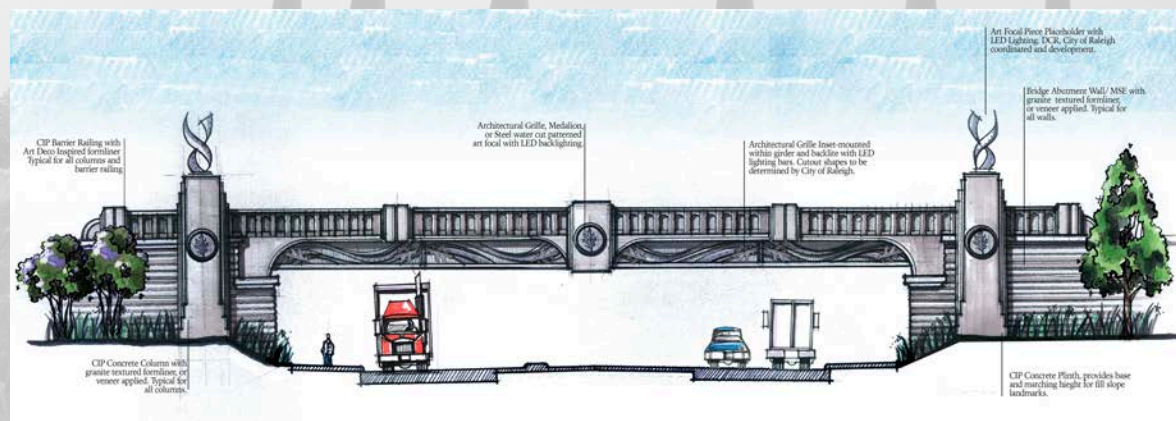
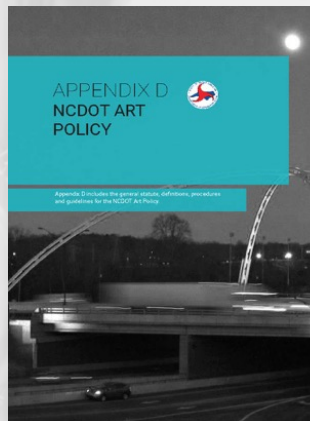
# NCDOT Public Art Policy

Jeff Lackey

May 5, 2021

# NCDOT Public Art Policy Agenda

- Policy History & Purpose
- Policy Process
- Public Art Examples
- Genesis Noise Wall Development
- Review Comments





# NCDOT Public Art Policy

- **Policy History & Purpose**
  1. Established in the early 2000s
  2. Context Sensitive Design
  3. Local Public Artist & Municipalities
  4. Federal Highway Administration (FHWA) as the Code of Federal Regulations, 23 CFR 1.23,

## NORTH CAROLINA PUBLIC ART ON THE RIGHT OF WAY POLICY

### PURPOSE

The North Carolina Department of Transportation (NCDOT) recognizes and values the importance of integrating Context Sensitive components into the design and operation of its transportation facilities. While NCDOT's first priority is to provide safe and efficient transportation facilities, the department understands that this can be accomplished by ensuring environmental sensitivity while providing transportation infrastructure that are integrated into the natural and human environment in a manner to reflect the local community's aesthetic values and intrinsic qualities. Transportation facilities enhanced by public art elements provide aesthetic and cultural benefits to a community. These benefits can potentially result in positive economic development and increase tourism both locally and throughout North Carolina. In order to ensure successful integration of art within NCDOT project designs and along rights of way, it is critical to maintain collaborative and cooperative partnerships with local governments, state agencies, non-profit organizations and private entities.

This policy was developed within legal, practical and resource parameters and adopted by the North Carolina Department of Transportation to establish a framework to evaluate and integrate public art within its right of way projects. The department has coordinated with the Federal Highway Administration (FHWA) and the Code of Federal Regulations (23 CFR 1.23) which requires all real property within the right of way for highway projects to be enhanced for public highway purposes. The department may approve or disapprove a determination that a project will not impair or obstruct the safe flow of traffic on

policies, guidelines, practices, procedures, and standards. The department shall develop a Landscape and Aesthetics manual for future Board approval.

### DEFINITIONS

Public Art on the right of way proposed by local government agencies may be artwork, paintings, sculptures, columns, castings, obelisks, architectural and design features or other visual interests that may be freestanding or placed on roadway structural features such as noise walls, retaining walls, sidewalks, bridges, bike paths or other approved engineered structures. An element is considered "Public Art" if it is beyond NCDOT standard engineering practices or architectural treatments. Hereafter, "Public Art on the right of way" will be referred to as "Art" in this document.



## Evolution of Highway Decisionmaking

### The Old Way



Source: Context Sensitive Solutions Primer, FHWA.

### The CSS Way



activities pertaining to landscape and aesthetic

Legacy of Design  
by Dennis Smith  
Asheville, NC

- **Public Art Process**
  1. General Requirements
  2. Art Request for Existing Facilities
  3. Art Request on Proposed Construction Projects





- **General Requirements**

1. Local Agencies/Municipalities
2. Safety
3. Design & Maintenance
4. Permit Evaluation
  - Roadside Env.
  - Structures
  - Roadway
  - Traffic Engineering
  - ROW
  - FHWA
  - Division
  - DCR
5. Approval (Letter of Resolution)
6. Other Requirements



Local Government and Municipal Signs that comply with and are approved under NCDOT's Welcome Sign Policy do not fall within this Art policy and are not governed by the policies herein.

Highway Memorials for roadside fatalities do not fall within this Art policy but are governed through existing memorial policies for highway roadside plantings and "Adopt-a-Highway".

A Right of Way Art Committee consisting of representatives designated by the Secretary of Transportation shall be established to review and approve Art proposals. The Committee will consist of NCDOT staff and will also include one representative from local government and one representative from the N.C. Department of Cultural Resources. NCDOT staff representing the following business units will serve on the committee:

Roadside Environmental  
Highway Division (two representatives)  
Roadway Design Unit  
Transportation and Mobility  
Safety Right of Way  
Structure Design

*Tryon Bridge Beacons, Charlotte, NC. Designed by Friedrich St. Florian Architects Photo: Tim DeCoster (FSFA)*

#### **GENERAL REQUIREMENTS**

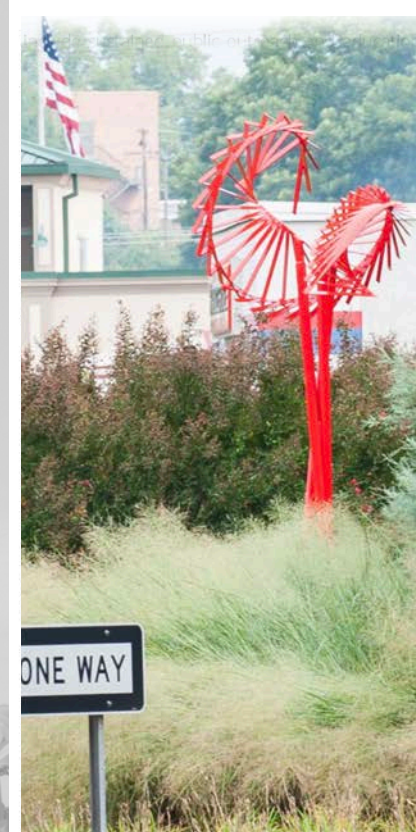
##### **Local Agency Requirements**

Art placed on NCDOT transportation right of way shall be provided and maintained by a sponsoring local government agency (city, county, etc), state or federal agency, or tribal government and is permitted through the encroachment permit process or may be integrated as a design element of a transportation construction project. The permit applicant must be the responsible local public agency representing the communities where the art will be placed. Private party art encroachments will not be permitted by the department.

Local government agencies may request Art on existing NCDOT facilities or as enhancements to proposed NCDOT transportation construction projects. These two types of project requests shall be addressed separately within this policy.

The Department of Transportation will require the sponsoring local government agency to assume financial responsibility for the construction and maintenance costs of the proposed Art above NCDOT's standard engineering practices and architectural treatments.

- **Art Request for Existing Facility**
  1. Pre-Screening
  2. Permit Evaluation
    - Sponsoring Local Agency
    - Design Concepts
    - Construction Details
    - Utilities



#### ART REQUESTS ON EXISTING TRANSPORTATION FACILITIES

##### Description

A local government agency as defined above may request the installation of Art on an existing transportation facility. Sites for which these requests may include existing roadways, ferry sites, and rest areas. Such Art will be permitted by encroachment permit issued under the criteria established above, but in no case will a permit be issued for installations that may result in possible safety hazards.

#### Pre-Screening of Proposal

The Department acknowledges the importance of communication, cooperation, and coordination with communities and art proponents. Delineation of the general concepts and details of the proposed art work at an early stage is critically important in order to minimize early community investment while initiating a partnership of communication to understand program elements and define planning procedures. To facilitate these needs, NCDOT requires a preliminary review of the proposed art project concept to determine if the project falls within the program boundaries, has merit as a form of art relative to the community and state, and is suitable for installation on the right of way. A NCDOT prescreening process should be followed that provides a means for the department to determine if possible safety, construction, maintenance issues or other restrictions may prohibit the art project from proceeding. A department pre-screening approval does not guarantee that the final product will be approved. The final encroachment permit will be contingent upon the local government's compliance with applicable safety, construction, and maintenance standards established within this policy.

#### Permit Evaluation

Art encroachment requests will be evaluated on a case-by-case basis as each is unique. Written encroachment permit requests must be submitted to the appropriate NCDOT Division Engineer for roadway Art requests or the appropriate Transit Director for Ferry and Rail requests. A complete listing of Division Engineers and Transit Directors can be found at the following link: <http://www.ncdot.org>.

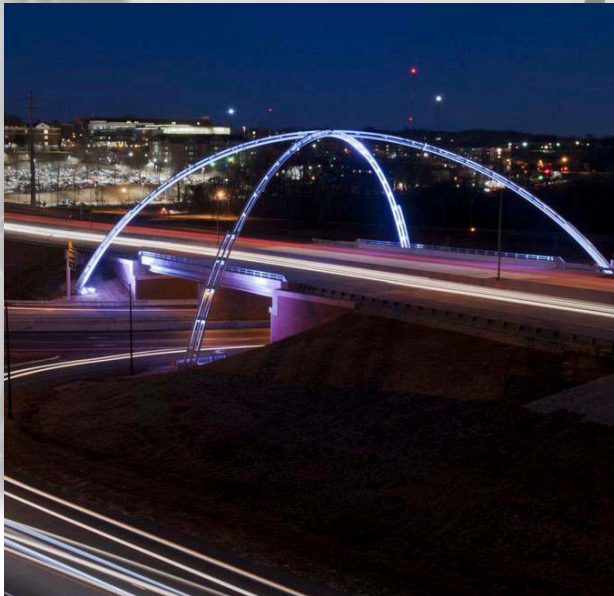
The following minimum guidelines must be met before the request can be considered for approval:

#### Sponsoring Local Government Agency Commitment

The permittee must assume full financial responsibility for all aspects of the Art placement on existing transportation facilities including all costs associated with the planning, design, construction, maintenance and removal of the Art if required.



- **Art Request on Proposed Construction Projects**
  1. Art as a Design Feature or As an Independent Element
  2. Project Planning
  3. Pre-Screening
  4. Permit Evaluation
    - Sponsoring Local Agency
    - Design Concepts
    - Construction Details
    - Utilities



satisfactory arrangements with the utility owner to adjust the utilities to avoid conflict. This provision may require the sponsoring agency to negotiate a Special Provision to the utility owner's encroachment agreement. Sponsoring agencies are encouraged to consult NCDOT if in regard to these requirements.

#### ART REQUESTS ON PROPOSED NCDOT CONSTRUCTION PROJECTS

##### Description

A local government agency may request the installation of Art on a proposed NCDOT transportation construction project during the highway planning and design stages. Sites for which these requests may be made include new transportation facilities or upgrades to existing roadways, bridges, ferry sites, rail sites, and rest areas. Art may include design elements integrated into the project or independent art installations or elements. Art may be incorporated into proposed projects that meet certain criteria. However, Art can not result in potential safety hazardous to motorists and pedestrians.

##### Art as a Design Feature or As an Independent Element

In some circumstances, local agencies may request modifications to the surface treatment or structural elements of highway structures such as bridges and viaducts that exceed NCDOT's standard engineering practices and architectural treatments. These requested modifications shall be evaluated under this Policy and if approved, shall be incorporated into the final approved design of the structure rather than permitted by encroachment agreement. In accordance with this Policy, the Department of Transportation may request the sponsoring local government agency to assume partial or complete financial responsibility for the construction and maintenance costs of the proposed structure above the projected cost of a similar structure built according to NCDOT's standard engineering practices and architectural treatments.

Wall art along Interstate 40 near Asheville. Credit: MCD

As provided by this Policy, NCDOT generally supports the beautification of noise walls and encourages local government agencies to propose surface treatments and design elements for noise walls within their jurisdiction.

The local government agency may also request Art as an independent element to be placed during or after project construction rather than as a surface treatment or structural enhancement to a highway structure. These independent elements will be evaluated through the established procedures for existing facilities and processed through the encroachment permitting process.

##### Project Planning

Standard construction project planning procedures include coordination with impacted communities, local Division of Highway and IDOT MPO officers. Any artwork request to be included with a construction project shall be proposed as early as possible within the planning and public communication processes in order to not delay the planning and construction schedule. These proposals, as proposed by local entities, shall be formatted to include all vital information as defined in the pre-screening application stage. Review of the proposal shall determine its status and validity.



2303







EXISTING Facility





New Construction Facility





EXISTING Facility





New Construction Facility





New Construction Facility



- **Genesis Noise Wall Proposal**
  1. Background
  2. Location
  3. Proposals



January 15, 2021

Ms. Wendy Taylor, P.E.  
District Engineer-Mecklenburg  
North Carolina Department of Transportation  
7601 District Drive  
Charlotte, NC 28213

RE: Art Request for Genesis Park Sound Wall (1817 Genesis Park Place)

Dear Ms. Taylor,

Please see the attached application, on behalf of the Genesis Park Neighborhood Association, for murals to be installed on the sound wall at I-77 Northbound, South of LaSalle Street Exit 12.

The Genesis Park Neighborhood Association, in partnership with the City of Charlotte and I-77 Mobility Partners, has been working on this project since 2017 when City Council Member Winston reached out to ask about public art opportunities along the sound wall that was being constructed adjacent to the Genesis Park neighborhood. Three community meetings were held to gauge neighborhood interest, survey residents for design ideas, and to vote and comment on the final designs. The three chosen designs were then posted on Nextdoor for additional feedback from the community.

The designs submitted here were created with the involvement of engaged neighbors and the project is strongly supported by the Genesis Park community. The project received major support from the City of Charlotte's Neighborhood Matching Grants program and additional funding from I-77 Mobility Partners.

Three designs by local artist Sala Faruq were reviewed and unanimously approved this afternoon by the City of Charlotte's Beautification Bureau, per the NCDOT for Public Art City Council resolution adopted on August 26, 2019. The designs will be rotated every two years to show a different mural through 2027.

If you have any questions or comments concerning this encroachment, please contact me at (704) 336-7846.

Sincerely,

A handwritten signature in blue ink that reads "Jackie Clare".

Jackie Clare  
Community Grants Program Manager



Housing & Neighborhood Services  
Community Engagement  
600 East Trade Street | Charlotte NC 28202



Location





The murals will be printed on Piedmont Sign Grade® SupraFLEX® Breeze coated mesh banner. The cable will be silver (stainless steel) and will not be visible for the most part. The cable is 5/16" in diameter. The anchors are galvanized and 3/8" in thickness. We will drill a small hole and set the small silver piece (in photo w/ bolt) in the concrete, tap it down and when the bolt is inserted it expands and locks in place.

Contact: Barry Austin

4705 Dwight Evans Rd.  
Charlotte, NC 28217  
(704) 529-1976



186.00" high x 546.00" wide

Charlotte, City of - Genesis Park Layout

\* Magenta line represents cut lines and edges of substrate and will not be visible on final product.  
NOTE: Color varies from monitor to monitor. We print to match the closest CMYK or PMS color.  
There is no guarantee that your product will be the exact color that appears on your monitor.

Approved

Date



## Wall & Banner Details

## SupraFLEX® Breeze

### Coated Mesh Banner

Piedmont Sign Grade® SupraFLEX® Breeze is a coated mesh banner ideal for exterior applications and has the capability to withstand high wind loads. SupraFLEX® Breeze banners are the ideal products for fences, stadiums, ball fields, construction sites, fairs and festivals, and parks.

### Technical Data

#### 8 oz. Mesh Banner

<b>Finish</b>	Snow White - Available in Matte
<b>Length</b>	164 ft
<b>Width</b>	38"-196
<b>Stocked Weights</b>	8 oz, 9 oz, 10 oz
<b>Denier</b>	1000 x 1000 per DIN EN ISO 2060
<b>Tensile Strength</b>	9 x 9 weave: 274.27 x 234.47/2" 12 x 12 weave: 367.56 x 347.55/2" per DIN 53354
<b>Weave</b>	9 x 9 or 12 x 12 per DIN 60001
<b>Wind Flow</b>	9 x 9: 43% 12 x 12: 37%
<b>Printing Types</b>	Solvent, Eco-Solvent, UV, Screen Print, Latex
<b>Flame Retardant</b>	Optional per NFPA 701
<b>Liner</b>	Optional
<b>Operating Temperature</b>	-4 to 158°F per DIN 53372



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## Genesis Park Neighborhood Association Sound Wall Art Project

Historical Theme | Design by Sala Faruq



Pastor Brewton's strength of character, commitment, and love transformed her community. Today, Genesis Park residents enjoy a quality of life unthinkable before her efforts. With this historical theme, I wanted to pay homage to Brewton. The overall design is symbolic of the community represented by a city grid wrapped with a purple ribbon — a gift to her community. The color purple symbolizes spirituality and royalty. The flowers represent the beauty of her spirit and the resilience of the residents of Genesis Park. The green leaves represent renewal. The dove is symbolic of the peace Brewton was able to gift her community.



# Genesis Park Neighborhood Association Sound Wall Art Project

Historical Theme Alternate | Design by Sala Faruq



Pastor Brewton's strength of character, commitment, and love transformed her community. Today, Genesis Park residents enjoy a quality of life unthinkable before her efforts. With this historical theme, I wanted to pay homage to Brewton. The children playing symbolize hope. The flowers represent the beauty of her spirit and the resilience of the residents of Genesis Park.

# Genesis Park Neighborhood Association

## Sound Wall Art Project

Garden Theme | Design by Sala Faruq



“These spaces [gardens] were little landscapes of resistance: Resistance against a culture of dehumanizing poverty and want, resistance against the erasure of African cultural practices, resistance against the destruction of African religions . . . The gardens were more than just sources of nutrients, they were spaces where the medicinal and spiritual practices could be kept alive.”

- Michael W. Twitty, *The Cooking Gene* 2017 -

I am a huge fan of community gardens. The Genesis Park Neighborhood garden is phenomenal. With the garden theme, I wanted to create a colorful, joyful design. The child represents hope. The flowers reflect the beauty of the Genesis Park community.



- **Questions/Comments/Review**

1. What are Project Exceptions? (Human Figures/Names...)
2. Who facilitates exceptions? (Chief Engineer in consultation with BOT)
3. Non-Political Messaging?
4. Update Policy to prohibit murals on the front of noise walls?
5. What additional amendments are needed to the current policy?
6. Local Government entity responsible for messaging and overall imaging, not NCDOT

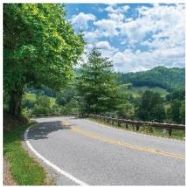






## **NORTH CAROLINA**

Department of Transportation



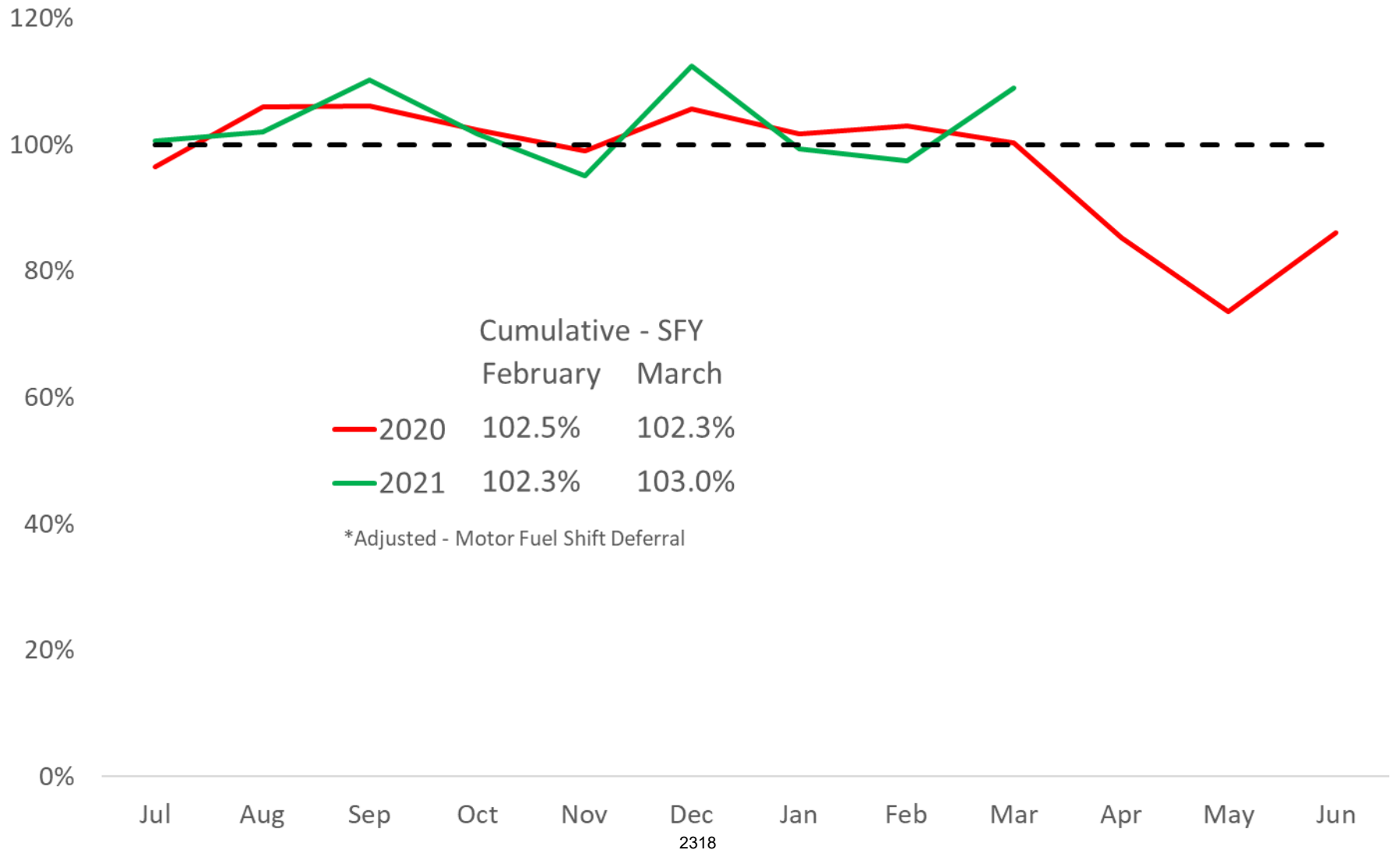
## Revenue Update

## Finance Committee

H. Tasaico, PE

May 5, 2021

# Total State Revenue Compared to Same Month in SFY 2019\*



# State Revenue Comparison through March

SFY 2020 vs SFY 2021

DMV Fees + Interest

7.3%

Highway Use Tax

11.0%

Motor Fuel Tax\*

6.4%

0 200 400 600 800 1,000 1,200 1,400 1,600 1,800

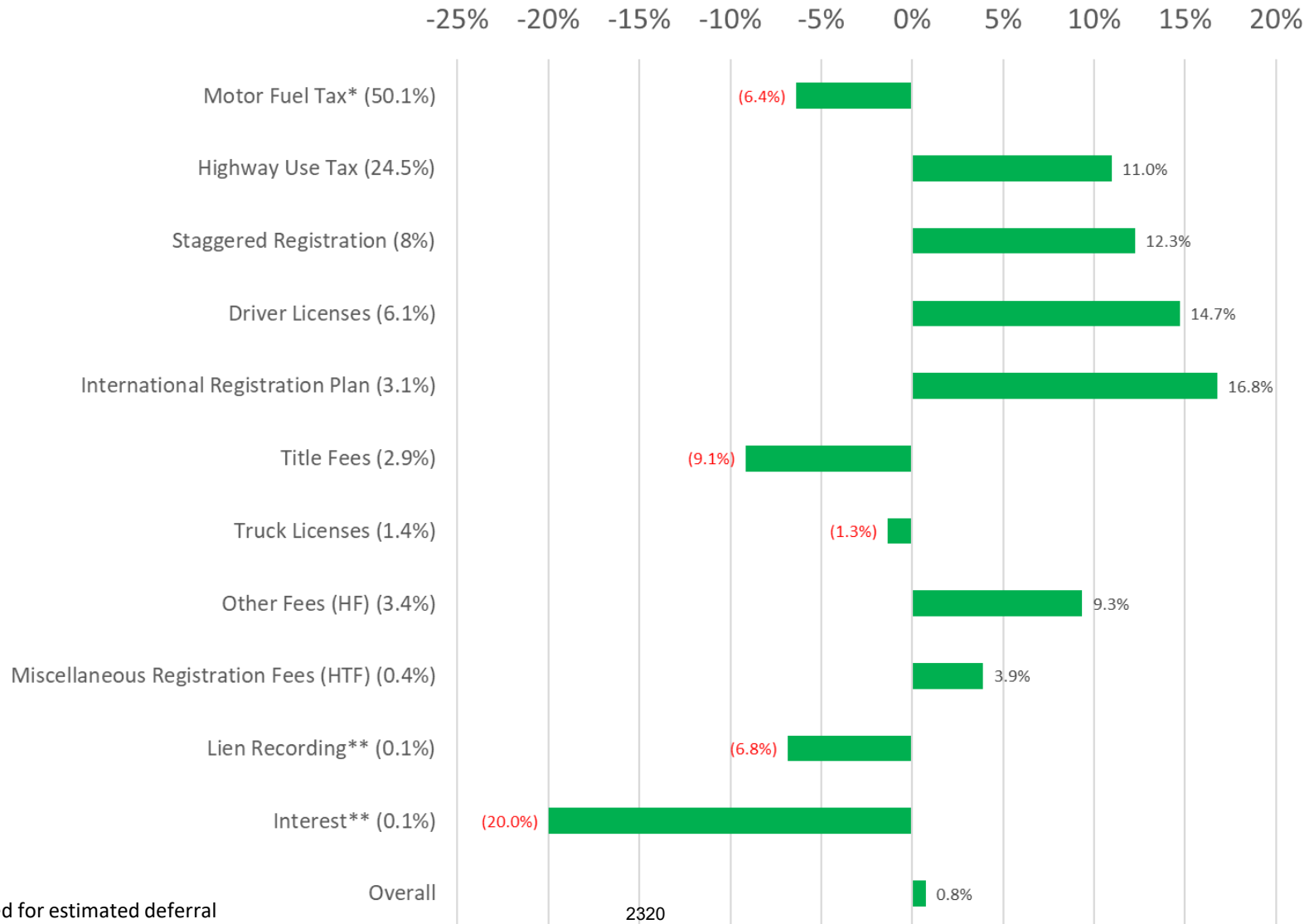
\*Adjusted - Motor Fuel Shift Deferral

2020 2021

\$ in Millions

# State Revenue Comparison through March

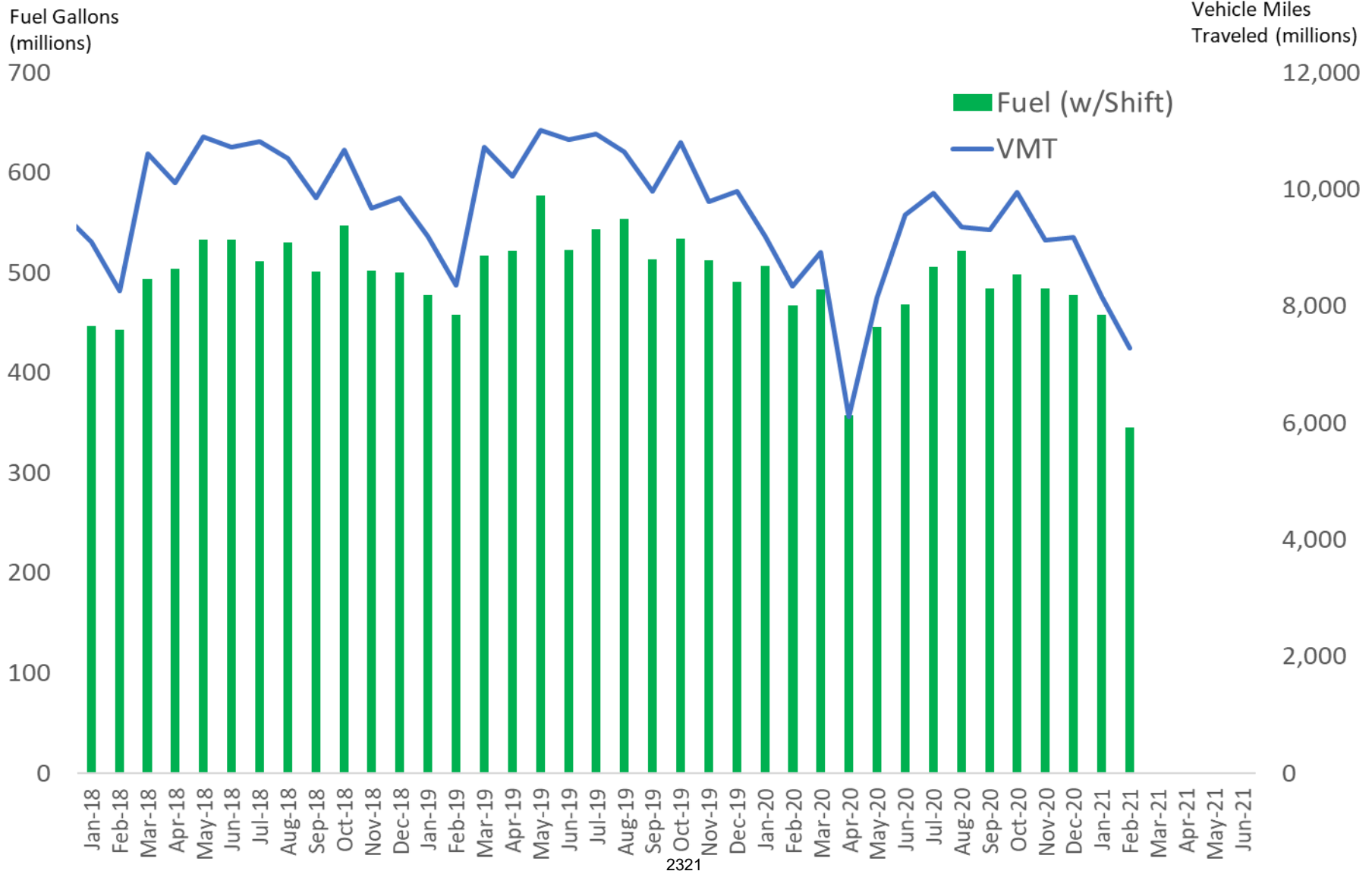
SFY 2020 vs SFY 2021



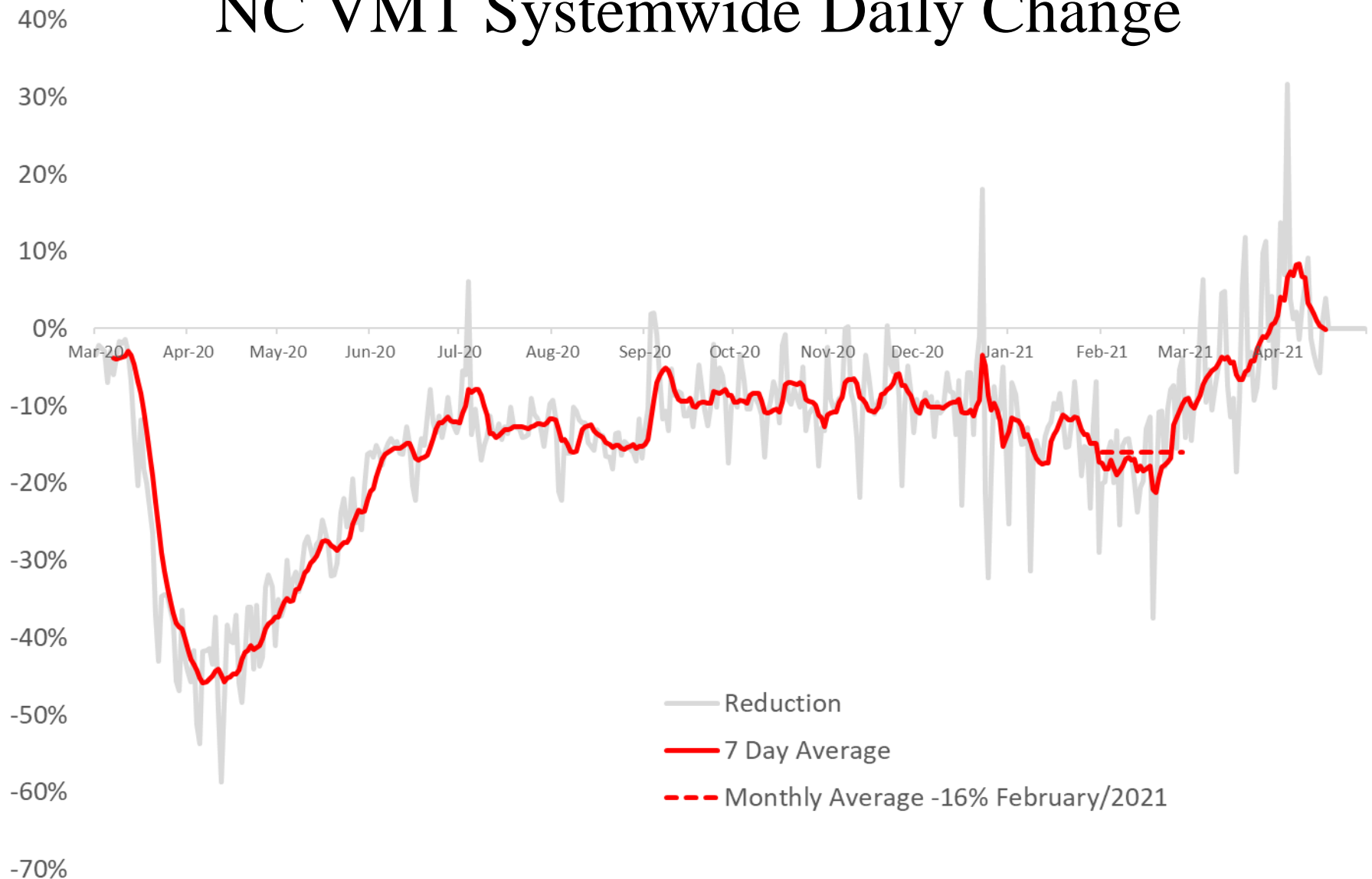
\* Adjusted for estimated deferral

\*\* Greater than +/- 20%

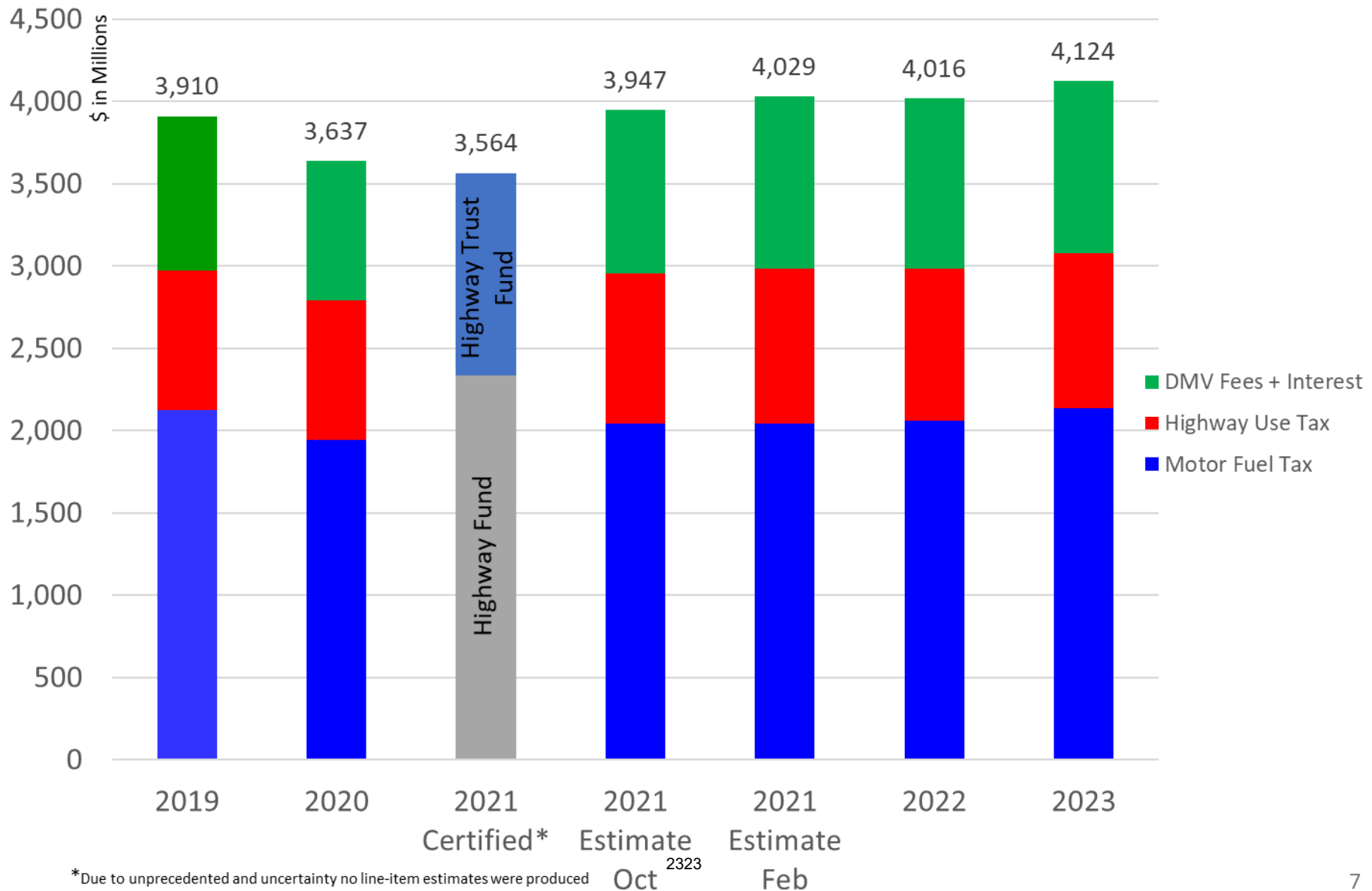
# Monthly VMT and Fuel Consumption



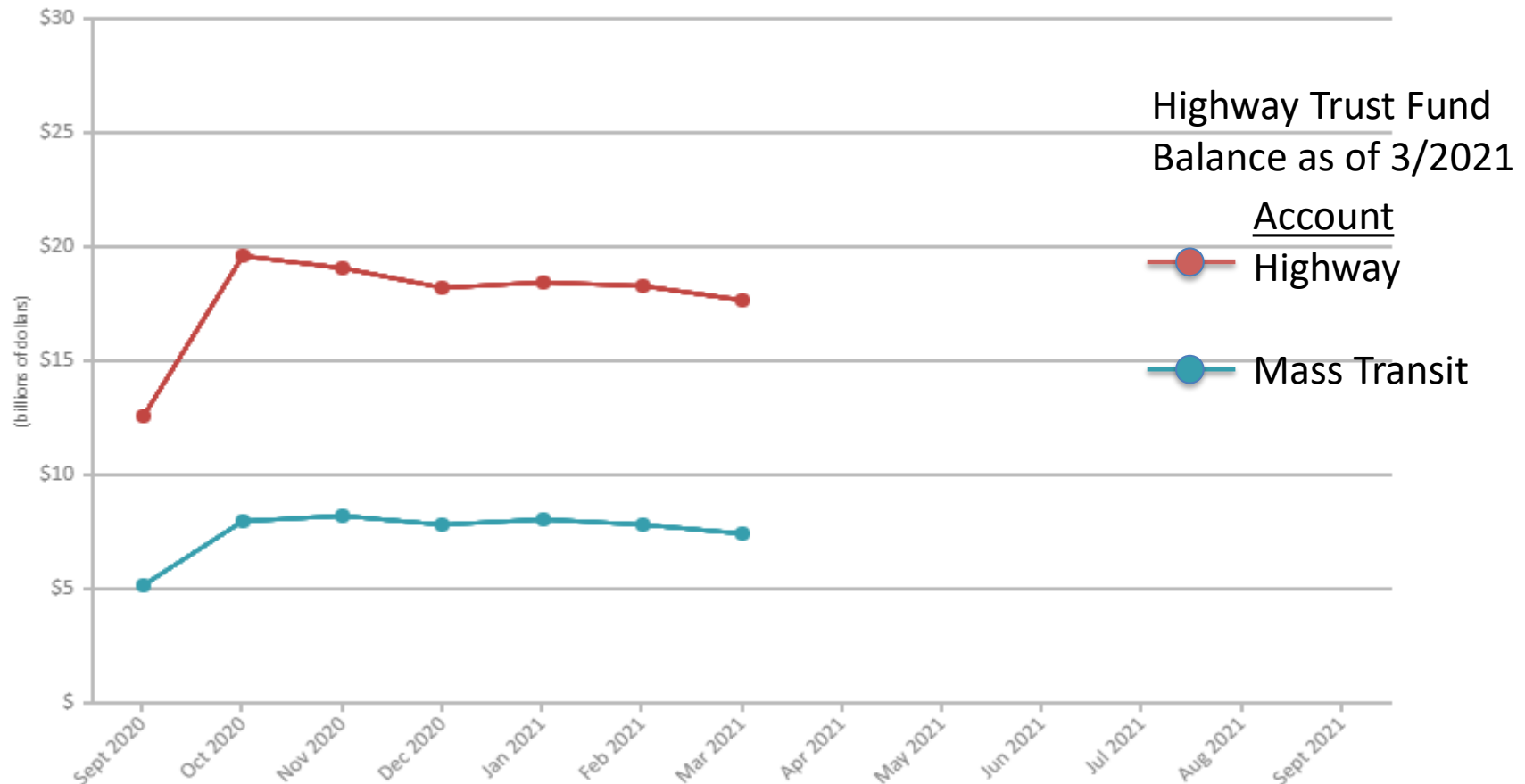
# NC VMT Systemwide Daily Change



## State Revenue Comparison – Biennium Budget



# Federal Status – March 2021



## Balance Thresholds

**Highway \$4B**

**Transit \$1B**

## Actions FHWA may take

- Move from daily to weekly reimbursements
- Align reimbursements with Trust Fund deposits (twice monthly)
- Make proportional payments to States based on available Trust Fund cash
- Others depending on exact nature of shortfall



# Federal Funding - 2021

## HR133 - 2021 Consolidated Appropriations Act

PL 116-260

FHWA Notice 1/15/2021

Obligation Authority	Total	NC
FFY 2021 (total)	\$46.4B	
N4520.269 (net)	37.4B	995.9M

## Highway Infrastructure Program (HIP)

Apportionment	Total	NC
FFY 2021 (total)	\$2.0B	
N4510.852 (net)	1.8B	59.9M

## Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) - NC TMA's (\$29.4M)

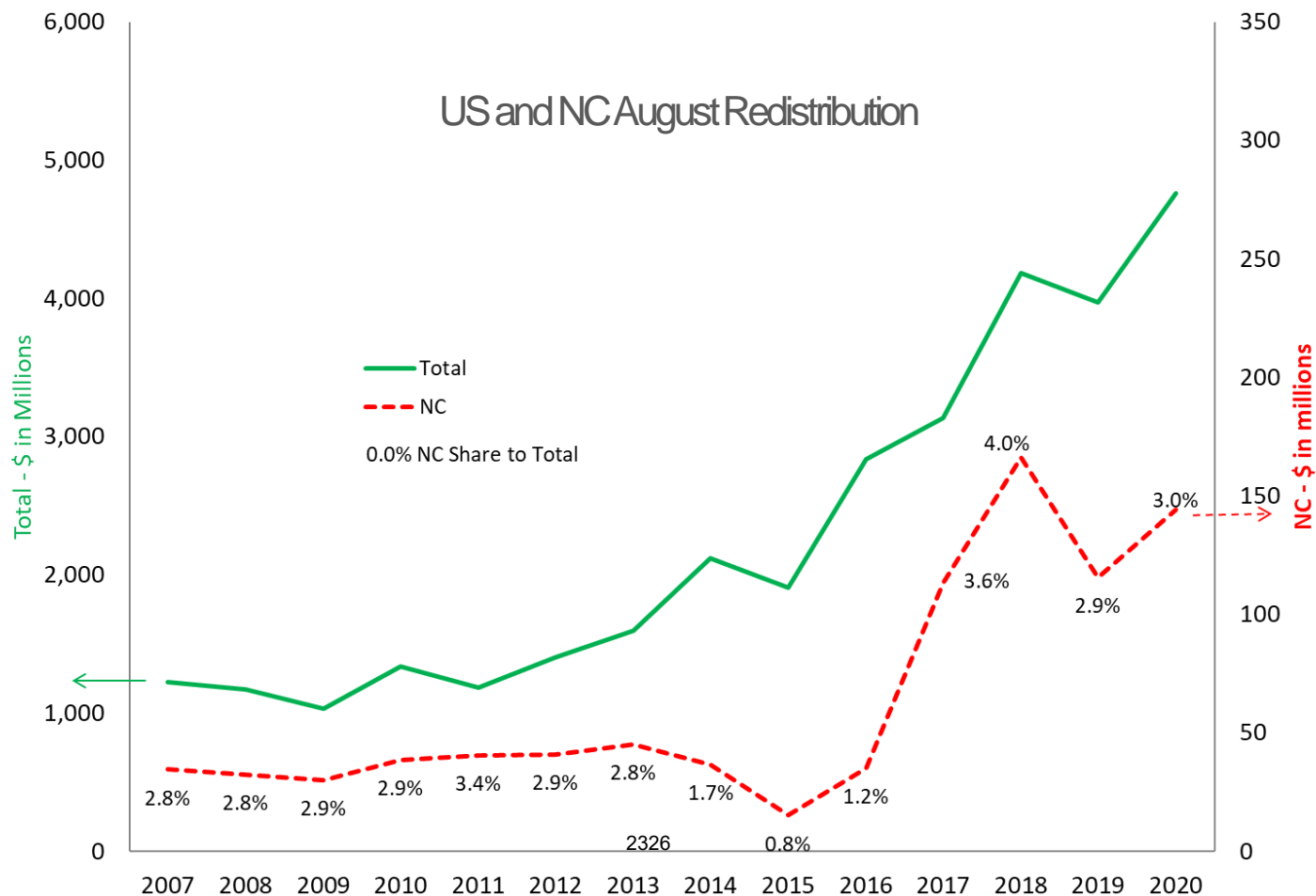
Apportionment	Total	NC
FFY 2021 (total)	\$10.0B	
N4510.851 (net)	9.8B	258.7M

## NEXT - Redistribution of Fiscal Year 2021 August Redistribution

Obligation Authority	Total	NC
FFY 2021 (max)	8.3B	
N4520.???	?.?B	???.?M

# August Redistribution - Purpose

- Required by appropriations act to ensure all obligation is used
- From States/programs unable to obligate full obligation
- To States that can obligate more than initial share of obligation





## **NORTH CAROLINA**

Department of Transportation



# Financial and Spend Plan Update

As of March 2021

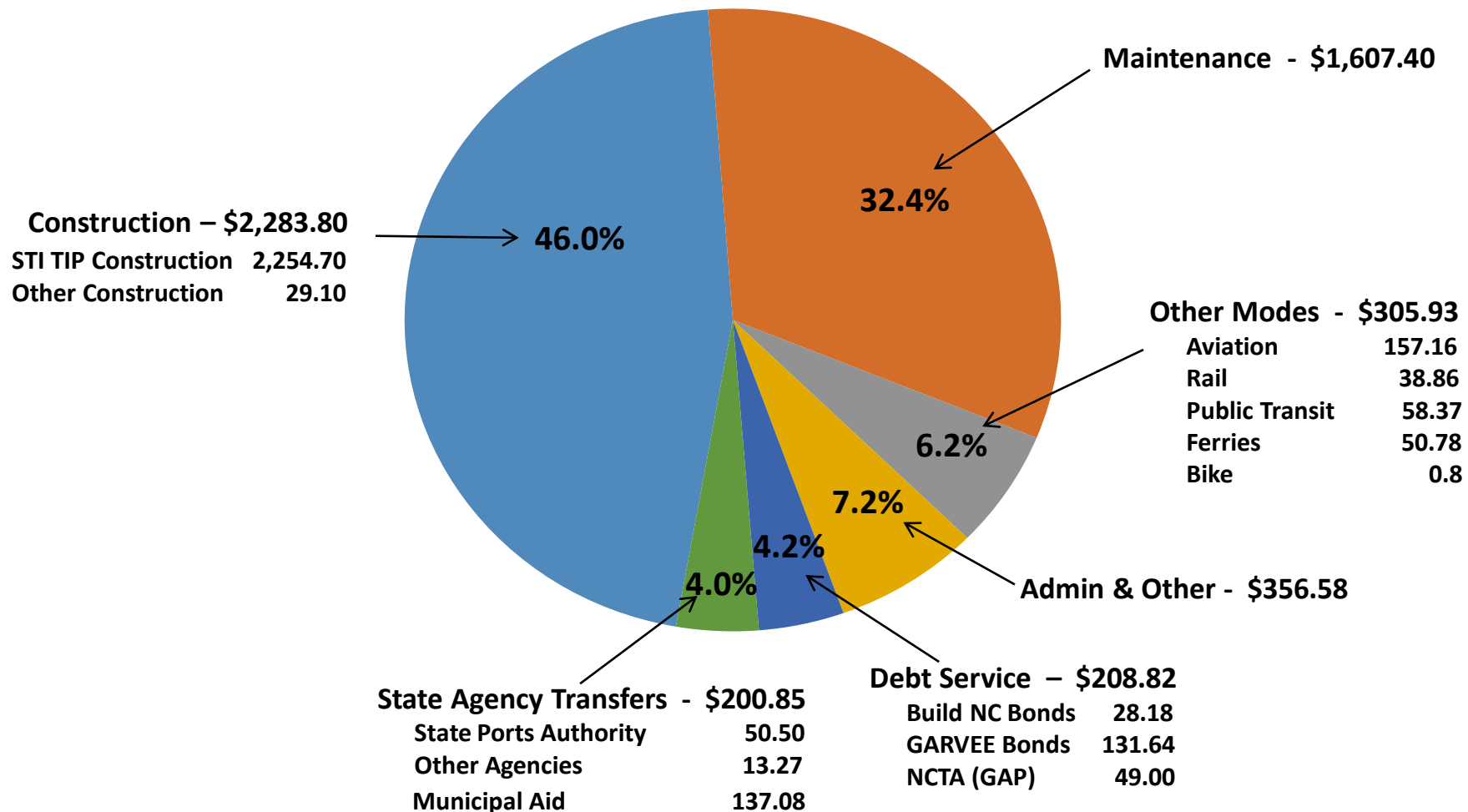
Stephanie King, Chief Financial Officer

May 5, 2021

# Uses of 2020-21 NCDOT Appropriations\*

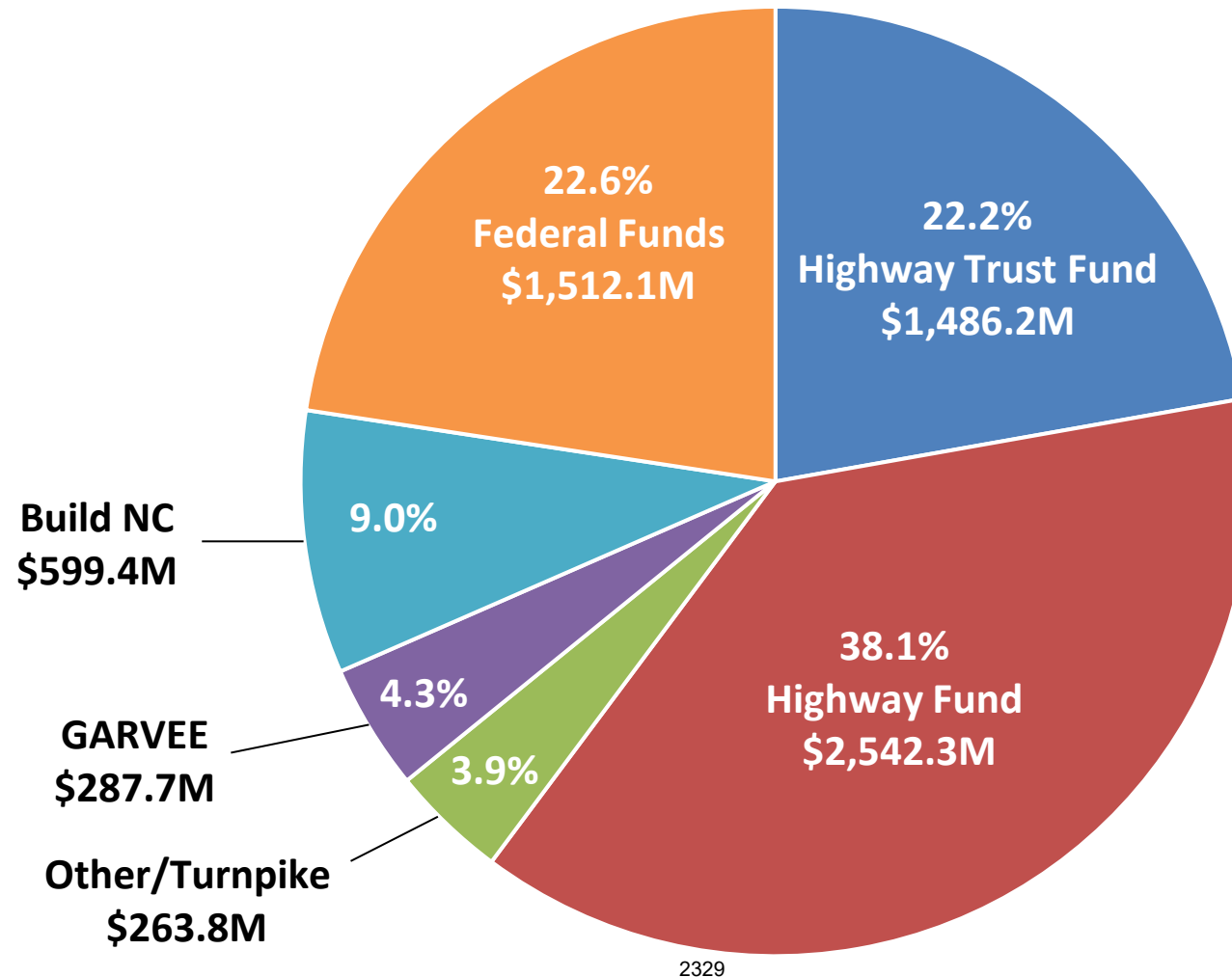
## Total Funding = \$4.96 Billion

(Excludes Receipt Supported Funding of \$0.2B)



(\$ in millions)

## NCDOT Sources of Cash – Spend Plan Amendment #2 2020-21 by Major Funding Source, Total Funding = \$6.69 Billion



(\$ in millions)

# Financial Analysis

- **HF Cash** – Cash balance increased from \$180.7 million in March 2020 to \$894.6 million in March 2021. An increase of \$713.9 million or 395.2%. This increase in cash was primarily due to increased motor fuel tax and license & fees revenues for the Highway Fund combined with decreased expenditures.
- **HF Revenues** – Revenues increased from \$191.1 million in March 2020 to \$219.6 million in March 2021. An increase of \$28.5 million or 14.9%. This increase was primarily due to a \$10.4 million increase in motor fuel tax revenues and a \$15.9 million increase in license & fee revenues in March 2021 compared to March 2020.
- **HF** March 2021 YTD revenues were greater than March 2020 YTD revenues by \$194.9 million, and March 2021 YTD expenses were less than March YTD 2020 expenses by \$615.6 million.
- **HTF Cash** – Cash balance increased from \$167.9 million in March 2020 to \$673.6 million in March 2021. An increase of \$505.7 million or 301.3%. This increase in cash was primarily due to continued decreased expenditures and loan repayments from Highway Fund.
- **HTF Revenues** – Revenues decreased slightly from \$135.1 million in March 2020 to \$134.8 million in March 2021. A decrease of \$0.3 million or 0.3%. This decrease was primarily due to a \$25.3 million decrease in motor fuel tax revenue that was somewhat offset by a \$21.0 million increase in highway use tax revenue and a \$4.2 million increase in license & fees revenue in March 2021 compared to March 2020.
- **HTF** March 2021 YTD revenues were lower than March 2020 YTD revenues by \$92.9 million, but March 2021 YTD expenses were less than March YTD 2020 expenses by \$290.1 million.

## Key monthly action:

- On March 5, 2021, a \$45 million cash transfer was made from the Highway Fund to the Highway Trust Fund to repay the \$45 million advance that was made in accordance with N.C.G.S. § 147-86.15 on July 17, 2018. The grand total transfer during SFY 2021 through March was \$175 million. The outstanding balance of the advance after this payment was \$815.3 million.



# Spend Plan Analysis - Revenue

Total Revenues (\$4,945 million) were 1.75% below the spend plan forecast, or \$88 million, but were 13%, or \$550 million, more than year to date revenues for SFY 2020.

- State Revenue (\$3,032 million) was 0.07%, or \$2 million, above forecasted revenue.
- Federal Revenue (\$998) was 3%, or \$30 million, below the forecasted amount.
- Other Revenue (\$148 million) was 13%, or \$22 million, below spend plan forecast. Major line items for this category include Damage Claims (\$49.9 million), Federal Transit funding (\$18.7 million), Federal Transit CARES Act funding (\$27.9 million), Federal Aviation funding (\$13.3 million), GHSP funding (\$10.4 million), and LOGO Annual Fees (\$4.2 million).
- GARVEE Reimbursement (\$200 million) was 7%, or \$16 million, below spend plan forecast.
- Build NC Reimbursement (\$488 million) was 1%, or \$5 million, below spend plan forecast. The Department has received \$344 million of 2020 Build NC reimbursements from the trustee through March.

# Spend Plan Analysis - Expenditures

Total Expenditures (\$3,658 million) were 7%, or \$282 million, below the spend plan forecast and 20%, or \$896 million, below the previous year totals. This is a result of the slow down implemented during Spring 2020 and the lag time in reinitiating project phases.

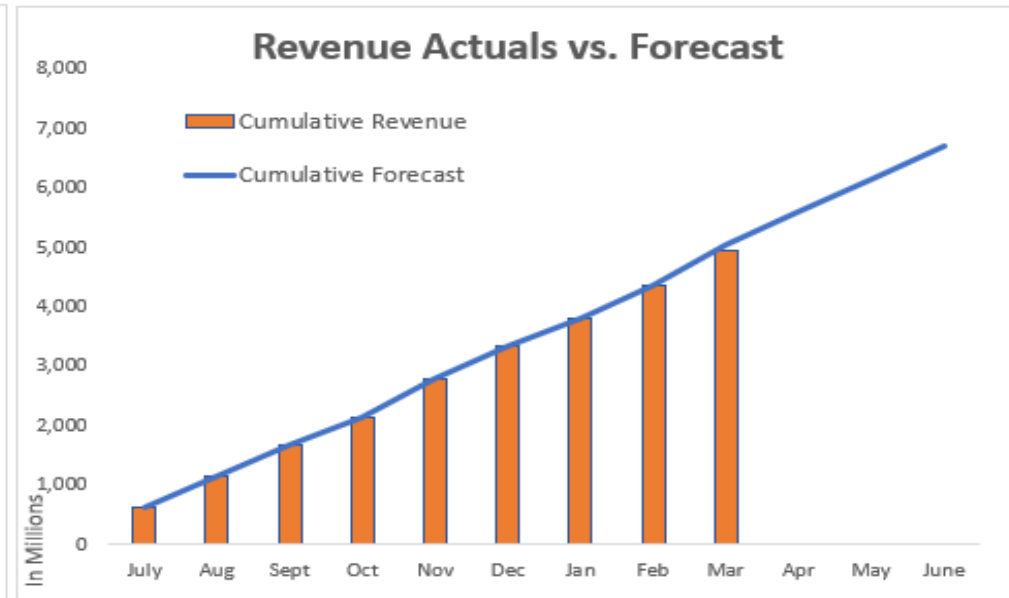
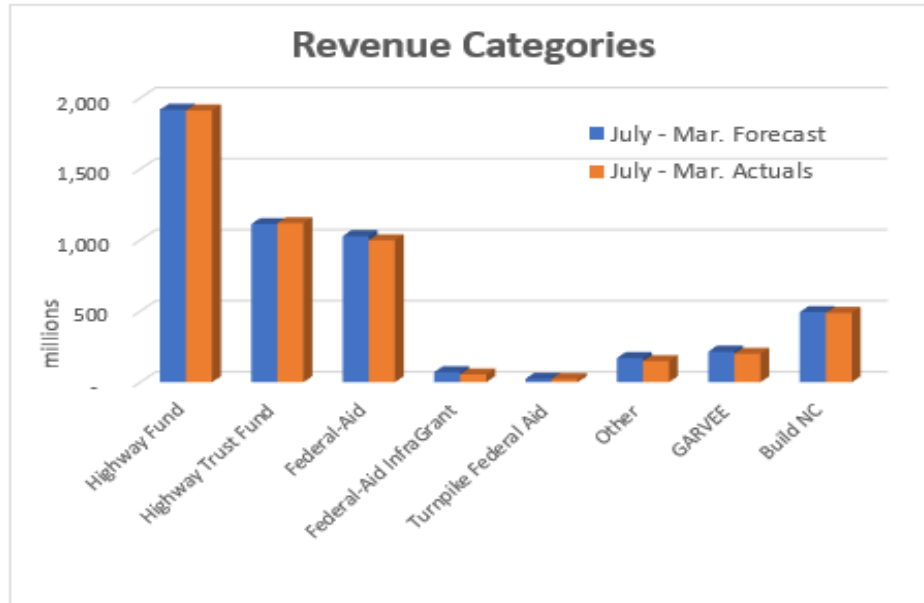
- Total Construction Expenditures (\$2,188 million) were 6%, or \$130 million, below spend plan forecast. SFY 2021 expenditures were 21%, or \$566 million, less than SFY 2020 construction expenditures.
- Maintenance Expenditures year to date (\$729 million) were 12% below the spend plan forecast, or \$97 million. SFY 2021 expenditures were 35%, or \$397.5 million, less than SFY 2020 maintenance expenditures.
- Total Modal Expenditures (\$305 million) were 10%, or \$35 million, below the spend plan forecast, but were 42% , or \$89.5 million, more than the previous SFY.



# Spend Plan Revenue Summary March 2021 (in millions)

Revenue	March 2021	March 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	220.94	191.04	1,912.34	1,709.85	\$202.5	12%	2,542.3	75%	1,917.3	100%
Highway Trust Fund	134.77	135.11	1,119.85	1,212.77	(92.9)	-8%	1,486.2	75%	1,112.8	101%
FHWA Federal Aid	144.59	149.5	998.3	1112.6	(114.3)	-10%	1,430.3	70%	1,028.5	97%
Federal Aid - InfraGrant	6.52	0.0	55.0	0.0	55.0		81.9	67%	70.9	78%
Turnpike Federal Aid	0.10	0.0	23.1	2.1	21.0	1019%	24.2	95%	24.2	95%
Other	14.63	14.8	148.2	112.4	35.8	32%	239.6	62%	170.4	87%
GARVEE	13.96	18.3	200.0	116.4	83.6	72%	287.7	69%	215.7	93%
Build NC	33.30	10.2	488.2	129.3	359.0	278%	599.4	81%	493.4	99%
<b>Total Revenue</b>	<b>\$568.8</b>	<b>\$518.9</b>	<b>\$4,945.0</b>	<b>\$4,395.3</b>	<b>\$549.6</b>	<b>13%</b>	<b>\$6,691.5</b>	<b>74%</b>	<b>\$5,033.3</b>	<b>98%</b>

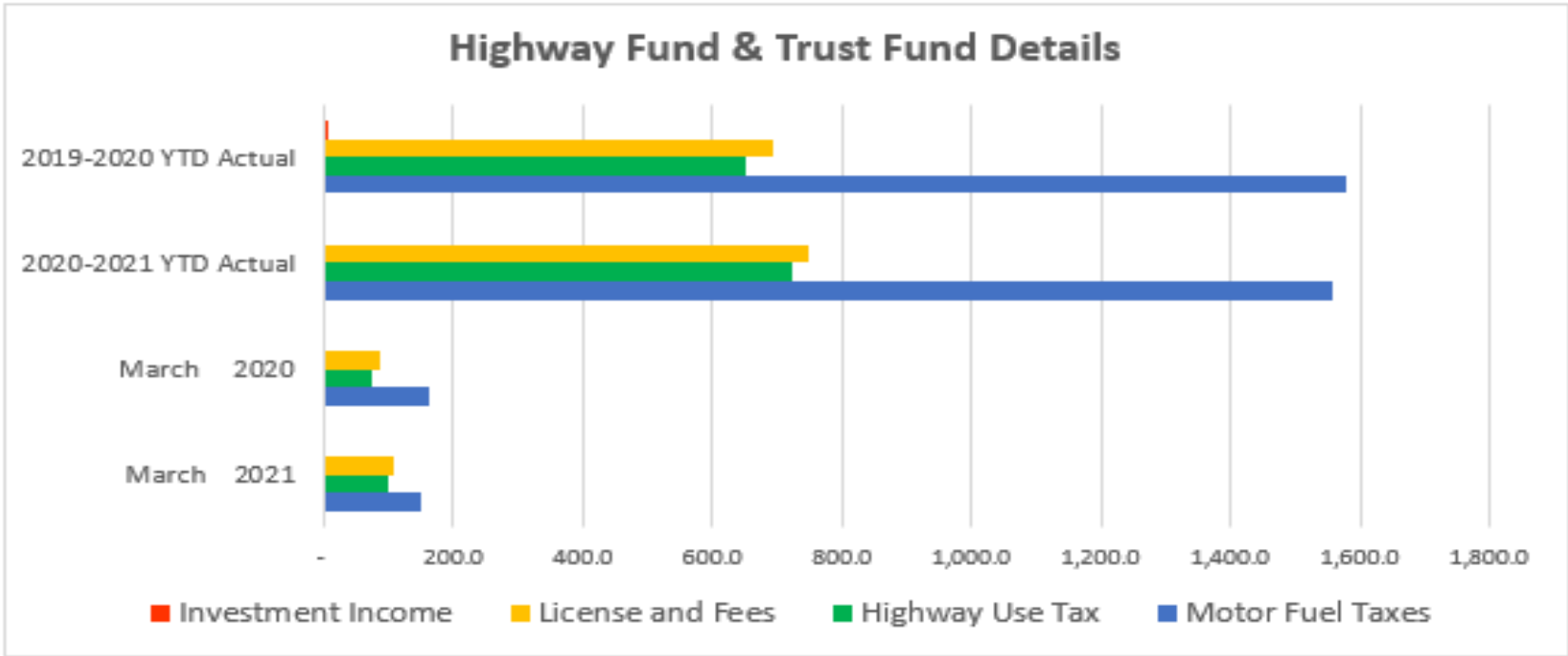
\* Revised Revenue Forecast for the 3/4/21 Approved Spend Plan.



# Highway Fund & Trust Fund Details March 2021

(in millions)

Highway Fund & Trust Fund Details	March 2021	March 2020	Year Over Year			
			2020-2021 YTD Actual	2019-2020 YTD Actual	\$ Δ	% Δ
Motor Fuel Taxes	148.9	163.9	1,558.3	1,579.0	\$ (20.7)	-1%
Highway Use Tax	98.7	75.2	721.7	650.3	71.4	11%
License and Fees	106.4	86.3	747.8	692.1	55.7	8%
Investment Income	0.3	0.8	3.0	7.4	(4.4)	-59%
Total	\$ 354.4	\$ 326.2	\$ 3,030.8	\$ 2,928.8	\$ 102.0	3%

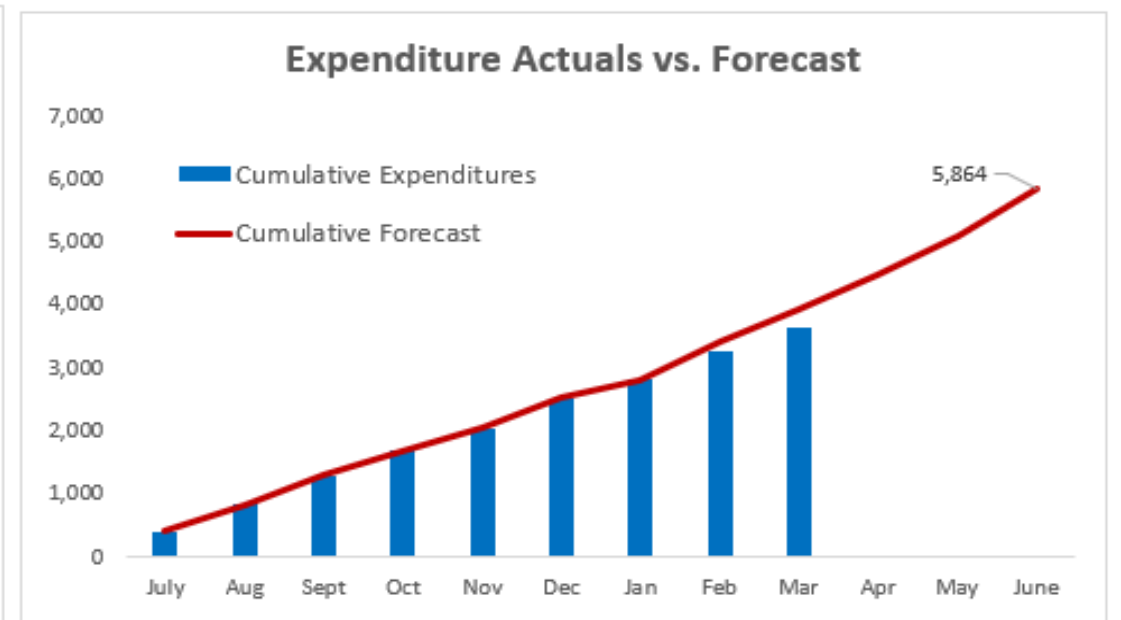
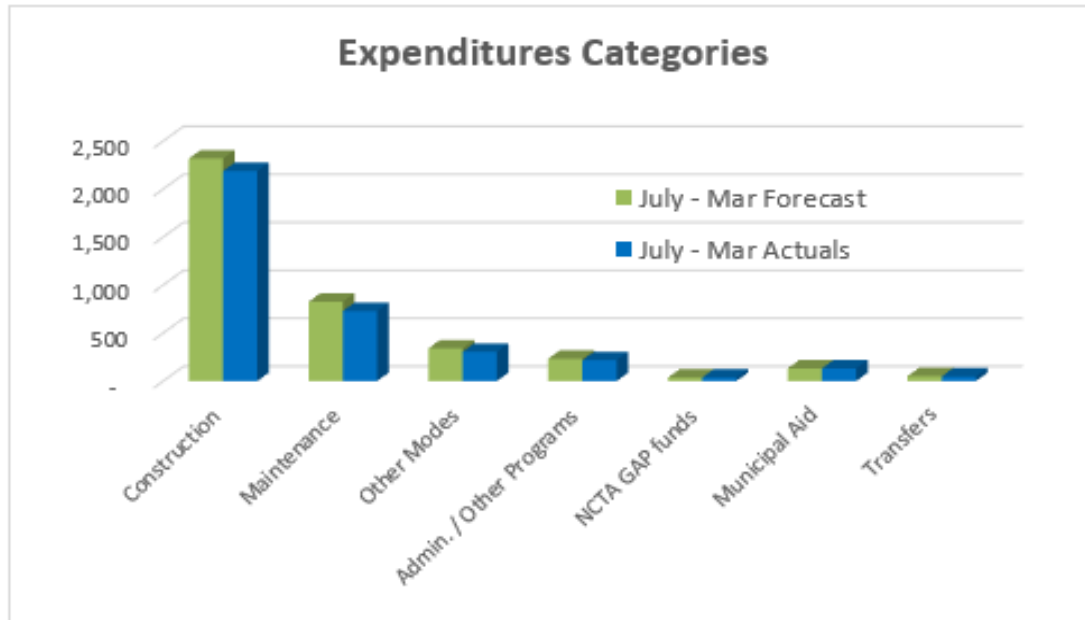


# Spend Plan Expenditure Summary March 2021 (in millions)

State & Federal Funded Programs:	March 2021	March 2020	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan**	%	2020-2021 Spend Plan** To Date	%
Construction	215.6	363.0	2,188.2	2,754.2	(\$566.0)	-21%	3,355.0	65%	2,318.3	94%
Maintenance (including FEMA)	81.0	85.3	729.5	1,127.0	(397.5)	-35%	1,338.0	55%	826.7	88%
Other Modes	37.9	34.5	305.0	215.4	89.5	42%	591.0	52%	340.4	90%
Administration/Other Programs	23.8	24.1	217.6	228.4	(10.8)	-5%	331.0	66%	232.7	93%
NCTA GAP funds / GO Debt Service	-	8.4	36.8	40.6	(3.9)	-9%	49.0	75%	36.8	100%
Municipal Aid	-	-	132.6	147.5	(14.9)	-10%	132.6	100%	132.6	100%
Transfers to Other Agencies	11.7	9.9	48.2	40.7	7.5	18%	67.5	71%	51.8	93%
<b>Total Expenditures*</b>	<b>\$370.0</b>	<b>\$525.4</b>	<b>\$3,657.8</b>	<b>\$4,553.8</b>	<b>\$ (896.0)</b>	<b>-20%</b>	<b>\$5,864.1</b>	<b>62%</b>	<b>\$3,939.3</b>	<b>93%</b>

\*Excludes NCTA Expenditures

\*\* Spend Plan Approved on 3/4/2021

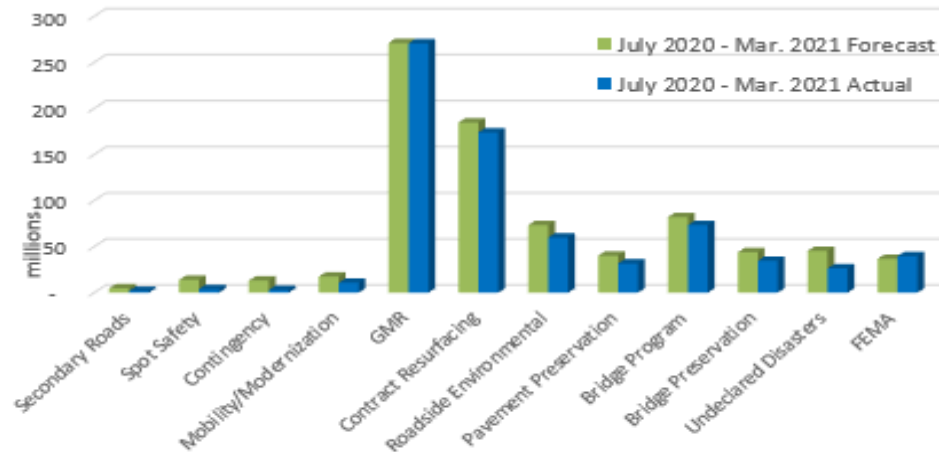


# Maintenance Program Expenditure Summary March 2021

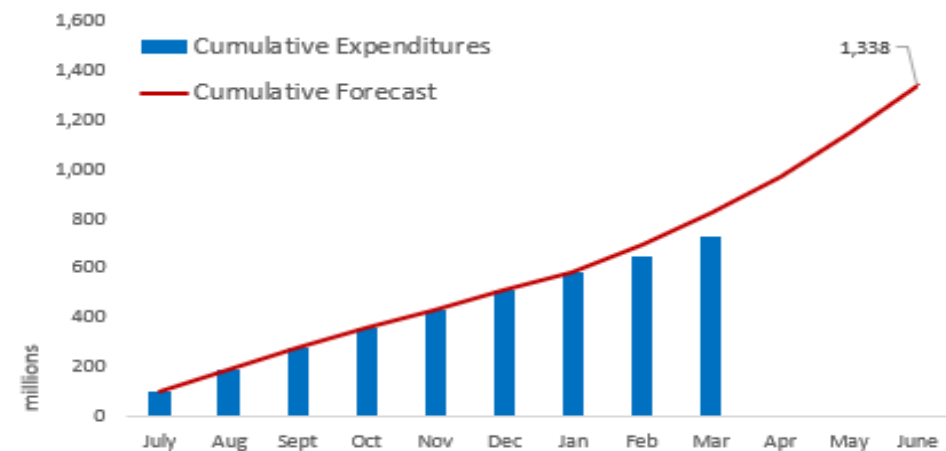
(in millions)

	March		2020-2021				2020-2021		2020-2021	
	2021	2020	Actual	Actual	\$ Δ	% Δ	Spend Plan*	%	Spend Plan*	
Maintenance Programs:									To Date	%
Secondary Roads	0.5	0.15	1.9	2.4	(0.54)	-22%	10.0	19%	4.8	40%
Spot Safety Improve.	0.6	0.20	3.8	5.1	(1.23)	-24%	30.0	13%	13.9	28%
Contingency	0.7	0.26	3.0	6.1	(3.17)	-52%	30.0	10%	13.1	23%
Mobility/Modernization	0.9	3.80	10.7	23.1	(12.43)	-54%	30.0	36%	17.4	61%
GMR	37.6	32.23	270.6	307.7	(37.15)	-12%	401.3	67%	271.0	100%
Contract Resurfacing	10.8	17.78	174.0	376.7	(202.76)	-54%	326.0	53%	184.7	94%
Roadside Environmental	9.2	3.28	60.0	69.3	(9.30)	-13%	120.0	50%	73.4	82%
Pavement Preservation	2.1	0.65	31.7	52.4	(20.72)	-40%	60.0	53%	40.2	79%
Bridge Program	5.7	17.00	73.4	176.9	(103.49)	-59%	117.0	63%	82.1	89%
Bridge Preservation	3.4	4.56	34.5	56.0	(21.46)	-38%	70.0	49%	43.9	79%
Undeclared Disasters	3.9	-	26.3	-	26.32		93.7	28%	45.4	58%
FEMA	5.8	5.43	39.7	51.2	(11.55)	-23%	50.0	79%	36.7	108%
Total Expenditures	81.00	85.34	729.47	1,126.97	(397.49)	-35%	1,338.00	55%	826.66	88%
							* Spend Plan Approved on 3/4/2020			

Maintenance Program



Maintenance Expenditures vs. Forecast

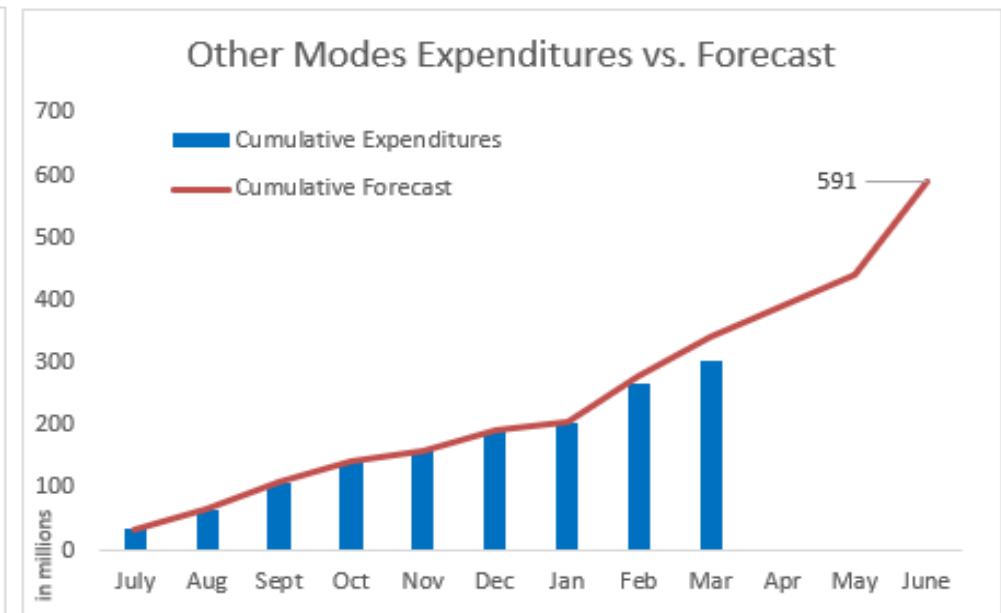
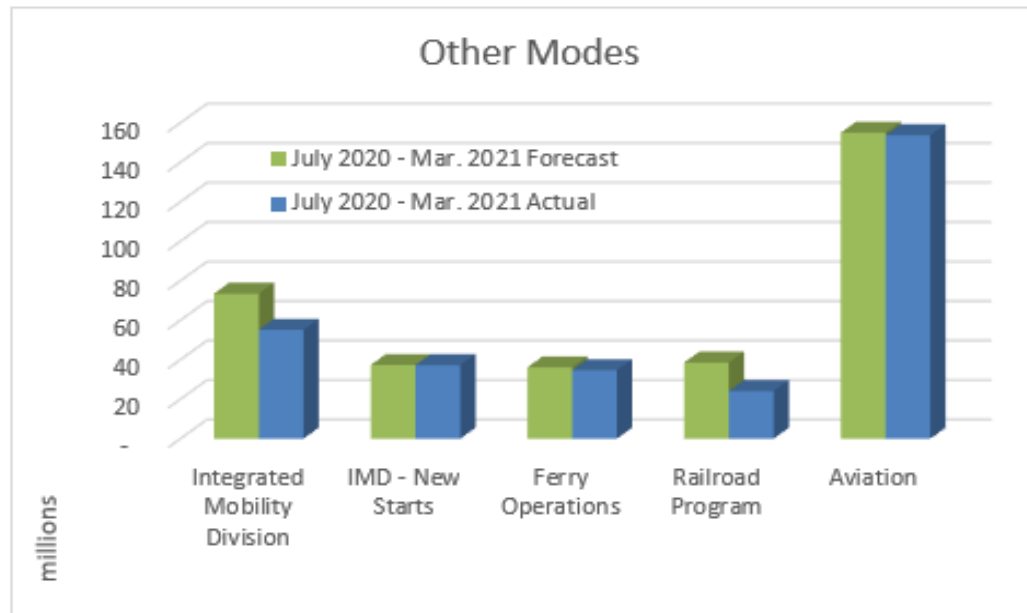


# Other Modes Expenditure Summary March 2021

(in millions)

Modal Expenditures	March 2021	March 2020	2020-2021 Actual Expenditure	2019-2020 Actual Expenditure	\$ Δ	% Δ	2020-2021 Spend Plan*	%	2020-2021 Spend Plan* To Date	%
Integrated Mobility Division	5.6	15.7	55.2	79.6	(24.4)	-31%	140.3	39%	73.5	75%
IMD - New Starts	-	-	37.3	-	37.3		37.3	100%	37.3	100%
Ferry Operations	5.3	6.6	34.7	44.4	(9.7)	-22%	58.5	59%	36.1	96%
Railroad Program	2.0	6.0	24.1	28.1	(4.0)	-14%	111.0	22%	38.6	63%
Aviation	25.0	6.3	153.8	63.4	90.4	143%	244.0	63%	155.0	99%
Total Modal Expenditure	\$37.9	\$34.5	\$305.0	\$215.4	\$89.5	42%	\$591.0	52%	\$340.4	90%

\* Spend Plan Approved on 3/4/2021





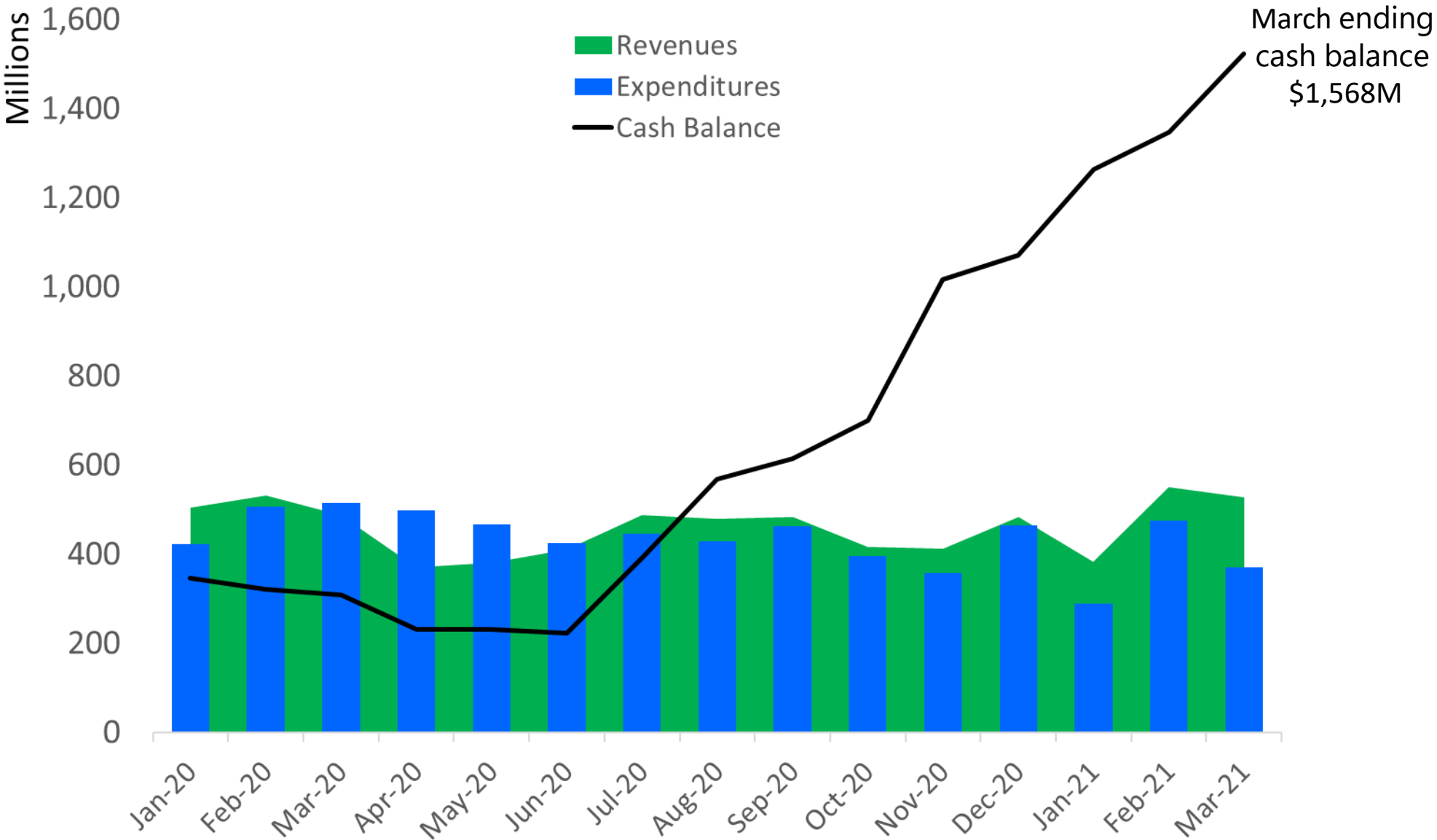
# Financial Update

## SFYTD 2021 as compared SFYTD 2020 (\$ in millions)

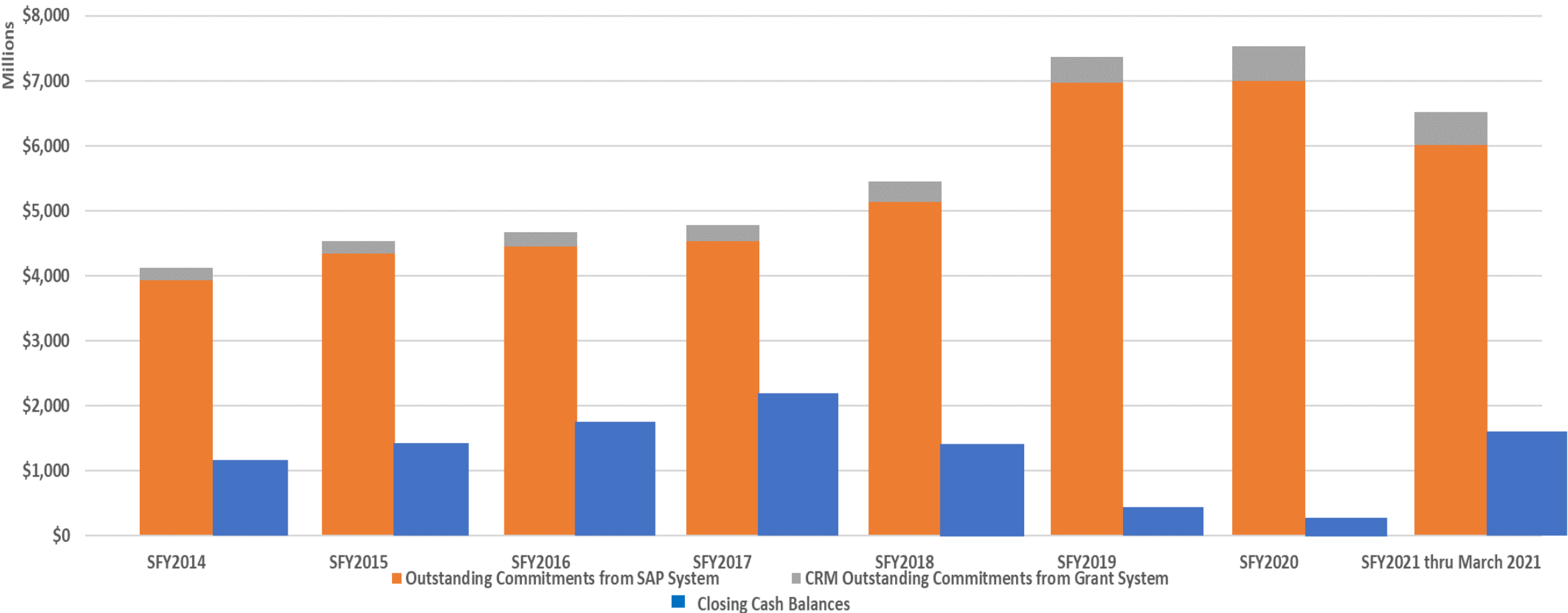
	Month over Month		Year to Date		
	March 2021	March 2020	YTD 2021	YTD 2020	\$ Change
<u>Highway Fund &amp; Highway Trust Fund</u>					
Collections	\$ 569	\$ 519	\$ 4,945	\$ 4,395	\$ 550
Expenditures	<u>370</u>	<u>525</u>	<u>3,658</u>	<u>4,559</u>	<u>(901)</u>
Net Change	\$ 199	\$ (6)	\$ 1,287	\$ (163)	\$ 1,451
			March 2021	March 2020	
Cash Balances:					
Highway Trust Fund			\$ 674	\$ 168	
Highway Fund*			<u>895</u>	<u>181</u>	
Totals			<u>\$ 1,568</u>	<u>\$ 349</u>	

\*Excludes bond proceeds held by Trustee

# 2021 Month-end Financial Indicators

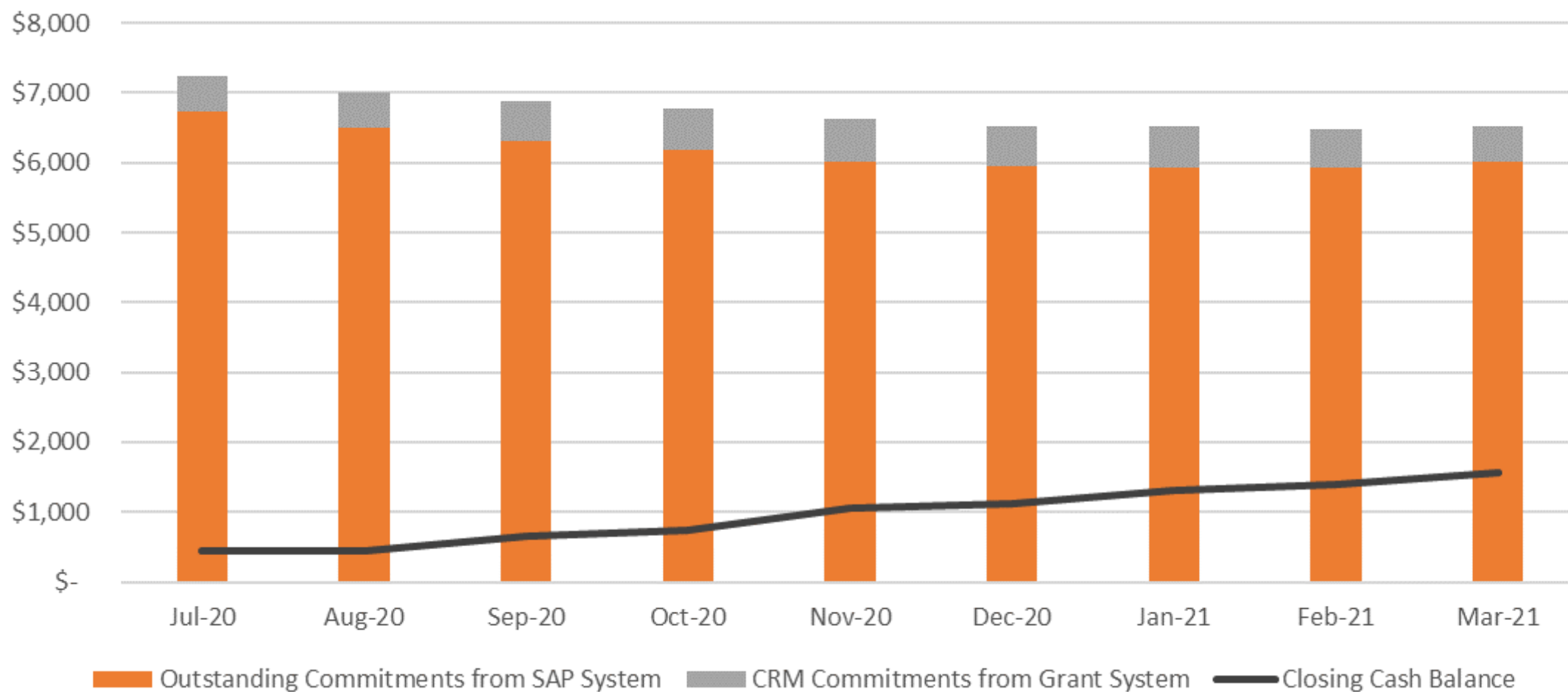


# NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year





## NCDOT Outstanding Commitments & Closing Cash Balances by Month



# Cash Reporting

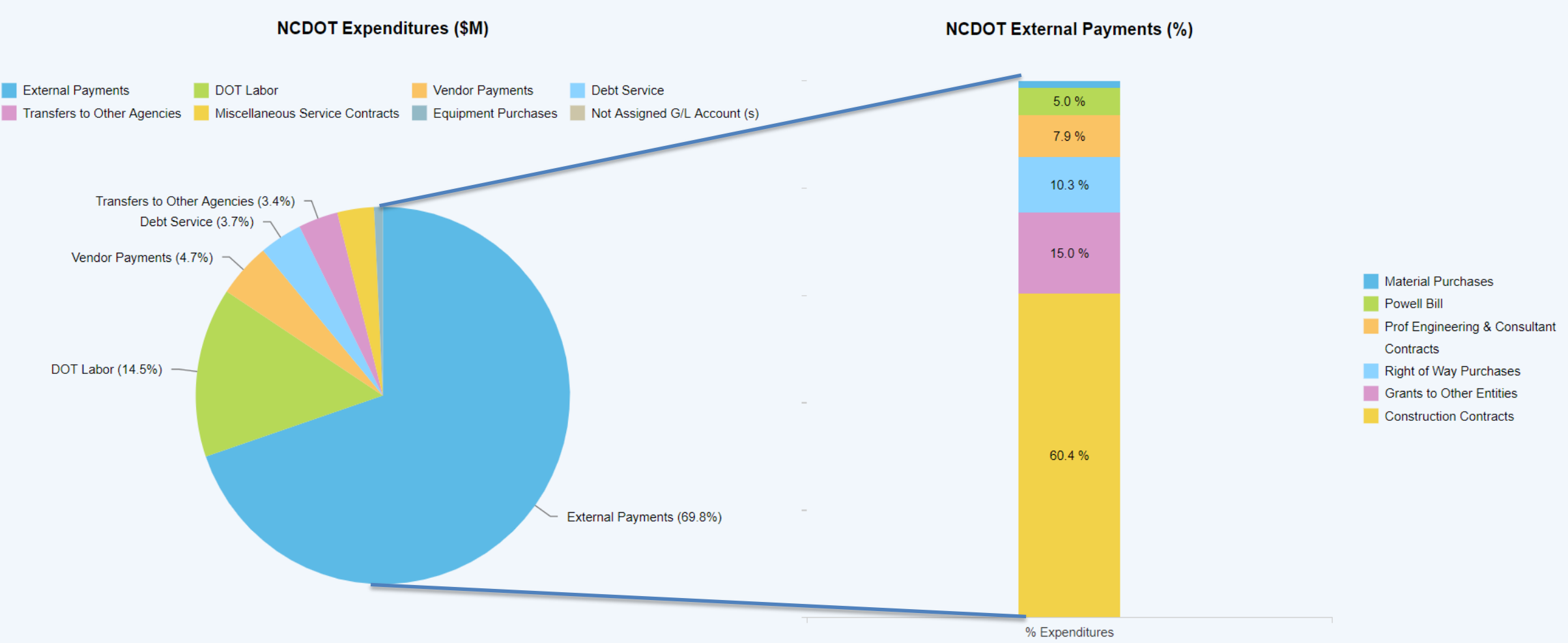
## Joint Legislative Transportation Oversight Committee

### March 2021 – Reporting Required

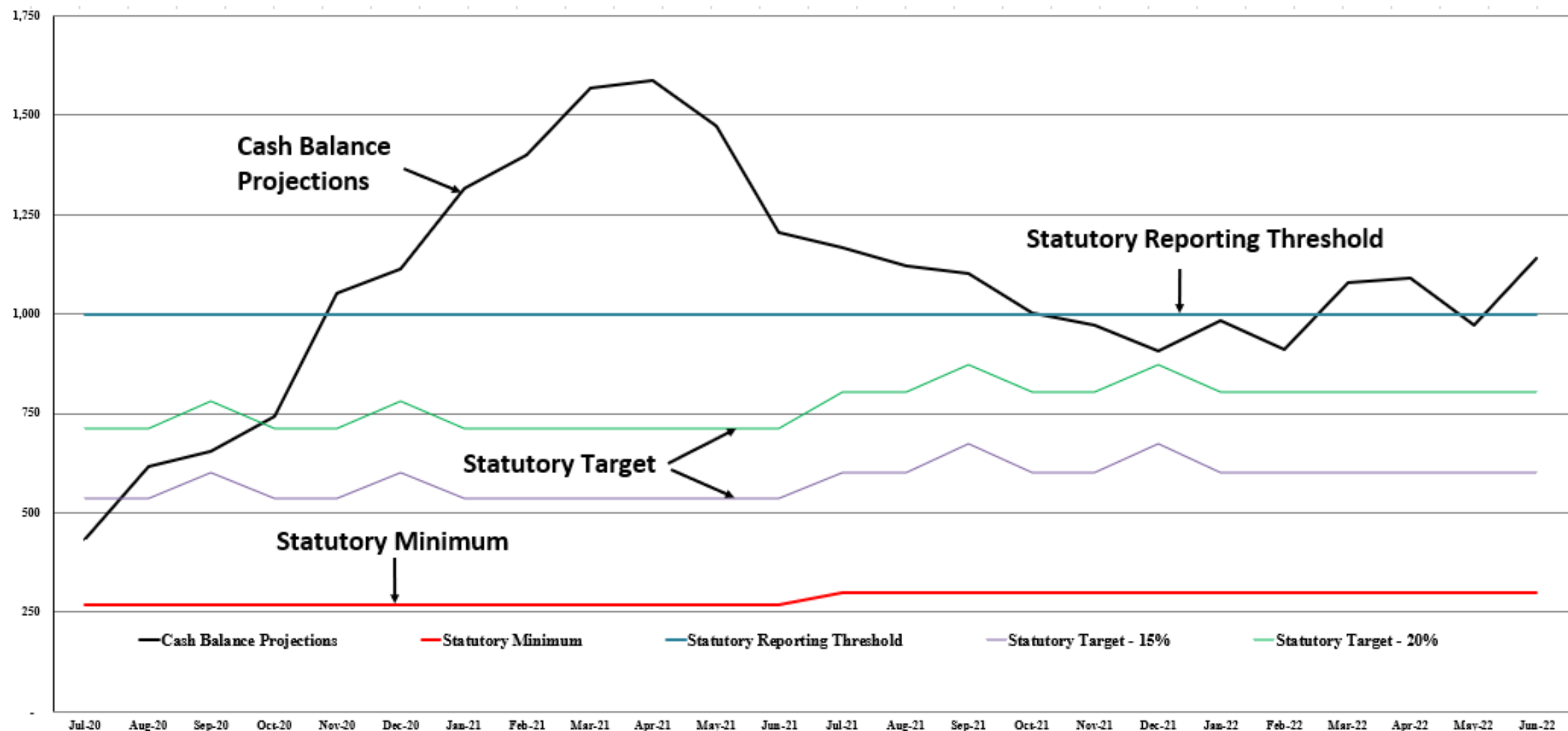
- Section 2.1 of Session Law 2019-251 requires DOT to report each month when the department's combined average daily cash balance for the month is outside of the statutory target range.
- For March 2021, the **average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$1.35 billion.
- 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 March was \$1.57 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 March 31, 2021



# 24 Month Forecast



Certified Budget vs HB77 - Highway Fund Appropriations 2020-21			G.S. 136-44.2 (f1) (1-4)	G.S. 136-16.10			APPROVED 3/4/21					
	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	Credit Balance Legislation	FY20 Overdrafts Accounted By FY21 Approp Authority	State Carry Forward Authority	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	Total Spent thru 3/31/21	Difference \$	Difference %
									<i>*Includes Federal \$</i>			
DOT-General Administration	\$ 100,417,649			-	-	-	\$ 81,160,239		\$ 81,160,239	\$ 68,087,365	\$ (13,072,874)	-16%
Highway Division Administration	31,063,109			-	-	-	32,198,043		32,198,043	21,690,554	(10,507,489)	-33%
Total Admin	\$ 131,480,758			\$ -	\$ -	\$ -	\$ 113,358,282	\$ -	\$ 113,358,282	\$ 89,777,920	\$ (23,580,362)	-21%
Construction Program												
State Secondary System	3,500,000		(3,551,188)	41,347	60,887,669	-	10,000,000		10,000,000	1,478,521	(8,521,479)	-85%
Spot Safety Improvements	12,100,000		-	684,489	32,831,835	-	30,000,000		30,000,000	3,845,245	(26,154,755)	-87%
Contingency Funds	12,000,000		(206,042)	1,993,993	40,834,385	-	30,000,000		30,000,000	2,963,782	(27,036,218)	-90%
Mobility Modernization	1,500,000		(805,685)	3,250,315	79,508,201	-	30,000,000		30,000,000	10,698,856	(19,301,144)	-64%
Total Construction Program	\$ 29,100,000		(4,562,915)	5,970,144	215,084,824	-	\$ 100,000,000	\$ -	\$ 100,000,000	\$ 18,986,404	\$ (81,013,596)	-81%
Maintenance Program												
General Maintenance Reserve	517,382,234	43,731,212	(159,520)	92,864,148	57,863,938	-	545,000,000		545,000,000	336,574,326	(208,425,674)	-38%
Contract Resurfacing	558,674,899	(15,082,953)	(8,323,495)	51,200,639	264,861,435	-	326,000,000		326,000,000	173,962,083	(152,037,917)	-47%
Bridge Program	273,967,830	(8,152,492)	(50,771,568)	45,196,031	321,145,602	-	117,000,000		117,000,000	73,367,680	(43,632,320)	-37%
Bridge Preservation	69,899,551	(2,454,342)	(7,425,284)	39,979,697	26,489,476	-	70,000,000		70,000,000	34,505,154	(35,494,846)	-51%
Roadside Environmental	101,328,653	(3,020,761)	(5,921,160)	15,157,847	19,496,408	-	120,000,000		120,000,000	59,965,964	(60,034,036)	-50%
Pavement Preservation	85,358,348	(2,915,193)	(8,804,236)	10,645,386	80,811,830	-	60,000,000		60,000,000	31,684,929	(28,315,071)	-47%
Total Maintenance Program	\$ 1,606,611,515	\$ 12,105,471	(81,405,263)	255,043,747	770,668,688	-	\$ 1,238,000,000	\$ -	\$ 1,238,000,000	\$ 710,060,135	\$ (527,939,865)	-43%
Ferry Operations	50,879,026	(1,367,724)		8,160,815	9,489,427	175,244	58,450,000		58,450,000	35,260,770	(23,189,230)	-40%
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	36,147,269	(1,190,144)	(269,822)	13,264	78,606,425	6,709,526	74,991,625	35,562,263	110,553,888	24,357,660	(86,196,227)	-78%
Integrated Mobility Division	18,200,464	(2,558,917)	(410,432)	2,816	74,661,763	80,634,929	55,940,177	120,898,274	176,838,451	92,547,327	(84,291,124)	-48%
Airports	132,264,528	(2,591,487)	(16,068,155)	6,076	155,566,183	33,413,351	199,084,810	45,000,000	244,084,810	154,549,569	(89,535,241)	-37%
Bike/Ped	761,549			5,824	1,079,342	7,975,429	761,549		761,549	396,724	(364,825)	-48%
OSHA Program	358,030			1,596	432,225	-	358,030		358,030	125,160	(232,870)	-65%
Governor's Highway Safety Program	267,914			-	399,293	35,489,001	267,914	13,532,086	13,800,000	10,692,118	(3,107,882)	-23%
Division of Motor Vehicles	142,602,058			-	-	-	135,000,000		135,000,000	86,890,502	(48,109,498)	-36%
Capital Improvements				2,350,945	36,126,405	-	4,500,000		4,500,000	3,348,484	(1,151,516)	-26%
Performance Energy Debt				-	-	-			-	238,715	238,715	
Non-System Streets				-	-	-			-	1,625,334	1,625,334	
MCSAP/DMV Grants	2,161,172			-	2,463,601	18,746,340	2,161,172		2,161,172	(6,369,487)	(8,530,659)	-395%
N.C.G.S 147-86.15 Cash Management										175,000,000		
Total Misc	520,721,709	(12,105,471)	(16,748,409)	10,541,336	359,286,306	183,143,820	664,197,777	214,992,623	879,190,400	711,281,339	\$ (167,909,061)	-19%

Certified Budget vs HB77 - Highway Fund Appropriations		G.S. 136-44.2 (f1) (1-4)	G.S. 136-16.10				APPROVED 3/4/21					
2020-21												
	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	Credit Balance Legislation	FY20 Overdrafts Accounted By FY21 Approp Authority	State Carry Forward Authority	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	Total Spent thru 3/31/21	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	2,962,686	(2,452,472)	-45%
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	40,832	(15,984)	-28%
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	\$ 13,629,471	\$ (3,989,442)	-23%
Reserves											-	
Minority Contractor Development	150,000			-	150,000	-	150,000		150,000		(150,000)	-100%
State Fire Protection Grant	158,000			-	-	-	158,000		158,000	158,000	-	0%
Stormwater Discharge Permit	500,000			-	2,334,427	-	500,000		500,000		(500,000)	-100%
Global Transpark	750,000			-	-	-	750,000		750,000	647,125	(102,875)	-14%
Admin Reduction	(581,441)			-	-	-	(581,441)		(581,441)		581,441	-100%
Salary Adjustment Fund	832,422			-	-	-	832,422		832,422		(832,422)	-100%
Reserve for Call Center Consolidations	556,074			-	-	-	556,074		556,074		(556,074)	-100%
Reserve for Legislative Increase	11,034,210			-	-	-	11,034,210		11,034,210		(11,034,210)	-100%
Reserve for State Health Plan	3,411,891			-	-	-	3,411,891		3,411,891		(3,411,891)	-100%
Short Term Disability	171,184			-	-	-	171,184		171,184		(171,184)	-100%
Employer's Contribution to Retirement	10,884,765			-	-	-	10,884,765		10,884,765		(10,884,765)	-100%
Total Reserves	\$ 27,867,105			-	2,484,427	-	\$ 27,867,105	\$ -	\$ 27,867,105	\$ 35,156,075	\$ 7,288,970	26%
Total Current Operations	2,333,400,000			271,555,228	1,347,524,244	183,143,820	2,161,042,077	214,992,623	2,376,034,700	1,578,891,344	(797,143,355)	
Total Highway Fund Appropriation	\$ 2,333,400,000		\$ (102,716,587)	\$ 271,555,228	\$1,347,524,244	\$ 183,143,820	\$2,161,042,077	\$ 214,992,623	\$ 2,376,034,700	\$ 1,578,891,344	\$ (797,143,355)	



Certified Budget vs HB77 -Highway Trust Fund Appropriation												
2020-21												
			G. S. 136-186 (f)									
	Certified 2021	SL 2019-251	Credit	FY20 Overdrafts	State	Federal						
	Budget	Section 1.3 (e)	Balance	Funded By	Carry	Carry	State	Federal	Total		Difference	Difference
			Legislation	FY21 Dollars	Forward	Forward	Spend Plan	Spend Plan	Spend Plan		\$	%
Program Administration	\$ 35,626,560		(3,981,400)	-	3,981,400	-	\$ 35,626,560		35,626,560	\$ 24,875,108	\$ (10,751,452)	-30%
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	36,750,000	(12,250,000)	-25%
State Ports Authority	45,000,000			-	-	-	45,000,000		45,000,000	33,750,000	(11,250,000)	-25%
FHWA State Match	4,640,000			-	-	-	4,640,000		4,640,000	40,771,252	36,131,252	779%
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	2,257,210,271	3,296,619,211	2,110,897,189	**** (1,185,722,022)	-36%
N.C.G.S 147-86.15 Cash Management										(175,000,000)		
<b>Total Trust Fund Appropriation</b>	<b>\$1,230,900,000</b>		<b>\$ (55,241,748)</b>	<b>\$ 327,240,973</b>	<b>\$3,930,591,626</b>	<b>\$ -</b>	<b>\$1,230,900,000</b>	<b>\$ 2,257,210,271</b>	<b>\$ 3,488,110,271</b>	<b>\$ 2,078,878,823</b>	<b>\$(1,409,231,448)</b>	
	<b>\$3,564,300,000</b>		<b>\$ (157,958,335)</b>	<b>\$ 598,796,201</b>	<b>\$5,278,115,870</b>	<b>\$ 183,143,820</b>	<b>\$3,391,942,077</b>	<b>\$ 2,472,202,894</b>	<b>\$ 5,864,144,971</b>	<b>\$ 3,657,770,168</b>	<b>\$(2,206,374,803)</b>	
* 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 3/4/21	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2021 Work Plan	Delta
<b>OPENING CASH BALANCE</b>	\$ 266	\$ 434	\$ 617	\$ 656	\$ 743	\$ 1,053	\$ 1,114	\$ 1,316	\$ 1,399	\$ 1,568	\$ 1,568	\$ 1,456			
<b>REVENUES</b>															
State revenues	\$ 409	\$ 329	\$ 349	\$ 324	\$ 305	\$ 335	\$ 321	\$ 304	\$ 356	\$ 341	\$ 334	\$ 322	\$ 4,029	\$ 4,029	0
Federal aid	68	131	116	81	90	100	48	221	145	147	143	141	1,430	1,430	0
Federal aid - InfraGrant	0	5	9	5	0	23	4	1	7	5	3	3	66	82	(16)
Turnpike Federal Aid	1	0	0	0	0	3	20	(1)	0	-	-	-	23	24	(1)
Other	11	15	29	16	12	24	8	19	15	19	17	33	217	240	(22)
	489	481	503	426	408	484	401	543	522	512	497	500	5,765	5,804	(39)
<b>BOND PROCEEDS/GARVEE</b>	3	40	26	23	55	29	8	3	14	20	22	29	272	\$ 288	(16)
<b>BUILDNC REIMBURSEMENT FROM TRUSTEE</b>	144	-	-	-	200	43	40	28	33	30	37	36	591	599	(8)
<b>TOTAL REVENUES &amp; OTHER RECEIPTS</b>	\$ 636	\$ 521	\$ 529	\$ 448	\$ 663	\$ 556	\$ 450	\$ 574	\$ 569	\$ 562	\$ 556	\$ 565	\$ 6,628	\$ 6,692	(63)
<b>CONSTRUCTION EXPENDITURES</b>															
Garvee Expenditures	(32)	(35)	(31)	(31)	(77)	(41)	(16)	(22)	(12)	(50)	(60)	(55)	(462)	\$ (494)	32
Garvee Debt Service	-	(24)	-	-	0	-	(0)	(108)	-	-	-	-	(132)	(152)	20
Division of Mitigation Services (Formerly EEP)	(0)	(5)	(0)	(0)	(2)	(0)	(2)	(17)	1	(4)	-	(10)	(40)	(36)	(4)
BUILDNC Expenditures	(19)	(21)	(25)	(27)	(146)	(55)	(39)	(29)	(37)	(39)	(39)	(42)	(518)	(516)	(2)
BUILDNC Debt Service	-	-	-	-	(7)	-	-	-	-	-	(48)	-	(54)	(54)	0
Stateqic Transportation Initiative	(126)	(76)	(85)	(117)	30	(78)	(56)	(108)	(75)	(50)	(56)	(55)	(853)	(781)	(72)
NC Mobility Fund	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	0	0	(0)
TIP	(76)	(95)	(78)	(54)	(6)	(59)	(64)	(17)	(70)	(149)	(156)	(164)	(989)	(1,163)	174
TIP - Infragrant	(0)	(12)	(7)	(5)	(12)	(18)	(5)	(4)	(5)	(7)	(9)	(10)	(93)	(99)	5
Turnpike Authority	(1)	(1)	(0)	(1)	(1)	(1)	(1)	(1)	(0)	(0)	(0)	(0)	(8)	(7)	(1)
Internal Orders	3	(1)	3	(5)	(6)	1	1	2	(14)	(1)	(1)	(1)	(20)	(9)	(11)
Congestion Mitigation & Air Quality (CMAQ)	(3)	(3)	(3)	(5)	(2)	(2)	(2)	(3)	(2)	(7)	(7)	(7)	(45)	(46)	1
<b>Total Construction</b>	\$ (254)	\$ (274)	\$ (226)	\$ (247)	\$ (229)	\$ (253)	\$ (183)	\$ (307)	\$ (216)	\$ (305)	\$ (375)	\$ (344)	\$ (3,213)	(3,355)	142



# 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 3/4/21	
<b>MAINTENANCE EXPENDITURES</b>															
Other Construction - Secondary Roads	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(1)	(2)	(3)	(3)	(10)	(10)	0
Other Construction - Spot Safety Improvements	(1)	(0)	(1)	(0)	(0)	(0)	(0)	(0)	(1)	(8)	(9)	(9)	(30)	(30)	0
Other Construction - Contingency	(0)	0	(1)	(0)	(0)	(0)	(0)	(1)	(1)	(8)	(9)	(10)	(30)	(30)	0
Other Construction - Mobility/Modernization	(1)	(1)	(3)	(1)	(1)	(2)	(1)	(1)	(1)	(6)	(6)	(7)	(30)	(30)	0
General Maintenance Reserve	(30)	(27)	(30)	(31)	(17)	(23)	(37)	(38)	(38)	(37)	(42)	(52)	(401)	(401)	0
Contract Resurfacing	(35)	(29)	(23)	(21)	(21)	(20)	(9)	(5)	(11)	(40)	(57)	(55)	(326)	(326)	0
Roadside Environmental	(7)	(7)	(7)	(7)	(7)	(7)	(5)	(5)	(9)	(17)	(19)	(24)	(120)	(120)	0
Pavement Preservation	(8)	(4)	(6)	(4)	(4)	(2)	(1)	(1)	(2)	(8)	(9)	(11)	(60)	(60)	0
Bridge Program	(12)	(10)	(9)	(7)	(8)	(11)	(5)	(6)	(6)	(12)	(14)	(17)	(117)	(117)	0
Bridge Preservation	(6)	(4)	(5)	(6)	(3)	(2)	(2)	(3)	(3)	(10)	(11)	(14)	(70)	(70)	0
Undeclared Disasters including Snow & Ice	-	-	-	(1)	(5)	(8)	(4)	(5)	(4)	(19)	(22)	(27)	(94)	(94)	0
Disaster Funding - FEMA	(2)	(5)	(3)	(5)	(6)	(5)	(4)	(5)	(6)	(3)	(3)	(4)	(50)	(50)	0
<b>Total Maintenance</b>	<b>\$ (103)</b>	<b>\$ (86)</b>	<b>\$ (88)</b>	<b>\$ (83)</b>	<b>\$ (73)</b>	<b>\$ (79)</b>	<b>\$ (68)</b>	<b>\$ (69)</b>	<b>\$ (81)</b>	<b>\$ (171)</b>	<b>\$ (204)</b>	<b>\$ (234)</b>	<b>\$ (1,338)</b>	<b>(1,338)</b>	<b>0</b>
<b>OTHER MODES</b>															
Public Transportation	\$ (9)	\$ (5)	\$ (4)	\$ (4)	\$ (6)	\$ (4)	\$ (5)	\$ (12)	\$ (6)	\$ (24)	\$ (20)	\$ (41)	\$ (140)	\$ (140)	(0)
Public Transportation-New Starts	-	-	-	-	-	-	-	(37)	-	-	-	-	(37)	(37)	0
Ferry Operations	(3)	(5)	(3)	(5)	(3)	(3)	(3)	(4)	(5)	(5)	(5)	(14)	(58)	(58)	0
Railroad program	(5)	(3)	(2)	(2)	(2)	(4)	(3)	(1)	(2)	(9)	(8)	(70)	(111)	(111)	(0)
Airports	(17)	(19)	(33)	(22)	(6)	(20)	(4)	(8)	(25)	(14)	(15)	(61)	(244)	(244)	(0)
<b>Total Other Modes</b>	<b>\$ (34)</b>	<b>\$ (32)</b>	<b>\$ (42)</b>	<b>\$ (34)</b>	<b>\$ (17)</b>	<b>\$ (32)</b>	<b>\$ (14)</b>	<b>\$ (62)</b>	<b>\$ (38)</b>	<b>\$ (51)</b>	<b>\$ (49)</b>	<b>\$ (186)</b>	<b>\$ (591)</b>	<b>(591)</b>	<b>(0)</b>
<b>OTHER EXPENDITURES</b>															
Administration	\$ (18)	\$ (23)	\$ (22)	\$ (26)	\$ (24)	\$ (22)	\$ (21)	\$ (22)	\$ (23)	\$ (33)	\$ (27)	\$ (32)	\$ (293)	\$ (309)	16
Transfers to Other State Agencies	(2)	(0)	(17)	(2)	(0)	(12)	(2)	(0)	(12)	-	-	(16)	(64)	(67)	4
Transfers to General Fund/NCTA/ER Fund	-	(12)	-	-	(12)	-	-	(12)	-	-	(12)	-	(49)	(49)	0
State aid to municipalities	-	-	(66)	-	(1)	(66)	-	-	-	-	-	-	(133)	(133)	0
Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Other Programs	(1)	(3)	(2)	(2)	(3)	(1)	(1)	(2)	(1)	(2)	(2)	(3)	(22)	(22)	(1)
<b>Total Other Expenditures</b>	<b>\$ (21)</b>	<b>\$ (38)</b>	<b>\$ (107)</b>	<b>\$ (30)</b>	<b>\$ (40)</b>	<b>\$ (102)</b>	<b>\$ (25)</b>	<b>\$ (37)</b>	<b>\$ (35)</b>	<b>\$ (35)</b>	<b>\$ (41)</b>	<b>\$ (50)</b>	<b>\$ (561)</b>	<b>(580)</b>	<b>19</b>
<b>TOTAL EXPENDITURES</b>	<b>\$ (412)</b>	<b>\$ (430)</b>	<b>\$ (462)</b>	<b>\$ (394)</b>	<b>\$ (359)</b>	<b>\$ (465)</b>	<b>\$ (290)</b>	<b>\$ (475)</b>	<b>\$ (370)</b>	<b>\$ (562)</b>	<b>\$ (669)</b>	<b>\$ (815)</b>	<b>\$ (5,703)</b>	<b>\$ (5,864)</b>	<b>161</b>
<b>OTHER CHANGES IN CASH</b>															
<b>N.C.G.S 147-86.15 Cash Management</b>															
Highway Fund			(50)	(20)			(30)	(30)	(45)	(30)	(95)		(300)		
Highway Trust Fund			50	20			30	30	45	30	95		300		
<b>Total Cash Management Transfers</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
Working capital changes	\$ (55)	\$ 92	\$ (28)	\$ 32	\$ 6	\$ (29)	\$ 42	\$ (16)	\$ (29)	\$ -	\$ -	\$ -			
	\$ (55)	\$ 92	\$ (28)	\$ 32	\$ 6	\$ (29)	\$ 42	\$ (16)	\$ (29)	\$ -	\$ -	\$ -			
<b>NET CHANGE IN CASH</b>	<b>\$ 168</b>	<b>\$ 183</b>	<b>\$ 39</b>	<b>\$ 87</b>	<b>\$ 310</b>	<b>\$ 61</b>	<b>\$ 201</b>	<b>\$ 83</b>	<b>\$ 170</b>	<b>\$ 0</b>	<b>\$ (112)</b>	<b>\$ (250)</b>			
<b>CLOSING CASH BALANCE</b>	<b>\$ 434</b>	<b>\$ 617</b>	<b>\$ 656</b>	<b>\$ 743</b>	<b>\$ 1,053</b>	<b>\$ 1,114</b>	<b>\$ 1,316</b>	<b>\$ 1,399</b>	<b>\$ 1,568</b>	<b>\$ 1,568</b>	<b>\$ 1,456</b>	<b>\$ 1,206</b>			

# Approved Spend Plan Versus Actuals July 2020 – March 2021

	3/4/21 Approved Spend Plan Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	2nd Qtr	3rd Qtr	YTD	1st Qtr	2nd Qtr	3rd Qtr	YTD	YTD	YTD
	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021
<b>OPENING CASH BALANCE</b>	\$ 266	\$ 656	\$ 1,114		\$ 266	\$ 656	\$ 1,114			
<b>REVENUES</b>										
State revenues	\$ 1,087	\$ 965	\$ 979	3,030	\$ 1,087	\$ 965	\$ 981	\$ 3,032	0%	\$ 2
Federal aid	315	270	444	1,029	315	270	414	998	-3%	(30)
Federal aid - InfraGrant	15	28	27	71	15	28	12	55	-22%	(16)
Turnpike Federal Aid	2	3	20	24	2	3	19	23	-5%	(1)
Other	55	52	64	170	55	52	42	148	-13%	(22)
	1,473	1,317	1,534	4,324	1,473	1,317	1,466	4,257	-2%	(67)
<b>GARVEE REIMBURSEMENT FROM TRUSTEE</b>	69	107	40	216	69	107	24	200	-7%	(16)
<b>BUILDNC REIMBURSEMENT FROM TRUSTEE</b>	144	243	106	493	144	243	101	488	-1%	(5)
<b>TOTAL REVENUES &amp; OTHER RECEIPTS</b>	\$ 1,686	\$ 1,667	\$ 1,680	\$ 5,033	\$ 1,686	\$ 1,667	\$ 1,592	\$ 4,945	-2%	\$ (88)
<b>CONSTRUCTION EXPENDITURES</b>										
Garvee Expenditures	(99)	(149)	(82)	(329)	(99)	(149)	(50)	(298)	-10%	32
Garvee Debt Service	(24)	0	(128)	(152)	(24)	0	(108)	(132)	-13%	20
Division of Mitigation Services (Formerly EEP)	(6)	(2)	(14)	(22)	(6)	(2)	(18)	(25)	17%	(4)
BUILDNC Expenditures	(65)	(228)	(103)	(396)	(64)	(228)	(106)	(398)	1%	(2)
BUILDNC Debt Service	-	(7)	-	(7)	-	(7)	-	(7)		-
Strategic Transportation Initiative	(352)	(192)	(155)	(699)	(288)	(165)	(239)	(691)	-1%	8
NC Mobility Fund	0	(0)	(0)	0	0	(0)	(0)	0	0%	(0)
TIP	(184)	(92)	(325)	(601)	(249)	(119)	(152)	(520)	-14%	82
TIP - Infragrant	(19)	(36)	(19)	(74)	(19)	(36)	(14)	(69)	-7%	5
Turnpike Authority	(2)	(3)	(1)	(6)	(2)	(3)	(2)	(7)	14%	(1)
Internal Orders	5	(11)	(1)	(6)	5	(11)	(11)	(17)	169%	(11)
CMAQ	(9)	(10)	(8)	(27)	(9)	(10)	(7)	(25)	-4%	1
<b>Total Construction</b>	\$ (754)	\$ (729)	\$ (836)	\$ (2,318)	\$ (754)	\$ (729)	\$ (706)	\$ (2,188)	-6%	\$ 130

# Approved Spend Plan Versus Actuals July – March 2021

Source: FPC/Baseline Forecast/Cash Model SFY2021 Amendment 2, Approved										
	3/4/21 Approved Spend Plan Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	2nd Qtr	3rd Qtr	YTD	1st Qtr	2nd Qtr	3rd Qtr	YTD	YTD	YTD
	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021	SFY2021
<b>MAINTENANCE EXPENDITURES</b>										
Other Construction - Secondary Roads	(1)	(0)	(4)	(5)	(1)	(0)	(1)	(2)	-60%	\$ 3
Other Construction - Spot Safety Improvements	(2)	(1)	(11)	(14)	(2)	(1)	(1)	(4)	-72%	\$ 10
Other Construction - Contingency	(1)	(1)	(12)	(13)	(1)	(1)	(2)	(3)	-77%	\$ 10
Other Construction - Mobility/Modernization	(5)	(3)	(10)	(17)	(5)	(3)	(3)	(11)	-39%	\$ 7
General Maintenance Reserve	(87)	(72)	(113)	(272)	(87)	(71)	(112)	(271)	0%	\$ 1
Contract Resurfacing	(87)	(62)	(35)	(185)	(87)	(62)	(25)	(174)	-6%	\$ 11
Roadside Environmental	(21)	(21)	(32)	(73)	(21)	(21)	(18)	(60)	-18%	\$ 13
Pavement Preservation	(18)	(10)	(12)	(40)	(18)	(10)	(4)	(32)	-21%	\$ 9
Bridge Program	(31)	(26)	(25)	(82)	(31)	(26)	(17)	(73)	-11%	\$ 9
Bridge Preservation	(15)	(11)	(17)	(44)	(15)	(11)	(8)	(35)	-21%	\$ 9
Undeclared Disaster Funding Including Snow and Ice	-	(13)	(32)	(44)	-	(13)	(13)	(26)	-41%	\$ 18
Disaster Funding - FEMA	(10)	(15)	(12)	(37)	(10)	(15)	(15)	(40)	8%	(3)
Total Maintenance	\$ (277)	\$ (235)	\$ (315)	\$ (827)	\$ (277)	\$ (235)	\$ (218)	\$ (729)	-12%	\$ 97
<b>OTHER MODES</b>										
Public Transportation	(18)	(14)	(41)	(73)	(18)	(14)	(23)	(55)	-25%	\$ 18
Public Transportation - New Starts	-	-	(37)	(37)	-	0	(37)	(37)	0%	\$ 0
Ferry Operations	(11)	(12)	(13)	(36)	(11)	(12)	(12)	(35)	-4%	1
Railroad program	(10)	(8)	(20)	(39)	(10)	(8)	(6)	(24)	-37%	14
Airports	(69)	(48)	(37)	(155)	(69)	(48)	(36)	(154)	-1%	1
Total Other Modes	\$ (108)	\$ (83)	\$ (149)	\$ (340)	\$ (108)	\$ (83)	\$ (114)	\$ (305)	-10%	\$ 35
<b>OTHER EXPENDITURES</b>										
Administration	(63)	(73)	(82)	(217)	(63)	(73)	(66)	(202)	-7%	\$ 16
Transfers to Other State Agencies	(19)	(14)	(18)	(52)	(19)	(14)	(14)	(48)	-7%	4
Transfers to General Fund/NCTA - GAP Funds	(12)	(12)	(12)	(37)	(12)	(12)	(12)	(37)	0%	-
State aid to municipalities	(66)	(67)	-	(133)	(66)	(67)	-	(133)	0%	-
Debt Service	-	-	-	-	-	-	-	-	-	-
Other Programs	(6)	(5)	(4)	(15)	(6)	(5)	(4)	(16)	3%	(1)
Total Other Expenditures	\$ (166)	\$ (172)	\$ (116)	\$ (454)	\$ (166)	\$ (172)	\$ (97)	\$ (435)	-4%	\$ 19
<b>TOTAL EXPENDITURES</b>	<b>\$ (1,305)</b>	<b>\$ (1,218)</b>	<b>\$ (1,417)</b>	<b>\$ (3,939)</b>	<b>\$ (1,305)</b>	<b>\$ (1,218)</b>	<b>\$ (1,135)</b>	<b>\$ (3,658)</b>	<b>-7%</b>	<b>\$ 282</b>
<b>OTHER CHANGES IN CASH</b>										
Working capital changes	\$ 9	\$ 9	\$ 42	\$ 60	\$ 9	\$ 9	\$ (3)	\$ 15	-75%	(45)
	\$ -	\$ -	\$ -	\$ -	\$ 9	\$ 9	\$ (3)	\$ 15		
<b>NET CHANGE IN CASH</b>	<b>\$ 390</b>	<b>\$ 458</b>	<b>\$ 305</b>	<b>\$ 1,154</b>	<b>\$ 390</b>	<b>\$ 458</b>	<b>\$ 454</b>	<b>\$ 1,302</b>	<b>13%</b>	<b>\$ 148</b>
<b>CLOSING CASH BALANCE</b>	<b>656</b>	<b>1,114</b>	<b>1,420</b>		<b>656</b>	<b>1,114</b>	<b>1,568</b>			

# Spend Plan Variance

- GARVEE Expenditures, Build NC Expenditures, TIP and STI -6% Variance (-\$119M). Project lettings were delayed during budget restrictions.
- Division of Mitigation Services (Formerly EEP) 17% Variance (\$4M). Payments totaling over \$16.5M were disbursed to the NC Department of Environmental Quality Division of Mitigation Services (DMS) in February for compensatory mitigation to offset NCDOT construction impacts. These funds cover administration, restoration, long term monitoring and planning for DMS's SFY 2021 third and fourth quarters.



# Spend Plan Variance

- Internal Orders -169% (-\$11M). Internal Orders are cost collectors for project surcharges. The variance is a result of a change in payments to the NC Department of Information Technology (DIT) from monthly to quarterly.
- Maintenance and Operations -12% Variance (-\$97M). Spend Plan Amendment #2 issued a realignment of expected cash outflows for SFY 2021. Contract Resurfacing and Bridge Program payouts are expected to increase in the fourth quarter of SFY 2021 into SFY 2022.
  - Undeclared Disasters -41% (-\$18M). 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 -25% Variance (-\$18M). FFF 21 FTA grants involving state match were delayed at the beginning of SFY 21 due to spending restrictions. These grants have now been released and agencies are beginning to draw down funds. CARES Intercity Bus funding and traditional bus funding is anticipated to be awarded by FTA soon and \$15 million is expected to be expended by June 30. In addition, CARES Round 3 funding was recently awarded and distributed to recipients by FTA. This will lead to an acceleration in CARES Act funding expenditures.
- Railroad Program -37% (-\$14M). 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 available to railroads for additional projects to support rail freight growth. These are anticipated to be awarded by May.

# Actual Expenditures Compared to Spend Plan

	DESCRIPTION	SPEND PLAN AMEND. 2 3/4/21	Expenditures as of 3/31/21	% of SFY 2021 Approved Spend Plan
CONSTRUCTION	Garvee Expenditures	494.07	297.59	60%
	Garvee Debt Service	151.59	131.59	87%
	Division of Mitigation Services	35.75	25.42	71%
	BUILDNC Expenditures	413.54	398.07	96%
	BUILDNC Debt Service	54.42	6.84	13%
	Strategic Transportation Initiative	882.75	691.41	78%
	NC Mobility Fund	(0.25)	(0.25)	100%
	TIP	1,162.58	519.51	45%
	TIP - Infragrant	98.61	68.59	70%
	Turnpike Authority	6.75	7.28	108%
	Internal Orders	9.20	16.71	182%
	CMAQ	46.01	25.43	55%
	<b>Total Construction</b>	<b>3,355.02</b>	<b>2,188.20</b>	<b>65%</b>
MAINTENANCE & OPERATION	OC - Secondary Roads	10.00	1.91	19%
	OC - Spot Safety Improvements	30.00	3.85	13%
	OC - Contingency	30.00	2.96	10%
	OC - Mobility/Modernization	30.00	10.70	36%
	General Maintenance Reserve	401.30	270.57	67%
	Contract Resurfacing	326.00	173.96	53%
	Roadside Environmental	120.00	59.97	50%
	Pavement Preservation	60.00	31.68	53%
	Bridge Program	117.00	73.37	63%
	Bridge Preservation	70.00	34.51	49%
	Undeclared Disaster	93.70	26.32	28%
	Disaster Funding - FEMA	50.00	39.69	79%
	<b>Total Maintenance</b>	<b>1,338.00</b>	<b>729.47</b>	<b>55%</b>
MODES	IMD	140.32	55.16	39%
	IMD - New Starts	37.30	37.26	100%
	Ferry Operations	58.48	34.68	59%
	Railroad program	110.95	24.12	22%
	Airports	243.95	153.75	63%
	<b>Total Other Modes</b>	<b>591.00</b>	<b>304.97</b>	<b>52%</b>
ADMIN & OTHER	Administration	309.15	201.54	65%
	Transfers to Other State Agencies	67.46	48.18	71%
	Transfers to GF/NCTA - GAP Funds	49.00	36.75	75%
	State aid to municipalities	132.62	132.62	100%
	Debt Service	-	-	
	Other Programs	21.89	16.03	73%
	<b>Total Other</b>	<b>580.13</b>	<b>435.13</b>	<b>75%</b>
	<b>TOTAL</b>	<b>5,864.14</b>	<b>3,657.77</b>	<b>62%</b>

# Advance Construction

Funding Source	AC Amount - March 31, 2021	Allowable AC amount FY 2021***	Within Prescribed Limit?
National Highway Performance Program (NHPP)*	\$1,738,682,463	\$2,468,423,788	YES
Surface Transportation Block Grant (STBG)**	\$318,707,496	\$1,172,129,980	YES
Highway Safety Improvement Program (HSIP)	\$104,842,975	\$230,401,828	YES

\*Includes Interstate Maintenance, National Highway System Program balances

\*\*Includes bridge replacement balance

\*\*\* Allowable AC amount is 4 times FY 2021 apportionment



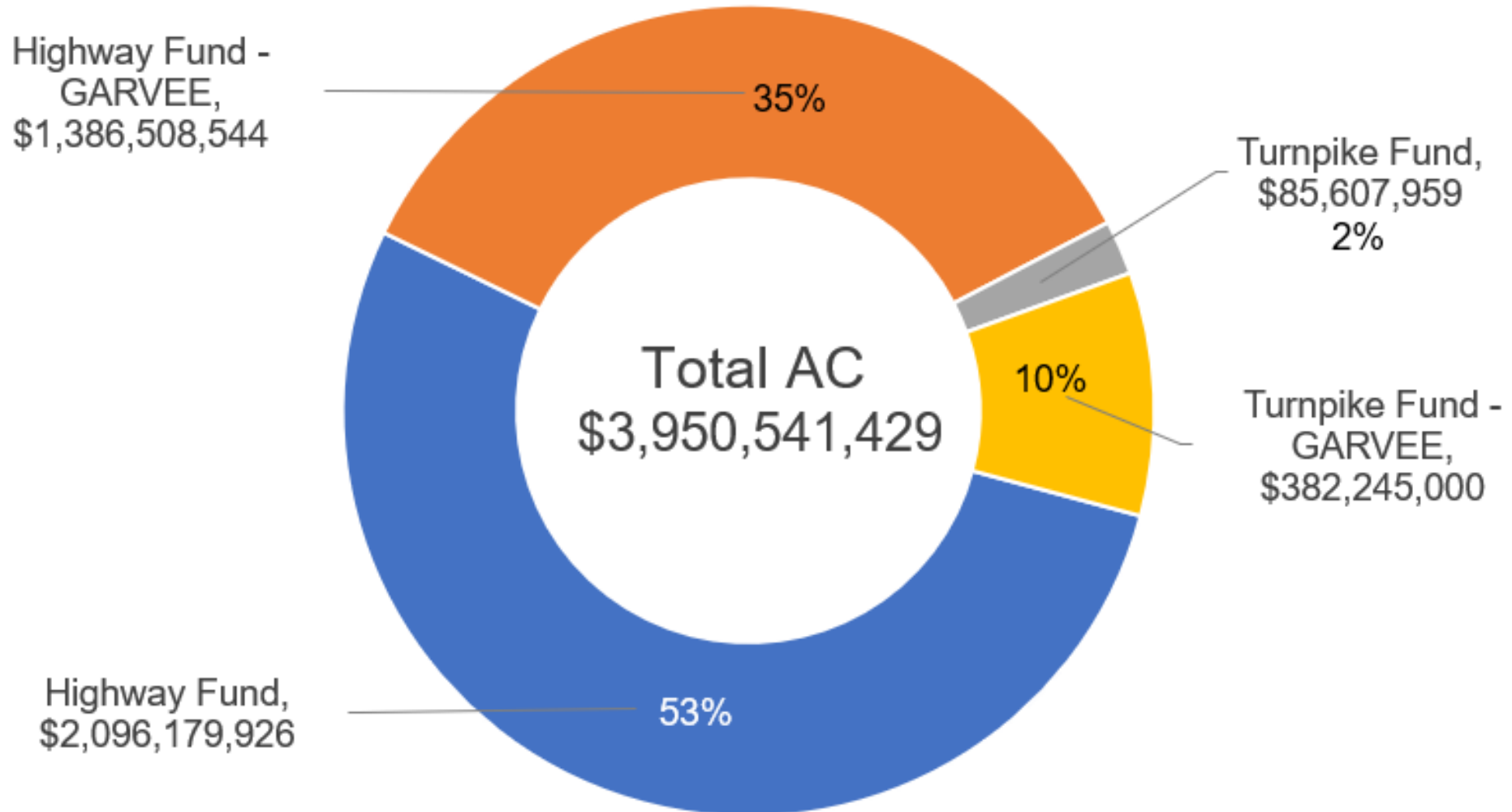
# Advance Construction

Funding Source	Unreimbursed Expenditures as of April 19, 2021	Apportionment in FY 2021	Within Prescribed Limit?
National Highway Performance Program (NHPP)*	\$277,333,011	\$617,105,947	YES
Surface Transportation Block Grant (STBG)**	\$64,208,552	\$293,032,495	YES
Highway Safety Improvement Program (HSIP)	\$41,144,938	\$57,600,457	YES

\*Includes Interstate Maintenance, National Highway System Program balances

\*\*Includes bridge replacement balance

# Advance Construction Balance as of March 2021

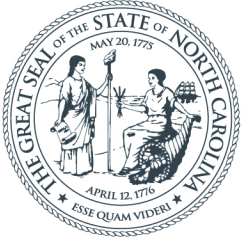


# Questions?



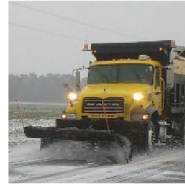
**Stephanie King**  
Chief Financial Officer

[sjking@ncdot.gov](mailto:sjking@ncdot.gov)



## **NORTH CAROLINA**

Department of Transportation



# **DMS BIENNIAL BUDGET STATE FISCAL YEARS 2021/22 and 2022/23**

Tim Baumgartner

Director, Div. of Mitigation Services, DEQ

May 2021

## *Division of Mitigation Services*

*Mission: to provide cost-effective mitigation alternatives that benefit North Carolina's water resources.*

# WHAT WE DO



Supports  
transportation  
project  
development:

**COST  
CONTROLS  
REGULATORY  
ACCEPTANCE**

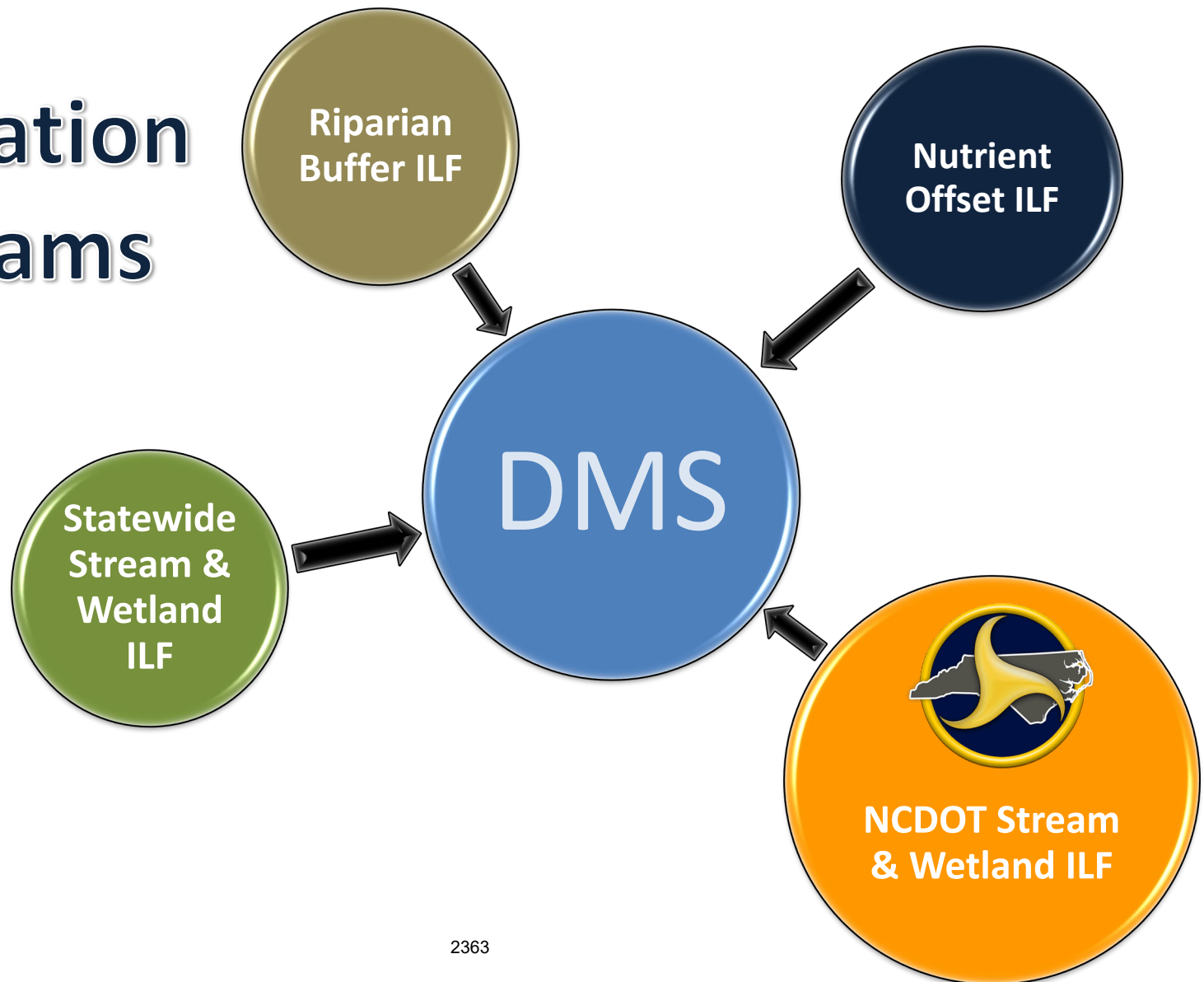
Compensatory  
Mitigation for  
stream,  
wetland, and  
riparian buffer

Leverage  
mitigation  
investments to  
the benefit of  
the state's  
natural  
resources

PARTNERS  
Landowners  
Contractors  
Investors  
Engineers  
Cities &  
Counties



# DMS Mitigation Programs



# DMS Private Sector Customers:





# DMS Public Sector Customers:



CHEROKEE



Inspiring Appreciation and Conservation of North Carolina's Aquatic Environments



CLIFFS OF THE NEUSE  
STATE PARK



MAYO RIVER  
STATE PARK



Preparing ALL students for bright & prosperous futures by Deliberately & Intentionally  
providing Rigorous & Relevant instruction in every classroom, every day

## SUCCESS

Since EEP/DMS inception in 2003,  
NO NCDOT project has been delayed due to a lack  
of compensatory stream and wetland mitigation.

## Mitigation projects initiated since last year:

7 projects = 55,808 linear feet of stream and 58 acres of wetland





## Long Term Management

**277 active and completed projects -  
46,160 acres perpetually protected**

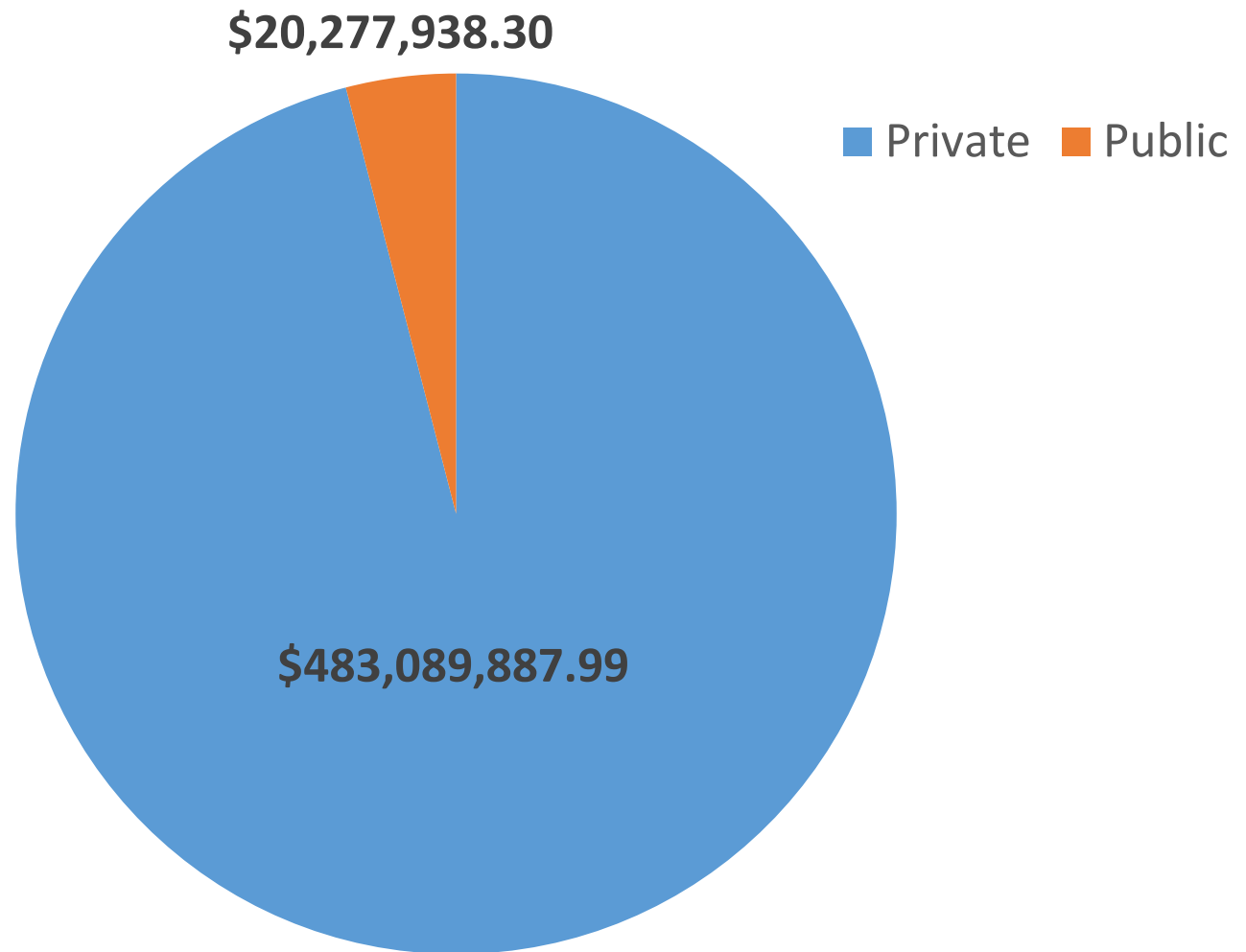




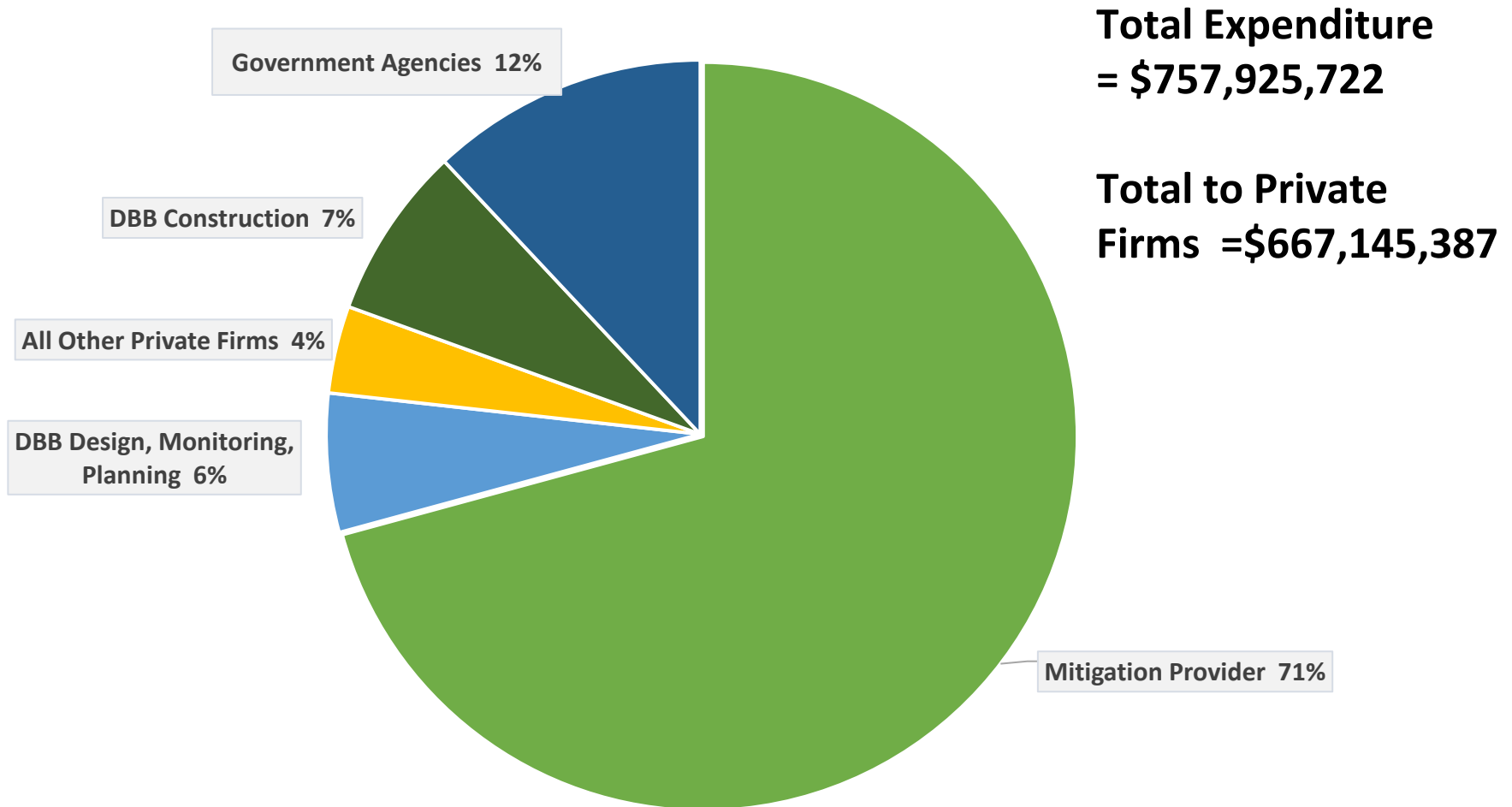
# Learning from work being accomplished



## Private Investment from NCDOT Restoration Account from 2003 to 2021



## Private Mitigation Investment – All DMS Programs (1997 to 2021)



# **Biennial Budget 2021/22 and 2022/23**



## Summary

Administration	\$ 5,522,620	7%
Restoration	\$ 73,443,439	89%
Long Term Management	\$ 2,600,000	3%
Planning Framework	\$ 1,320,244	1%
<b>Biennial Total</b>	<b>\$ 82,886,303</b>	

**Note: Biennial budget reflects operating requirements of Code of Federal Regulations as agreed with the USACE, Wilmington District**

**\$48,789,017 anticipated payments this biennium  
to fund 115 active projects**

**\$21,297,937 anticipated payments this biennium  
for new mitigation projects  
to support current STIP**



2374



15

# Any Questions?

Tim Baumgartner

Director

NC Division of Mitigation Services

Department of Environmental Quality

1652 Mail Service Center

Raleigh, NC 27699-1652

919-707-8543

<https://deq.nc.gov/about/divisions/mitigation-services>





North Carolina Department of Transportation  
Materials and Tests Unit – Product Evaluation Program  
Innovative Technologies and Products Awareness Report  
May 5<sup>th</sup>, 2021

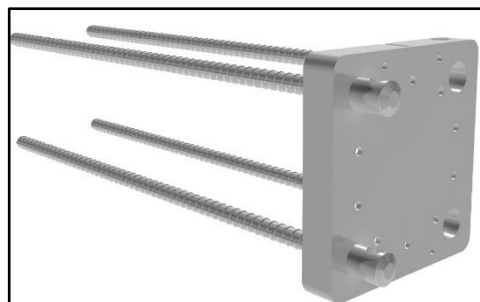


## PRODUCT HIGHLIGHT – EMECA 24-inch Splice



*Two concrete piles with an EMECA Splice on each end about to be joined in the field - image from EMECA/SPE USA Brochure*

The EMECA 24-inch Splice is manufactured by EMECA/SPE USA out of Laurel, Delaware. It is approved for provisional use and listed on the Approved Products List (APL) as NP21-8865. The EMECA 24-inch Splice is a 24-inch square steel splice that is used to join two pre-stressed concrete piles together for use in deep foundation systems. The EMECA 24-inch Splice is cast in-place with the pre-stressed concrete pile. This allows for shorter, and subsequently lighter, more maneuverable concrete pile lengths to be transported and used on site. The two concrete piles are then joined in the field, once the first pile is driven. The two pile end splices are joined together by four steel pins in as little as 3 minutes. The EMECA pile splices come in standard square 12", 14", 16", 18", and 24" sizes. Custom square and circular shapes are also available as well. For more information, please visit <https://www.emeca-speusa.com/>



*3-D image of EMECA Splice before it is cast in the concrete pile – image from EMECA/SPE USA Brochure*

## PRODUCT INNOVATION – Basalt Fiber Reinforced Polymer Rebar



*Various diameter samples of white BFRP rebar (left); sample of black BFRP rebar after tested to its tensile strength failure limit (right) – images from Pultrall website (left); and from Pultrall testing report (right)*

The Basalt Fiber Reinforced Polymer (BFRP) Reinforcement Bars (Rebar) are manufactured by Pultrall out of Thetford Mines in Québec, Canada. It is made from basalt fibers produced from natural basalt rock by Mafic USA, LLC (located in Shelby, NC). It is currently awaiting a field trial and listed on the APL as NP20-8819. BFRP rebars are a non-corrosive alternative material to steel for internal reinforcement of concrete structures. They are composed of longitudinally aligned basalt fibers embedded in a vinyl-ester resin matrix. They are corrosion resistant, have a 2-3 times higher tensile strength than steel, transparent to electro-magnetic fields, are non-conductive, and lightweight (approximately ¼ the weight of steel). For more information regarding technical specifications, testing, colors, and size options, please visit: [www.pultrall.com](http://www.pultrall.com)



*Grey/white BFRP rebar tied together prior to a concrete pour for a parking garage floor – image from Pultrall twitter account*



## **NORTH CAROLINA**

Department of Transportation



# Reopening Driver License Offices

Director Charlotte Boyd-Malette

May 5, 2021

# Agenda

- Impacts From COVID-19 & Countermeasures
- Strategy: Countering COVID-19 to Reopen DLOs
  - Re-institute the BEADLE Initiative
  - Online Appointment Strategy
  - Return to Regular Road Tests
  - Extended Hour Services: Saturdays
  - Extended Hour Services: Extended Weekday Hours
  - Other initiatives
- Calendar Timeline
- Summary

## Normal Operations Pre-COVID-19

- 114 DLOs Open
- Full DLO Services and On-site Testing
- Limited Online Services (renewal, duplicate DL & change of address)
- Extended Weekday Hour Operations at 25 DLOs
- Saturday Hour Operations at 13 Offices
- Mobile Solutions & Homebound Visits
- In-person Interpreter Testing

## Reduced Operations During COVID-19 Restrictions

- 60 of 114 DLOs Closed
- Discontinued Road Tests (except for CDL/Class A,B & Medical RTs)
- Limited In-office Capacity due to Social Distancing
- Limited Online Services (Renewal, Duplicate DL & Change of Address)
- Suspended Extended Weekday Hour Operation
- Suspended Saturday Hour Operations at 13 Offices
- Suspended Mobile Solutions & Homebound Visits
- Suspended In-person Interpreter testing



# COVID-19 Counter Measures

- Emplaced plexiglass dividers at examiner workstations
- Sanitize workstations between each customer service transaction
- Mandatory wear of face covering; gloves and face shields provided
- Promote regular hand washing with soap and water and/or appropriate hand sanitizer
- Practice social and physical distancing (minimum 6-foot rule where applicable).
- Conduct temperature checks prior to in-vehicle testing
- Make use of the DHHS Health COVID Screening Tool
- Promote and make vaccination available





# BEADLE



Volume (Demand)



Efficiency (Productivity)



Capacity (Supply)

- Increased Appointment Strategy (15 min to 20 min Timeslots)
- Online Booking (Online Appointment Solution or OAS)
- Enhanced Walk-in Opportunity (Wendell & Kinston Pilots)
- Communications Strategy for Predictability (media and in-office)
- Performance Management System
- Metrics and Targeted Performance
- Performance Review Process (DMV Scorecard)
- Process Improvements (document scanning; increased Facilitator tasks; announcements and improved customer reception and screening)
- Extended hours
- Saturday and Real ID Operations
- Adding Workstations in Select Offices
- Enhanced Examiner Relief Assignments



# Online Appointment Solution

Driver License - First Time	Driver License Duplicate	Driver License Renewal
Fees	ID Card	Knowledge / Computer Test
Legal Presence	Motorcycle Skills Test	Permits
Teen Driver Level 1	Teen Driver Level 2	Teen Driver Level 3

For additional questions or concerns, [send a message](#) or call the NCDMV Customer Contact Center at (919) 715-7000 from 8 a.m. until 5 p.m. weekdays.

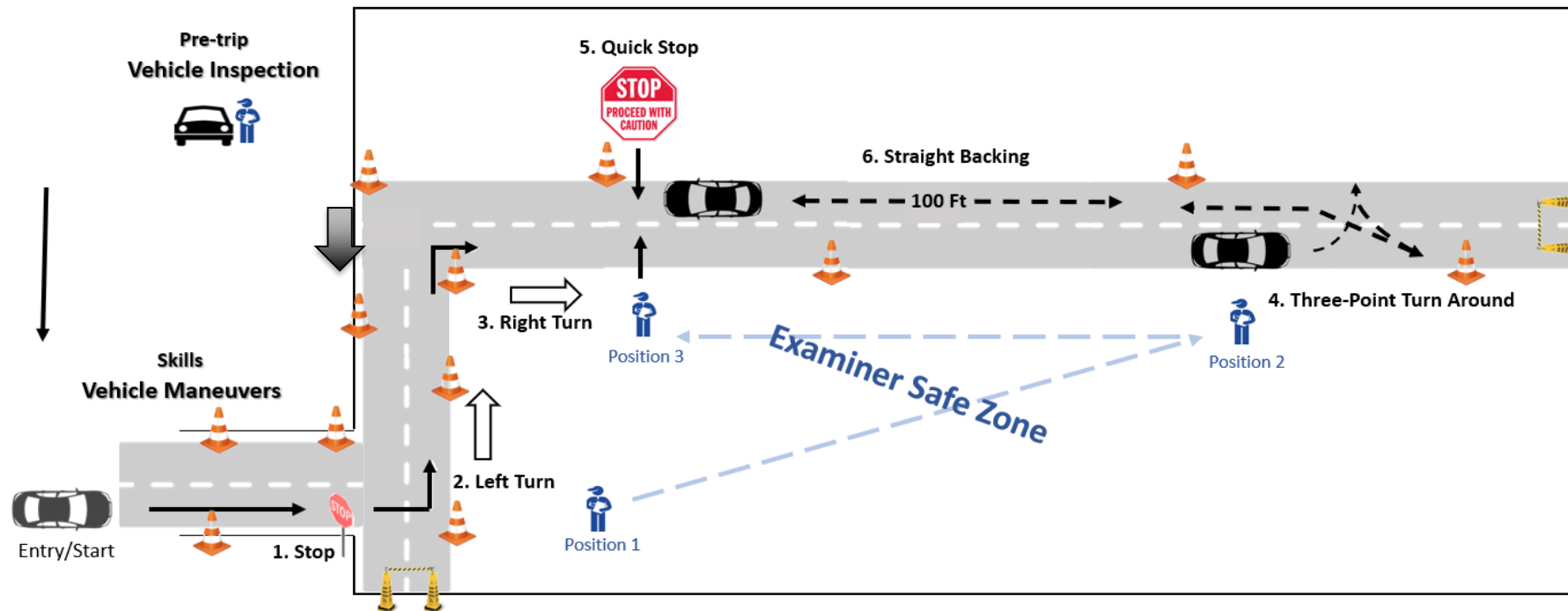
The Division implemented Online Appointment Scheduling in Phases. The Phase 1 Online Appointment Scheduling (with 20-minute time segments) was implemented on February 22, 2020 in select pilot locations. The public began scheduling online appointments on March 2, 2020. To date, Phase 1 proved extremely successful prior to and especially during the pandemic restrictions. This applications enabled the Division to better comply with CDC and DHHS guidance on social distancing.

As of March 2021, the Division replaced the 20-minute calendar templates with 15-minute time segments which increased capacity. In addition, we expanded the calendar availability range from 30 to 45 days out for booking appointments. In April 2020, DMV moved to expand walk-in capacity after the Governor relaxed COVID-19 restrictions. This also better prepares the Division with anticipation of increased demand for Real ID and Road Test application.

Phase 2 of OAS will provide some visual changes and upgrades that include Virtual Check in (VCI), an improved DLO location finder, a refined mass cancellation notification process, other visual improvements to office kiosks and calendars.

## Transition from Contactless (CRT) to Regular Road Tests

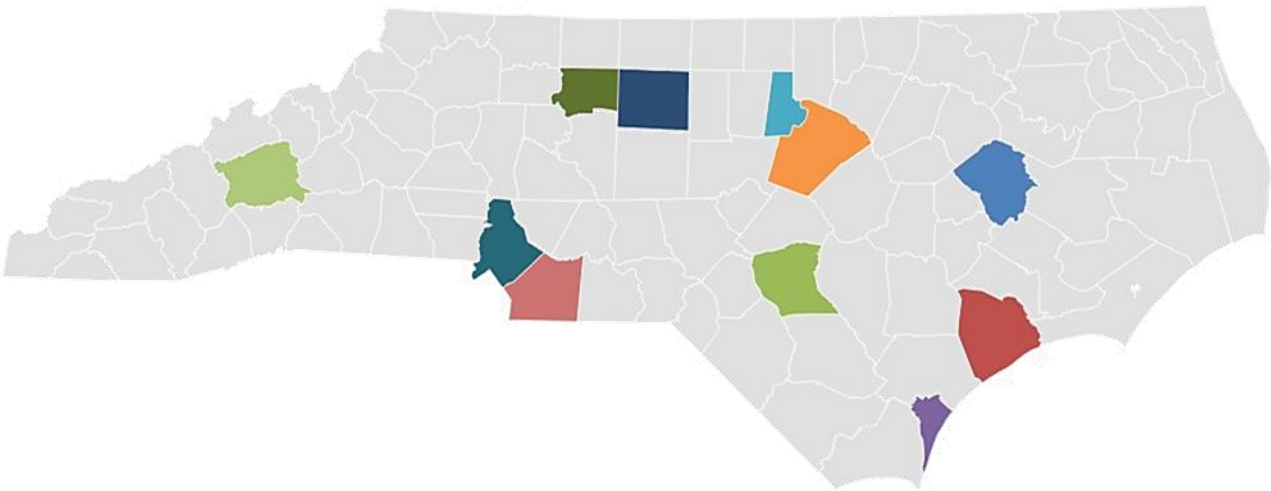
May 3, 2021

Pent-up Demand:

Approx. 5000 RTs awaiting in April 2021 with potential carry-over in May 2021

# Other Initiatives

- New and Relocated DLOs (5)
  - Greenville; New Bern; Asheville Express  
Thomasville; Raleigh East
- Outreach initiatives for essential workers:
  - Homeless; H2A Farmworkers; Commercial  
Drivers; First Responders
- Student Online Testing w/ DPI
- Legislative mandates
- Interpreter Assisted Testing :
  - Over the Phone Interpreters
  - Minimizes in-person translation



Office	County	Terminal	Legend
Greenville	Pitt County	11	Blue
Jacksonville	Onslow County	7	Red
Fayetteville West	Cumberland County	9	Green
Wilmington South	New Hanover County	6	Purple
Durham South	Durham County	7	Cyan
Raleigh North	Wake County	11	Orange
Greensboro West	Guilford County	12	Dark Blue
Greensboro East	Guilford County	7	Dark Blue
Winston-Salem North	Forsyth County	6	Dark Green
Winston-Salem South	Forsyth County	8	Dark Green
Charlotte North	Mecklenburg County	16	Teal
Charlotte South	Mecklenburg County	10	Teal
Huntersville	Mecklenburg County	12	Teal
Monroe	Union County	9	Red
Asheville	Buncombe County	12	Light Green

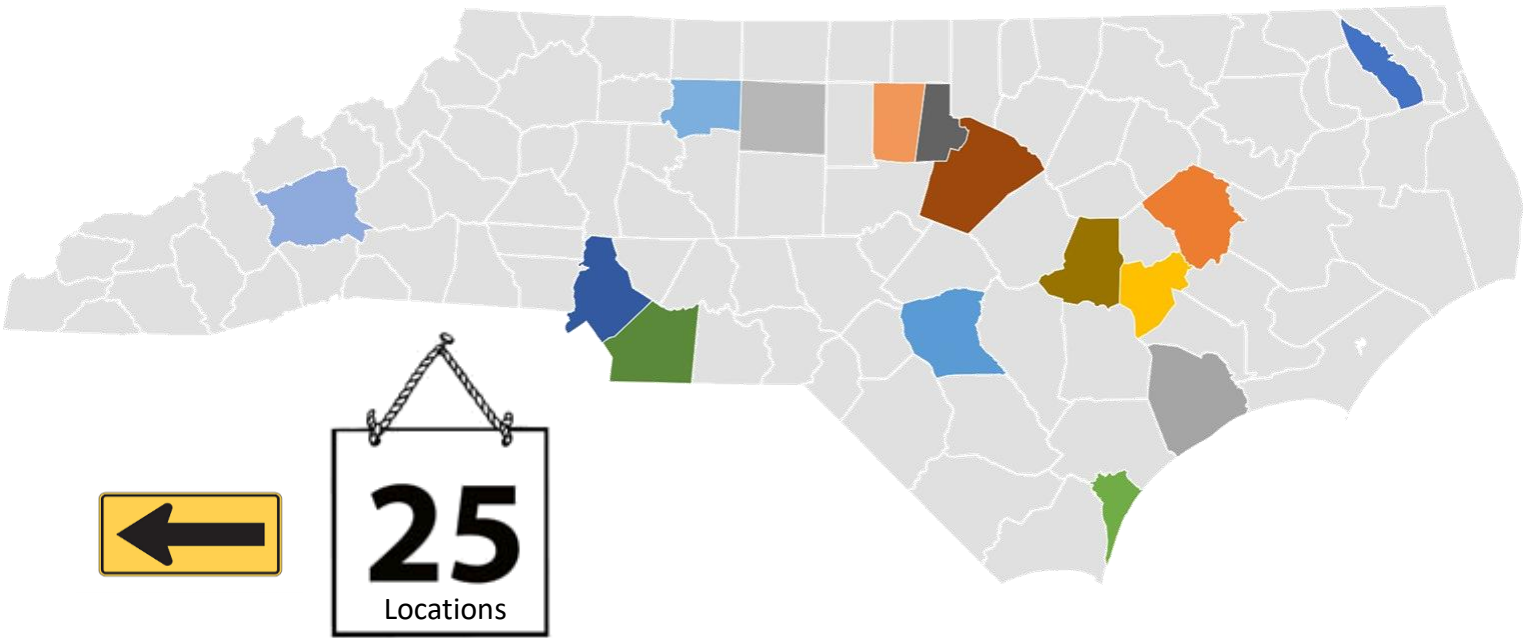


# Saturday Hours Operation





Office	County	Terminals	Legend
Elizabeth City	Pasquotank County	5	
Greenville	Pitt County	11	
Jacksonville	Onslow County	7	
Kinston	Lenoir County	5	
Fayetteville West	Cumberland County	9	
Wilmington North	New Hanover County	6	
Wilmington South	New Hanover County	6	
Cary	Wake County	8	
Durham South	Durham County	7	
Goldsboro	Wayne County	5	
Raleigh North	Wake County	11	
Raleigh West	Wake County	13	
Wendell	Wake County	4	
Carrboro	Orange County	5	
Greensboro East	Guilford County	7	
Greensboro West	Guilford County	12	
Winston-Salem North	Forsyth County	6	
Winston-Salem South	Forsyth County	8	
Charlotte East	Mecklenburg County	11	
Charlotte North	Mecklenburg County	16	
Charlotte South	Mecklenburg County	10	
Charlotte West	Mecklenburg County	11	
Huntersville	Mecklenburg County	12	
Monroe	Union County	9	
Asheville	Buncombe County	12	










# 7am Extended Weekday Hours Operation



# May 2021

**Full DL Services:** Duplicates, Renewals, Original  
"First-time" Drivers, Teen, Permits & ID Cards

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29	30 Discontinue CRT Services 	1
2	3  Resume In-vehicle Road Testing 	4	5	6	7	8
9	10	11	12	13	14  	15  Resume Saturday Hours 8am - 12pm
16	17  Start of Peak Season & Extended Hour Services (7am - 5pm Offices)	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

# Summary







## **NORTH CAROLINA**

Department of Transportation



# 2019-2023 Division of Motor Vehicles Strategic Plan

Steven E. Hairston, Ph.D., Director of Strategy, Research and Planning

May 5, 2021

## 2019-2023 Strategic Plan Overview

- **Mission**

North Carolina Division of Motor Vehicles facilitates safe mobility and access to opportunities that enhance the lives of the people who live, visit and conduct business in North Carolina.

- **Vision**

Employee-powered national leaders of safe driving and safe vehicles.

- **Values**

- ✓ Safety
- ✓ Customer Service
- ✓ Quality
- ✓ Integrity
- ✓ Innovation
- ✓ Accountability
- ✓ Teamwork
- ✓ Diversity

## 2019-2023 Strategic Plan Goals

### Four Goal Areas

- **Goal 1: Customer Service**

Create a positive customer experience through professional communication, education and consistent application of the law.

- **Goal 2: Employee Investment**

Invest in employee growth and success.

- **Goal 3: Stakeholder Relationships**

Build positive stakeholder relationships to increase knowledge, understanding and credibility of the Division.

- **Goal 4: Organizational Excellence**

Embrace a model of continuous process improvement based on data-driven decisions and modern management practices.

## 2019-2023 Strategic Plan Objectives and Tasks

Each Goal Area (4) has Objectives (18) and Tasks (60/22 completed)

- Goal 1 Customer Service-**Three Objectives**  
9 Tasks/2 Completed
- Goal 2 Employee Investment-**Six Objectives**  
23 Tasks/11 Completed
- Goal 3 Stakeholder Relationships-**Three Objectives**  
7 Tasks/5 Completed
- Goal 4 Organizational Excellence-**Six Objectives**  
21 Tasks/4 Completed

## 2019-2023 Strategic Plan – Completed Tasks 2019-2021

<b>Task 1.2.2 Implement opportunities for customers to complete transactions at alternative locations</b>	<b>2.5.3 Evaluate attrition with use of an exit survey tool for all staff leaving the division</b>	<b>3.2.2 Create an electronic database of the Division's reports</b>
Task 1.3.1 Implement BEADLE initiative scorecards at all drivers license offices by June 30, 2021	2.5.4 Obtain 30% response rate on all exit survey tools-rate is 95%	3.2.3 Develop, utilize and document quality management procedures to validate the accuracy of information provided to internal and external stakeholders
Task 2.2.1 Develop an internal communications plan	2.6.1 Create an employee safety committee	4.1.1 Operationalize DMV move planning tasks weekly for discussion and decision-making
Task 2.2.4 Conduct at least 2 Town Hall Meetings per year with HQ staff	2.6.2 Conduct monthly employee safety briefings	4.1.2 Implement monthly communication to update DMV staff on the relocation of DMV HQ
Task 2.2.5 Create and distribute podcast for staff	2.6.3 Evaluate and update (as needed) employee safety plan	4.1.3 Develop and implement a human resource strategy to minimize attrition
Task 2.2.6 Create and distribute newsletter/other communications for staff	3.1.1 Create an external communications plan	4.3.1 Implement an electronic DMV policy structure for indexing storage and access
2.3.1 Implement employee recognition program	3.1.3 Develop a communication and engagement strategy for internal and external stakeholders so citizens are prepared to do business with DMV	
2.3.3 Appoint a diverse employee engagement committee	3.2.1 Develop a standardized process for external stakeholders to request information from the Division	

## Strategic Plan Implementation

- The strategic plan will be operationalized by the various sections of DMV.
- Each Goal Area has a senior level leader.
- Each Task has a leader or team responsible for implementation (meeting measures and milestones).
- Allowing for accountability and transparency a framework will be employed to support task leaders.
- Support is provided by an Implementation Team (I-Team) consisting of staff from Strategy, Research and Planning.
- I-Team will provide strategic support, guidance, and assist with reporting outcomes and milestones.
- Provide leadership with a monthly report to division leadership and quarterly report on status and progress.
- **WHAT GETS REPORTED GETS DONE!**





## **NORTH CAROLINA** Department of Transportation



# Severe Weather Preparedness and Financial Recovery

Emily McGraw, PE, CPM

May 5, 2021– BOT Highway Committee

## *Types of Severe Weather in North Carolina*

### *Hurricanes*

# 'Average' Atlantic Hurricane Season

**\* Effective 2021**

**1981-2010**

**12 Named Storms  
6 Hurricanes  
3 Major Hurricanes**



**1991-2020**

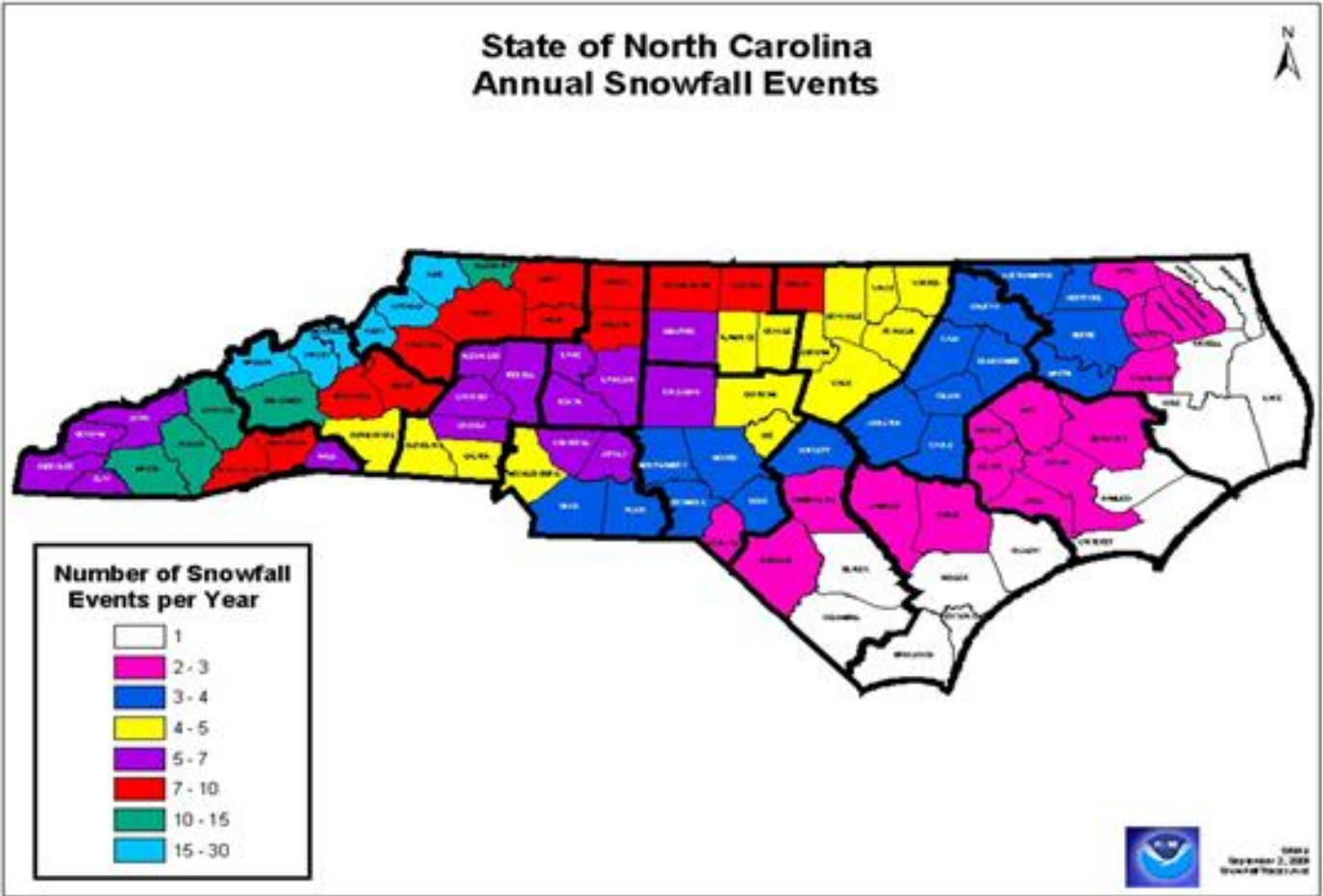
**14 Named Storms  
7 Hurricanes  
3 Major Hurricanes**

\* Numbers for an average season reflect the climate record for tropical storms and hurricanes and use the most recent 3 decades as the period of reference. More at: <http://bit.ly/NOAAHurricaneSeasonAverages>





*Types of Severe Weather in North Carolina*  
*Snow and Ice*



*Types of Severe Weather in North Carolina*  
*Tornadoes*





## *Types of Severe Weather in North Carolina*

### *Heavy Rains – Mudslides & Rockslides*



## *NCDOT Disaster Preparedness*



2400

- Training
- Communication
- Activation



## *Training*

- Disaster Refreshers – Fiscal Recovery Training
- FEMA & FHWA Documentation Training
- Annual Snow and Ice Training
- Intra-agency Exercises
- “Dry Run”
- Tabletop Exercises
- Lessons Learned



## *Communication*

- Internal Cross Division Communication
- Communication with other State Agencies, Local Government, National Weather Service
- Activation of State Emergency Response Team (SERT)





Internal Communication Tools

BROWSEPAGEPUBLISH

Joshua L. Kellen

Connect NCDOT  
BUSINESS PARTNER RESOURCES

HomeHelpTeam SitesSite Map

Doing BusinessBidding & LettingProjectsResourcesMunicipalities

Search...

NCDOT Disaster Event Reporting

Winter Weather Events

- Statewide Winter Weather Summary
- Add/Update Anti-Icing Operations
- Add/Update De-Icing Operations
- Salt Quantity by County
- Add Winter Weather Event

Severe Weather Event

- Statewide Severe Weather Summary
- Add/Update Pre-Storm Preparations
- Add/Update Post-Storm Operations
- Mobile Pre-Storm Prep
- Mobile Post-Storm Ops

Traveler Information Management System

- TIMS

NCDOT Disaster Reporting Tutorial

- Reporting Tutorial

NCDOT Disaster Event Reporting > Active Events

Connect NCDOT > NCDOT Disaster Event Reporting

STORM STATUS

Severe Weather Event Number of Active Counties

Pre-Storm Preparations0 Active Counties

Post-Storm Operations0 Active Counties


Winter Weather Event Number of Active Counties

Anti-Icing Operations0 Active Counties

De-Icing Operations0 Active Counties

Contacts

Name	Work No.	Cell	Address
Josh Kellen	919-733-3725		Beryl Drive, Raleigh

Regional Weather

Central NC Weather

North Eastern NC Weather

South Eastern NC Weather

North Western NC Weather

South Western NC Weather

2403

9

Internal Communication Tools

Connect NCDOT  
BUSINESS PARTNER RESOURCES

HomeHelpTeam SitesSite Map

Doing BusinessBidding & LettingProjectsResourcesMunicipalities

Search...

NCDOT Disaster Event Reporting > Anti-Icing Operations Archive

Connect NCDOT > NCDOT Disaster Event Reporting

NCDOT Disaster Event Reporting

Winter Weather Events

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- Add/Update Post-Storm Operations
- Mobile Pre-Storm Prep
- Mobile Post-Storm Ops

Traveler Information Management System

- TIMS

NCDOT Disaster Reporting Tutorial

- Reporting Tutorial
- Archive

Recent

- Crew Transfer Event
- Divisions
- Crew-Transfer

+ new item or edit this list

All ItemsUngroupedYear 2016Find an item

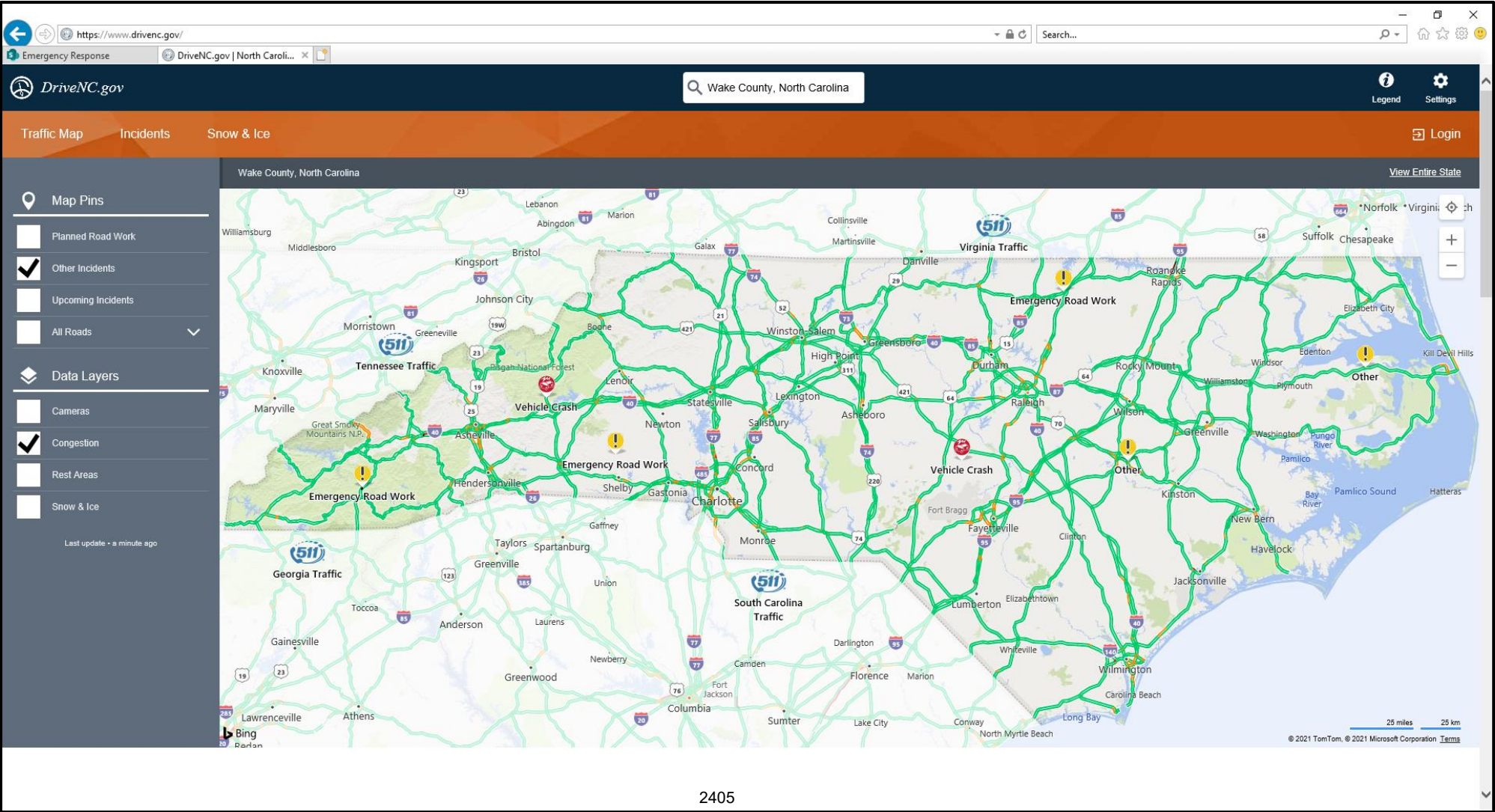
Quick View	County	Div	BeginDate	EndDate	#Emplys	#TrucksOperating	#ContractTrucksOperating	TotalBrineCapacityGAL	GallonsBrinePlaced	Comments
					Sum= 2,977	Sum= 1,185	Sum= 4,047	Sum= 3,987,500	Sum= 4,783,525	
Brine Ops	...									
	Cabarrus	10	2/14/2016	2/14/2016	19	7		70,000	31,000	Crew will begin Brine Operations by noon & work as long as temps permit
Quick View	...									
	Iredell	12	1/16/2016	1/17/2016	15	6	0	25,000	12,000	Placing Brine on interstates and ramps only at this time. Crews will be on standby throughout event if needed.
Quick View	...	Wake	05	1/19/2016	1/21/2016	30	20		50,000	160,000
Quick View	...									
	Alamance	07	1/20/2016	1/20/2016	7	4	0	16,000	20,000	We will begin brine operations between 6am and 10am January 20th
Quick View	...	Franklin	05	1/19/2016	1/21/2016	27	6	0	20,000	46,400
Quick View	...	Granville	05	1/19/2016	1/19/2016	40			20,000	24,000
Quick View	...	Person	05	1/20/2016	1/20/2016	5	2	0	15,000	15,000
Quick View	...	Rockingham	07	1/19/2016	1/20/2016	17	6	0	15,000	28,500
Quick View	...	Cumberland	06	1/19/2016	1/21/2016	20	8		20,000	74,300
Quick View	...	Davidson	09	1/20/2016	1/20/2016	14	10	0	45,000	42,000

2404

10



External Communication Tools




Comprehensive Storm Website

Emergency Response

SharePoint

NC Department of Transportation · Aviation · Divisions – Aerial Imagery · Hydraulics · My Planner Hub · Teams, Office & SharePoint Help




NC Department of Transportation  
1 S Wilmington St, Raleigh, NC 27601

Not following

Search across sites

Send to






Emergency Response

County Disaster Reporting [Connect NCDOT]

DriveNC.gov Incidents & Road Closures

Closed DMV Offices

Recent Weather Events

	Title	Modified	Modified By
	Nov 11 Rain	Nov 13, 2020	Buttry, Kimberly S
	Isaias Emergency Response	Aug 10, 2020	Lauffer, Matthew S
	NCDOT - Hurricane Dorian Emergency Response	Sep 9, 2019	Wells, Kelly

NWS Wilmington

Twitter no longer supports the Internet Explorer 11 browser. For this web part to work properly, use a browser supported by Twitter.

NWS Raleigh

Twitter no longer supports the Internet Explorer 11 browser. For this web part to work properly, use a browser supported by Twitter.



## *Activation - NCDOT Preparations*

- Frequent Communication with Field Staff
- Field prepared their equipment and personnel
- Reviewed Emergency Operations Procedures



## *Activation - During a Storm*

Communication with other  
State Agencies and Local  
Government

Activation of State Emergency  
Response Team (SERT)



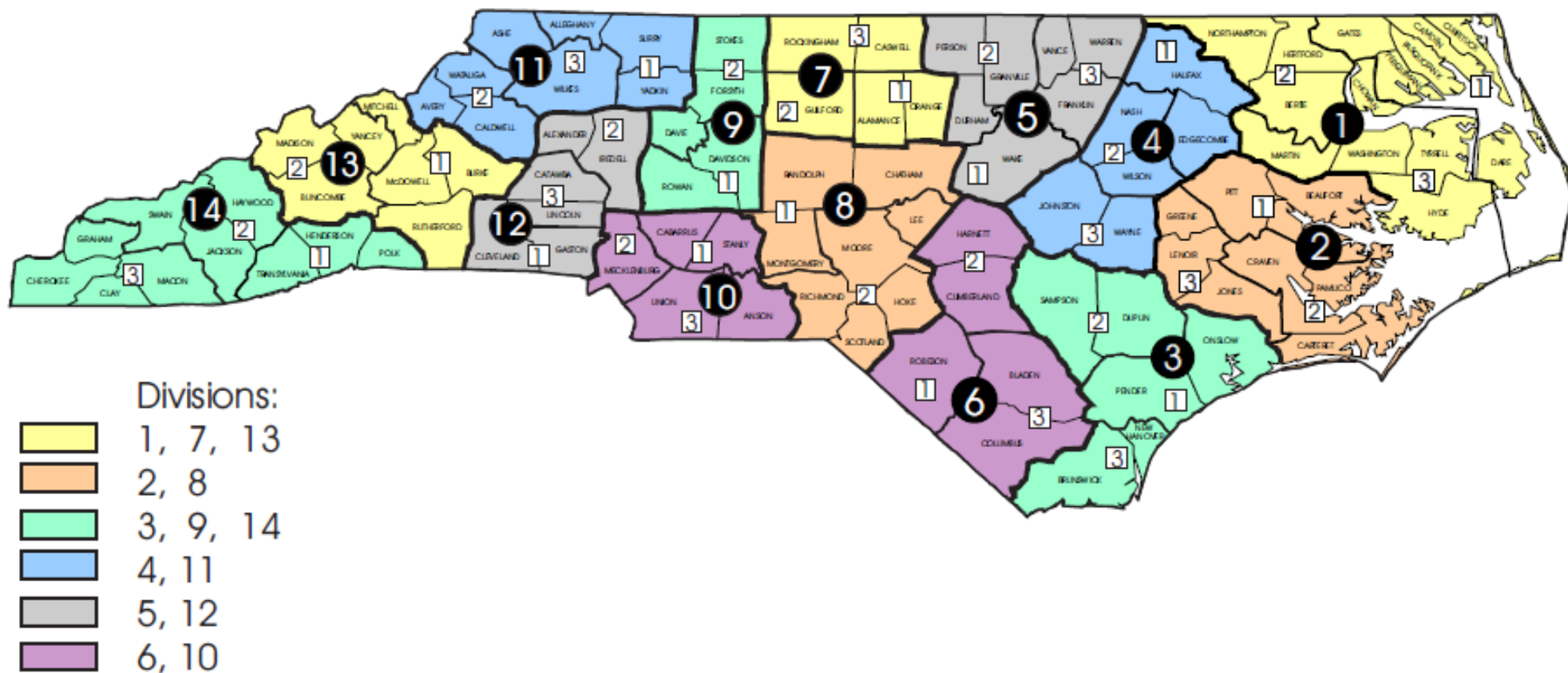


## *Activation - Response*



- Division Resources
- Sister Division Resources
- Contract Resources
- PEF Assistance

# NCDOT Sister Divisions



## *Activation – Shifting Resources*





*Activation - Recovery*



2412



## *Financial Recovery*

- Federal Agencies
- Reimbursement Process
- Documentation Required
- Tool – Survey 123
- Submittals for Reimbursement
- Open Storms

# *Federal Agencies*



- Provides reimbursement for damages to Federal Aid routes, typically US, NC, and Interstate routes.
- ~\$700,000 DOT Statewide Declaration Threshold for Emergency Reimbursement Eligibility
- \$5,000 Minimum project threshold
- Eligible Work:
  - Emergency Repairs (First 180 Days)
    - (100% reimbursement)
  - Permanent Repairs
    - (90% reimbursement on Interstates)
    - (80% reimbursement on other Federal Aid routes)





# *Federal Agencies*

## FEMA

- Provides reimbursement for damages to state maintained secondary routes.
- ~ \$14.7M Statewide Declaration Threshold for Reimbursement Eligibility
- \$3,300 Minimum project threshold
- Eligible Work:
  - Cat A – Debris Removal
    - (~80% reimbursement)
  - Cat B – Emergency Protective Measures
    - (75% reimbursement)
  - Cat C – Roads/Bridges
    - (75% reimbursement)
  - Cat E – Buildings/Equipment
    - (75% reimbursement)





\* Timeframes are from when the event occurs.



22

# Documentation Required



## FEMA



U.S. Department of Transportation  
**Federal Highway  
Administration**

- Damage Description:  
Including Dimensions
- Scope of Work
- Pictures
- Engineer's Estimate
- Environmental Permits
- Hydraulic Recommendations
- GPS Coordinates
- Location Map
- Timesheets
- Equipment Logs
- Material Receipts/Purchase Orders
- Contracts
- Etc.





# Financial Recovery Tool: Survey123

Survey123 for ArcGIS ▾ My Surveys Help  Josh ▾

Hurricane Dorian Site Specific

OverviewDesignCollaborateAnalyzeDataSettings

6

**Division\***  
What Division is the site located in?

-Please Select-

7

**County\***  
What County is the site located in?

-Please Select-

8

**Type of Route\***  
What type of Route is the damage located on?

-Please Select-

Add

Edit

Appearance

Settings

Singleline Text

Multiline Text

Single Choice

Single Choice Grid

Multiple Choice

Dropdown

Rating

Likert

Number

Date

Time

Date/Time

Image

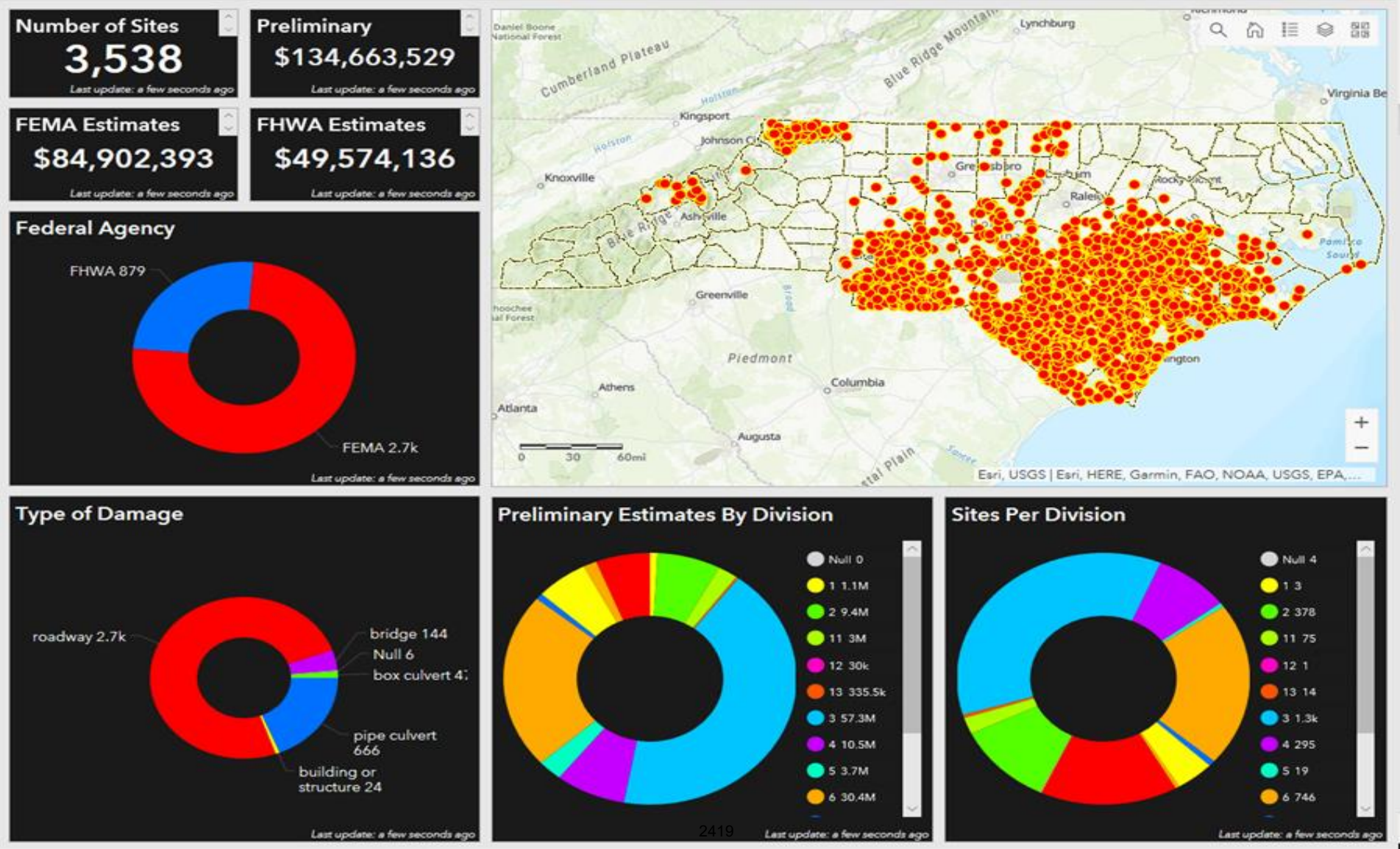
File Upload

Saved

Preview

Publish

Tool Applications





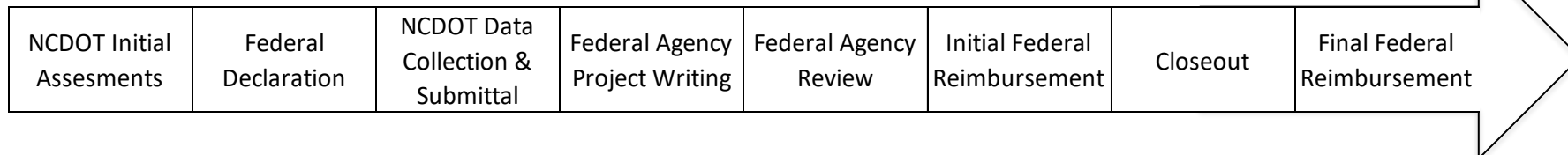
# Open Storms

Event	FHWA and FEMA Totals					
	Total Expenditures to Date* <sup>(1)</sup>	Eligible Expenditures to Date <sup>(2)</sup>	Eligible Expenditures Submitted for Reimbursement <sup>(3)</sup>	Remaining Eligible Expenditures (Pending Submittal) <sup>(4)</sup>	Anticipated Reimbursement <sup>(5)</sup>	Reimbursement Received to Date*
2021 February 17 Winter Storm	\$ 457,234	\$ -	\$ -	\$ -	\$ -	\$ -
2021 February 15 Severe Weather	\$ 61,434	\$ -	\$ -	\$ -	\$ -	\$ -
2021 February 12 Ice Event	\$ 871,528	\$ -	\$ -	\$ -	\$ -	\$ -
2020 TS Eta (Nov 11 Rains)	\$ 5,402,553	\$ -	\$ -	\$ -	\$ -	\$ -
2020 Hurricane Zeta	\$ 5,167,634	\$ -	\$ -	\$ -	\$ -	\$ -
2020 September 17 Severe Weather	\$ 2,245,468	\$ -	\$ -	\$ -	\$ -	\$ -
2020 August 31 Rains	\$ 3,428,839	\$ -	\$ -	\$ -	\$ -	\$ -
2020 August 9 Earthquake	\$ 34,639	\$ -	\$ -	\$ -	\$ -	\$ -
2020 TS Isaias	\$ 4,312,583	\$ 2,959,911	\$ 1,924,112	\$ 1,035,799	\$ 2,219,933	\$ -
2020 June 17 Rains	\$ 958,637	\$ -	\$ -	\$ -	\$ -	\$ -
2020 May 19 Rains	\$ 2,546,886	\$ -	\$ -	\$ -	\$ -	\$ -
2020 TS Bertha	\$ 884,874	\$ -	\$ -	\$ -	\$ -	\$ -
2020 April 13 Severe Weather	\$ 2,229,282	\$ -	\$ -	\$ -	\$ -	\$ -
2020 COVID-19	\$ 1,221,515	\$ 158,531	\$ 129,864	\$ 43,288	\$ 129,864	\$ -
2020 February 6 Rains	\$ 15,526,299	\$ 14,390,721	\$ 11,024,197	\$ 3,366,524	\$ 10,902,094	\$ (693,914)
2019 Nov Coastal Storm	\$ 2,189,391	\$ -	\$ -	\$ -	\$ -	\$ -
2019 Hurricane Dorian	\$ 22,389,579	\$ 19,252,739	\$ 5,091,247	\$ 10,996,561	\$ 12,599,491	\$ (3,254,190)
2019 June Rains	\$ 13,500,868	\$ 2,387,078	\$ 592,487	\$ 1,794,591	\$ 1,909,663	\$ (1,064,010)
2019 February Rains	\$ 30,018,140	\$ 20,570,213	\$ 6,779,765	\$ 13,790,447	\$ 16,456,170	\$ (5,322,101)
2018 Hurricane Michael	\$ 17,139,483	\$ 11,823,777	\$ 10,540,793	\$ 1,164,344	\$ 8,940,941	\$ (7,225,452)
2018 Hurricane Florence	\$ 237,591,459	\$ 215,704,660	\$ 144,906,693	\$ 57,676,225	\$ 165,346,770	\$ (97,676,815)
2018 TS Alberto	\$ 25,579,022	\$ 10,064,012	\$ 7,180,395	\$ 2,883,618	\$ 8,051,210	\$ (7,926,710)
2016 Hurricane Matthew	\$ 203,078,173	\$ 189,143,527	\$ 167,660,503	\$ -	\$ 130,865,158	\$ (112,768,481)
<b>Total</b>	<b>\$ 596,835,521</b>	<b>\$ 486,455,168</b>	<b>\$ 355,830,058</b>	<b>\$ 92,751,396</b>	<b>\$ 357,421,293</b>	<b>\$ (235,931,674)</b>
		FHWA Declaration Only				
		FEMA Declaration Only				
		FEMA & FHWA Declaration				
		No Federal Declaration				

## *FHWA Open Storms*

Event	FHWA (Reimbursement Rate for Eligible Expenditures = 80%)					
	Total Expenditures to Date* <sup>(1)</sup>	Eligible Expenditures to Date <sup>(2)</sup>	Eligible Expenditures Submitted for Reimbursement <sup>(3)</sup>	Remaining Eligible Expenditures (Pending Submittal) <sup>(4)</sup>	Anticipated Reimbursement <sup>(5)</sup>	Reimbursement Applied to Date*
<b>2020 February 6 Rains</b>	\$ 2,350,342	\$ 2,181,057	\$ 2,105,124	\$ 75,933	\$ 1,744,845	\$ (693,914)
<b>2019 Hurricane Dorian</b>	\$ 11,663,654	\$ 10,672,687	\$ 659,567	\$ 10,013,120	\$ 8,538,150	\$ (1,514,386)
<b>2019 June Rains</b>	\$ 2,521,517	\$ 2,387,078	\$ 592,487	\$ 1,794,591	\$ 1,909,663	\$ (1,064,010)
<b>2019 February Rains</b>	\$ 21,685,227	\$ 20,570,213	\$ 6,779,765	\$ 13,790,447	\$ 16,456,170	\$ (5,322,101)
<b>2018 Hurricane Michael</b>	\$ 3,470,950	\$ 3,241,770	\$ 2,077,426	\$ 1,164,344	\$ 2,593,416	\$ (1,826,355)
<b>2018 Hurricane Florence</b>	\$ 77,498,908	\$ 71,365,493	\$ 22,810,274	\$ 48,555,219	\$ 57,092,395	\$ (36,064,264)
<b>2018 TS Alberto</b>	\$ 10,407,619	\$ 10,064,012	\$ 7,180,395	\$ 2,883,618	\$ 8,051,210	\$ (7,926,710)
<b>2016 Hurricane Matthew</b>	\$ 59,783,058	\$ 56,261,326	\$ 56,261,326	\$ -	\$ 47,315,775	\$ (47,285,255)
<b>Total</b>	<b>\$ 189,381,274</b>	<b>\$ 176,743,636</b>	<b>\$ 98,466,363</b>	<b>\$ 78,277,273</b>	<b>\$ 143,701,623</b>	<b>\$ (101,696,995)</b>

### Reimbursement Process Status



# FEMA Open Storms

Event	FEMA (Reimbursement Rate for Eligible Expenditures = 75%)					
	Total Expenditures to Date* <sup>(1)</sup>	Eligible Expenditures to Date <sup>(2)</sup>	Eligible Expenditures Submitted for Reimbursement <sup>(3)</sup>	Remaining Eligible Expenditures (Pending Submittal) <sup>(4)</sup>	Anticipated Reimbursement <sup>(5)</sup>	Reimbursement Received to Date*
<b>2020 TS Eta (Nov 11 Rains)</b>	\$ 4,497,726	\$ -	\$ -	\$ -	\$ -	\$ -
<b>2020 TS Isaias</b>	\$ 3,811,233	\$ 2,959,911	\$ 1,924,112	\$ 1,035,799	\$ 2,219,933	\$ -
<b>2020 COVID-19</b>	\$ 1,221,515	\$ 158,531	\$ 129,864	\$ 43,288	\$ 129,864	\$ -
<b>2020 February 6 Rains</b>	\$ 13,175,957	\$ 12,209,664	\$ 8,919,074	\$ 3,290,591	\$ 9,157,248	\$ -
<b>2019 Hurricane Dorian</b>	\$ 10,725,926	\$ 8,580,051	\$ 4,431,680	\$ 983,441	\$ 4,061,341	\$ (1,739,804)
<b>2018 Hurricane Michael</b>	\$ 13,668,533	\$ 8,582,008	\$ 8,463,367	\$ -	\$ 6,347,526	\$ (5,399,097)
<b>2018 Hurricane Florence</b>	\$ 160,092,552	\$ 144,339,167	\$ 122,096,419	\$ 9,121,005	\$ 108,254,375	\$ (61,612,551)
<b>2016 Hurricane Matthew</b>	\$ 143,295,115	\$ 132,882,201	\$ 111,399,177	\$ -	\$ 83,549,383	\$ (65,483,226)
<b>Total</b>	<b>\$ 350,488,557</b>	<b>\$ 309,711,532</b>	<b>\$ 257,363,694</b>	<b>\$ 14,474,123</b>	<b>\$ 213,719,670</b>	<b>\$ (134,234,679)</b>

## Reimbursement Process Status

NCDOT Initial Assessments	Federal Declaration	NCDOT Data Collection & Submittal	Federal Agency Project Writing	Federal Agency Review	Initial Federal Reimbursement	Closeout	Final Federal Reimbursement
---------------------------	---------------------	-----------------------------------	--------------------------------	-----------------------	-------------------------------	----------	-----------------------------

## *Snow & Ice*



- 6 Events in FY 2021
- \$44 M to Date in Expenditures in FY 2021
- ~2.36 M Gallons of Brine placed
- ~67,400 Tons of Salt placed



2423



# *Questions?*



2424

Emily McGraw, PE  
State Maintenance Engineer  
Maintenance Operations and Fleet  
Management

[emcgraw@ncdot.gov](mailto:emcgraw@ncdot.gov)

(919)835-8445



## **NORTH CAROLINA** Department of Transportation



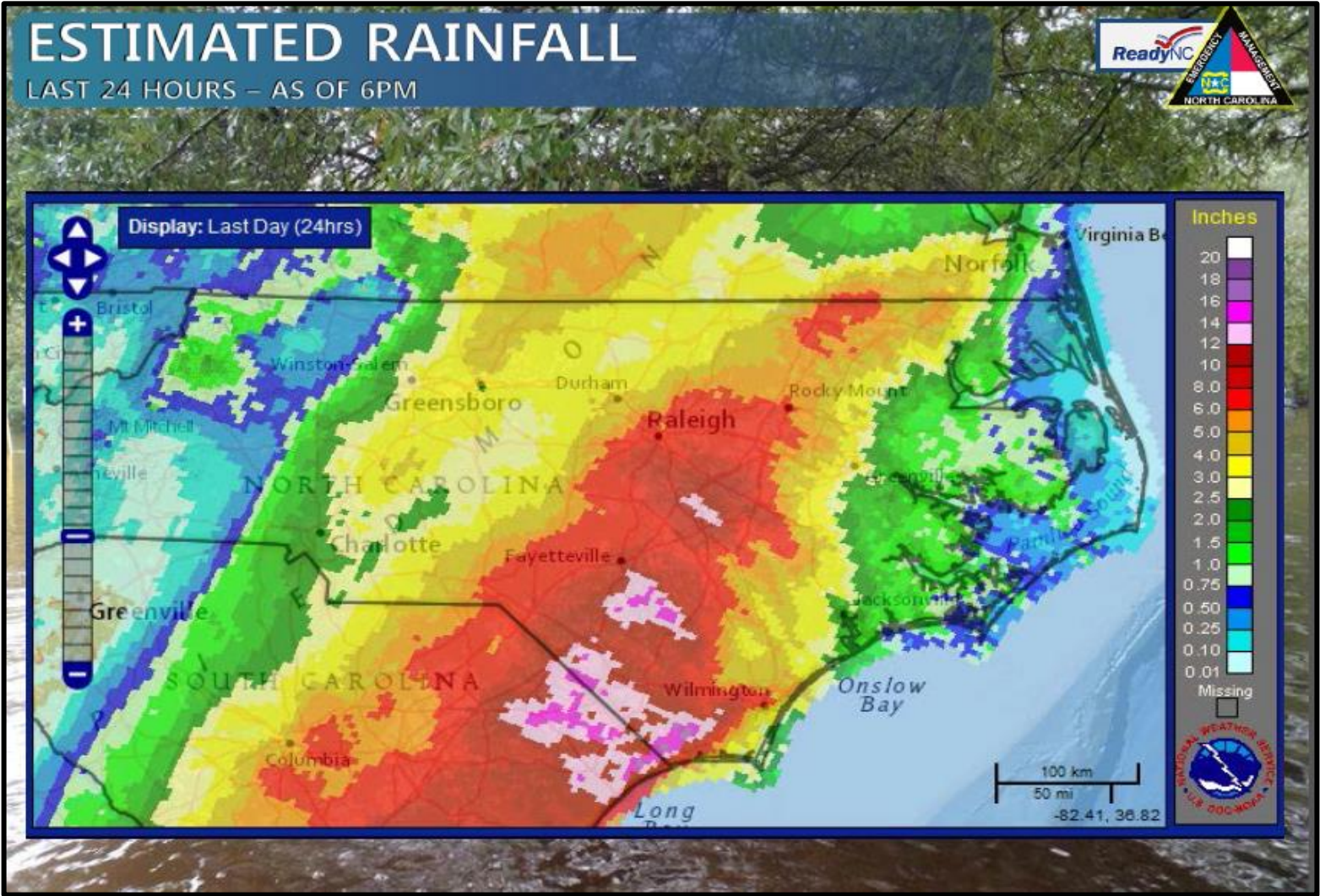
# Severe Weather Recovery with Survey123

Joshua Kellen, PE

May 5, 2021 – BOT Highways Committee



*Hurricane Matthew (October 2016)*





## *Response and Recovery – Matthew Damaged Sites*



- Over 1,760 Incidents
- Over 2000 Identified FEMA Sites
- Over 700 Identified FHWA Sites
- Price tag of ~\$200 million



## Financial Recovery



FEMA



- Damage Description:  
Including Dimensions
- Scope of Work
- Pictures
- Engineer's Estimate
- Environmental Permits
- Hydraulic Recommendations
- GPS Coordinates
- Location Map
- Timesheets
- Equipment Logs
- Material Receipts/Purchase Orders
- Contracts
- Etc.



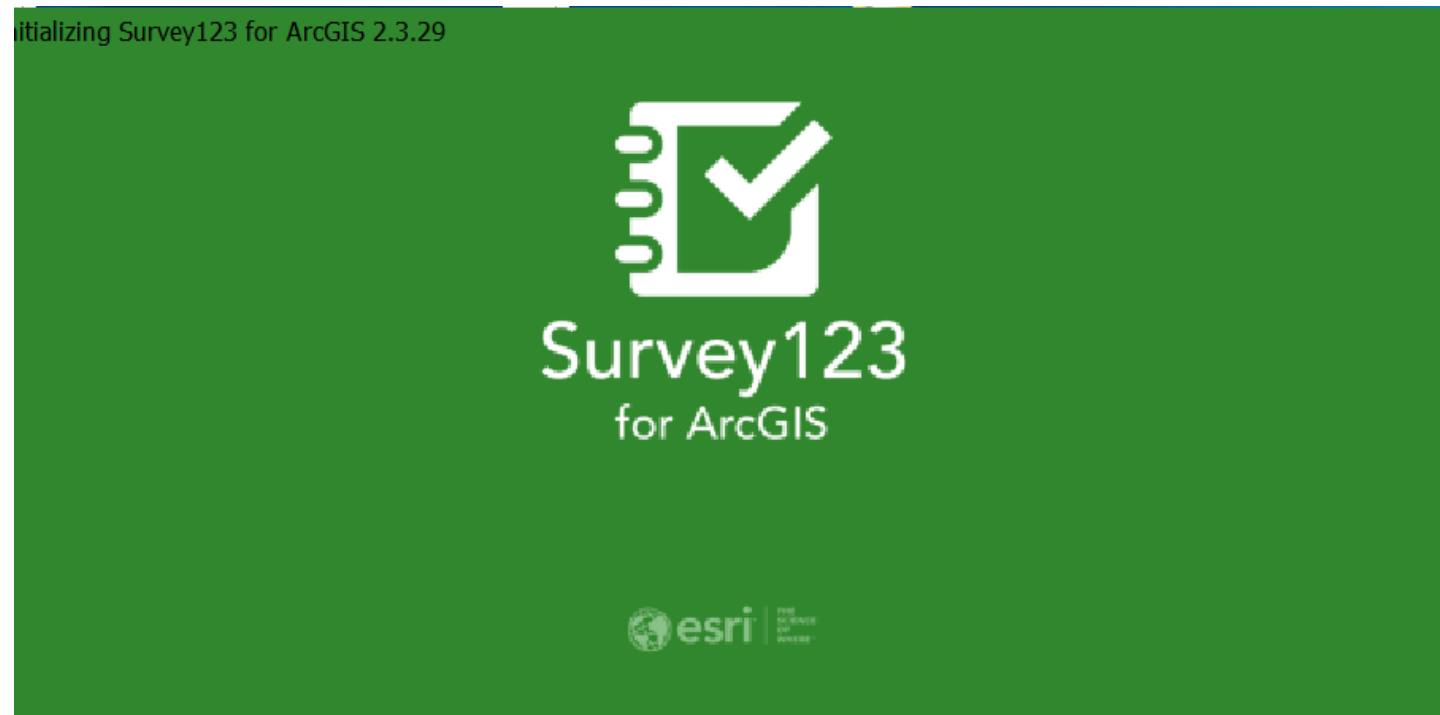
U.S. Department of Transportation  
**Federal Highway  
Administration**





## *Financial Recovery: Technology*

### *ASSIST: Application for Site-Specific Information Storage and Tracking*



Financial Recovery: Technology

Survey123 for ArcGIS

My Surveys

Help

Josh

Hurricane Dorian Site Specific

OverviewDesignCollaborateAnalyzeDataSettings

6

Division\*

What Division is the site located in?

-Please Select-

7

County\*

What County is the site located in?

-Please Select-

8

Type of Route\*

What type of Route is the damage located on?

-Please Select-

+

Add

Singleline Text

Single Choice

Multiple Choice

Rating

Number

Time

Image

Multiline Text

Single Choice Grid

Dropdown

Likert

Date

Date/Time

File Upload

Saved

Preview

Publish

Financial Recovery: Technology

ASSIST

Application for Site Specific Information Storage and Tracking

Date of Inspection \*

Enter the date that the damage occurred

Monday, March 1

Name of Damage \*

Provide your first and last name

Phone Number \*

Provide your phone number

Site Number \*

Provide a site number

Division \*

What Division is the site in?

County \*

Route Number \*

What is the Route Number?

Type of Site Damage \*

Select what best describes the damage

☐ roadway

☐ bridge

☐ box culvert

☒ pipe culvert

☐ building or structure

Headwalls \*

Does the culvert have headwalls?

☐ Yes

☐ No

Type of Pipe Damage \*

☐ RCP\_reinforced concrete

☐ CMP\_corrugated metal

☐ HDPE\_high density polyethylene

Pavement Damage \*

Is there any pavement damage?

☐ Yes

☐ No

Roadbed Damage \*

(Soil directly below the pavement)

☐ Yes

☐ No

Shoulder/Embankment Damage \*

(Soil other than roadbed)

☐ Yes

☐ No

Notes

Provide any important comments

Signs and Guardrail \*

Are there any signs or guardrail damaged at this site?

☐ Yes

☐ No

Utilities \*

Are there any utilities that are damaged or affected at this site?

☐ Yes

☐ No

Damage Photo 1 \*

Provide an image of the overall damage to the site.

Damage Photo 2 \*

Provide a second image of the overall damage to the site.

Optional Photos \*

Do you have more photos to upload?

☐ Yes

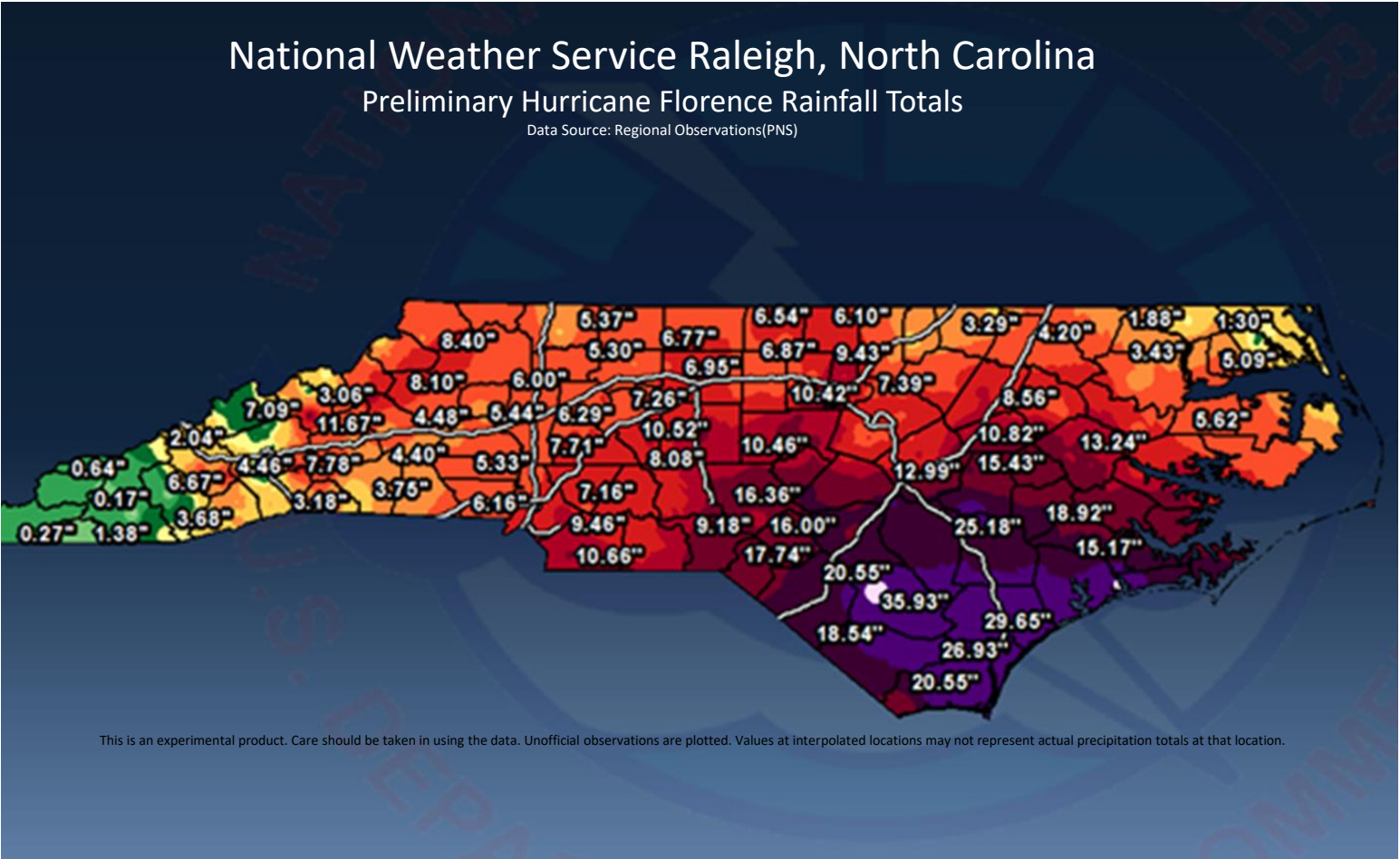
☐ No

Preliminary Estimate \*

Provide a windshield estimate of the amount needed to repair the damages



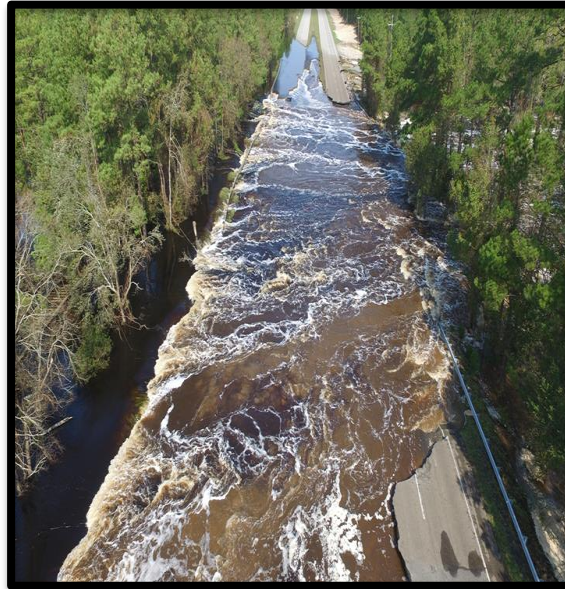
*Hurricane Florence (September 2018)*



## *Response and Recovery – Florence Damaged Sites*



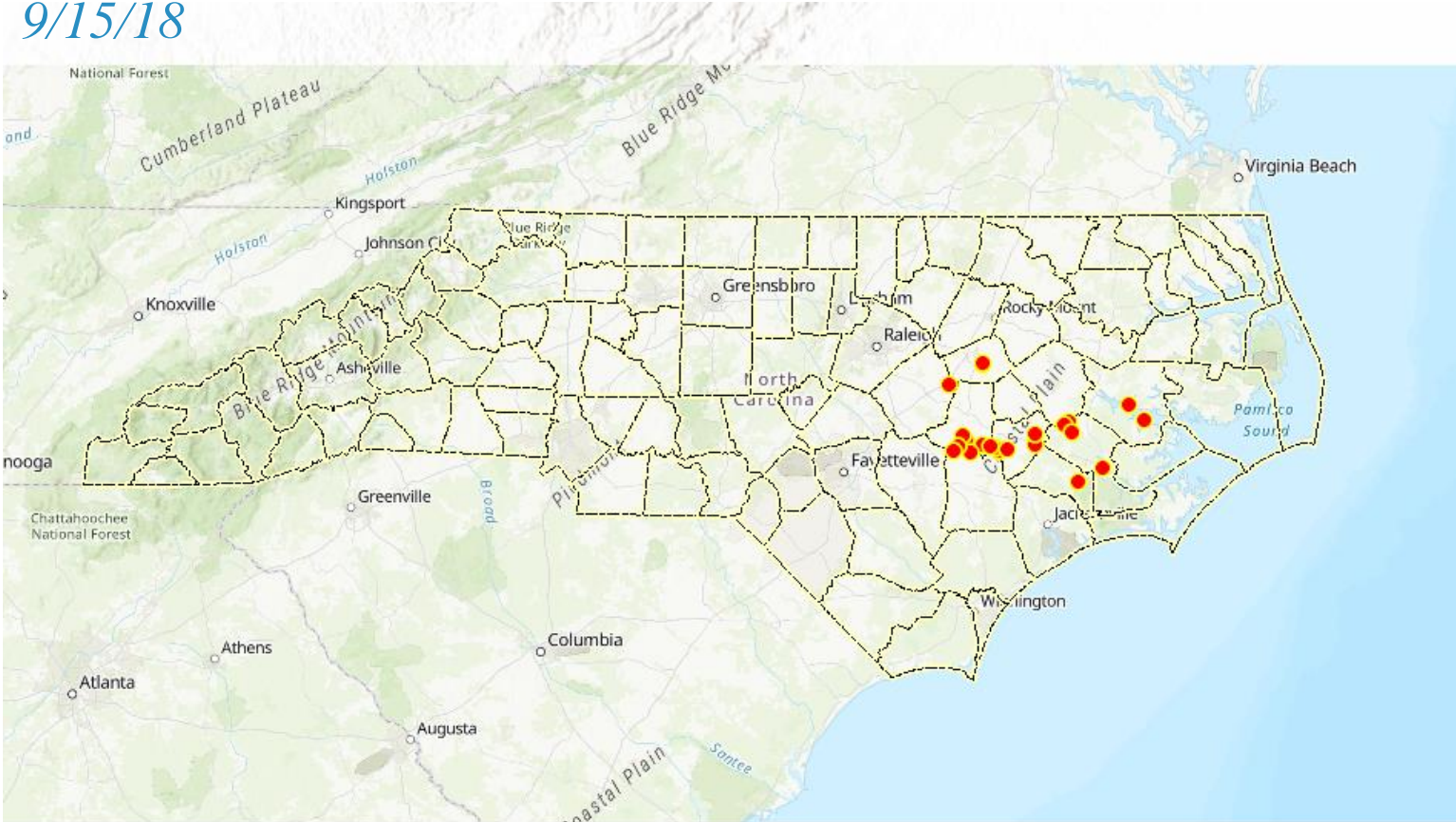
- Over 2,500 Incidents
- 2,642 Identified FEMA Route Sites
- 853 Identified FHWA Route Sites
- Price tag of ~\$210 million





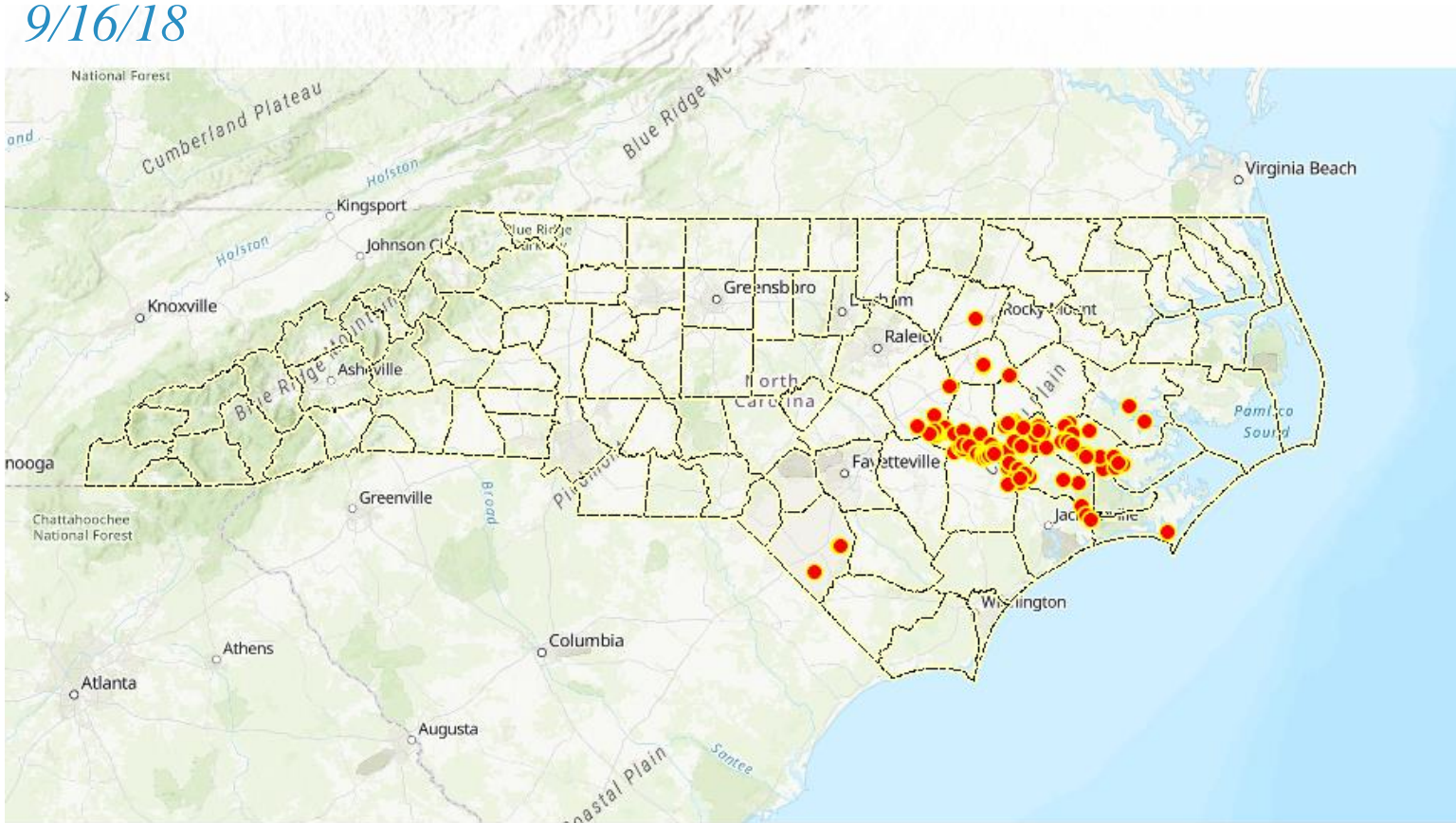
Technology

9/15/18



Technology

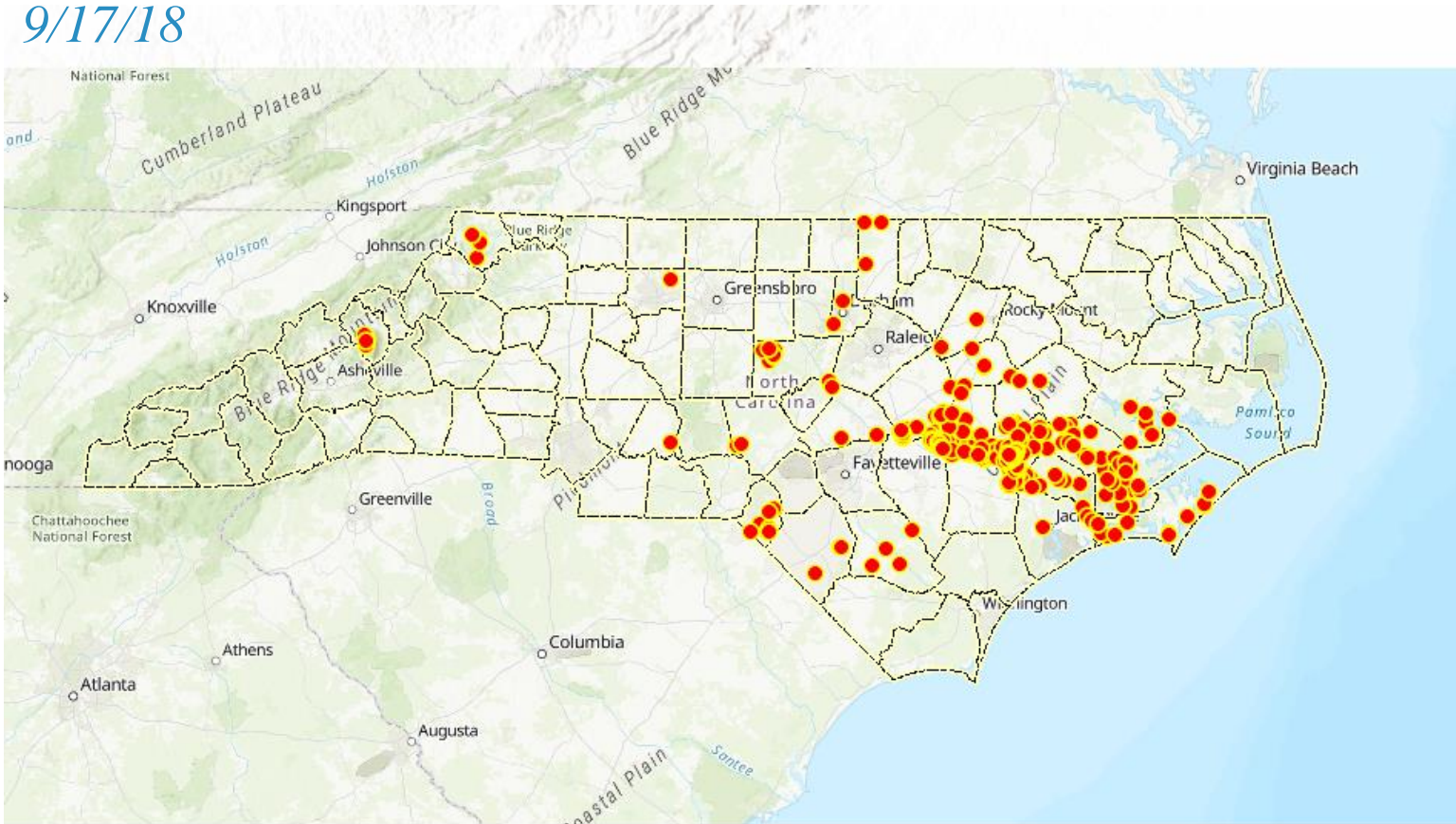
9/16/18





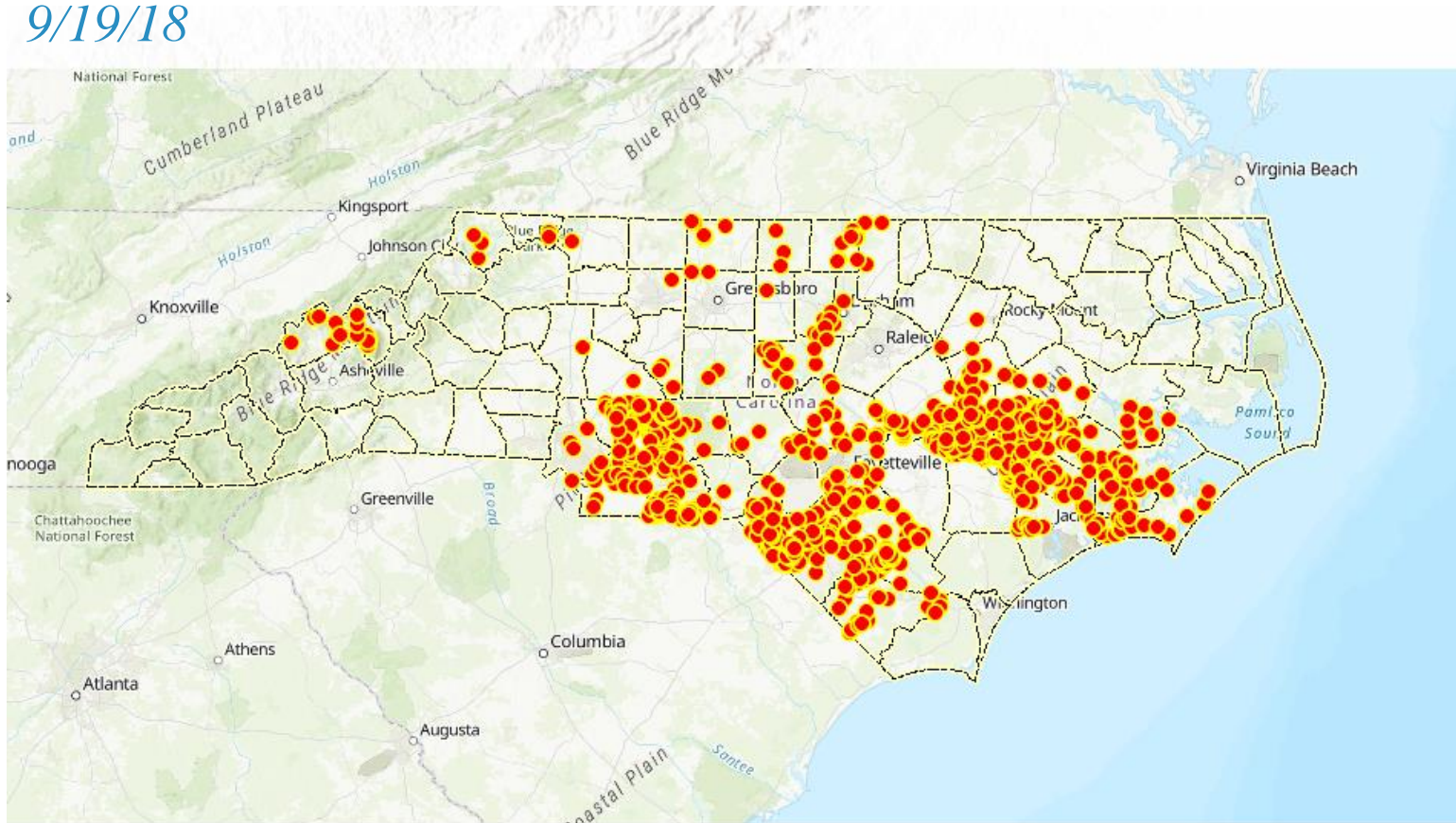
Technology

9/17/18



Technology

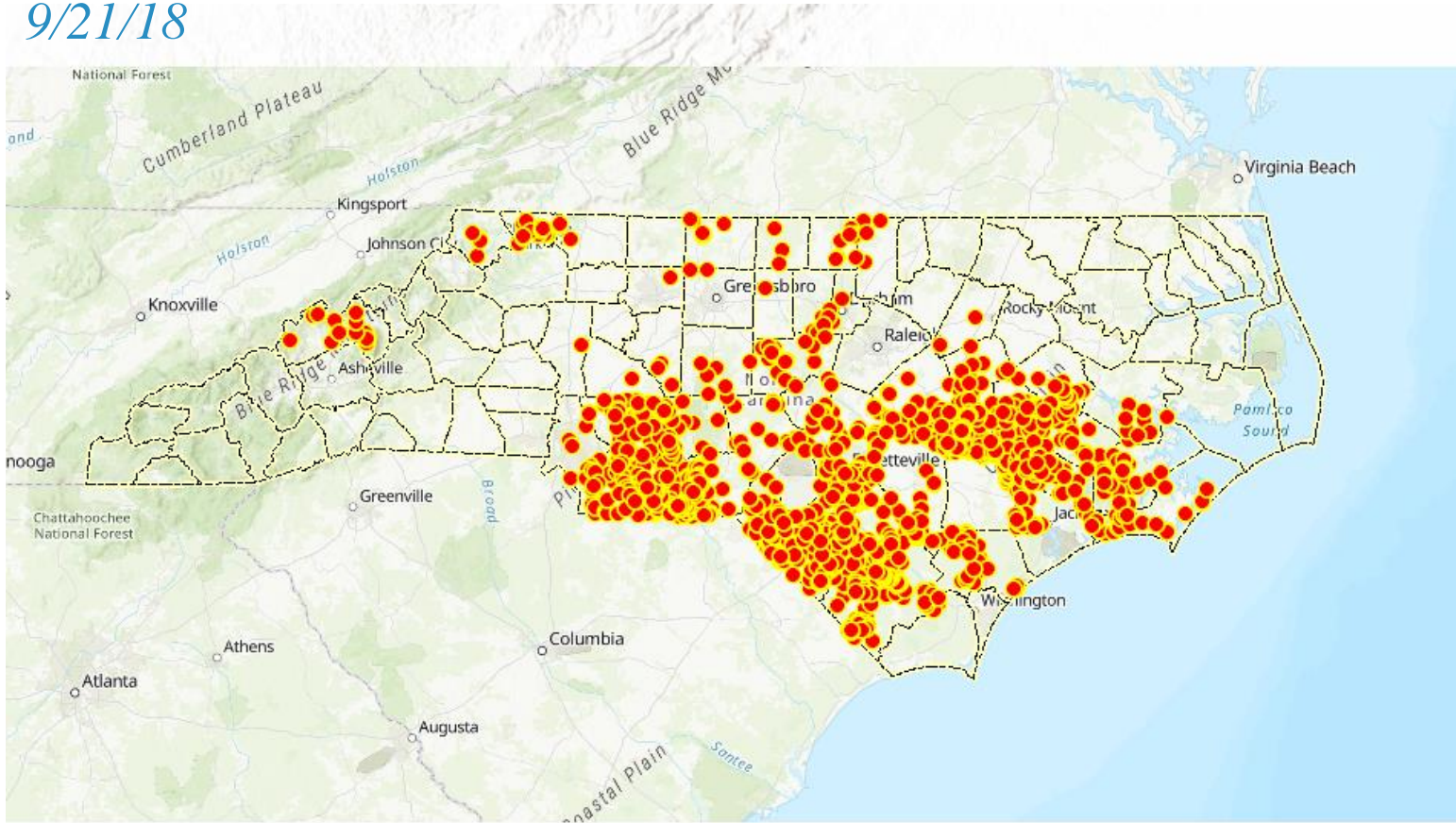
9/19/18





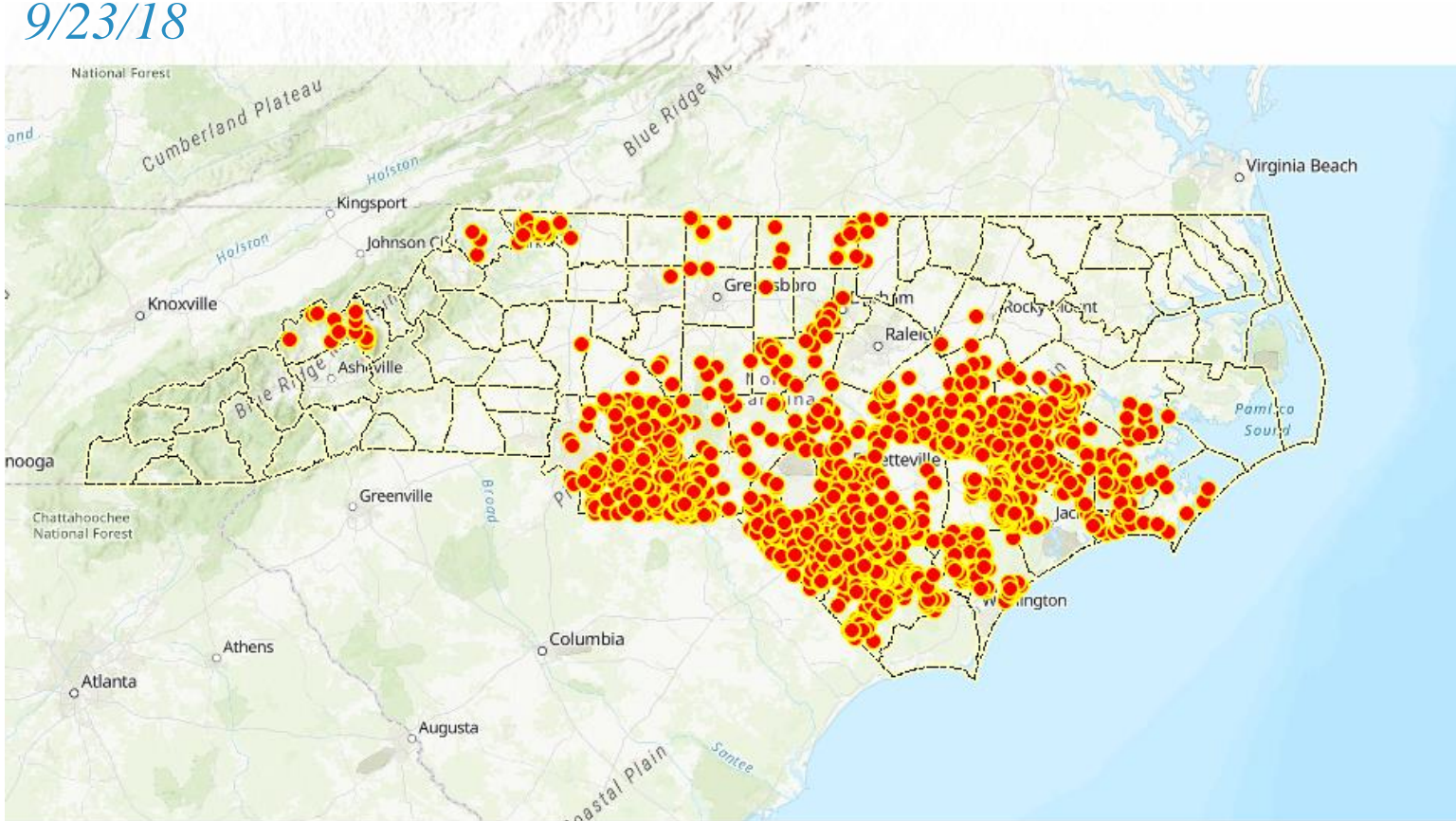
Technology

9/21/18



Technology

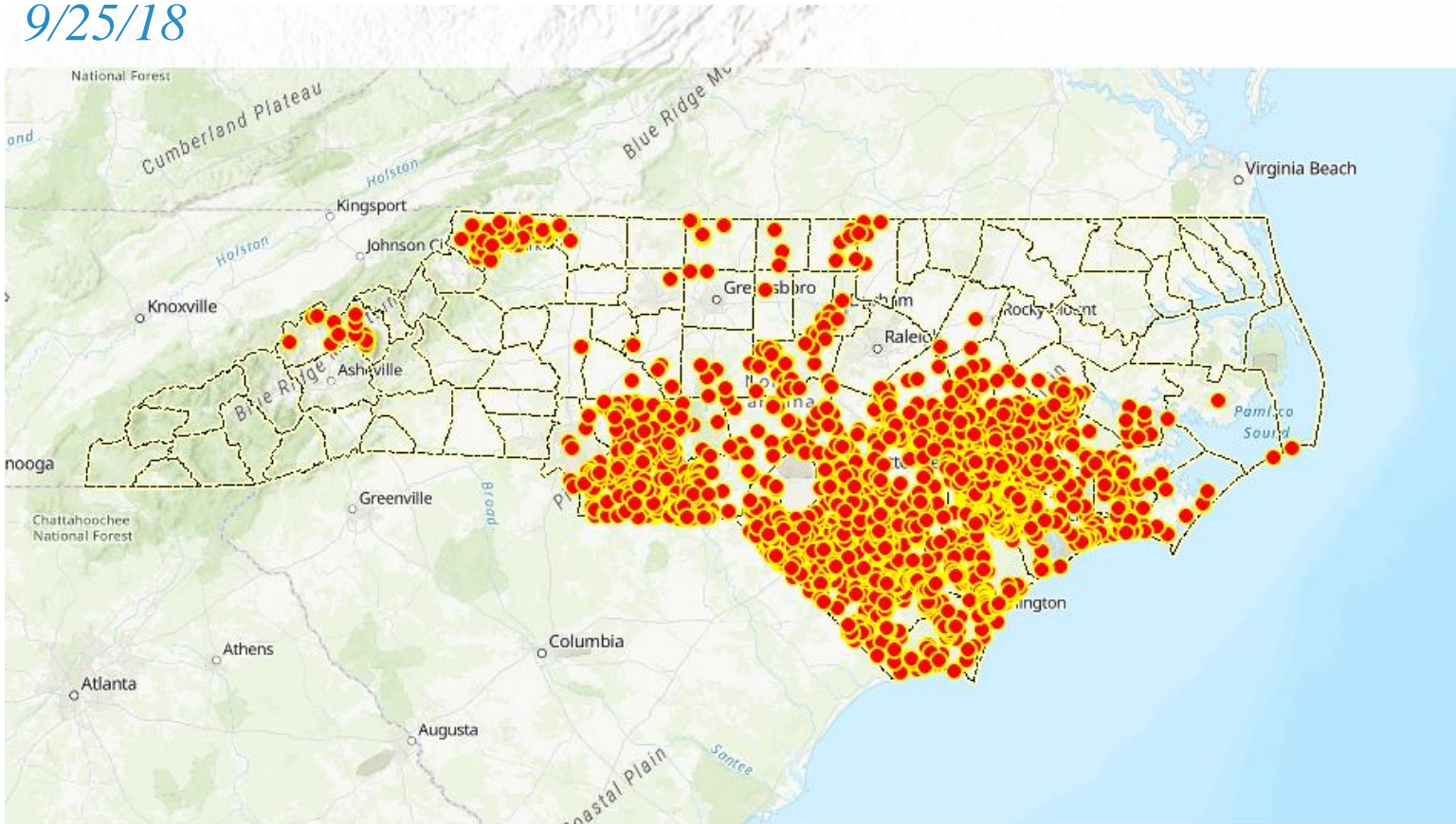
9/23/18





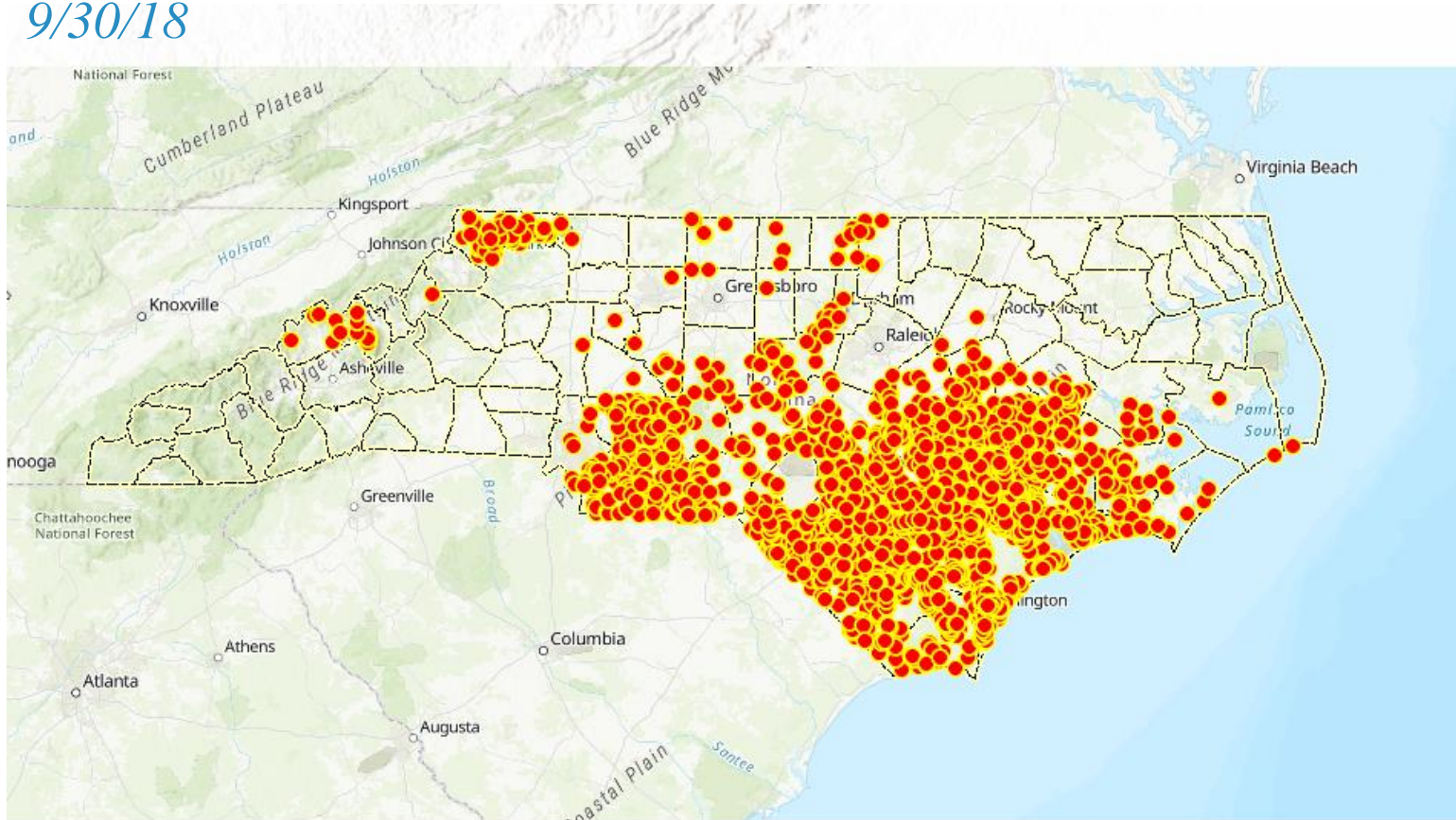
Technology

9/25/18



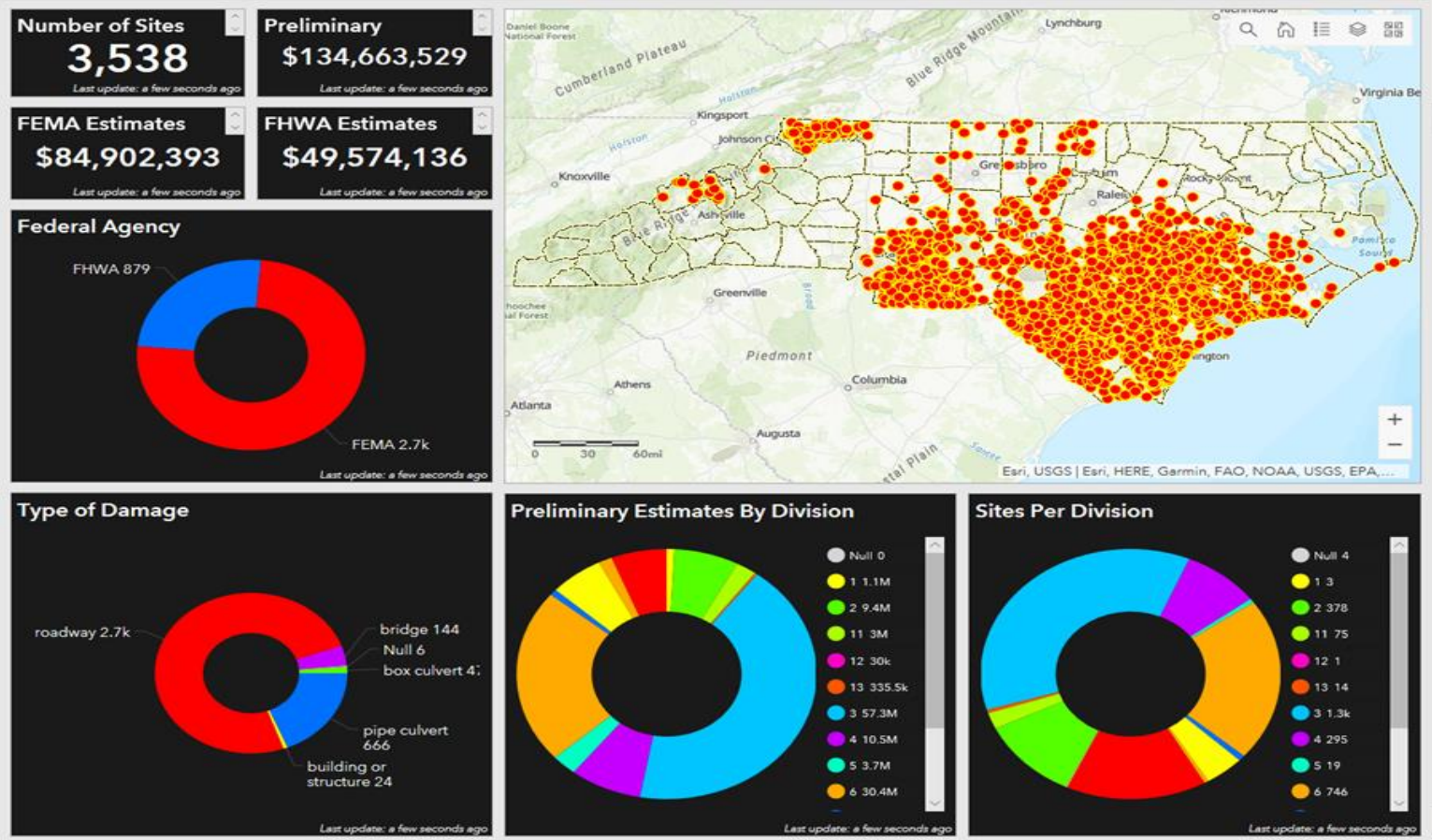
Technology

9/30/18

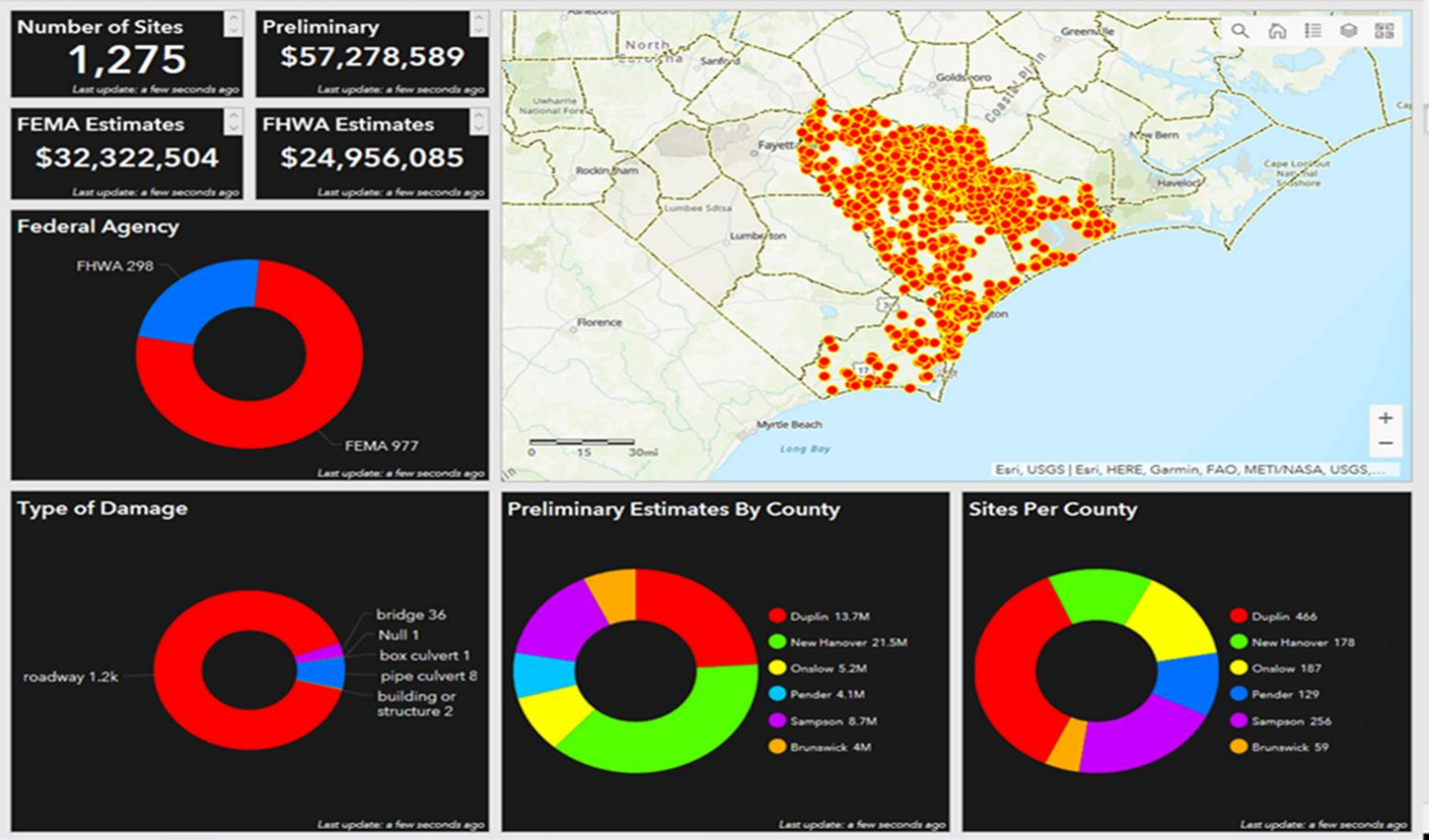




Technology: Statewide Summary

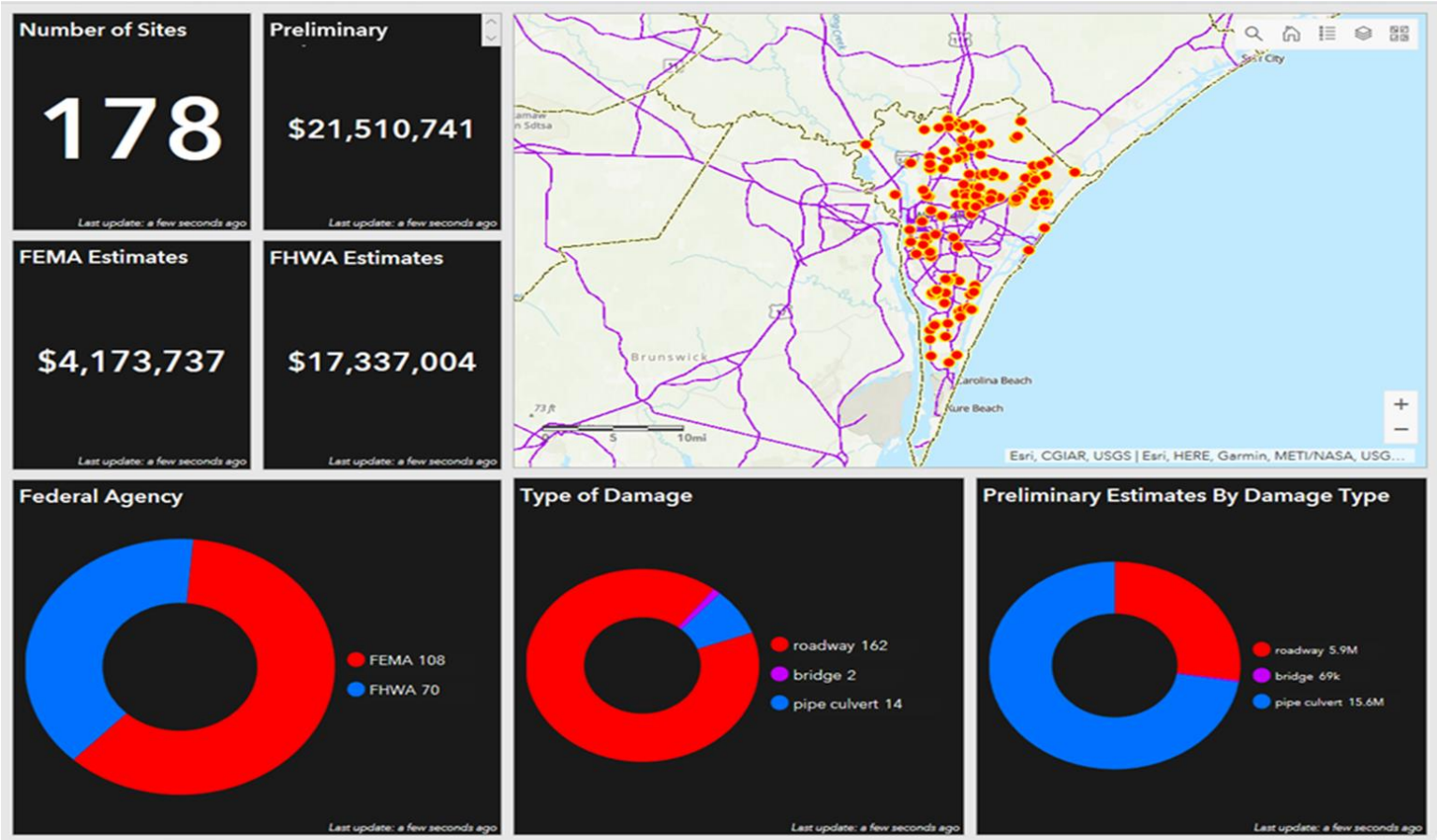


Technology: Division Summary





Technology: County Summary

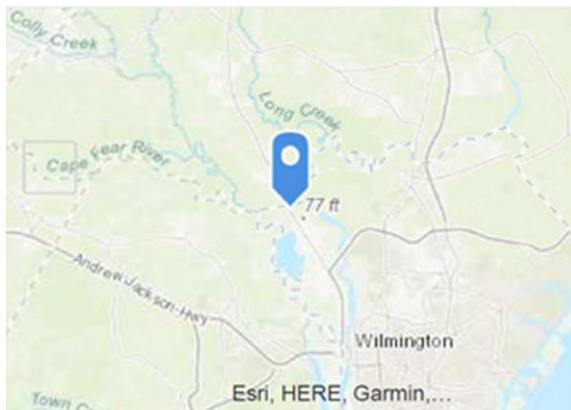


## Technology: Site Detail Reports

### Hurricane Florence Site Specific

Submitted By: gmtaylor1  
 Submitted Time: Sep 25, 2018, 4:03:51 PM  
 Date of Inspection: Sep 20, 2018  
 Name of Damage Inspector: D Monro  
 Phone Number of Damage Inspector: [REDACTED]

Site Number: 15403.1065027  
 Division: 3  
 County: New Hanover  
 Type of Route: US  
 Route Number: 421  
 Road Name: Hwy 421  
 Site Configuration: FHWA  
 Site Location: Lat: 34.33086 Lon: -77.99958



Type of Site Damaged: pipe culvert  
 Diameter of Pipe: 78  
 Length of Pipe: 210  
 Number of barrels: 1  
 Headwalls: No  
 Type of Pipe Damaged: CMP\_corrugated metal pipe

Pavement Damage: Yes  
 Length of Pavement damaged: 600  
 Width of Pavement damaged: 56  
 Thickness of Pavement damaged: 12

Roadbed Damage: Yes  
 Length of Roadbed damaged: 700  
 Width of Roadbed damaged: 700  
 Depth of Roadbed damaged: 5

Shoulder/Embankment Damage: Yes  
 Length of Shoulder/Embankment damaged: 1,500  
 Width of Shoulder/Embankment damaged: 20  
 Depth of Shoulder/Embankment damaged: 20

Notes: Site 065-00-19 still has flow cannot fully assess at base, washed out. Pipe to be determined.

Signs and Guardrail: Yes  
 Length of Guardrail Damaged: 1,500  
 Number of Signs Damaged: 0

Utilities: Yes  
 Affected Utilities

- fiber
- gas

Damage Photo 1



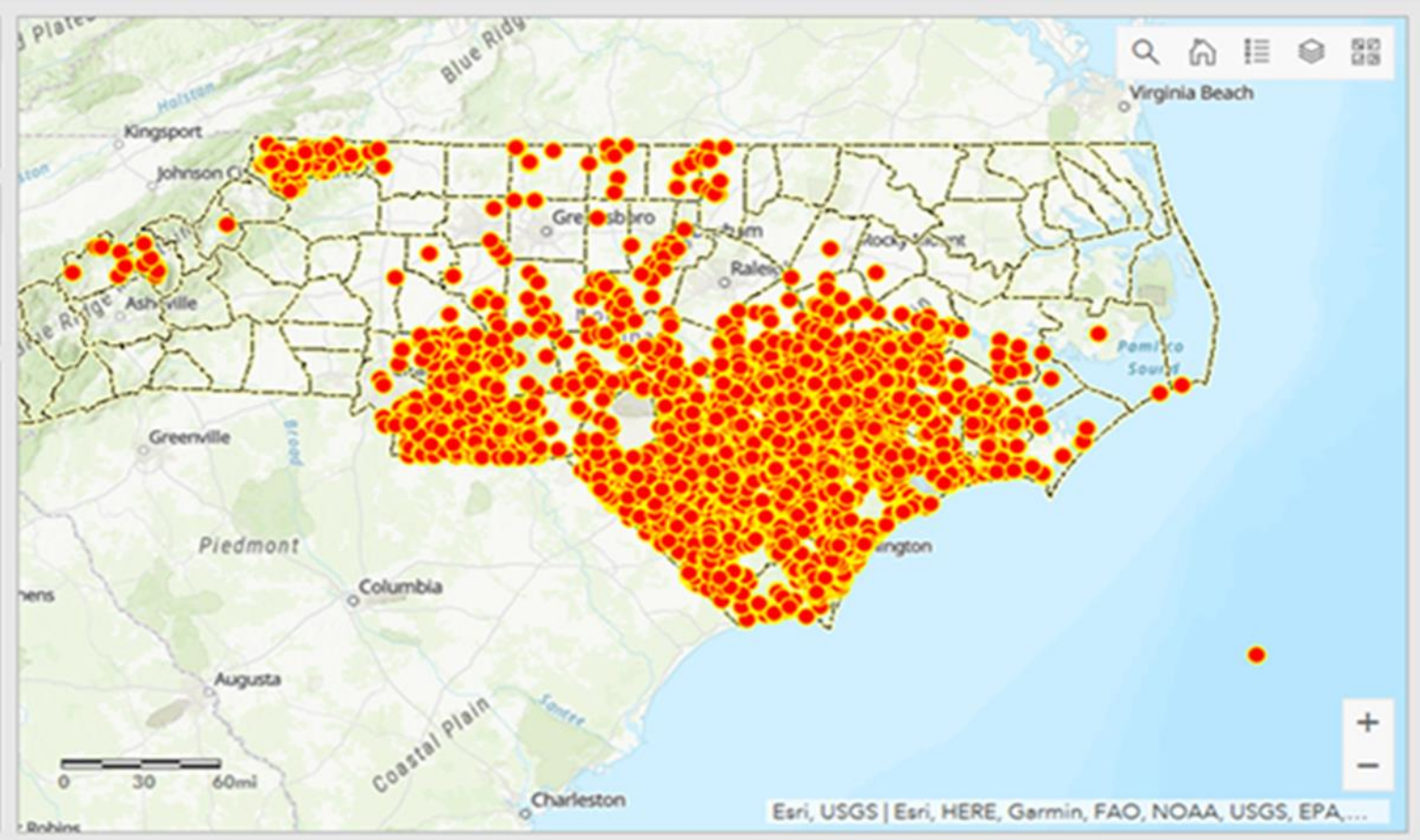
Damage Photo 2



Preliminary Estimate: 15,000,000

Hydro Report: Yes

Technology





## Technology: User Interface

### Field Personnel

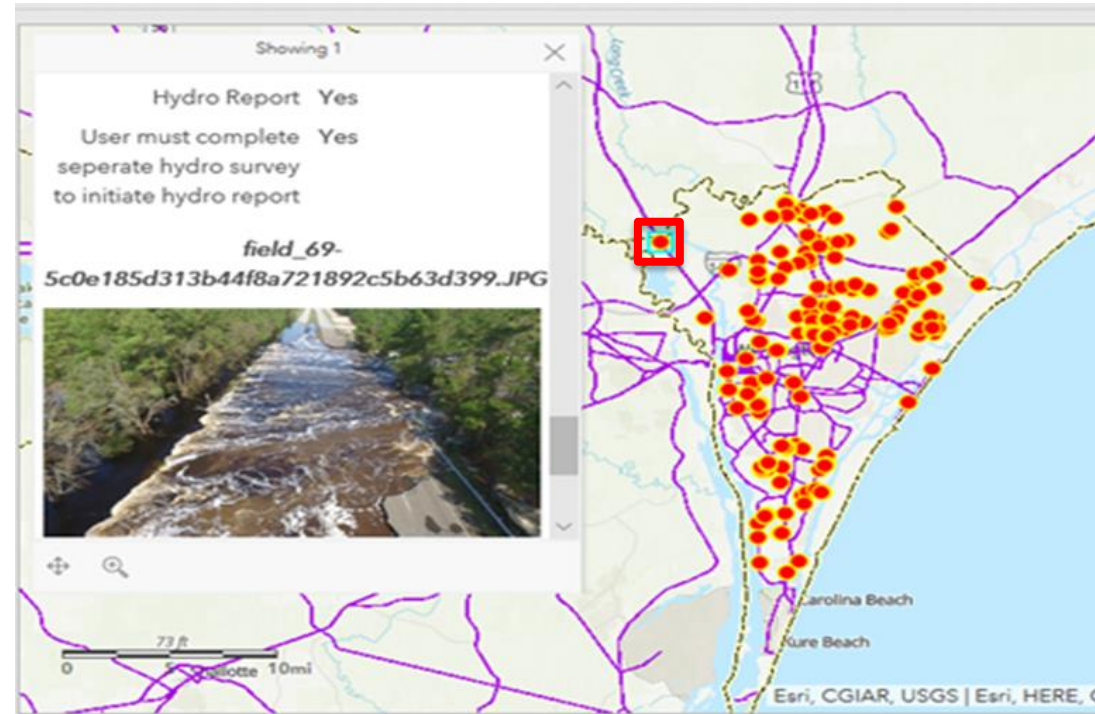
- Single trip to sites for data (confirms needed information is collected)
- Map/Type of Damage for work plans
- Standardization of data collection (CEI and State Forces)

### Management

- Real time analysis
- Reporting capability
- Eyes in the field

### FEMA/FHWA

- Declarations made based on data
- Automatically creates the “List of Identified Damages”
- Assists/Takes the place of field inspections
- Consolidates collected data and simplifies submissions



## Financial Recovery



FEMA



Damage Description:

Including Dimensions



Scope of Work



Pictures



Engineer's Estimate



- Environmental Permits



Hydraulic Recommendations



GPS Coordinates



Location Map

- Timesheets

- Equipment Logs

- Material Receipts/Purchase Orders

- Contracts

- Etc.



U.S. Department of Transportation  
**Federal Highway  
Administration**





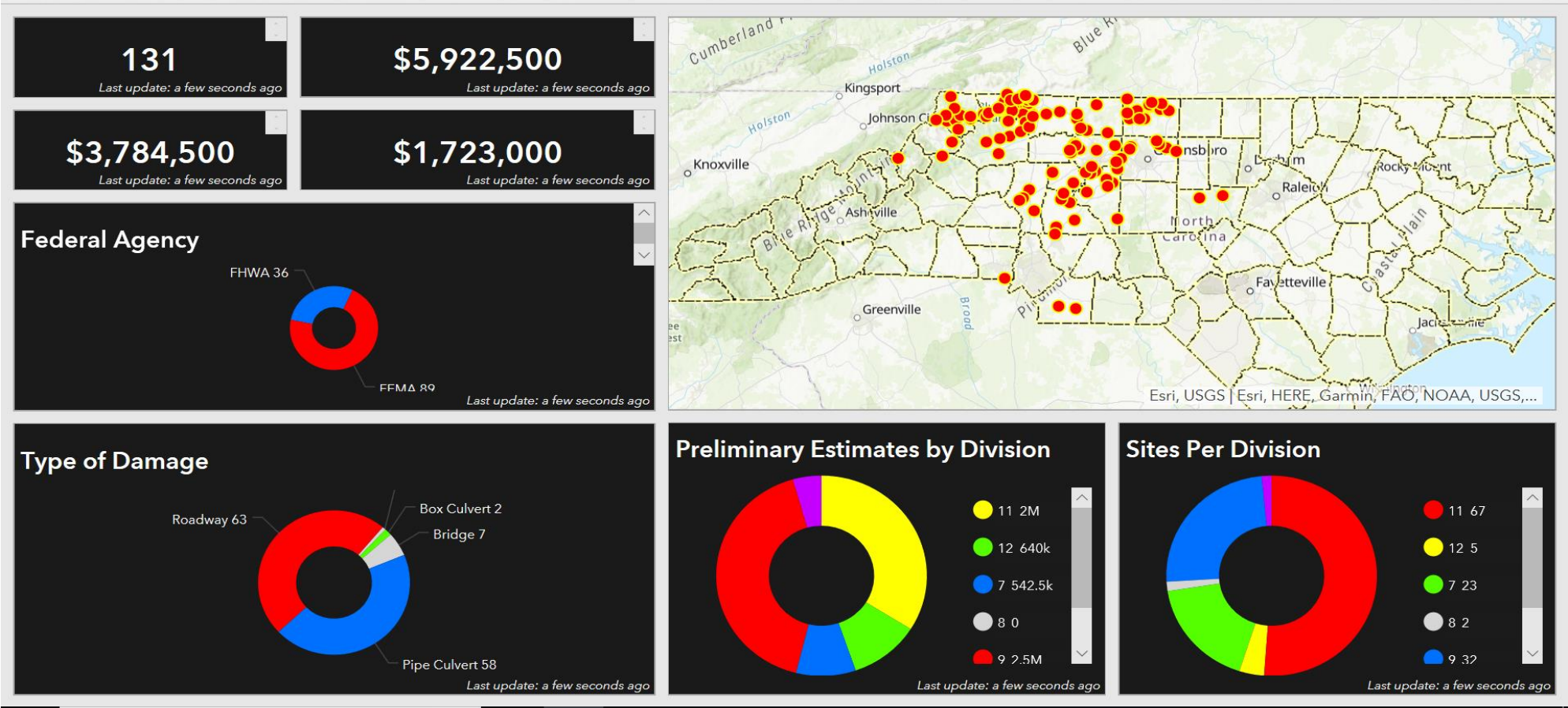
## *Next Steps*

- Continue Refining Tool
- Training - Field Users
- Training - Consultant Partners
- Automate required documentation creation
  - Damage Description
  - Scope of Work
  - Engineer's Estimate
- Explore Additional Uses

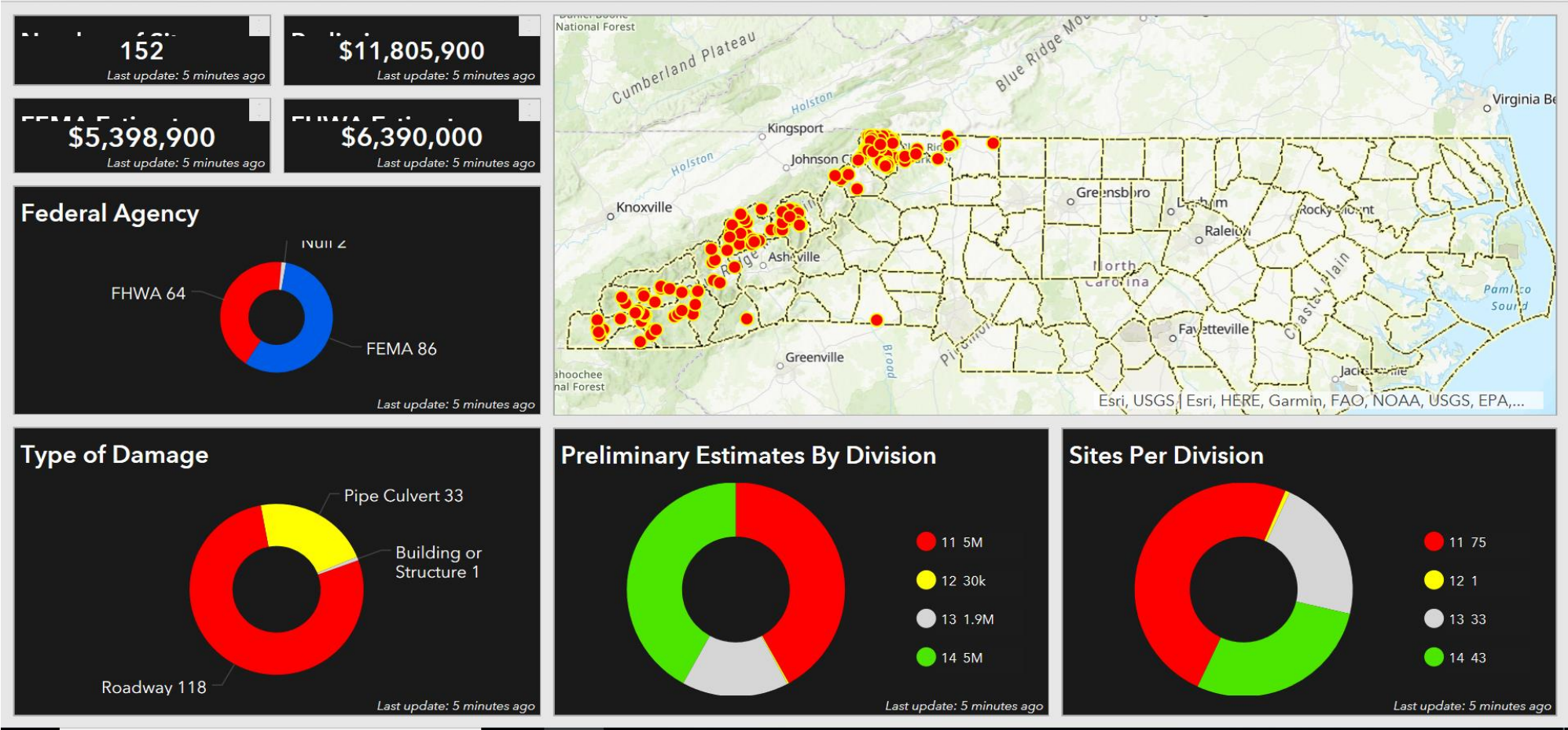




Next Steps (2018 Hurricane Michael)

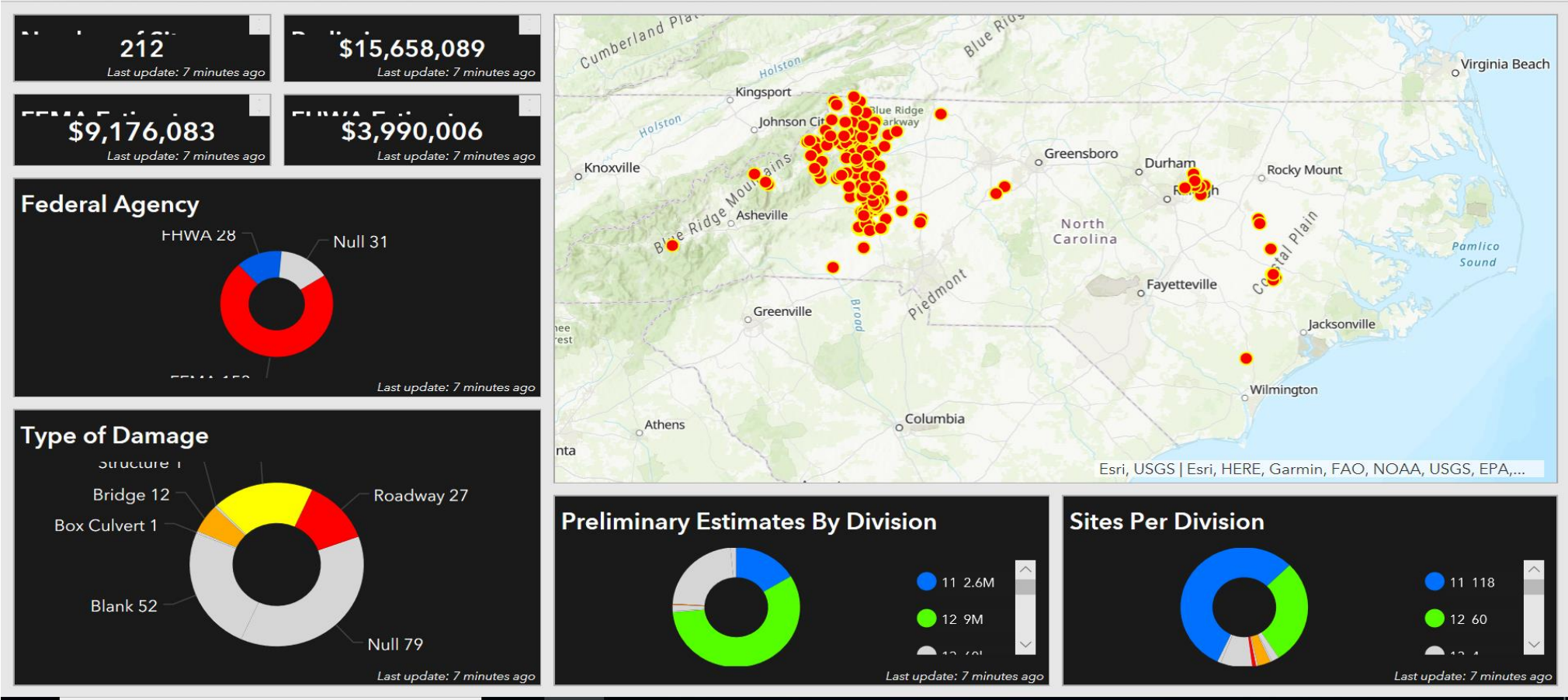


Next Steps (2019 February Rains)

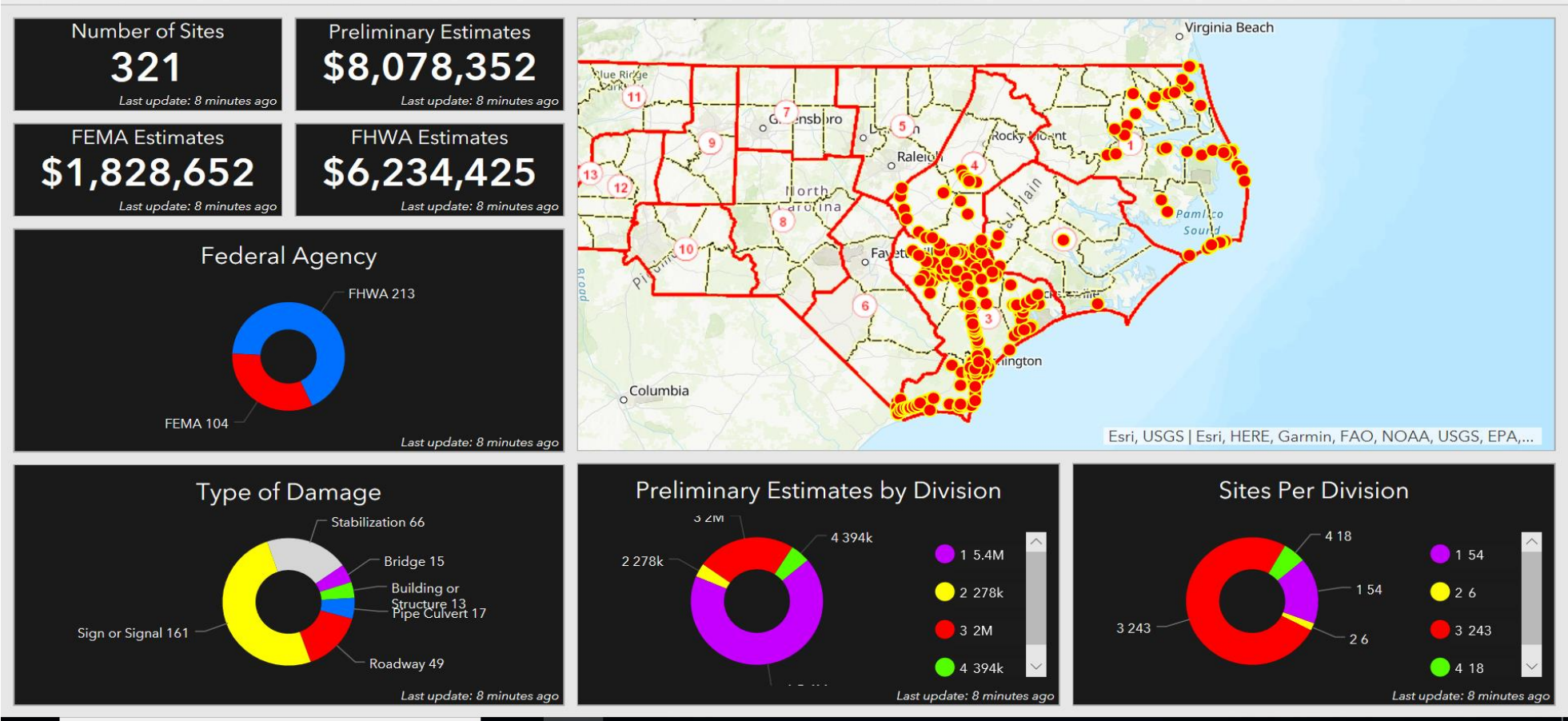




Next Steps (2019 June Rains)

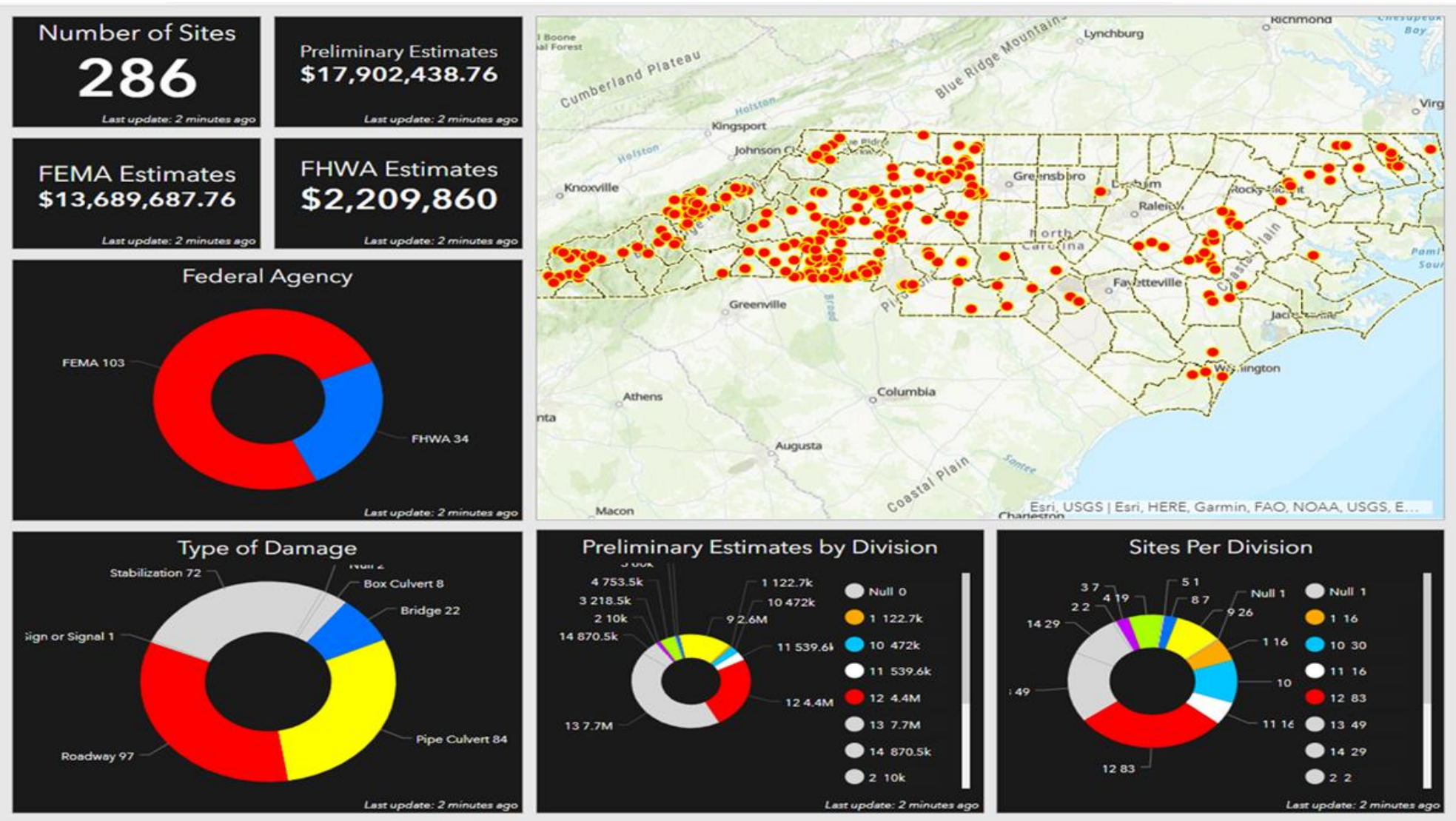


Next Steps (2019 Hurricane Dorian)

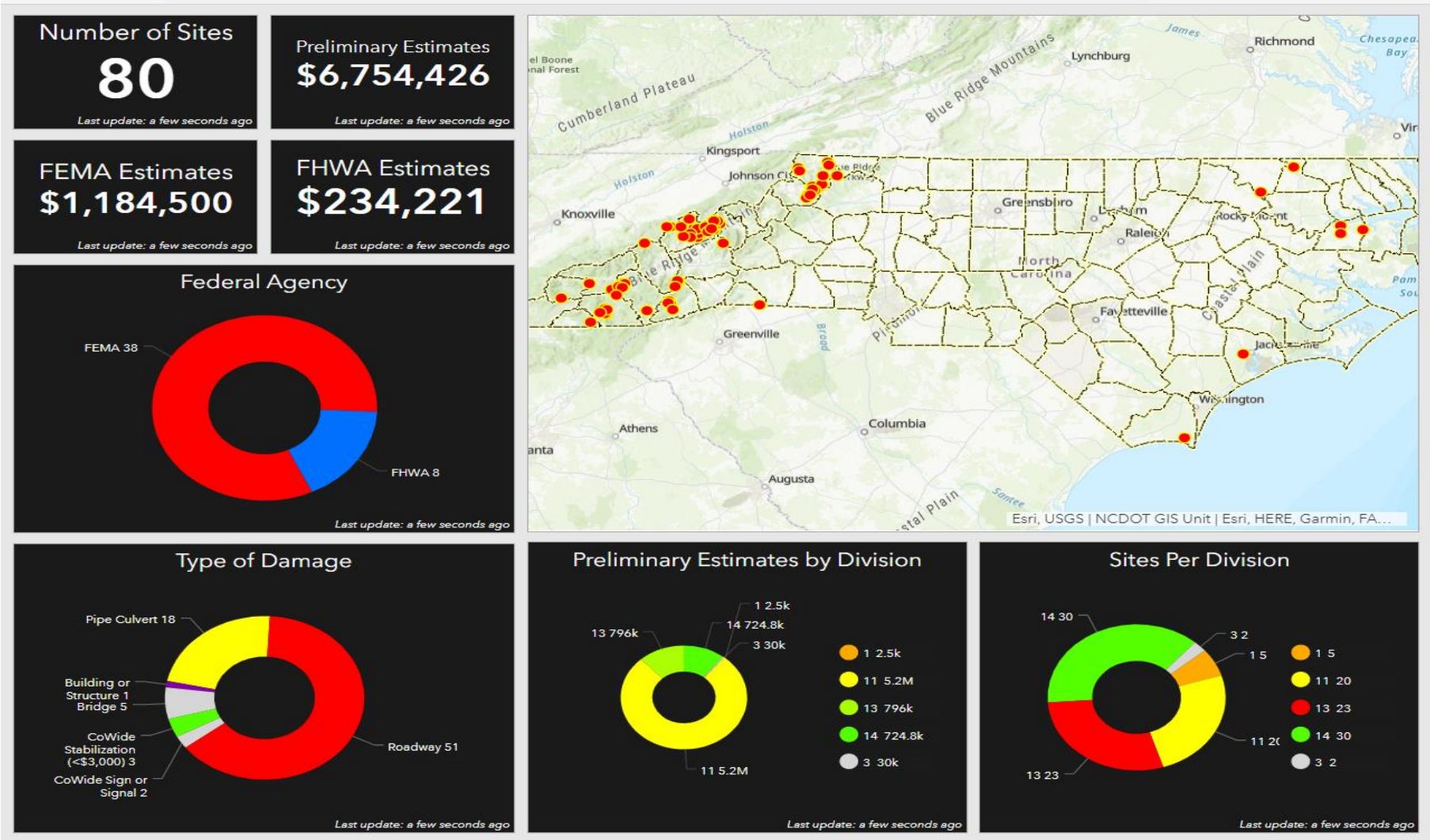




Next Steps (2020 February 6<sup>th</sup> Rains)

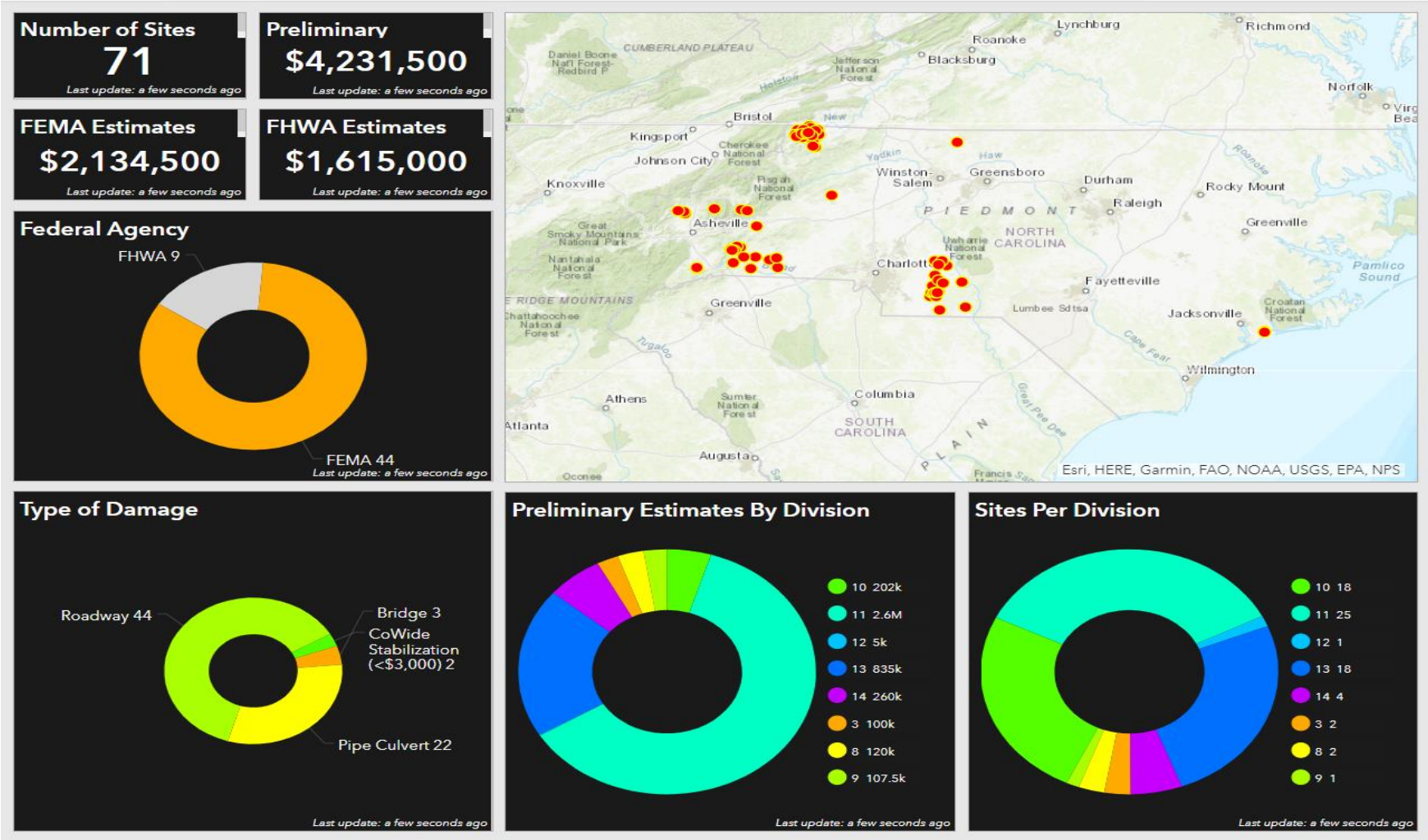


Next Steps (2020 April 13<sup>th</sup> Severe Weather)

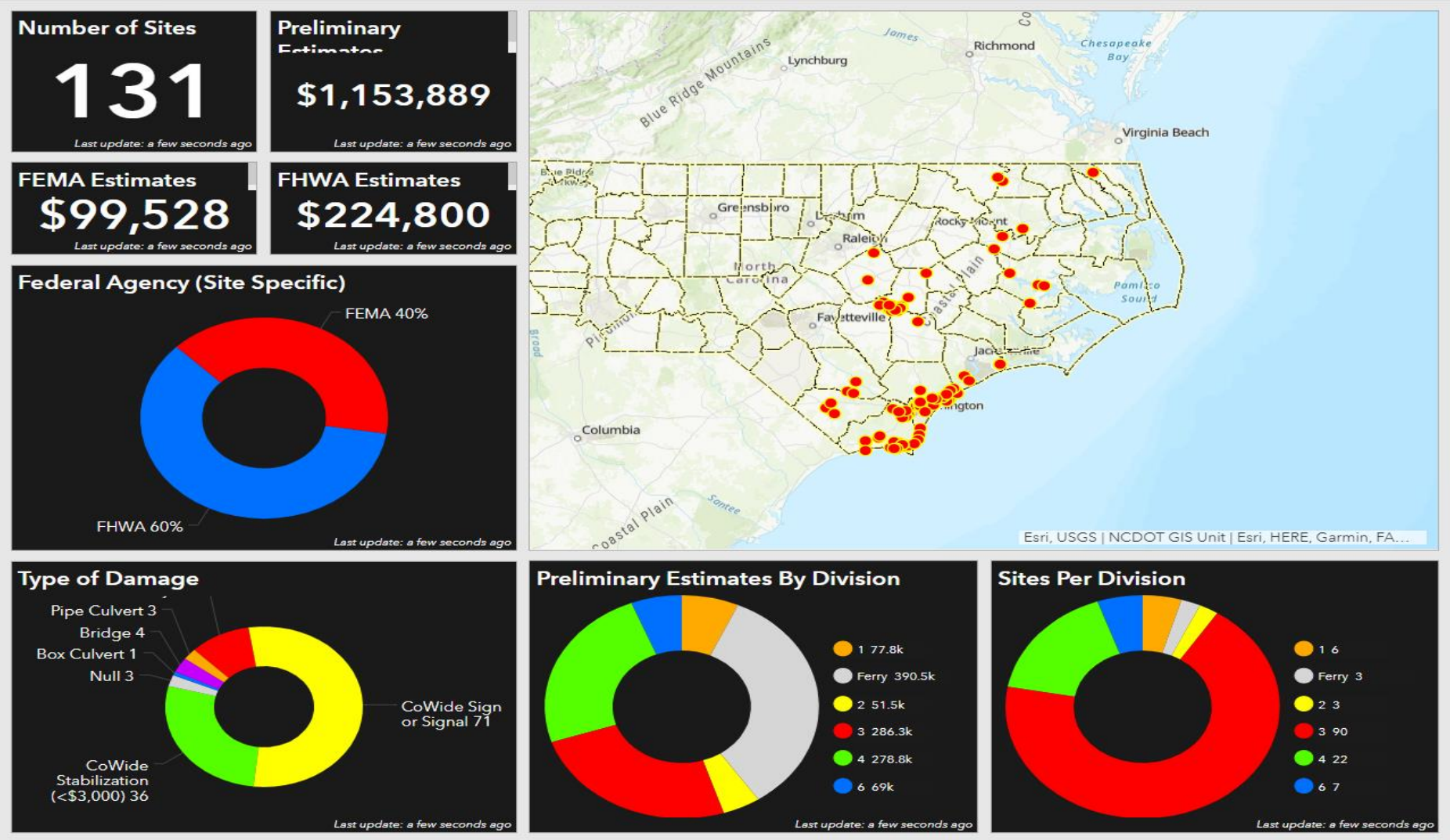




Next Steps (2020 May 19<sup>th</sup> Rains)

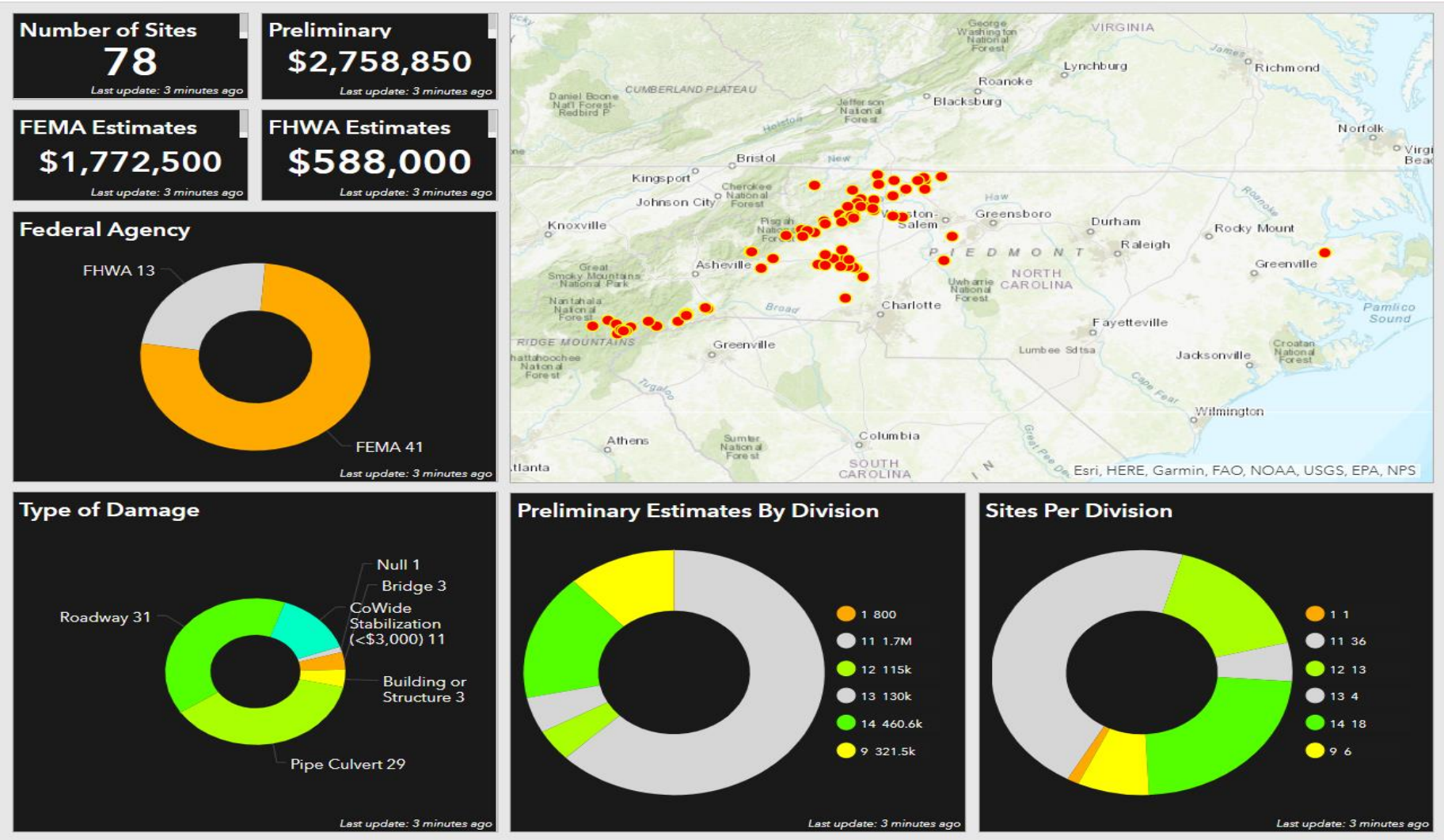


Next Steps (2020 Tropical Storm Isaias)

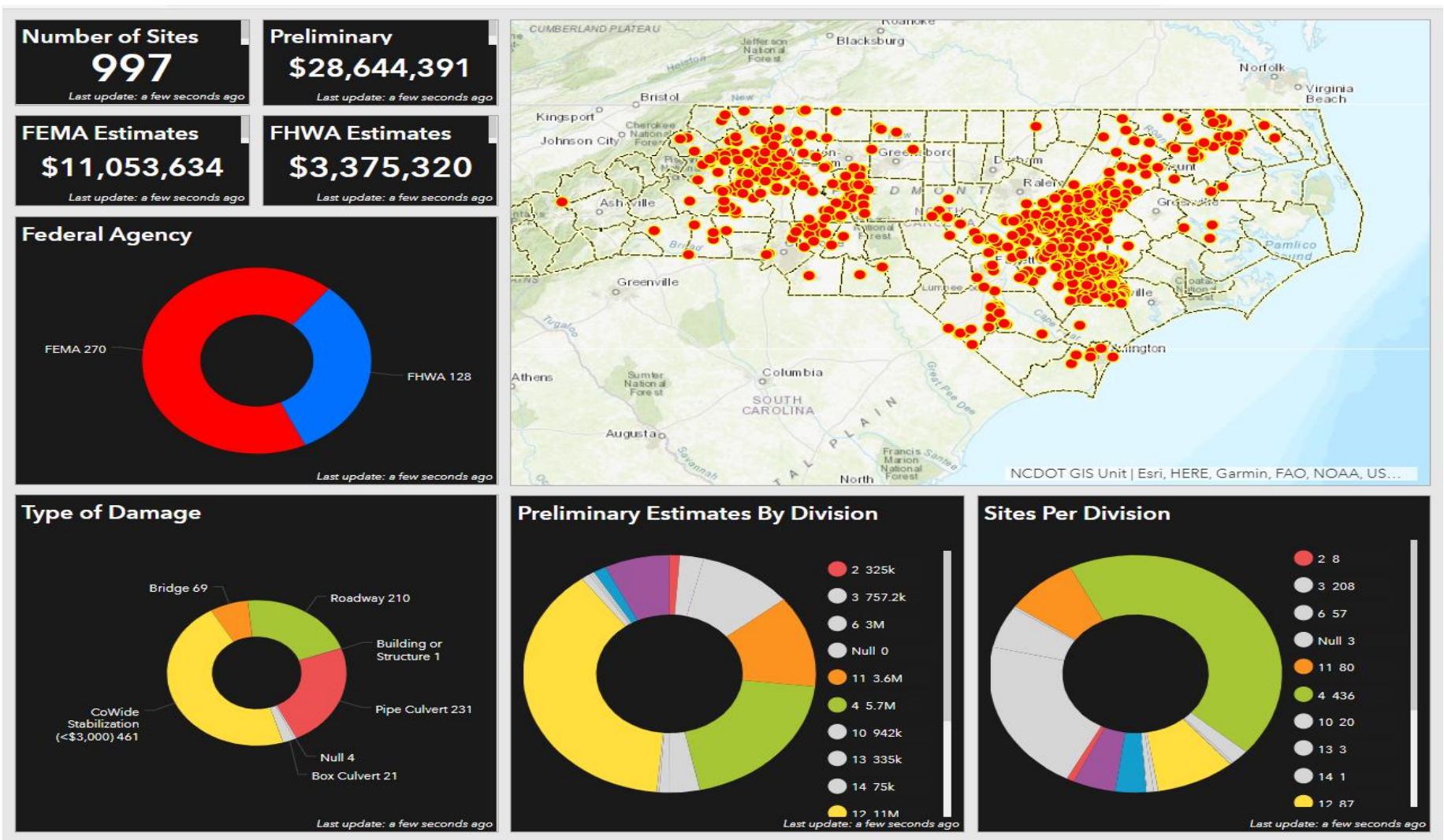




Next Steps (2020 Tropical Storm Zeta)

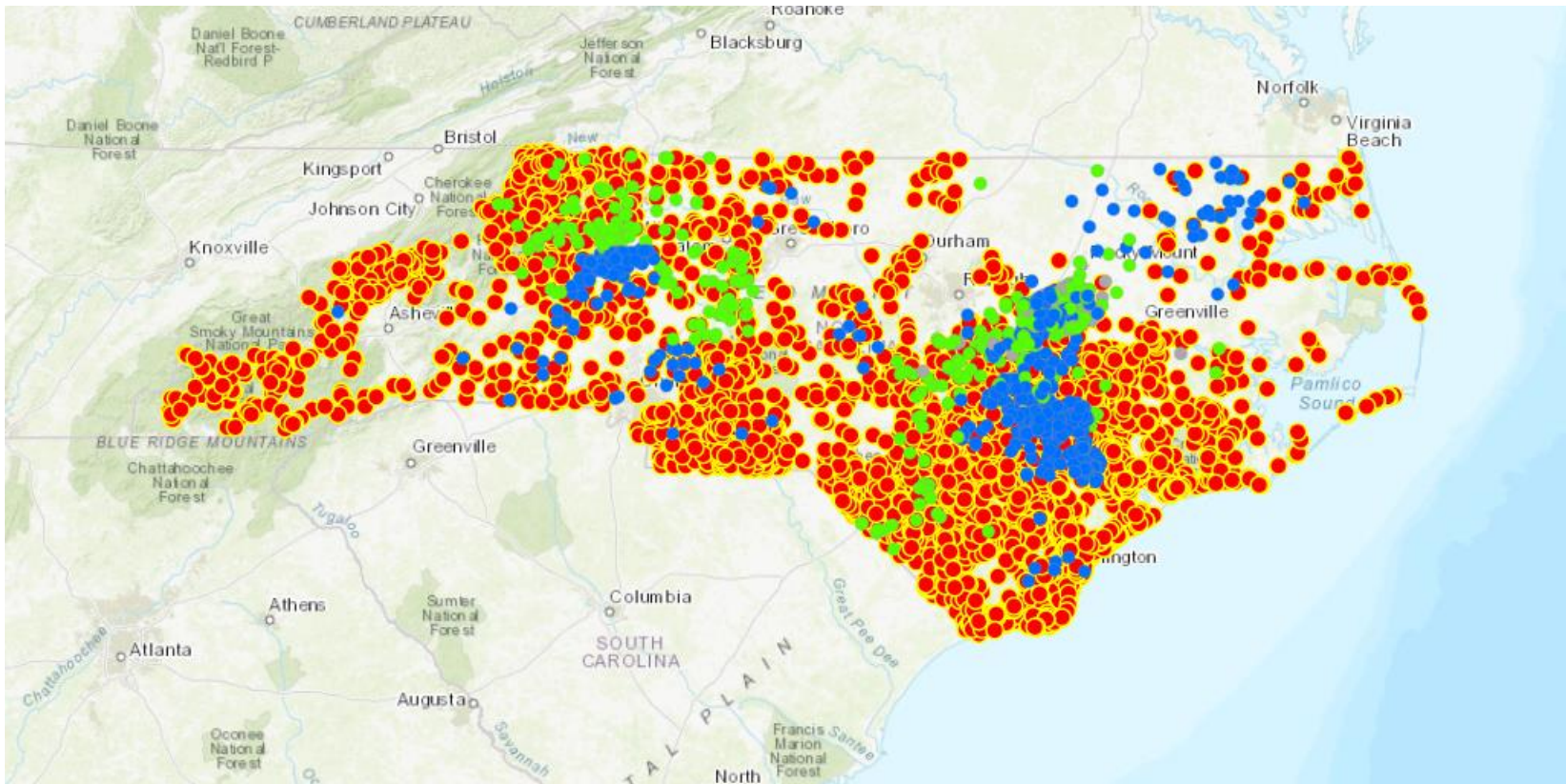


Next Steps (2020 Tropical Storm Eta)





Next Steps



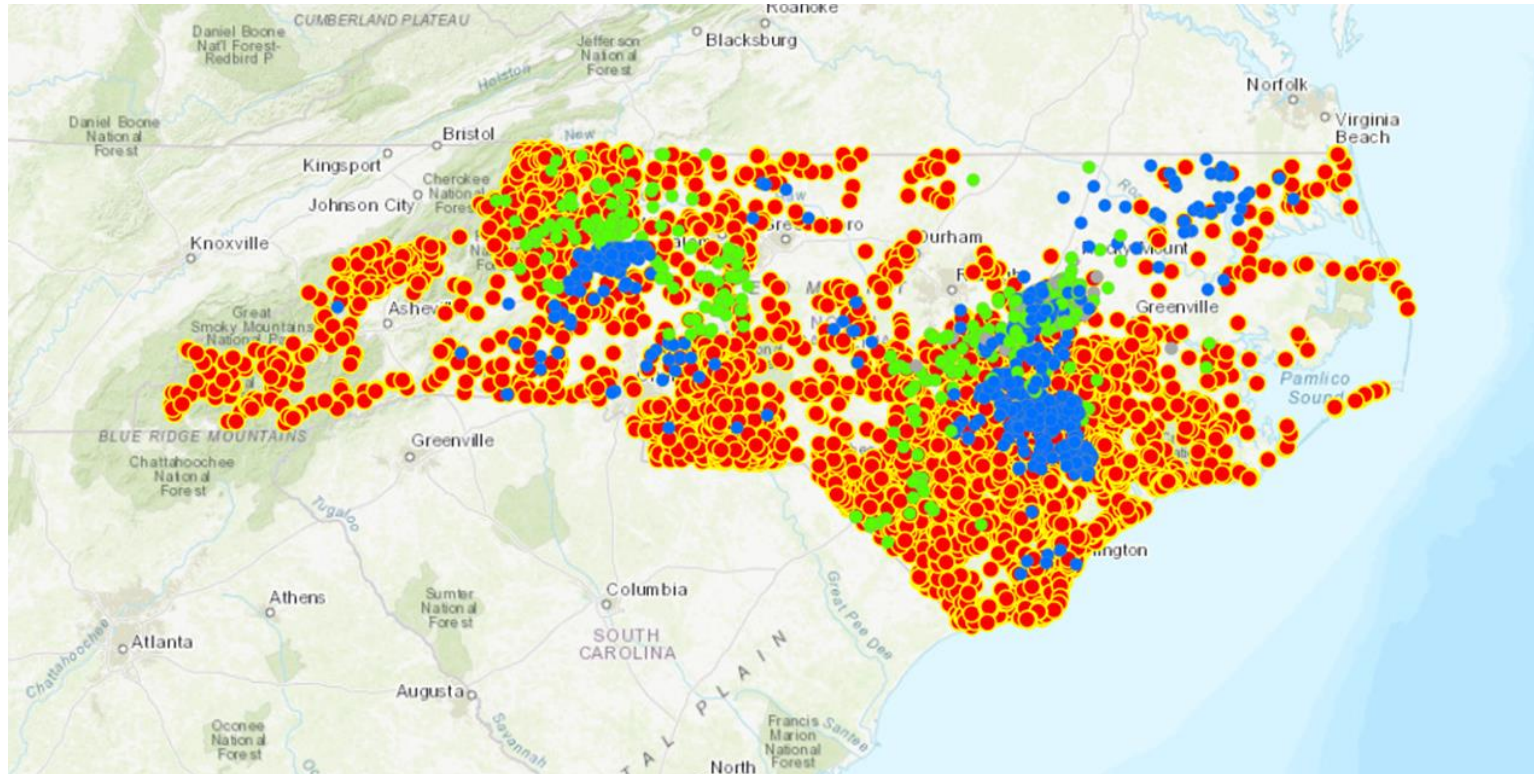


## Next Steps

The screenshot displays the 'My Surveys' interface of the Survey123 for ArcGIS application. At the top, there is a green header bar with the text 'My Surveys' and a hamburger menu icon on the right. Below the header, the interface shows a grid of survey project tiles. Each tile contains a green icon representing a survey form with four rows of input fields; the first two rows have checkmarks, the third has an 'x', and the fourth is empty. The tiles are arranged in three rows and four columns, with the last cell in the third row being empty.

Survey Project Name
Concrete Slab Repair
Division ADA Ramp Survey
Division Pipe Survey
Down Tree Locations
Hurricane Dorian Site Specific
Hurricane Dorian: Barricad...
Hurricane Dorian: Debris Landfil...
Hurricane Dorian: Debris Loadin...
Hurricane Dorian: High Wate...
Leaners, Hangers and Stumps Wor...
Maintenance Activities

## Questions



Josh Kellen, PE  
Training & Development Engineer  
Maintenance Operations and Fleet Management

[jkellen@ncdot.gov](mailto:jkellen@ncdot.gov)

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2462



## **NORTH CAROLINA**

Department of Transportation

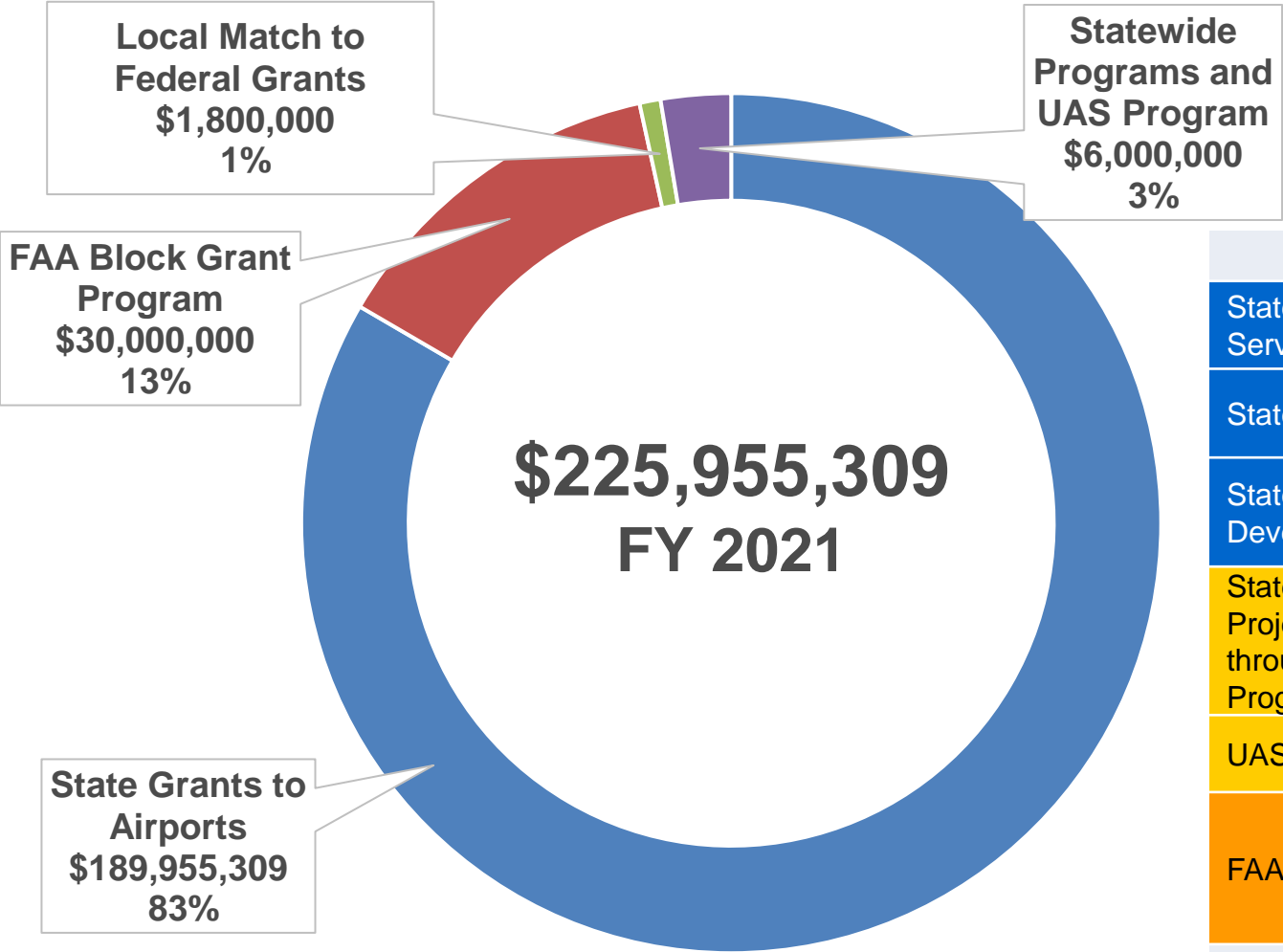


# How the Modes Are Funded

**Julie White**  
**Deputy Secretary for Multi-Modal Transportation**

**May 5, 2021**

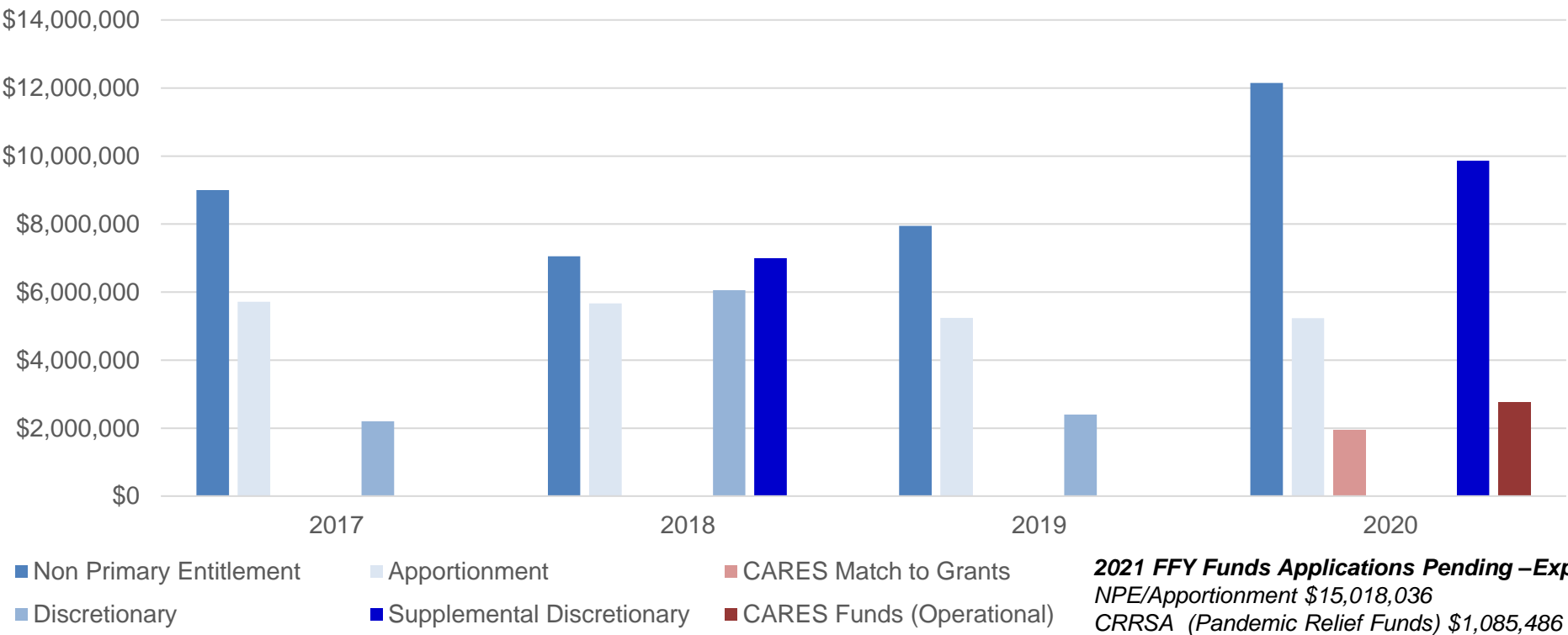
# Aviation Funding Sources



Spend Plan SFY 2021		
State Aid for Commercial Service Airports	\$116,184,810	\$45,000,000 Carry Forward from 2020
State Aid for Airports	\$65,979,607	\$12,800,000 Carry Forward from 2020
State Economic Development at GA Airports	\$7,790,892	
State Airport Programs and Projects Administered through Statewide Programs	\$4,500,000	Includes Maintenance projects for airports and on-call services contracts
UAS (Drone) Program	\$1,500,000	
FAA Block Grant Program	\$30,000,000	Combination of NPE, Apportionment, Supplemental Discretionary and CARES Act funds
Total	\$225,955,309	



# FAA Block Grant Funding-Spending \$30,000,000 in FY 2021



**2021 FFY Funds Applications Pending –Expected May 2021**  
NPE/Apportionment \$15,018,036  
CRRSA (Pandemic Relief Funds) \$1,085,486

	2017	2018	2019	2020
Non-Primary Entitlement	\$9,000,000	\$7,050,000	\$7,950,000	\$12,150,000
Apportionment	\$5,718,047	\$5,664,460	\$5,243,990	\$5,234,822
CARES Local Match to Grants				\$1,931,646
Discretionary	\$2,205,380	\$6,059,100	\$2,400,000	\$0
Supplemental Discretionary		\$7,000,000		\$9,866,309
CARES Funds (Operational)				\$2,765,000
Total	\$16,923,427	\$25,773,560	\$15,593,990	\$31,947,777

2465

- Annually State receives Non-Primary Entitlement (NPE) and Apportionment funds. 61 GA Airports eligible to receive \$150,000 NPE Funds (can defer up to 4 years) remaining Apportionment amount is calculated by FAA per state allocation formula.
- Discretionary and Supplemental Discretionary are annual potential grant awards based on specific projects submitted by airports with Division of Aviation support then approved by the FAA.
- CARES Act was **one-time** funding to provide **local match** for NPE and Apportionment funds in 2020 FFY along with emergency operational funds for 62 GA airports based on size and volume.



# Federal Discretionary and Supplemental Discretionary

## *No Local Match Required for these Federal Funds*

### \*Discretionary

2017 Rutherford County Airport	\$2,205,380	Runway, Taxiway, & Apron Pavement Overlay	Completed/Closed
2018 Rocky Mount Wilson Airport	\$6,059,100	Runway Pavement Reclamation/Taxiway Overlay & Direct Access Improvements	Open and Billing (\$924,498 remaining)
2019 Washington Warren Field Airport	\$2,400,000	Runway Pavement Rehabilitation	Completed/Closed

### \*\* Supplemental Discretionary

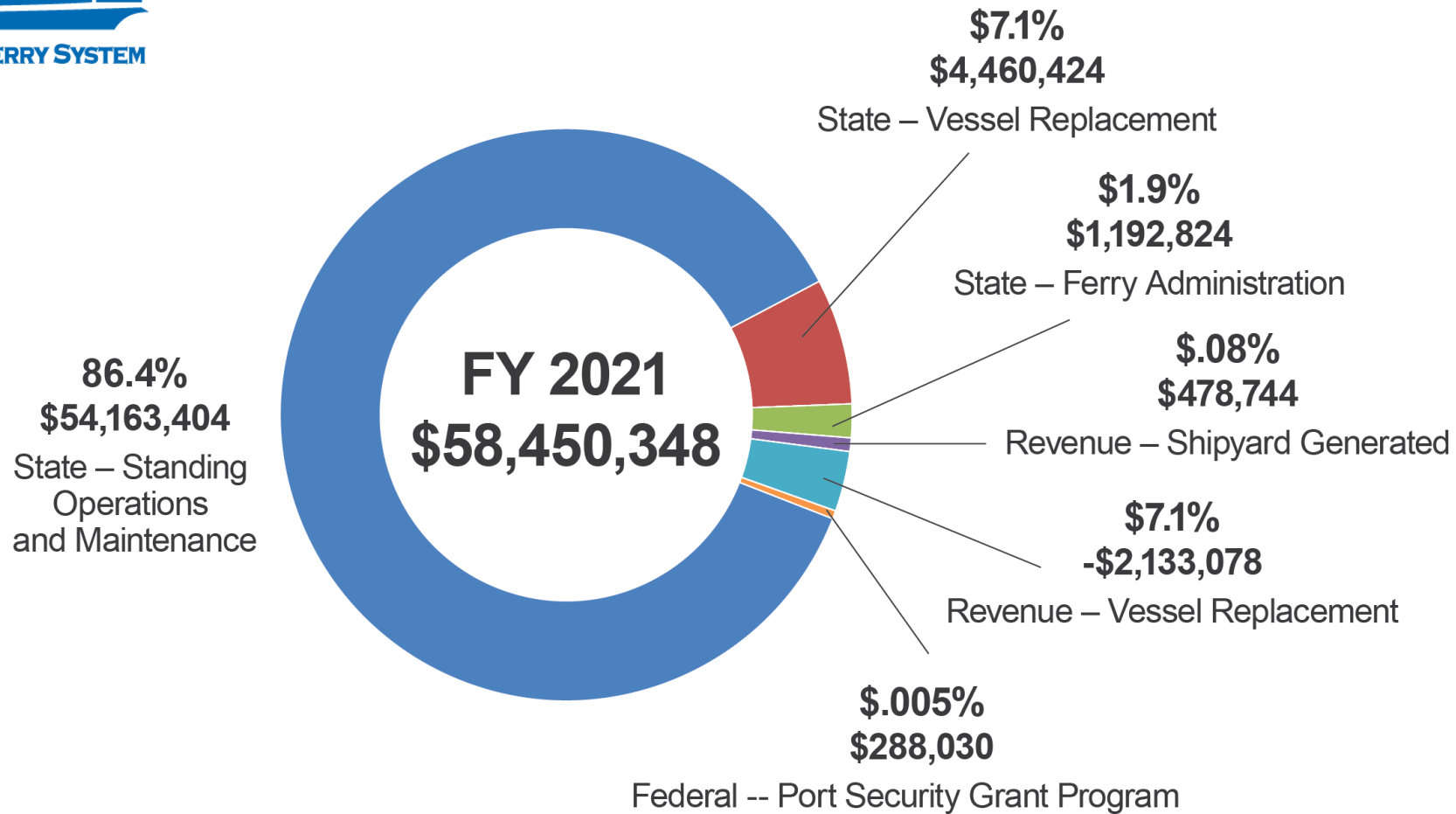
2018 Plymouth Municipal Airport	\$7,000,000	New Parallel Taxiway	Pending Close Out ( <i>should close WBS March 19</i> )
2020 Avery County Airport	\$566,309	New Partial Parallel Taxiway	Open and Billing (\$262,927 remaining)
2020 Statesville Regional Airport	\$9,300,000	Runway 10 Safety Area Improvements	Open and Billing (\$7,840,851 remaining)

\*Remaining Airport Improvement Program funds awarded for Capacity/ Safety/ Security/ Noise Projects

\*\*On March 23, 2018, the President signed H.R. 1625, the Consolidated Appropriations Act, 2018. The legislation provided the Federal Aviation Administration's (FAA) Airport Improvement Program (AIP) an additional \$1 billion in discretionary grants. Further, the Consolidated Appropriations Act of 2020, appropriated an additional \$400 million in supplemental funds.



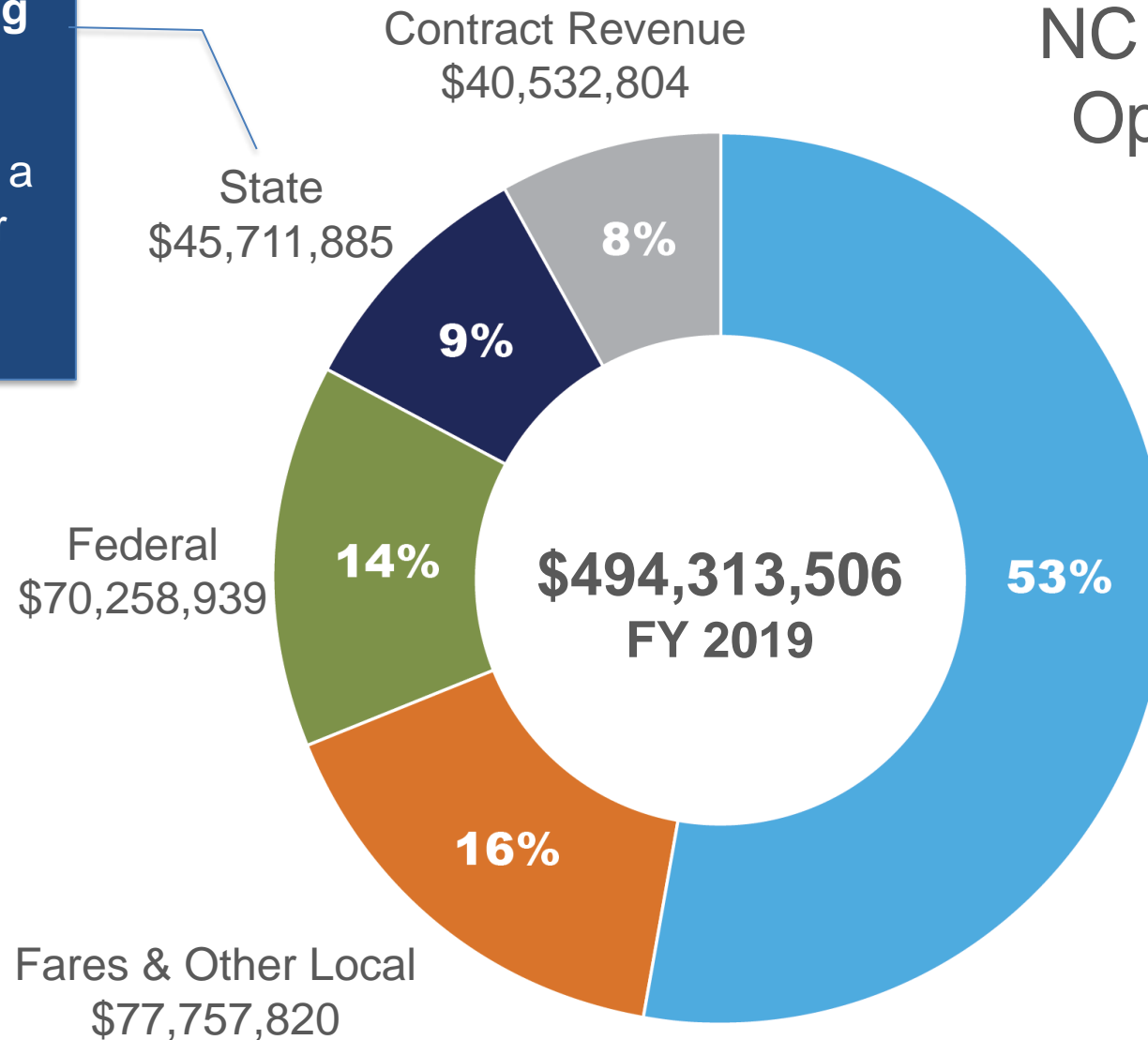
## Ferry Funding Sources



## Discretionary Grants

- Port Security Grant – \$288,030
  - Camera Installation at 12 Facilities
- New Freedom – Est. \$300,000
  - ADA Ramp Installation for New Passenger Ferry Service

**State funds provide funding leverage** – federal funds typically require a 20% or greater non-federal match.

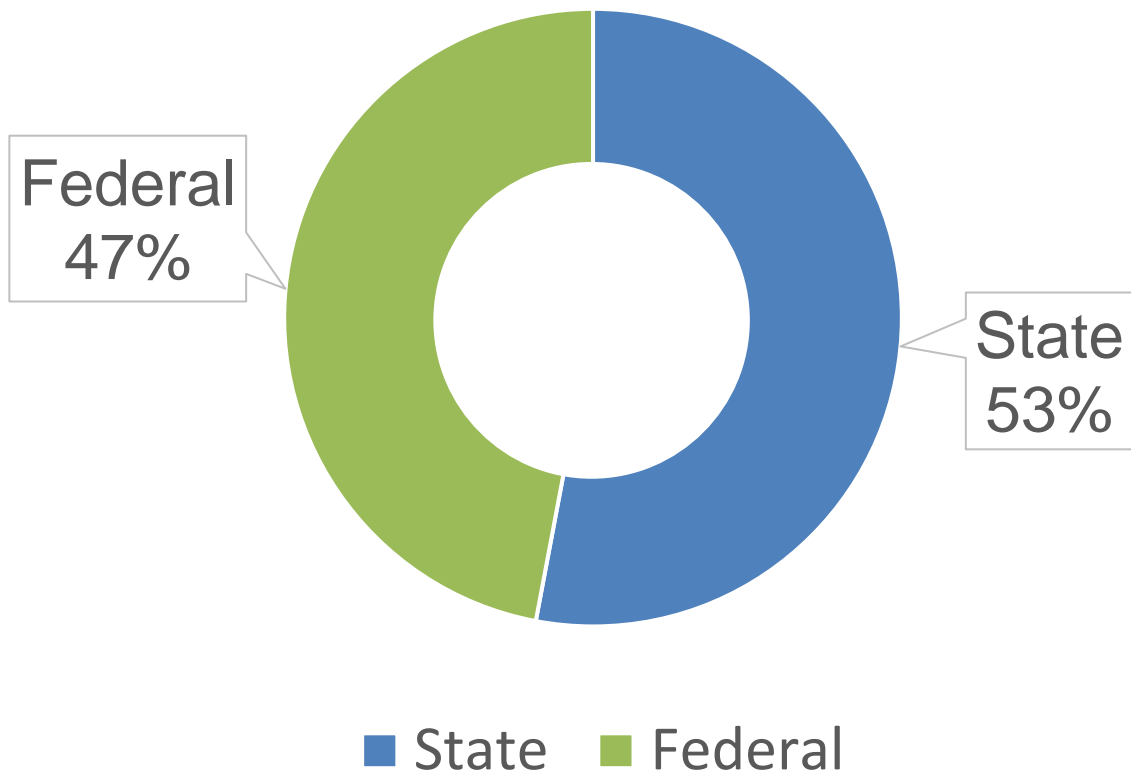


Integrated **Mobility** Division  
N.C. DEPARTMENT OF TRANSPORTATION

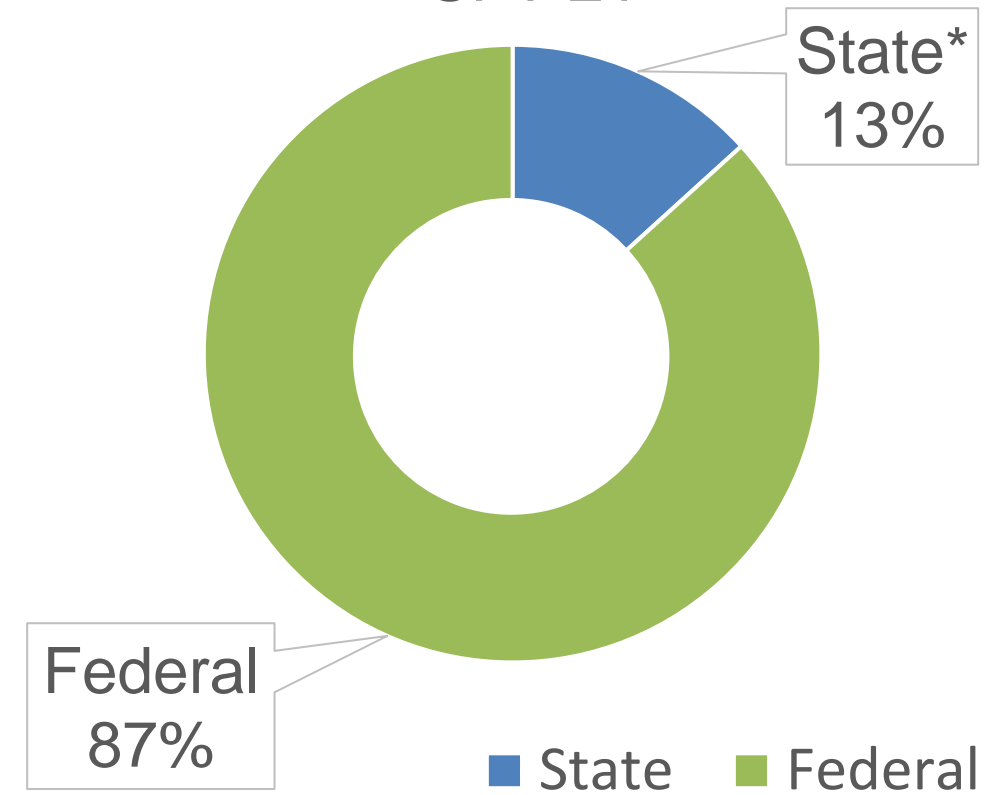
**70.2 Million trips** were provided by NC transit agencies in 2019

## IMD Spend Plan State/Federal Split

### Typical Year



### SFY 21



*\*Does not include CATS BLE*



## IMD Recent Discretionary Grant Awards

Grant	Amount	Match amount and type
FTA Human Trafficking Awareness (FY 19)	\$120,000	\$30,000 state
FTA Bus and Bus Facilities (FY 19)	\$17,275,000	\$4,318,750 local
FTA Mobility for All (FY 20)	\$280,000	\$70,000 state
FTA Accelerating Innovative Mobility (FY 20)	\$250,000	\$62,500 local
FTA Helping Obtain Prosperity for Everyone (FY 20)	\$122,048	\$13,561 state
FTA Transit Oriented Development Planning	\$900,000	\$470,000 including \$100,000 state and \$370,000 local

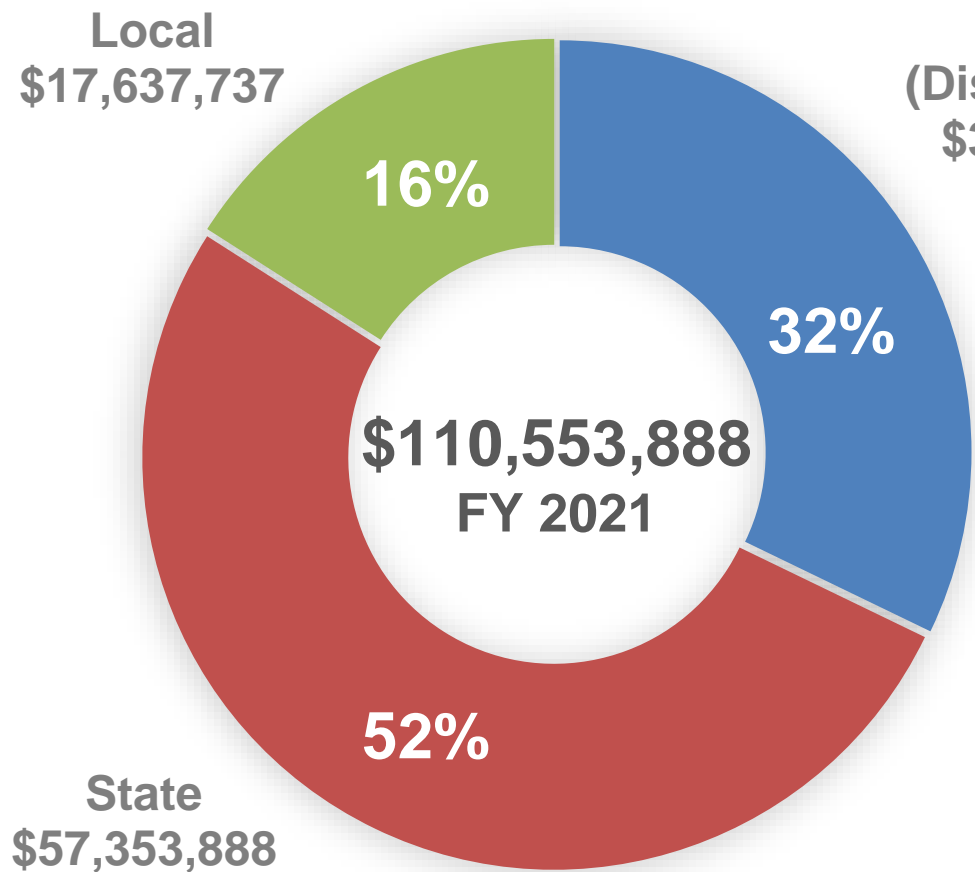
## IMD Grant Opportunities

Federal Transit Administration grant programs and amounts vary by year but have typically included:

- **Bus and bus facilities** – \$464 Million nationwide in FY 19
- **Low-No Emissions Vehicles** – approximately \$190 Million in FY 21
- **TOD Planning** – \$6.2 Million in FY 21
- **Innovations grants**, for example:
  - Accelerating Innovative Mobility - \$14 Million in FY 20
  - Mobility for All – \$3.5 Million in FY 20
  - Helping Obtain Prosperity for Everyone (HOPE) - \$8.5 Million in FY 21



# FY 21 Rail Division Spend Plan by Federal, State and Local



Federal Funds Breakdown	Amount
Sugar Creek Rd. Grade Separation	\$4,763,696
SEC Commission	\$990,383
Millbrook Rd. Grade Separation	\$10,000,000
PRIME/Piedmont Fleet Replacement	\$19,808,184
Total	\$35,562,263

## Rail Division Receipts – SFY 2020

Type	Source	Amount
Ticket Revenues	Riders	\$15,221,268
23 USC 130 Federal/State program	FHWA	\$6,500,000
Congestion Mitigation and Air Quality	FHWA	\$0
State Planning & Research	FHWA	\$0
Rail Corridor and Facility Leases and Licenses	Lessees	\$250,000
<b>Total Receipts &amp; Leveraged Funds</b>		<b>\$21,971,268</b>

# Rail Division Recent Federal Grants since 2018

Grant Project	Source	Program	Award (\$M)	Matching Funds/Source (\$M)
Southeast Corridor Acquisition Project	FRA	CRISI 2020	\$47.6	\$11.9/State Rail Funds (FRRCSI)
Piedmont Intercity Fleet & Infrastructure Investments Phase II – PRIME	FRA	Fed-State Partnership for State of Good Repair (2020)	\$80	\$20/STIP P-5719C
Piedmont Intercity Fleet & Infrastructure Investments Phase I – PRIME	FRA	Fed-State Partnership for State of Good Repair (2019)	\$76.9	\$35.6/STIP P-5719C
Piedmont Atlantic Intermodal Rail System (PAIRS) Wilmington to Charlotte	FRA	CRISI 2018	\$34.9	\$76.1/STIP Projects; \$0.3/CSX private match
Millbrook Road Grade Separation	FRA	CRISI 2017	\$10	\$37.9/STIP Projects; \$1.5/CSX private match



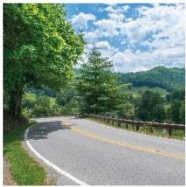
# Federal Rail Grant Opportunities and Typical Annual Funding

Grant Program	Source	National Amount
Consolidated Rail Infrastructure and Safety (CRISI)	FRA	\$375M
Fed-State Partnership for State of Good Repair	FRA	\$200M
Restoration and Enhancement	FRA	\$4.7M
BUILD	USDOT	\$1B



## **NORTH CAROLINA**

Department of Transportation



# **Modal STI Prioritization Overview**

**Jason Schronce**  
**NCDOT Strategic Prioritization Office**

**May 5, 2021**

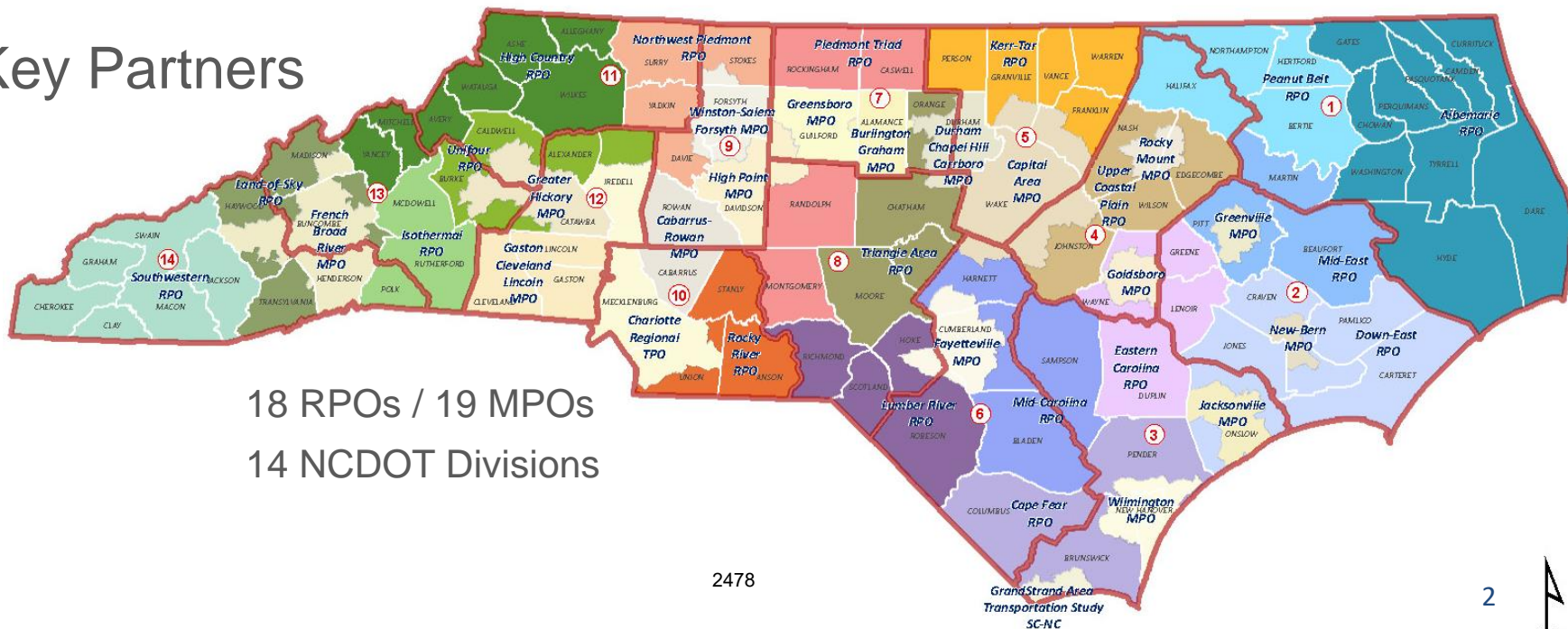
# Background

NCDOT funds six modes of transportation

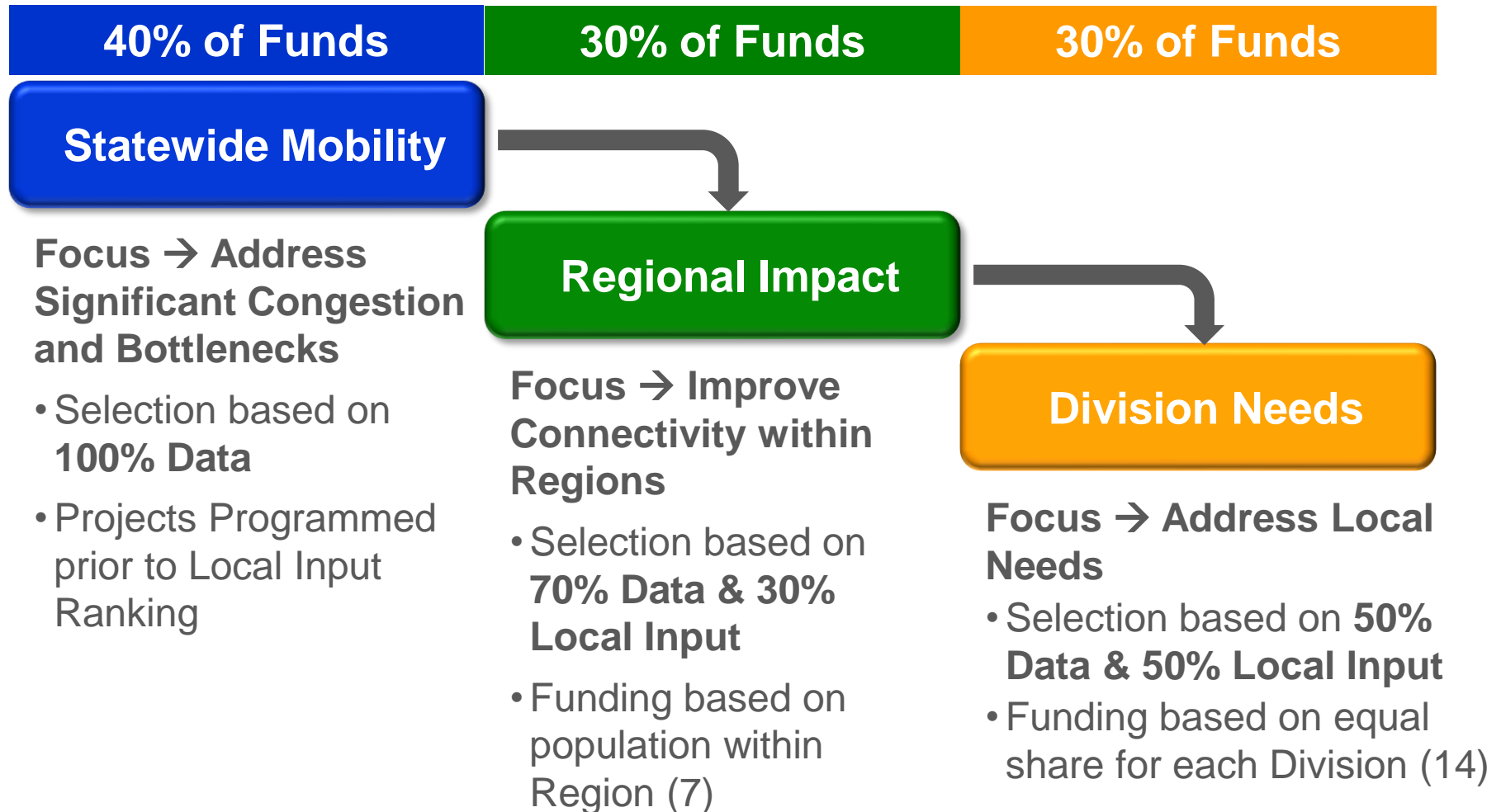
Aviation, Bike/Ped, Ferry, Highway, Rail, Transit

Annual Budget of approx. \$5.0B (\$2.5B for STI)

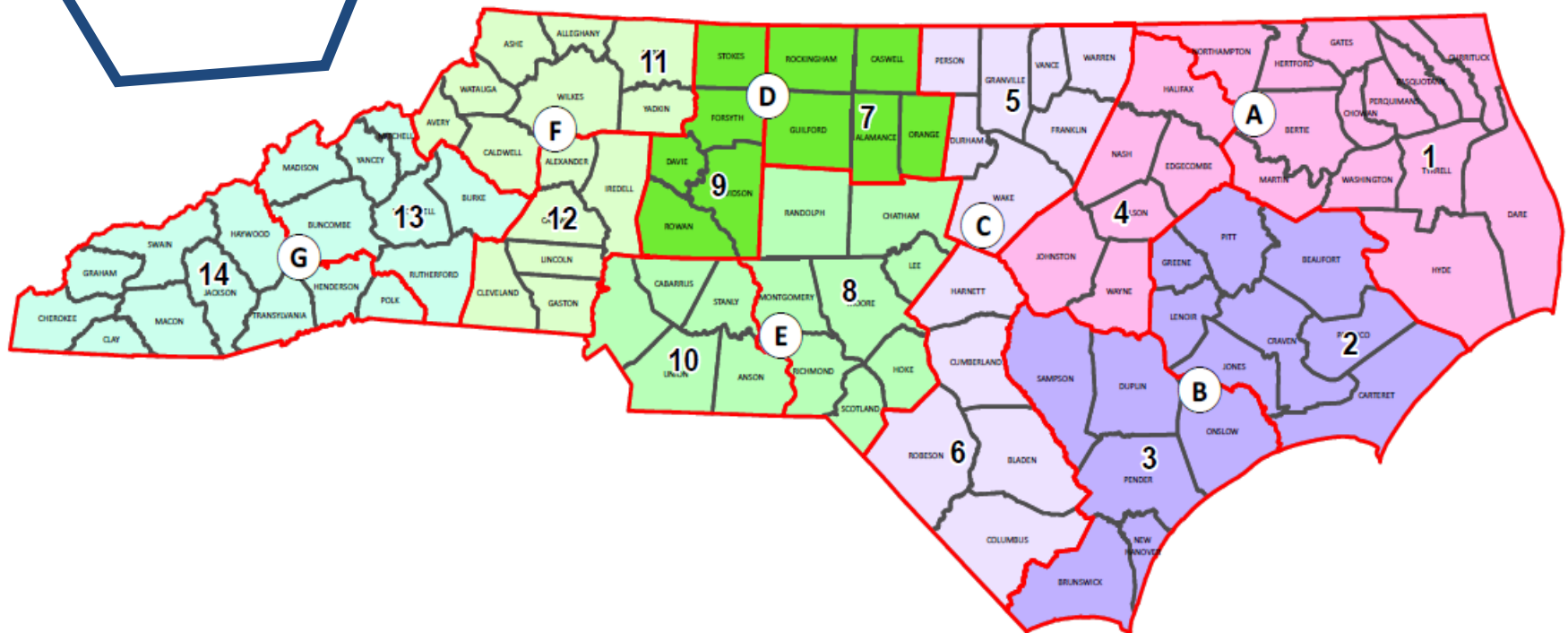
## Key Partners



# How STI Works



# Regions & Divisions





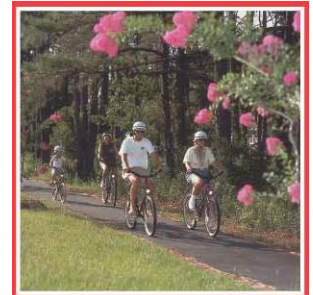
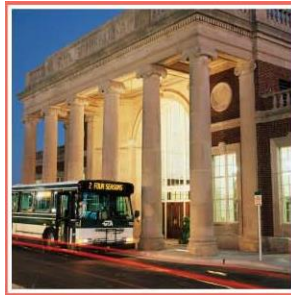
# STI Law Eligibility Definitions - Modes

Mode	Statewide Mobility	Regional Impact	Division Needs
<b>Aviation</b>	Large Commercial Service Airports (\$500K cap per project per yr)	Other Commercial Service Airports not in Statewide (\$300K cap per project per yr)	All Airports without Commercial Service (General Aviation) (\$18.5M cap per yr all projects)
<b>Bicycle-Pedestrian</b>	N/A	N/A	All standalone projects (Zero state funds)
<b>Public Transportation</b>	N/A	Service spanning two or more counties (10% cap of that Region's funds)	All other service, including terminals and stations
<b>Ferry</b>	N/A	Vessel or infrastructure expansion	Replacement vessels
<b>Rail</b>	Freight Service on Class I Railroad Corridors	Rail service spanning two or more counties not in Statewide	All other service, including terminals and stations (no short lines)

# Non-Highway Criteria

## Separate prioritization processes for each mode

- Minimum of 4 quantitative criteria
- Criteria based on 0-100 point scale with no bonus points



# Quantitative Score vs. Local Input

Funding Category	<u>QUANTITATIVE</u>		<u>LOCAL INPUT</u>	
	Data		Division	MPO/RPO
<b>Statewide Mobility</b>	Criteria 1 = 30% Criteria 2 = 25% Criteria 3 = 20% Criteria 4 = 15% Criteria 5 = 10%	100%	--	--
<b>Regional Impact</b>	Criteria 1 = 20% Criteria 2 = 20% Criteria 3 = 10% Criteria 4 = 10% Criteria 5 = 10%	70%	15%	15%
<b>Division Needs</b>	Criteria 1 = 15% Criteria 2 = 15% Criteria 3 = 10% Criteria 4 = 5% Criteria 5 = 5%	50%	25%	25%

# P6.0 Non-Highway Criteria

Aviation	Bicycle & Pedestrian	Ferry	Public Transportation	Rail
NCDOA Project Rating	Safety	Asset Condition	Impact	Benefit-Cost
FAA ACIP Rating	Accessibility/Connectivity	Benefits	Demand/Density	System Opportunities
Constructability Index	Demand/Density	Accessibility/Connectivity	Efficiency	Safety
Benefit/Cost	Cost Effectiveness	Asset Efficiency	Cost Effectiveness	Capacity and Diversion
		Capacity/Congestion		Economic Competitiveness

# Aviation Scoring

Criteria	Measure	Statewide Mobility (100%)	Regional Impact (70%)	Division Needs (50%)
NCDOA Project Rating	NCDOA Project Rating	40%	30%	25%
FAA ACIP Rating	FAA Airport Capital Improvement Plan (ACIP) rating	30%	15%	10%
Constructability Index	Sum of metrics rating project constructability	10%	10%	5%
Benefit/Cost	(Total Economic Contribution / Cost to NCDOT) + Funding Leverage	20%	15%	10%



# Bicycle & Pedestrian Scoring

Criteria	Measure	Division Needs (50%)
Safety	(Number of crashes x 40%) + (Crash severity x 20%) + (Safety risk x 20%) + (Safety benefit x 20%)	20%
Accessibility/ Connectivity	Points of Interest pts + Connections pts + Route pts	15%
Demand/ Density	# of households and employees per square mile near project	10%
Cost Effectiveness	(Safety + Accessibility/Connectivity + Demand/Density) / Cost to NCDOT	5%

# Ferry Scoring

Criteria	Measure	Regional Impact (70%)	Division Needs (50%)
Asset Condition	100 - Asset Condition Rating	15%	15%
Benefits	Number of hours (in \$) saved compared to driving	10%	10%
Accessibility/ Connectivity	# of nearby Points of Interest	10%	10%
Asset Efficiency	3-year maintenance cost / 3-year replacement cost	15%	15%
Capacity/ Congestion	% of vehicles left behind at each departure compared to total carried by the route	20%	-

# Transit Scoring: Mobility

Criteria	Measure	Regional Impact (70%)	Division Needs (50%)
Impact	Number of trips affected by project	15%	10%
Demand/ Density	Total Trips / Service population	20%	10%
Efficiency	Total trips / Total revenue seat hours	10%	10%
Cost Effectiveness	Additional trips / (Cost to NCDOT / Lifespan of project)	25%	20%

Route-specific vehicles (new or expansion only) – fixed route service

## Corridors

- Fixed guideway (commuter rail, intercity rail, light rail)
- Bus Rapid Transit (BRT)
- Bus on Shoulder System (BOSS) / Busway

# Transit Scoring: Demand Response

Criteria	Measure	Regional Impact (70%)	Division Needs (50%)
Impact	Number of trips affected by project	10%	10%
Demand/ Density	Total hours with the project in place / Service population	20%	15%
Efficiency	Vehicle Utilization Ratio	15%	10%
Cost Effectiveness	Additional trips / (Cost to NCDOT / Lifespan of project)	25%	15%

Demand Response vehicles (expansion only) – No Facilities

# Transit Scoring: Facilities

Criteria	Measure	Division Needs (50%)
Impact	Number of trips affected by project	15%
Demand/ Density	Ridership Growth Trend for the Previous 5 Years	10%
Efficiency	Efficiency Score	10%
Cost Effectiveness	Additional trips / (Cost to NCDOT / Lifespan of project)	15%

- Passenger stations
- Individual or bundled stops/shelters
- Individual or bundled park and ride lots
- Administrative / Maintenance buildings



# Rail Scoring

Criteria	Measure	Statewide Mobility* (100%)	Regional Impact (70%)	Division Needs (50%)
Benefit-Cost	(Benefits / Cost to NCDOT) + Funding Leverage	35%	25%	10%
System Opportunities	(Access/Connectivity score x 50%) + (Multimodal score x 50%)	15%	10%	15%
Safety	SARAH Investigative Index x Mitigation Factor	30%	15%	10%
Capacity and Diversion	(Volume/Capacity score x 75%) + (Highway Diversion score x 25%)	10%	10%	10%
Economic Competitiveness	Long-term Jobs Created x Unemployment Rate	10%	10%	5%

\*Only Class I Freight projects eligible in Statewide Mobility

Passenger Rail only eligible for Regional Impact and Division Needs

# Modal STI Legislation Funding Caps and Restrictions Impacting Programming



Funding limits on airport projects in all categories



Funding limit on light rail and commuter rail projects



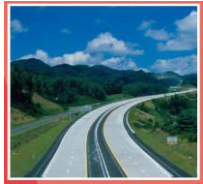
Funding limits on Regional Impact transit projects



Prohibition on using state funds to match federal-aid for independent bicycle and pedestrian projects

# Normalization

Intent of STI legislation is to fund best transportation projects, regardless of mode



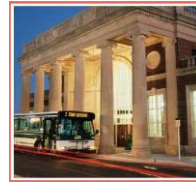
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## Challenges:

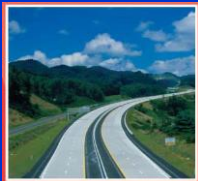
- Different criteria and weights used in each mode
- No “best practice” from national review
  - Peer Exchange in December 2014 confirms this

# Normalization

- Solution = allocation of funds between Highway and Non-Highway projects

## Statewide Mobility:

Competition based on quantitative scores, regardless of mode



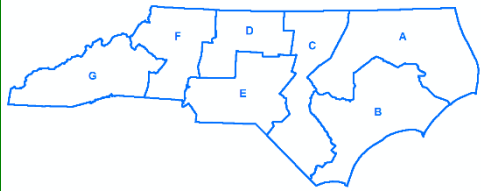
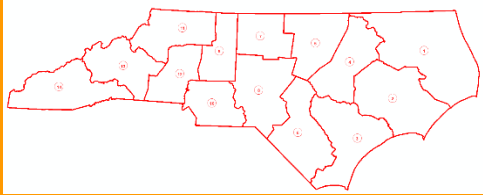
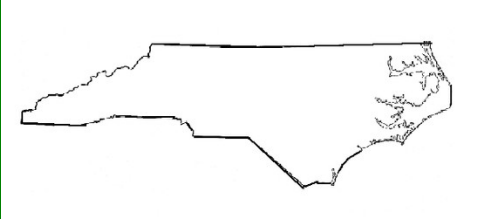
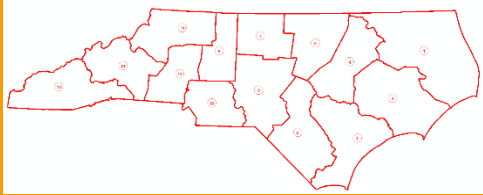
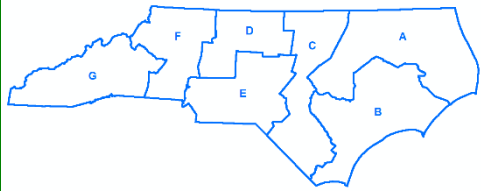
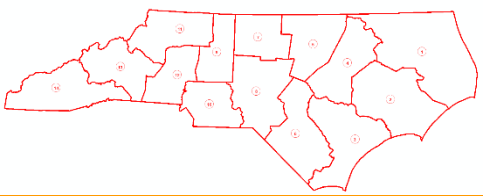
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# Normalization in P6.0

Mode	Regional Impact	Division Needs
Highway	90% (Region competition) 	90% (Division competition) 
Non-Highway	4% (Statewide competition) 	4% (Division competition) 
Flex	6% (Region competition) 	6% (Division competition) 

2495

90% / 4% / 6% continue to be applied across entire 10 year program



# State Transportation Improvement Program (STIP)

STIP identifies funding and scheduling of projects in NCDOT's capital program (~55% of DOT Budget)

10 Year Program (currently 2020-2029)

- 1st Six Years – committed projects
- 2nd Four Years – projects in early scoping and environmental development stage (carryover projects)

Updated approximately every 2-3 years after Prioritization

STIP contains different project types:

- Highway, non-highway (*Prioritization*)
- Bridges, Safety, Interstate Maintenance, CMAQ, DA funds

# Prioritization 5.0 Results & 2020-2029 STIP

## **Evaluated 2,127 Projects (\$61.4 B)**

- 1204 highway (\$54.05 B)
- 923 non-highway (\$7.35 B)

## **484 project funded (\$13.64 B) → 23% funded**

- 333 highway (\$12.76 B)
- 151 non-highway (\$0.88 B)

# Contact Information

## STRATEGIC TRANSPORTATION INVESTMENTS

*Smart decisions to keep North Carolina moving.*

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# RESOLUTION FOR CHUCK ALLEN HIGHWAY

**WHEREAS**, Chuck Allen graduated from Goldsboro High School in 1979 and from North Carolina State University in 1985; and

**WHEREAS**, Allen and his wife, Lori, raised their three children in his hometown of Goldsboro, North Carolina; and

**WHEREAS**, Allen distinguished himself in the City of Goldsboro through his business and volunteer work; and began his public service on the Goldsboro City Council in 1999; and

**WHEREAS**, Allen's greatest passion has been serving the citizens of the City of Goldsboro, serving as chairman of numerous boards and commissions, such as the Wayne County Development Alliance, Goldsboro Metropolitan Organization and was an appointee to the NC Military Affairs Commission, board member of the Wayne County Chamber of Commerce and founding member of the Highway 70 Corridor Commission; and

**WHEREAS**, Allen continued his service and was elected mayor of Goldsboro in 2016; and

**WHEREAS**, Allen's vision and leadership have been instrumental for the Highway 70 Corridor Commission that will bring an interstate through eastern North Carolina to the port in Morehead City; and

**WHEREAS**, This critical transportation facility, Future Interstate 42, will help the entire region prosper, maintain and improve our citizens' quality of life; and

**WHEREAS**, the Wayne County Board of Commissioners and the Goldsboro City Council desire to honor public servant Chuck Allen by honorarily designating a portion of the US 70 Bypass (Future Interstate 42) for him; and

## **NOW, THEREFORE, BE IT RESOLVED:**

That the North Carolina Board of Transportation honorarily designates US 70 Bypass (Future Interstate 42) from US 13 (North Berkeley Boulevard) to SR 1719 (North Beston Road) as the *Chuck Allen Highway*.

That appropriate signs will be erected at a suitable time.

Adopted this the 6<sup>th</sup> day of May 2021 by the North Carolina Board of Transportation.

  
Chairman

  
Secretary of Transportation

# RESOLUTION FOR GUS H TULLOSS BRIDGE

**WHEREAS,** Gus H. Tulloss is a life-long resident of Rocky Mount, North Carolina; and

**WHEREAS,** Tulloss is a graduate of East Carolina University with a bachelor's degree in business administration; and

**WHEREAS,** Tulloss distinguished himself in the Rocky Mount and regional community by serving through his business and volunteer work; and

**WHEREAS,** Tulloss served as president of the North Carolina Jaycees, Rocky Mount Rotary Club and Rocky Mount Area Chamber of Commerce, chairman of the Salvation Army Advisory Board and a member of the University of North Carolina Board of Governors; and

**WHEREAS,** Tulloss was awarded the Order of the Longleaf Pine in 1980, the East Carolina Boy Scout Distinguished Service award in 2005 and the Rocky Mount Chamber's Distinguished Citizen of the Year award in 2016; and

**WHEREAS,** Tulloss continued to serve his community and the State when he was appointed in 2008 by Governor Mike Easley to represent Highway Division Four on the North Carolina Board of Transportation; and

**WHEREAS,** Tulloss was reappointed to the North Carolina Board of Transportation by Governors Bev Perdue, Pat McCrory and Roy Cooper; and

**WHEREAS,** Tulloss always welcomed new Board Members with kindness and enthusiasm, helping guide many through their new challenges serving the Board; and

**WHEREAS,** Tulloss served on the state Board of Transportation for 12 years and retired from the Board in July 2020; and

**WHEREAS,** the Rocky Mount City Council respectfully requests that the North Carolina Department of Transportation name a bridge to signify and honor his contributions to the citizens of Rocky Mount, Highway Division Four and the State of North Carolina.

## **NOW, THEREFORE, BE IT RESOLVED:**

That the North Carolina Board of Transportation names the bridge on Sunset Avenue crossing Wesleyan Boulevard in Rocky Mount the ***Gus H Tulloss Bridge.***

That appropriate signs will be erected at a suitable time.

Adopted this the 6<sup>th</sup> day of May 2021 by the North Carolina Board of Transportation.

  
Chairman

2500

  
Secretary of Transportation





## ACTION ITEMS

**(ACTION ITEM 1)** McAuley Road Scenic Byway Proposal

**(ACTION ITEM 2)** Hanging Rock Scenic Byway Extension Proposal

**(ACTION ITEM 3)** Pacolet River Byway Extension Proposal