



AGENDA

North Carolina Board of Transportation

Virtual Meeting

March 3-4, 2021

Wednesday, March 3, 2021

8:30AM – 9:30AM

Advanced Technologies (ATC) Committee	Board Room (150) Important Note: Members of the Board will participate via Microsoft Teams Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot
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9:45AM – 10:15AM

Road, Bridge and Ferry Naming Committee	Board Room (150) Important Note: Members of the Board will participate via Microsoft Teams Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot
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10:30AM – 11:30AM

Multi-Modal Committee	EIC Conference Room Important Note: Members of the Board will participate via Microsoft Teams Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot
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10:30AM – 11:45AM

Highways Committee	Board Room (150) Important Note: Members of the Board will participate via Microsoft Teams Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot
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Members of the Public may access the meeting via the live stream <https://livestream.com/nc-dot>

1:00PM

WORK SESSION – FULL BOARD ATTENDANCE

Update on the Department's Archaeology Unit - Matthew Wilkerson, Archaeology Team Leader Environmental Analysis Unit	Board Room (150)
Closed Session pursuant to General Statute §143-318.11(a)(1)	Important Note: Members of the Board will participate via Microsoft Teams Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot

To begin immediately following the work session

Finance Committee (formerly called the Funding Appropriation and Strategies – FAST Committee)	Board Room (150)
	Important Note: Members of the Board will participate via Microsoft Teams Members of the Public may access the meeting via the live stream https://livestream.com/nc-dot

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

Members of the Public may access the meeting by clicking on the link <https://livestream.com/nc-dot>

Thursday, March 4, 2021

9:00AM

Location: Virtual

- Call to Order
- Ethics Statement
- Consideration of February 3-4, 2021 Meeting Minutes
- Secretary's Remarks

Chairman Fox

Secretary Boyette

Information and Delegated Authority

Product Evaluation Program Awareness

Chairman Fox

- (Item C) Award of Highway Construction Contracts from February 2021 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Approval of Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development
- (Item L) Approval of Funds for Specific Spot Safety Improvement Projects

NCDOT/DHHS Partnership on Vaccine Transportation

Julie White, Deputy Secretary

Action

Chairman Fox

- Highway Maintenance Improvement Program (HMIP)
- Amendment Two: FY21-22 Spend Plan

Project Items

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-4) Aviation
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2020-2029 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item V) Encroachment Agreement

Committee Reports

Chairman Fox

Other Business

Chairman Fox

Adjourn

Chairman Fox

**PROJECTS LIST
NORTH CAROLINA BOARD OF TRANSPORTATION
RALEIGH, NORTH CAROLINA**

March 4, 2021

Delegated Authority Secretary Boyette

- (Item C) Award of Highway Construction Contracts from February 2021 Letting
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Funds for Division-wide Small Construction, Statewide Contingency, Public Access, and Economic Development
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action..... Chairman Fox

- (Item G) Additions, Abandonments, and Road Name Changes to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program **(No Item)**
 - (Item I-3) Bicycle and Pedestrian **(No Item)**
 - (Item I-4) Aviation
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2020-2029 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations **(No Item)**
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation **(No Item)**
- (Item V) Encroachment Agreement

NCDOT Board of Transportation Agenda

ITEM C

February 16, 2021

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

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

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ITEM C
* RELET FROM MAY 19, 2020

* C204593
50198.3.1
STATE FUNDED
PERQUIMANS
R-5740

PROPOSAL LENGTH 4.392 MILES

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

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

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

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

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

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

AWARDED

MAY 19, 2020 LETTING

50198.3.1
STATE FUNDED
PERQUIMANS
RPN 001

GRADING, DRAINAGE, PAVING, AND CULVERTS.

DATE AVAILABLE JUN 20 2020
FINAL COMPLETION APR 30 2022

ENGINEER'S ESTIMATE

\$7,970,662.55

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

FEBRUARY 16, 2021 LETTING

50198.3.1
STATE FUNDED
PERQUIMANS
RPN 001

GRADING, DRAINAGE, PAVING, AND CULVERTS.

DATE AVAILABLE MAR 29 2021
FINAL COMPLETION JAN 28 2023

ENGINEER'S ESTIMATE

\$6,116,419.8

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

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

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ITEM C

C204434
33723.3.1
STATE FUNDED
CRAVEN
B-4484

PROPOSAL LENGTH 0.701 MILES

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

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

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

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

DATE AVAILABLE JUL 07 2021

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

FINAL COMPLETION DEC 12 2024

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

AWARDED

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

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C204449
15BPR.45
STATE FUNDED
PENDER, DUPLIN

PROPOSAL LENGTH 0.084 MILES

TYPE OF WORK BRIDGE PRESERVATION.

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

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

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

DATE AVAILABLE MAR 29 2021

FINAL COMPLETION OCT 01 2021

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

AWARDED

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

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C204535
45594.3.1
STATE FUNDED
DUPLIN
B-5639

PROPOSAL LENGTH 0.329 MILES

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

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

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

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

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

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

AWARDED

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

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C204534
55034.3.1
STATE FUNDED
DUPLIN
B-5534

PROPOSAL LENGTH 0.303 MILES

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

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

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

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

DATE AVAILABLE MAR 29 2021

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

FINAL COMPLETION JAN 10 2023

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

AWARDED

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

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C204489
45617.3.1
2020001
HALIFAX
B-5662

PROPOSAL LENGTH 0.197 MILES

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

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

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

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

DATE AVAILABLE MAR 29 2021

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

FINAL COMPLETION FEB 28 2023

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

AWARDED

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

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C204517
45626.3.1
STATE FUNDED
EDGECOMBE
B-5671

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

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

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

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

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

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
FEBRUARY 16, 2021
DIVISION 00005

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C204602
2021CPT.05.23.20392.1
STATE FUNDED
GRANVILLE

PROPOSAL LENGTH 11.942 MILES

TYPE OF WORK RESURFACING.

LOCATION 5 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2022..96% OF BID
FY-2023..04% OF BID

RPN 008 2 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 789,317.91

DATE AVAILABLE JUL 01 2021

FINAL COMPLETION AUG 01 2022

	\$ TOTALS	% DIFF
BOXLEY MATERIALS COMPANY ROANOKE, VA	643,370.55	-18.5
SLURRY PAVERS INC RICHMOND, VA	675,552.29	-14.4

AWARDED

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

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

PROPOSAL LENGTH 23.360 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

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

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

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

DATE AVAILABLE MAY 01 2021

FINAL COMPLETION AUG 01 2022

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

AWARDED

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

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C204601
2021CPT.08.06.10631
STATE FUNDED
MOORE

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

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

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

DATE AVAILABLE MAR 29 2021
FINAL COMPLETION NOV 15 2021

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

AWARDED

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

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C204607
2021CPT.08.07.20761
STATE FUNDED
RANDOLPH

PROPOSAL LENGTH 18.914 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 10 SECTIONS OF SECONDARY ROADS.

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

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

DATE AVAILABLE MAR 29 2021

FINAL COMPLETION JUN 30 2022

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

AWARDED

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

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C204608
2021CPT.08.08.20761
STATE FUNDED
RANDOLPH

PROPOSAL LENGTH 23.105 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 8 SECTIONS OF SECONDARY ROADS.

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

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

DATE AVAILABLE MAR 29 2021

FINAL COMPLETION JUN 30 2022

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

AWARDED

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

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C204394
49078.3.1
STATE FUNDED
STOKES
BR-0047

PROPOSAL LENGTH 0.299 MILES

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

LOCATION BRIDGE #10 OVER US-52 ON SR-1105.

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

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

DATE AVAILABLE MAR 29 2021

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

FINAL COMPLETION FEB 11 2023

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

AWARDED

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

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C204604
2021CPT.09.02.20291
STATE FUNDED
DAVIDSON

PROPOSAL LENGTH 28.600 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 18 SECTIONS OF SECONDARY ROADS.

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

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

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

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

AWARDED

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

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C204490
45778.3.1
STATE FUNDED
YADKIN, FORSYTH
B-5825

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

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

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

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

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

AWARDED

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

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ITEM C

C204304
15BPR.40
STATE FUNDED
BUNCOMBE

PROPOSAL LENGTH 0.266 MILES

TYPE OF WORK BRIDGE PRESERVATION.

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

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

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

DATE AVAILABLE MAR 29 2021

FINAL COMPLETION SEP 15 2022

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

AWARDED

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

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ITEM C

C204386
67009.3.1
STATE FUNDED
BUNCOMBE
BR-0009

PROPOSAL LENGTH 0.118 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #79 OVER BROAD RIVER ON NC-9.

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

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

DATE AVAILABLE APR 15 2021
INTER COMPLETION JUN 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION NOV 28 2022

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

AWARDED

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

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ITEM C

C204600
2021CPT.14.11.10451
STATE FUNDED
HENDERSON

PROPOSAL LENGTH 5.810 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-25.

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

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

DATE AVAILABLE APR 15 2021

FINAL COMPLETION OCT 15 2021

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

AWARDED

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

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ITEM C

C204605
2021CPT.14.12.10201
STATE FUNDED
CHEROKEE

PROPOSAL LENGTH 8.100 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-19/74.

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

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

DATE AVAILABLE APR 15 2021

FINAL COMPLETION OCT 15 2022

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

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

AWARDED

**NCDOT MARCH 2021
Board of Transportation Agenda**

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

Professional Services Management

Chief Operating Officer

Chief Engineer

Deputy Chief Engineer

Field Support

Design-Build Unit

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

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

Divisions

Division 2

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

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

Turnpike Authority

Turnpike Authority

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

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

END of ITEM D.

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

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

Projects to Establish Funds:

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

Item E Summary:

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

March 4, 2021

NCDOT March 4, 2021 Board of Transportation Agenda

Additions to the State Highway System:

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

NCDOT March 4, 2021 Board of Transportation Agenda

Additions to the State Highway System:

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

NCDOT March 4, 2021 Board of Transportation Agenda

Additions to the State Highway System:

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

NCDOT March 4, 2020 Board of Transportation Agenda

Abandonments from the State Highway System:

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

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

Corrections to the State Highway System:

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

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

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

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

March 4, 2021

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

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

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

NCDOT March Board of Transportation Agenda

Public Transportation Program

<u>Division</u>	<u>Project Number</u>	<u>DEMONSTRATION GRANT</u>	<u>Estimated Project Cost</u>
07	22-DG-113	CITY OF HIGH POINT FY22 FURNITURE MARKET- OPERATING In conjunction with the High Point Market Authority, funds will support transportation for the annual Fall and Spring furniture markets in High Point. Disburse up to \$600,000 for each market subject to appropriations by the Legislature. Application Number: 1000010977	\$1,200,000.00 Total \$0.00 Federal \$1,200,000.00 State \$0.00 Local
<u>Division</u>	<u>Project Number</u>	<u>5310</u>	<u>Estimated Project Cost</u>
11	22-MM-031	YADKIN VALLEY ECONOMIC DEVELOPMENT DISTRICT INC FY22 Elderly & Disabled Mobility Mgmt. Mobility Manager for Davie, Stokes, Surry and Yadkin counties enhanced mobility of seniors and individuals with disabilities. Application Number: 1000010406	\$44,681.00 Total \$22,340.00 Federal \$0.00 State \$22,341.00 Local
13	22-ED-068	RUTHERFORD LIFE SERVICES INC FY22 5310 PURCHASE OF SERVICE Purchase of service from for enhanced mobility of seniors and individuals with disabilities Application Number: 1000010458	\$100,000.00 Total \$80,000.00 Federal \$10,000.00 State \$10,000.00 Local
<u>Division</u>	<u>Project Number</u>	<u>5311 – ADMIN</u>	<u>Estimated Project Cost</u>
06	22-CT-053	BLADEN COUNTY FINANCE OFFICE FY22 Community Transportation Admin. Administrative costs related to rural community transportation services Application Number: 1000010523	\$162,337.00 Total \$129,869.00 Federal \$8,116.00 State \$24,352.00 Local
08	22-CT-075	RICHMOND INTERAGENCY TRANSPORTATION, INC. FY22 Community Transportation Admin. Administrative costs related to rural community transportation services Application Number: 1000010321	\$205,108.00 Total \$164,086.00 Federal \$10,255.00 State \$30,767.00 Local
08	22-CT-078	HOKE COUNTY FY22 Community Transportation Admin. Administrative costs related to rural community transportation services Application Number: 1000010325	\$144,465.00 Total \$115,572.00 Federal \$7,223.00 State \$21,670.00 Local

NCDOT March Board of Transportation Agenda

Public Transportation Program

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

NCDOT March Board of Transportation Agenda

Public Transportation Program

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

NCDOT March Board of Transportation Agenda

Public Transportation Program

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

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

NCDOT March 2021 Board of Transportation Agenda

Rail Program

**Town/County
Division**

Project Description

**Estimated
Cost**

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

ITEM I - 2 SUMMARY – NO PROJECTS

NCDOT March 2021 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation

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

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT March 2021 Board of Transportation Agenda

Aviation Program

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

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Aviation Program

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

L-1

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

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

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

L-2

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

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

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

L-3

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

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

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Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

L-4

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

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

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

L-5

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

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

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

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

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and for Specific Spot Mobility Projects**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

File 05-20-60273C

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

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

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

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Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

L-23

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

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

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Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

L-24

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

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

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Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects

L-25

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

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

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and for Specific Spot Mobility Projects

L-26

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

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

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and for Specific Spot Mobility Projects**

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

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

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

File 09-20-2894C

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

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

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

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L-30

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

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

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L-31

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

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

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L-32

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

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

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Approval of Funds for Specific Spot Safety Improvement Projects
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L-33

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

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

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L-34

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

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

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L-35

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Yadkin Co. Div. 11 SS-6011M	WBS 49580.1.1 NC 67 at SR 1003 (Smithtown Road) and SR 1570 (Nebo Road). Initial Spot Safety preliminary engineering funds are needed for traffic signal installation, Reduce Speed Ahead signs installation, and pavement marking revisions. File 11-20-208P	\$4,500.00
Newton/ Catawba Co. Div. 12 SS-60120	WBS 49583.3.1 US 321 Business at SR 1154 (Radio Station Road/West A Street. Initial Spot Safety construction funds are needed for traffic signal and pavement marking revisions. File 12-20-201C	\$153,000.00
Newton/ Catawba Co. Div. 12 SS-60120	WBS 49583.1.1 US 321 Business at SR 1154 (Radio Station Road/West A Street. Initial Spot Safety preliminary engineering funds are needed for traffic signal and pavement marking revisions. File 12-20-201P	\$27,000.00
Newton/ Catawba Co. Div. 12 SS-60120	WBS 49583.2.1 US 321 Business at SR 1154 (Radio Station Road/West A Street. Initial Spot Safety right of way and utilities funds are needed for traffic signal and pavement marking revisions. File 12-20-201R	\$10,800.00
Shelby/ Cleveland Co. Div. 12 SS-6012M	WBS 49581.3.1 SR 1005 (Lafayette Street) at SR 1827 (Ross Grove Road). Initial Spot Safety construction funds are needed for All Way Stop installation. File 12-20-212C	\$20,700.00

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L-36

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

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

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

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

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

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

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

L-39

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

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

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

L-40

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

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

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

L-41

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

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

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

L-42

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

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

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

L-43

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

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

March 4, 2021

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

Division 1

Bridge

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

Rural

Martin Co. R-3826 REGIONAL	34553.4.FRU1, STP-0125(1) NC 125 from SR 1182 (East College Road) to NC 125 northwest of Williamston. \$255,000.00 has previously been approved for utility relocations. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$166,415.00 Cost \$132,917.00 Fed. \$33,498.00 State
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**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

Safety

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

Rural

Craven Co. R-1015 DIV/REG	34360.3.GV4, NHF-0070(049) US 70 (Havelock Bypass) from north of Pine Grove to north of the Carteret County Line. \$212,355,052.00 has previously been approved for construction. Additional funds are needed to correct the non-Federal share (state match). Strategic Impact funds for this request are 100% Division Needs.	\$3,751,777.00 Cost \$3,751,777.00 State
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**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Urban

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

Safety

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

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

Division 4

Interstate

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

Urban

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

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

Division 4 (Continued)

Safety

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

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

Division 5

Congestion Mitigation

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

Safety

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

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

Division 6

Urban

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

Bridge

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

Safety

Cumberland Co. W-5706Z REGIONAL	44852.2.27, Federal No. 0210043 NC 210 at the curve northwest of Pea Field Road near Autryville. Funds are needed for full right of way and utilities.	\$10,315.00 Cost \$9,283.00 Fed. \$1,032.00 State
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**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Safety

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

Rural

Cumberland Co. X-0002CC EXEMPT	35196.3.FS22, NHF-0100(23) Fayetteville Outer Loop from east of SR 1007 (All American Freeway) to east of US 401 (Ramsey Street). \$37,042,084.19 has previously been approved for construction. Funds need to be decreased (\$3,120,720.00). Work associated with this WBS is complete. This WBS will be closed.	(\$3,120,720.00) Cost (\$2,496,853.00) Fed. (\$623,867.00) State
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**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Interstate

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

Safety

Guilford Co. W-5807A REGIONAL	48952.1.2, Federal No. 2526004 SR 2526 (Summit Avenue) at eastbound US 220 (Wendover Avenue). Funds are needed for preliminary engineering.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State
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**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Rail Program

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

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

Division 7 (Continued)

Rural

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

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

Division 8

Urban

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

Safety

Chatham Co. W-5808B STATEWIDE	48953.1.3, Federal No. 0421113 US 421 at NC 902 near Bear Creek. Funds are needed for preliminary engineering.	\$85,000.00 Cost \$76,500.00 Fed. \$8,500.00 State
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NCDOT March 2021 Board of Transportation Agenda Approval of Funds for Specific Federal - Aid Projects

Division 9

Urban

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

Bridge

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

Safety

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

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

Division 10

Urban

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

Bridge

Mecklenburg Co. B-5105 EXEMPT	42180.2.FDU1, BRSTP-4982(7) Replace Bridge #49 over Little Sugar Creek on SR 4982 (South Lancaster Highway). \$52,000.00 has previously been approved for utility relocations. Additional funds are needed to cover expenditures that exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) Transition project.	\$129,210.00 Cost \$129,210.00 State
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**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Bridge

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

Safety

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

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

Division 10 (Continued)

Safety

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

Rail Program

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

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

Division 10 (Continued)

Bicycle and Pedestrian

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

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

Division 11

Urban

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

Rural

Ashe Co. R-2915B EXEMPT	34518.2.FR2, STP-0221(40) US 221 from SR 1003 (Idlewild Road) to north of the South Fork New River. \$7,861,168.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments (STI) Transition project.	\$112,365.00 Cost \$89,892.00 Fed. \$22,473.00 State
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NCDOT March 2021 Board of Transportation Agenda Approval of Funds for Specific Federal - Aid Projects

Division 12

Congestion Mitigation

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

Safety

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

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

Division 13

Safety

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

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

Division 13 (Continued)

Rural

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

NCDOT March 2021 Board of Transportation Agenda

Approval of Funds for Specific Federal - Aid Projects

Division 14

Safety

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

Rural

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

Transylvania Co. EB-5858 DIVISION	47314.1.1, TAP-1402(012) Pedestrian bridge over the Davidson River in Brevard, approximately 0.1 mile north of NC 280 / US 64 to connect with existing US 276 greenway. \$300,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 Local
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**NCDOT March 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Congestion Mitigation

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

Bridge

Statewide B-9999 SW/REG/DIV	33842.3.1, BR-000S(234) Statewide Bridge Inspection Program. \$121,307,744.50 has previously been approved for bridge inspections. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Strategic Impact funds for this project are 40% Statewide Mobility, 30% Regional Impact, and 30% Division Needs.	\$18,750,000.00 Cost \$15,000,000.00 Fed. \$3,750,000.00 State
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ITEM M SUMMARY - 85 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$41,549,381.00

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

DIVISION 2

* TL-0009	FLEET SERVICE BUILDING EXPANSION.	CONSTRUCTION	FY 2021 -	\$13,000	(L)
PITT	<u>ADD PROJECT TL-0009 TO STIP FOR FY 2021. NEW</u>		FY 2021 -	\$113,000	(CARES)
PROJ.CATEGORY	<u>PROJECT DEVELOPED FOR FEDERAL FUNDING</u>		FY 2022 -	\$85,000	(L)
PUBLIC TRANS	<u>AWARD. PROJECT ADDED AT THE REQUEST OF</u>		FY 2022 -	\$765,000	(CARES)
	<u>GREENVILLE URBAN AREA MPO</u>			\$976,000	

STIP MODIFICATIONS**DIVISION 1**

* B-6053	PROVIDENCE ROAD, REPLACE BRIDGE 690034 OVER	UTILITIES	FY 2021 -	\$40,000	(BGOFF)
PASQUOTANK	KNOBBS CREEK TRIBUTARY IN ELIZABETH CITY.		FY 2021 -	\$10,000	(L)
PROJ.CATEGORY	<u>ACCELERATE UTILITIES FROM FY 24 TO FY 21 AND</u>	CONSTRUCTION	FY 2021 -	\$400,000	(BGOFF)
DIVISION	<u>CONSTRUCTION FROM FY 26 TO FY 21 AT REQUEST</u>		FY 2021 -	\$700,000	(L)
	<u>OF THE CITY AND THE DIVISION DUE TO BRIDGE</u>			\$1,150,000	
	<u>CONDITION. REMOVE RIGHT-OF-WAY PREVIOUSLY</u>				
	<u>PROGRAMMED IN FY 24.</u>				

DIVISION 2

R-5942	US 13/US 258, NC 91 TO US 258 SPLIT. UPGRADE TO	RIGHT-OF-WAY	FY 2029 -	\$3,500,000	(T)
GREENE	FREEWAY.		POST YR-	\$3,500,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	UTILITIES	FY 2029 -	\$2,279,000	(T)
DIVISION	<u>THRESHOLDS.</u>	CONSTRUCTION	POST YR-	\$71,200,000	(T)
				\$80,479,000	

DIVISION 3

EB-6039	CAROLINA BEACH, CONSTRUCT BIKE LANES ALONG	ENGINEERING	FY 2020 -	\$59,000	(TADA)
NEW HANOVER	ST. JOSEPH AVENUE AND LEWIS DRIVE FROM LAKE		FY 2020 -	\$15,000	(L)
PROJ.CATEGORY	PARK BOULEVARD TO ACCESS DRIVE IN CAROLINA	CONSTRUCTION	FY 2022 -	\$333,000	(TADA)
DIVISION	BEACH.		FY 2022 -	\$83,000	(L)
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$490,000	
	<u>DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY</u>				
	<u>22.</u>				

* HO-0002C	US 74, I-95 IN LUMBERTON TO I-140 IN WILMINGTON.	CONSTRUCTION	FY 2021 -	\$4,705,000	(HSIP)
BRUNSWICK	INSTALL BROADBAND.		FY 2021 -	\$523,000	(S(M))
COLUMBUS	<u>ADD CONSTRUCTION IN FY 21 NOT PREVIOUSLY</u>		FY 2022 -	\$4,705,000	(HSIP)
ROBESON	<u>PROGRAMMED.</u>		FY 2022 -	\$523,000	(S(M))
PROJ.CATEGORY				\$10,456,000	
STATEWIDE					

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

DIVISION 3

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

DIVISION 4

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

DIVISION 5

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

DIVISION 5

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

* INDICATES FEDERAL AMENDMENT

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DIVISION 5

* EB-5834	NC 157 / SR 1322 (GUESS ROAD), HILLCREST DRIVE TO	ENGINEERING	FY 2023 -	\$84,000	(TAANY)
DURHAM	SR 1407 (WEST CARVER STREET) IN DURHAM.		FY 2023 -	\$24,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALKS ON BOTH SIDES.	RIGHT-OF-WAY	FY 2025 -	\$163,000	(TAANY)
DIVISION	<u>TO ACCOMMODATE ACCELERATION OF U-5823,</u>		FY 2025 -	\$41,000	(L)
	<u>DELAY ENGINEERING FROM FY 19 TO FY 23, RIGHT OF</u>	CONSTRUCTION	FY 2026 -	\$471,000	(TAANY)
	<u>WAY FROM FY 21 TO FY 25, AND CONSTRUCTION</u>		FY 2026 -	\$118,000	(L)
	<u>FROM FY 22 TO FY 26 AT REQUEST OF MPO.</u>			\$901,000	
* EB-5835	NC 55 (ALSTON AVENUE), SR 1171 (RIDDLE ROAD) TO	ENGINEERING	FY 2025 -	\$84,000	(TAANY)
DURHAM	CECIL STREET IN DURHAM. CONSTRUCT SIDEWALK		FY 2025 -	\$21,000	(L)
PROJ.CATEGORY	ON EAST SIDE TO FILL IN MISSING GAPS.	RIGHT-OF-WAY	FY 2027 -	\$40,000	(TAANY)
DIVISION	<u>TO ACCOMMODATE ACCELERATION OF U-5823,</u>		FY 2027 -	\$10,000	(L)
	<u>DELAY ENGINEERING FROM FY 20 TO FY 25, RIGHT OF</u>	CONSTRUCTION	FY 2028 -	\$420,000	(TAANY)
	<u>WAY FROM FY 22 TO FY 27, AND CONSTRUCTION</u>		FY 2028 -	\$105,000	(L)
	<u>FROM FY 23 TO FY 28 AT REQUEST OF MPO.</u>			\$680,000	
* HL-0006	US 401, SR 1393 (HILLTOP-NEEDMORE ROAD) / SR	RIGHT-OF-WAY	FY 2024 -	\$7,500,000	(NHPBA)
WAKE	2751 (HILLTOP ROAD) / SR 2752 (AIR PARK ROAD)	UTILITIES	FY 2024 -	\$400,000	(NHPBA)
PROJ.CATEGORY	INTERSECTION AND SR 1375 (LAKE WHEELER ROAD)	CONSTRUCTION	FY 2025 -	\$13,400,000	(NHPBA)
EXEMPT	INTERSECTION IN FUQUAY-VARINA. CONVERT TO			\$21,300,000	
	REDUCED-CONFLICT INTERSECTIONS AND REALIGN				
	SR 2751 TO INTERSECT OPPOSITE SR 1375.				
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>				
	<u>THRESHOLDS.</u>				
* HO-0001AA	NCSU CAMPUS, CONNECTED VEHICLE	ENGINEERING	FY 2021 -	\$85,000	(DP)
WAKE	INFRASTRUCTURE, TRAFFIC SIGNAL SYSTEM		FY 2021 -	\$84,000	(S)
PROJ.CATEGORY	IMPROVEMENTS, SAFETY APPLICATION AND	CONSTRUCTION	FY 2021 -	\$804,000	(DP)
EXEMPT	SYSTEMS ENGINEERING		FY 2021 -	\$804,000	(S)
	<u>ADD NEW PROJECT BREAK AT REQUEST OF</u>			\$1,777,000	
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				
* HO-0001AB	NCSU CAMPUS, TRANSIT SIGNAL PRIORITY	ENGINEERING	FY 2022 -	\$70,000	(DP)
WAKE	APPLICATION AND DATA COLLECTION AND		FY 2022 -	\$70,000	(S)
PROJ.CATEGORY	MANAGEMENT	RIGHT-OF-WAY	FY 2022 -	\$24,000	(DP)
EXEMPT	<u>ADD NEW PROJECT BREAK AT REQUEST OF</u>		FY 2022 -	\$24,000	(S)
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2022 -	\$430,000	(DP)
			FY 2022 -	\$430,000	(S)
				\$1,048,000	

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

* INDICATES FEDERAL AMENDMENT

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DIVISION 7

C-5602	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$5,000	(CMAQ)
GUILFORD	AIR QUALITY IN THE BURLINGTON-GRAHAM MPO.		FY 2020 -	\$1,000	(L)
ORANGE	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$5,000	(CMAQ)
PROJ.CATEGORY	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$1,000	(L)
EXEMPT	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$5,000	(CMAQ)
	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$1,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$5,000	(CMAQ)
			FY 2020 -	\$1,000	(L)
			FY 2021 -	\$5,000	(CMAQ)
			FY 2021 -	\$1,000	(L)
			FY 2022 -	\$5,000	(CMAQ)
			FY 2022 -	\$1,000	(L)
		CONSTRUCTION	FY 2020 -	\$26,000	(CMAQ)
			FY 2020 -	\$7,000	(L)
			FY 2021 -	\$26,000	(CMAQ)
			FY 2021 -	\$7,000	(L)
			FY 2022 -	\$26,000	(CMAQ)
			FY 2022 -	\$7,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$5,000	(CMAQ)
			FY 2020 -	\$1,000	(L)
			FY 2021 -	\$5,000	(CMAQ)
			FY 2021 -	\$1,000	(L)
			FY 2022 -	\$5,000	(CMAQ)
			FY 2022 -	\$1,000	(L)
		OPERATIONS	FY 2020 -	\$5,000	(CMAQ)
			FY 2020 -	\$1,000	(L)
			FY 2021 -	\$5,000	(CMAQ)
			FY 2021 -	\$1,000	(L)
			FY 2022 -	\$5,000	(CMAQ)
			FY 2022 -	\$1,000	(L)
				\$171,000	

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DIVISION 7

C-5607	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$96,000	(CMAQ)
GUILFORD	AIR QUALITY IN THE GREENSBORO URBAN AREA MPO.		FY 2020 -	\$24,000	(L)
PROJ.CATEGORY	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$96,000	(CMAQ)
EXEMPT	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$24,000	(L)
	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$96,000	(CMAQ)
	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$24,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$96,000	(CMAQ)
			FY 2020 -	\$24,000	(L)
			FY 2021 -	\$96,000	(CMAQ)
			FY 2021 -	\$24,000	(L)
			FY 2022 -	\$96,000	(CMAQ)
			FY 2022 -	\$24,000	(L)
		CONSTRUCTION	FY 2020 -	\$574,000	(CMAQ)
			FY 2020 -	\$144,000	(L)
			FY 2021 -	\$574,000	(CMAQ)
			FY 2021 -	\$144,000	(L)
			FY 2022 -	\$574,000	(CMAQ)
			FY 2022 -	\$144,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$96,000	(CMAQ)
			FY 2020 -	\$24,000	(L)
			FY 2021 -	\$96,000	(CMAQ)
			FY 2021 -	\$24,000	(L)
			FY 2022 -	\$96,000	(CMAQ)
			FY 2022 -	\$24,000	(L)
		OPERATIONS	FY 2020 -	\$96,000	(CMAQ)
			FY 2020 -	\$24,000	(L)
			FY 2021 -	\$96,000	(CMAQ)
			FY 2021 -	\$24,000	(L)
			FY 2022 -	\$96,000	(CMAQ)
			FY 2022 -	\$24,000	(L)
				\$3,594,000	
EB-5721	ORANGE COUNTY BICYCLE ROUTE 1, CLELAND DRIVE	CONSTRUCTION	FY 2022 -	\$775,000	(TAANY)
ORANGE	TO WILLOW DRIVE IN CHAPEL HILL. UPGRADE		FY 2022 -	\$194,000	(L)
PROJ.CATEGORY	EXISTING OFF-ROAD PATH AND CONSTRUCT NEW			\$969,000	
DIVISION	SECTION OF PATH.				
	<u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE,</u>				
	<u>DELAY CONSTRUCTION FROM FY 21 TO FY 22 AT</u>				
	<u>REQUEST OF MPO.</u>				
* EB-5880	SR 1005 (JONES FERRY ROAD), DAVIE ROAD TO SR	ENGINEERING	FY 2023 -	\$71,000	(TAANY)
ORANGE	1010 (WEST MAIN STREET) IN CARRBORO.		FY 2023 -	\$18,000	(L)
PROJ.CATEGORY	CONSTRUCT SIDEWALK ON NORTH SIDE.	RIGHT-OF-WAY	FY 2024 -	\$25,000	(TAANY)
DIVISION	<u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE,</u>		FY 2024 -	\$6,000	(L)
	<u>DELAY ENGINEERING FROM FY 22 TO FY 23, RIGHT-</u>	CONSTRUCTION	FY 2025 -	\$353,000	(TAANY)
	<u>OF-WAY FROM FY 23 TO FY 24, AND CONSTRUCTION</u>		FY 2025 -	\$88,000	(L)
	<u>FROM FY 24 TO FY 25 AT REQUEST OF MPO.</u>			\$561,000	

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* EB-5886A ORANGE PROJ.CATEGORY DIVISION	SR 1780 (ESTES DRIVE), SR 1772 (NORTH GREENSBORO STREET) TO SOUTH OF NORFOLK-SOUTHERN RR TRACKS IN CARRBORO <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 20 TO FY 22, RIGHT-OF-WAY FROM FY 21 TO FY 24, AND CONSTRUCTION FROM FY 22 TO FY 26 AT REQUEST OF MPO.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2022 - FY 2024 - FY 2024 - FY 2026 - FY 2026 -	\$136,000 \$34,000 \$37,000 \$9,000 \$678,000 \$170,000	(TAANY) (L) (TAANY) (L) (TAANY) (L)
				\$1,064,000	
* EB-5886B ORANGE PROJ.CATEGORY DIVISION	SR 1780 (ESTES DRIVE), SOUTH OF NORFOLK-SOUTHERN RR TRACKS TO NC 86 (MARTIN LUTHER KING, JR. BLVD) IN CHAPEL HILL <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 20 TO FY 22, RIGHT-OF-WAY FROM FY 21 TO FY 23, AND CONSTRUCTION FROM FY 22 TO FY 25 AT REQUEST OF MPO.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2023 - FY 2025 - FY 2025 -	\$427,000 \$107,000 \$691,000 \$173,000 \$2,483,000 \$621,000	(TAANY) (L) (TAANY) (L) (TAANY) (L)
				\$4,502,000	
* EB-5890 ORANGE PROJ.CATEGORY DIVISION	BARNES STREET, KING STREET TO SR 1005 (JONES FERRY ROAD) IN CARRBORO. CONSTRUCT SIDEWALK. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 22 TO FY 23, RIGHT-OF-WAY FROM FY 23 TO FY 24, AND CONSTRUCTION FROM FY 24 TO FY 25 AT REQUEST OF MPO.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2023 - FY 2023 - FY 2024 - FY 2024 - FY 2025 - FY 2025 -	\$37,000 \$9,000 \$13,000 \$3,000 \$184,000 \$46,000	(TAANY) (L) (TAANY) (L) (TAANY) (L)
				\$292,000	
* EB-5994 ORANGE PROJ.CATEGORY DIVISION	NC 54, ANDERSON PARK TO JAMES STREET IN CARRBORO. CONSTRUCT MULTIUSE PATH ON NORTH SIDE OF NC 54. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 22 TO FY 24, RIGHT-OF-WAY FROM FY 24 TO FY 26, AND CONSTRUCTION FROM FY 26 TO FY 28 AT REQUEST OF MPO.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2024 - FY 2024 - FY 2026 - FY 2026 - FY 2028 - FY 2028 -	\$190,000 \$48,000 \$34,000 \$9,000 \$950,000 \$238,000	(TAANY) (L) (TAANY) (L) (TAANY) (L)
				\$1,469,000	
EB-5998 ORANGE PROJ.CATEGORY DIVISION	US 15 / US 501, WILLOW DRIVE TO SR 1741 / SR 1838 (OLD DURHAM-CHAPEL HILL ROAD) IN CHAPEL HILL. CONSTRUCT MULTIUSE PATHS. <u>TO REFLECT CURRENT TOWN DELIVERY SCHEDULE, DELAY ENGINEERING FROM FY 22 TO FY 23 AND CONSTRUCTION FROM FY 24 TO FY 26 AT REQUEST OF MPO.</u>	ENGINEERING CONSTRUCTION	FY 2023 - FY 2023 - FY 2026 - FY 2026 -	\$163,000 \$41,000 \$1,635,000 \$409,000	(TAANY) (L) (TAANY) (L)
				\$2,248,000	
I-5964 GUILFORD PROJ.CATEGORY	I-40 / BUSINESS 85 / US 29 / US 70 / US 220, ELM-EUGENE STREET IN GREENSBORO. INTERCHANGE IMPROVEMENTS. <u>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 21 AT REQUEST OF DIVISION, BASED ON PRIORITY NEED.</u>	CONSTRUCTION	FY 2021 -	\$500,000 \$500,000	(NHP)

* INDICATES FEDERAL AMENDMENT

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

DIVISION 8

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

* INDICATES FEDERAL AMENDMENT

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DIVISION 8

C-5618	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$12,000	(CMAQ)
CHATHAM	AIR QUALITY IN THE TRIANGLE AREA RPO.		FY 2020 -	\$3,000	(L)
ORANGE	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$12,000	(CMAQ)
PROJ.CATEGORY	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$3,000	(L)
EXEMPT	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$12,000	(CMAQ)
	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$3,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$12,000	(CMAQ)
			FY 2020 -	\$3,000	(L)
			FY 2021 -	\$12,000	(CMAQ)
			FY 2021 -	\$3,000	(L)
			FY 2022 -	\$12,000	(CMAQ)
			FY 2022 -	\$3,000	(L)
		CONSTRUCTION	FY 2020 -	\$68,000	(CMAQ)
			FY 2020 -	\$17,000	(L)
			FY 2021 -	\$68,000	(CMAQ)
			FY 2021 -	\$17,000	(L)
			FY 2022 -	\$68,000	(CMAQ)
			FY 2022 -	\$17,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$12,000	(CMAQ)
			FY 2020 -	\$3,000	(L)
			FY 2021 -	\$12,000	(CMAQ)
			FY 2021 -	\$3,000	(L)
			FY 2022 -	\$12,000	(CMAQ)
			FY 2022 -	\$3,000	(L)
		OPERATIONS	FY 2020 -	\$12,000	(CMAQ)
			FY 2020 -	\$3,000	(L)
			FY 2021 -	\$12,000	(CMAQ)
			FY 2021 -	\$3,000	(L)
			FY 2022 -	\$12,000	(CMAQ)
			FY 2022 -	\$3,000	(L)
				\$435,000	
* EB-5863	US 1 BUSINESS (CARTHAGE STREET), NC 42 (WICKER	ENGINEERING	FY 2021 -	\$236,000	(TA5200)
LEE	STREET) TO CHATHAM STREET IN SANFORD.		FY 2021 -	\$59,000	(L)
PROJ.CATEGORY	REDUCE NUMBER OF LANES AND CONSTRUCT	RIGHT-OF-WAY	FY 2022 -	\$120,000	(TA5200)
DIVISION	BICYCLE / PEDESTRIAN ACCOMMODATIONS.		FY 2022 -	\$30,000	(L)
	<u>ADD PE IN FY 21 NOT PREVIOUSLY PROGRAMMED AT</u>	CONSTRUCTION	FY 2022 -	\$1,175,000	(TA5200)
	<u>REQUEST OF DIVISION AND CITY.</u>		FY 2022 -	\$294,000	(L)
				\$1,914,000	
* EB-6015A	US 401 BUSINESS (SOUTH MAIN STREET), SR 1674	ENGINEERING	FY 2022 -	\$53,000	(TA5200)
SCOTLAND	(LAUCHWOOD DRIVE) TO PLAZA ROAD IN		FY 2022 -	\$13,000	(L)
PROJ.CATEGORY	LAURINBURG. CONSTRUCT SIDEWALKS	RIGHT-OF-WAY	FY 2022 -	\$61,000	(TA5200)
DIVISION	<u>ACCELERATE RIGHT OF WAY FROM FY 24 TO FY 22</u>		FY 2022 -	\$15,000	(L)
	<u>AND CONSTRUCTION FROM FY 25 TO 23 AT REQUEST</u>	CONSTRUCTION	FY 2023 -	\$264,000	(TA5200)
	<u>OF RPO TO CORRESPOND TO CURRENT DELIVERY</u>		FY 2023 -	\$66,000	(L)
	<u>SCHEDULE FOR EB-5866, WHICH IS BEING DELETED.</u>			\$472,000	

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DIVISION 8

* U-5813	US 64, ASHEBORO BYPASS TO EAST OF I-73 / I-74 / US	RIGHT-OF-WAY	FY 2021 -	\$7,967,000	(NHP)
RANDOLPH	220 IN ASHEBORO. WIDEN TO MULTILANES,		FY 2022 -	\$7,967,000	(NHP)
PROJ.CATEGORY	RECONSTRUCT INTERCHANGE AT NC 49, MODIFY	UTILITIES	FY 2021 -	\$200,000	(NHP)
REGIONAL	INTERCHANGE AT I-73 / I-74 / US 220 AND REPLACE		FY 2022 -	\$199,000	(NHP)
	BRIDGE 750171 OVER US 64 AND NC 49.	CONSTRUCTION	FY 2022 -	\$10,634,000	(NHP)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2023 -	\$10,633,000	(NHP)
			FY 2024 -	\$10,633,000	(NHP)
				\$48,233,000	

DIVISION 9

C-5609	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$65,000	(CMAQ)
FORSYTH	AIR QUALITY IN THE HIGH POINT MPO.		FY 2020 -	\$16,000	(L)
GUILFORD	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$65,000	(CMAQ)
DAVIDSON	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$16,000	(L)
PROJ.CATEGORY	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$65,000	(CMAQ)
EXEMPT	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$16,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$65,000	(CMAQ)
			FY 2020 -	\$16,000	(L)
			FY 2021 -	\$65,000	(CMAQ)
			FY 2021 -	\$16,000	(L)
			FY 2022 -	\$65,000	(CMAQ)
			FY 2022 -	\$16,000	(L)
		CONSTRUCTION	FY 2020 -	\$388,000	(CMAQ)
			FY 2020 -	\$97,000	(L)
			FY 2021 -	\$388,000	(CMAQ)
			FY 2021 -	\$97,000	(L)
			FY 2022 -	\$388,000	(CMAQ)
			FY 2022 -	\$97,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$65,000	(CMAQ)
			FY 2020 -	\$16,000	(L)
			FY 2021 -	\$65,000	(CMAQ)
			FY 2021 -	\$16,000	(L)
			FY 2022 -	\$65,000	(CMAQ)
			FY 2022 -	\$16,000	(L)
		OPERATIONS	FY 2020 -	\$65,000	(CMAQ)
			FY 2020 -	\$16,000	(L)
			FY 2021 -	\$65,000	(CMAQ)
			FY 2021 -	\$16,000	(L)
			FY 2022 -	\$65,000	(CMAQ)
			FY 2022 -	\$16,000	(L)
				\$2,427,000	

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

DIVISION 9

C-5614	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$3,000	(CMAQ)
DAVIE	AIR QUALITY IN THE NORTHWEST PIEDMONT RPO.		FY 2020 -	\$1,000	(L)
PROJ.CATEGORY	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$3,000	(CMAQ)
EXEMPT	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2021 -	\$1,000	(L)
	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$3,000	(CMAQ)
	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>		FY 2022 -	\$1,000	(L)
		RIGHT-OF-WAY	FY 2020 -	\$3,000	(CMAQ)
			FY 2020 -	\$1,000	(L)
			FY 2021 -	\$3,000	(CMAQ)
			FY 2021 -	\$1,000	(L)
			FY 2022 -	\$3,000	(CMAQ)
			FY 2022 -	\$1,000	(L)
		CONSTRUCTION	FY 2020 -	\$15,000	(CMAQ)
			FY 2020 -	\$4,000	(L)
			FY 2021 -	\$15,000	(CMAQ)
			FY 2021 -	\$4,000	(L)
			FY 2022 -	\$15,000	(CMAQ)
			FY 2022 -	\$4,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$3,000	(CMAQ)
			FY 2020 -	\$1,000	(L)
			FY 2021 -	\$3,000	(CMAQ)
			FY 2021 -	\$1,000	(L)
			FY 2022 -	\$3,000	(CMAQ)
			FY 2022 -	\$1,000	(L)
		OPERATIONS	FY 2020 -	\$3,000	(CMAQ)
			FY 2020 -	\$1,000	(L)
			FY 2021 -	\$3,000	(CMAQ)
			FY 2021 -	\$1,000	(L)
			FY 2022 -	\$3,000	(CMAQ)
			FY 2022 -	\$1,000	(L)
				\$105,000	

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

DIVISION 9

C-5620	VARIOUS, PROJECTS TO IMPROVE CONGESTION AND	ENGINEERING	FY 2020 -	\$97,000	(CMAQ)
FORSYTH	AIR QUALITY IN THE WINSTON-SALEM URBAN AREA		FY 2020 -	\$25,000	(L)
DAVIE	MPO.		FY 2021 -	\$97,000	(CMAQ)
DAVIDSON	<u>ADD ENGINEERING, RIGHT-OF-WAY, CONSTRUCTION,</u>		FY 2021 -	\$25,000	(L)
PROJ.CATEGORY	<u>IMPLEMENTATION, AND OPERATIONS IN FY 21 AND</u>		FY 2022 -	\$97,000	(CMAQ)
EXEMPT	<u>FY 22 NOT PREVIOUSLY PROGRAMMED TO ALLOW</u>		FY 2022 -	\$25,000	(L)
	<u>FOR POTENTIAL FUTURE AUTHORIZATIONS.</u>	RIGHT-OF-WAY	FY 2020 -	\$97,000	(CMAQ)
			FY 2020 -	\$25,000	(L)
			FY 2021 -	\$97,000	(CMAQ)
			FY 2021 -	\$25,000	(L)
			FY 2022 -	\$97,000	(CMAQ)
			FY 2022 -	\$25,000	(L)
		CONSTRUCTION	FY 2020 -	\$1,422,000	(CMAQ)
			FY 2020 -	\$355,000	(L)
			FY 2021 -	\$1,422,000	(CMAQ)
			FY 2021 -	\$355,000	(L)
			FY 2022 -	\$1,422,000	(CMAQ)
			FY 2022 -	\$355,000	(L)
		IMPLEMENTATIO	FY 2020 -	\$97,000	(CMAQ)
			FY 2020 -	\$25,000	(L)
			FY 2021 -	\$97,000	(CMAQ)
			FY 2021 -	\$25,000	(L)
			FY 2022 -	\$97,000	(CMAQ)
			FY 2022 -	\$25,000	(L)
		OPERATIONS	FY 2020 -	\$97,000	(CMAQ)
			FY 2020 -	\$25,000	(L)
			FY 2021 -	\$97,000	(CMAQ)
			FY 2021 -	\$25,000	(L)
			FY 2022 -	\$97,000	(CMAQ)
			FY 2022 -	\$25,000	(L)
				\$6,795,000	
* U-4951	VARIOUS, WINSTON-SALEM URBAN AREA	PLANNING	FY 2020 -	\$600,000	(BGDA)
FORSYTH	METROPOLITAN PLANNING ORGANIZATION PLANNING		FY 2020 -	\$150,000	(L)
STOKES	(PL) SUPPLEMENT.		FY 2021 -	\$600,000	(BGDA)
DAVIDSON	<u>ADD PLANNING IN FY 22 NOT PREVIOUSLY</u>		FY 2021 -	\$150,000	(L)
DAVIE	<u>PROGRAMMED AT REQUEST OF MPO.</u>		FY 2022 -	\$1,660,000	(BGDA)
PROJ.CATEGORY			FY 2022 -	\$415,000	(L)
DIVISION				\$3,575,000	

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

DIVISION 10

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

DIVISION 10

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

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

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

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

DIVISION 10

* I-5973	I-485, NC 16 (BROOKSHIRE BOULEVARD)	RIGHT-OF-WAY	FY 2022 -	\$100,000	(T)
MECKLENBURG	INTERCHANGE. CONSTRUCT INTERCHANGE	BUILD NC CON	FY 2022 -	\$300,000	(T)
PROJ.CATEGORY	IMPROVEMENTS.		FY 2023 -	\$300,000	(T)
REGIONAL	<u>ACCELERATE CONSTRUCTION FROM FY 24 TO FY 22</u>		FY 2024 -	\$300,000	(T)
	<u>TO ALIGN WITH BUILD NC BOND SALE.</u>		FY 2025 -	\$300,000	(T)
			FY 2026 -	\$300,000	(T)
			FY 2027 -	\$300,000	(T)
			FY 2028 -	\$300,000	(T)
			FY 2029 -	\$300,000	(T)
			FY 2030 -	\$300,000	(T)
			FY 2031 -	\$300,000	(T)
			FY 2032 -	\$300,000	(T)
			POST YR-	\$1,800,000	(T)
		CONSTRUCTION	FY 2022 -	\$1,250,000	(T)
			FY 2023 -	<u>\$1,250,000</u>	(T)
				\$7,700,000	

R-5878B	NEW ROUTE - WADESBORO BYPASS, US 52 NORTH OF	BUILD NC ROW	FY 2024 -	\$257,000	(T)
ANSON	WADESBORO TO US 74 EAST OF WADESBORO.		FY 2025 -	\$257,000	(T)
PROJ.CATEGORY	CONSTRUCT FREEWAY ON NEW LOCATION.		FY 2026 -	\$257,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2027 -	\$257,000	(T)
	<u>THRESHOLDS.</u>		FY 2028 -	\$257,000	(T)
			FY 2029 -	\$257,000	(T)
			POST YR-	\$2,313,000	(T)
		RIGHT-OF-WAY	FY 2024 -	\$1,000,000	(T)
		UTILITIES	FY 2024 -	\$1,300,000	(T)
		BUILD NC CON	FY 2027 -	\$3,003,000	(T)
			FY 2028 -	\$3,003,000	(T)
			FY 2029 -	\$3,003,000	(T)
			POST YR-	\$36,036,000	(T)
		CONSTRUCTION	FY 2027 -	\$21,700,000	(T)
			FY 2028 -	\$21,700,000	(T)
			FY 2029 -	\$21,700,000	(T)
			POST YR-	<u>\$21,700,000</u>	(T)
				\$138,000,000	

DIVISION 11

* HS-2011B	US 221 / US 321, DEERFIELD ROAD TO BOONE MALL.	CONSTRUCTION	FY 2021 -	<u>\$116,000</u>	(HSIP)
WATAUGA	INSTALL PEDESTRIAN COUNTDOWN HEADS AND			\$116,000	
PROJ.CATEGORY	FLASHING YELLOW ARROWS AT VARIOUS				
STATEWIDE	INTERSECTIONS.				
	<u>ADD NEW PROJECT BREAK AT REQUEST OF</u>				
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

DIVISION 12

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

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

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

DIVISION 13

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

DIVISION 13

* HO-0002A	US 74, I-40 IN ASHEVILLE TO I-77 AT I-485 (SOUTH) IN	CONSTRUCTION	FY 2021 -	\$8,296,000	(HSIP)
RUTHERFORD	CHARLOTTE. INSTALL BROADBAND.		FY 2021 -	\$922,000	(S(M))
POLK	<u>ADD CONSTRUCTION IN FY 21 NOT PREVIOUSLY</u>		FY 2022 -	\$8,296,000	(HSIP)
CLEVELAND	<u>PROGRAMMED.</u>		FY 2022 -	\$922,000	(S(M))
HENDERSON				\$18,436,000	
MECKLENBURG					
BUNCOMBE					
GASTON					
PROJ.CATEGORY					
STATEWIDE					

STIP DELETIONS**DIVISION 8**

* EB-5866	US 401 BUSINESS (SOUTH MAIN STREET), SR 1674	ENGINEERING	FY 2020 -	\$17,000	(TA5200)
SCOTLAND	(LAUCHWOOD DRIVE) TO PLAZA ROAD IN		FY 2020 -	\$5,000	(L)
PROJ.CATEGORY	LAURINBURG. CONSTRUCT SIDEWALK.	RIGHT-OF-WAY	FY 2021 -	\$38,000	(TA5200)
DIVISION	<u>PROJECT DELETED, WORK TO BE ACCOMPLISHED</u>		FY 2021 -	\$10,000	(L)
	<u>UNDER PROJECT EB-6015A.</u>	CONSTRUCTION	FY 2022 -	\$87,000	(TA5200)
			FY 2022 -	\$22,000	(L)
				\$179,000	

ITEM N SUMMARY

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

* INDICATES FEDERAL AMENDMENT

Thursday, March 4, 2021

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

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

Division 1

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

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

Division 3

City of Jacksonville
Onslow County
EB-6012
48606.3.1
9707

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

Division 4

New Day Development
Corporation
Johnston County
Rail

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

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

Division 5

Research Triangle, Ltd
Durham County
Rail

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

The Building Center
Durham County
80105
9691

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

Town of Apex
Wake County
EB-6046
49176.3.1
9680

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

Town of Apex
Wake County
U-5537
44112.2.1
44112.3.1
9681

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

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

Division 5, cont.

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

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

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

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

Division 6

City of Lumberton
Robeson County
I-6064
49067.3.1
9666

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

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

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

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

Division 8

Chatham County
15408.1019012
9686

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

Division 9

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

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

Division 10

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

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

Division 12

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

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

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

Division 12, cont.

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

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

Norfolk Southern Railway
Company
Catawba County
M-0547
49361
Rail

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

Premier Conover, LLC
Catawba County
M-0547
49361
Rail

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

Division 13

Town of Valdese
Burke County
49090
9665

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

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

Division 13, cont.

United States Geological Survey
(USGS)
Henderson County
9695

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

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

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

Division 1

County of Dare
36249.4302
9706

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

Division 4

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

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

Division 5

Town of Cary
Wake County
36249.4287
9671

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

Lennar Carolinas LLC
Wake County
36249.4282
9675

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

HMBP-BCP, LLC
Wake County
36249.4290
9684

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

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

Division 5, cont.

Merck Sharp & Dohme Corp.
Durham County
36249.4289
9683

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

Athens Development Partners,
LLC
Wake County
36249.4283
9676

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

Westford Apartments WEH LP
Wake County
36249.4284
9678

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

Stanley Martin Homes
Wake County
36249.4285
9679

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

Glenaire, Inc.
Wake County
36249.4298
9701

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

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

Division 5, cont.

SCP Patriot Lot 5, LLC
Durham County
36249.4297
9702

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

Rhetson Companies, Inc.
Wake County
36249.4301
9708

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

Division 7

High Point University
Guilford County
36249.4288
9677

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

Harris Teeter Properties, LLC
Orange County
36249.4280
9647

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

Division 9

West Edge – Adams, LLC
Forsyth County
36249.4292
9694

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

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

Division 10

Empire Communities
Cabarrus County
36249.4093
9661

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

Principle Global Brand
Implementation
Mecklenburg County
10.106032
9813223
9699

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

Gateway Communities NC, LLC
Union County
36249.4296
9700

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

City of Monroe
Union County
36249.4300
9705

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

Division 12

NPD Management, LLC
Gaston County
36249.4286
9672

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

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

Division 12, cont.

Langtree Village Apartments,
LLC
Iredell County
36249.4175
9408

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

Chronicle Holding, LLC
Gaston County
36249.4229
9543

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

Division 14

Western Carolina University
Jackson County
44983
9669

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

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

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

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

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

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

Division 14, cont.

Clay County
36249.4294
9696

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

Clay County
36249.4295
9697

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

Town of Mills River
Henderson County
36249.4299
9703

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

NCDOT March 2021 Board of Transportation Agenda

Municipal Street System Changes for Powell Bill Program

Deletion from the State Highway System

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

File Name: FORSYTH_03_2021_M001

Total Miles = 1.38

NCDOT March 2021 Board of Transportation Agenda

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

Preliminary Right of Way Plans

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

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

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

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

(Division 9)**Forsyth County; I.D. No. EB-5957; Project No. 48433.2.1:**

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

Final Right of Way Plans

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

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

(Division 2)**Project No. 48828.2.1; Pitt County; I.D. No. BR-0119:**

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

(Division 4)**Project No. 50056.2.1; Johnston County; I.D. No. W-5600:**

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

(Division 7)**Project No. 49076.2.1; Rockingham County; I.D. No. BR-0042:**

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

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

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

Revisions of the Final Right of Way Plans

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

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

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

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

(Divisions 7)

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

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

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

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

(Division 5)

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

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

(Division 7)

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

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

(Division 8)

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

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

(Division 10)

**Project R-2123AB, Parcel, I-485
Mecklenburg County**

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

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

(Division 12)

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

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

Approval of Conveyance of Highway Right of Way Residues

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

(Division 7)

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

Guilford County

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

(Division 13)

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

Buncombe County

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

(Division 14)

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

Henderson County

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

CONVEYANCE ROW RESIDUE

3 PROJECT(S)

\$ 80,800.00

Approval of Conveyance of Surplus Highway Right of Way

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

(Division 2)

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

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

(Division 14)

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

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

Approval of Permanent Natural Gas Line Easement

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

(Division 3)

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

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

APPROVAL OF PERM. NATURAL GAS LINE EASEMENT	1 PROJECT(S)	\$ 12,841.00
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R-ITEM SUMMARY	17 PROJECT(S)	TOTAL:\$ 269,934.18
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**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2020 - 2021**

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

ITEM T-1

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



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

February 10, 2021

MEMORANDUM TO: Board of Transportation

FROM: Utilities Unit

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

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

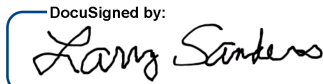
Based on North Carolina G.S. 136-18(37), the erection of private bridges by encroachment requires Board of Transportation approval. The Utilities Unit recommends approval of the two private bridges owned by University of North Carolina Hospitals following extensive review and appropriate revisions to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

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

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

Sincerely,

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

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

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

Attachment

NORTH CAROLINA
ORANGE COUNTY

ENCROACHMENT AGREEMENTS

DATE: 2/2/2021

NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION

AND

UNC HOSPITALS

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

WITNESSETH:

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

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

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

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

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

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

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

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

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

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

ATTEST

BY:

TITLE:

UNC HOSPITALS

BY:

TITLE:

DATE:

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

VP Real Estate and Development

Feb 3, 2021

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

Federal Tax Identification Number

56-1118388

(SEAL)

Remittance Address:

UNC Hospitals

101 Manning Drive

Chapel Hill, NC 27514

DEPARTMENT OF TRANSPORTATION

DocuSigned by:

BY:

Ronnie Kester

(CHIEF ENGINEER)

2/11/2021

DATE:

PRESENTED TO BOARD OF TRANSPORTATION ITEM O:

(DATE)

SURGICAL TOWER

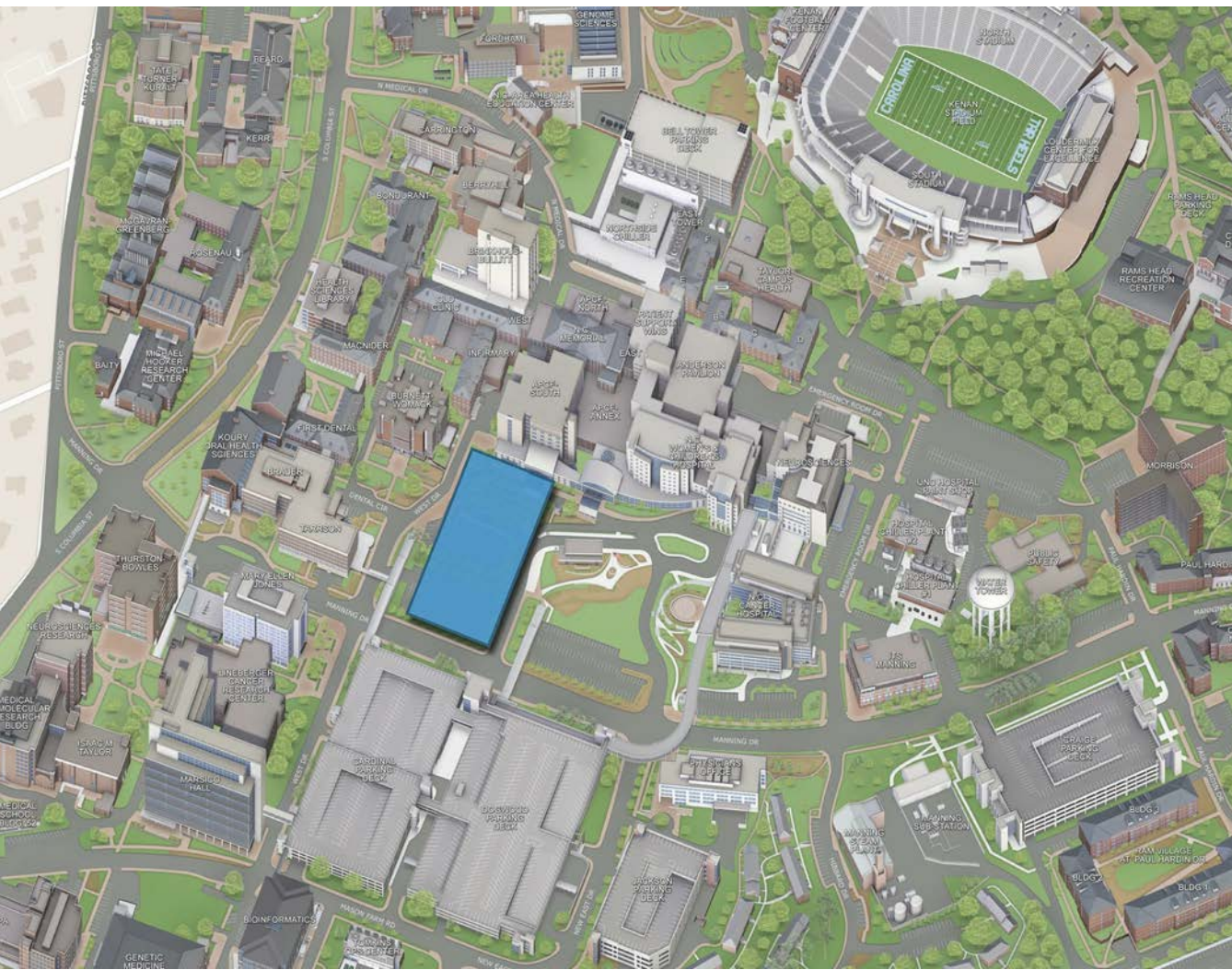
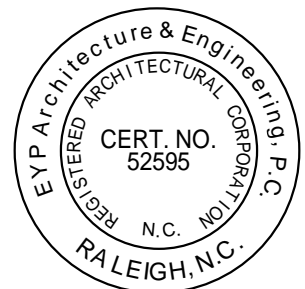
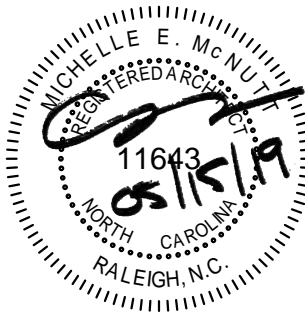
UNIVERSITY OF NORTH CAROLINA HOSPITALS

101 Manning Drive
Chapel Hill, NC 27517

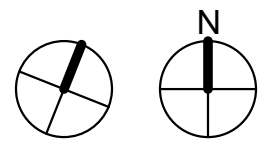


EYP Architecture & Engineering
811 W Hargett St
Raleigh, NC 27603
919 833 8818
eypae.com/healthcare

EYP



Location Map



Package 3: Building

Volume 1

Bid Set

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

CONSULTANTS

SKANSKA

CONSTRUCTION MANAGER

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



LANDSCAPE ARCHITECT
CIVIL / STRUCTURAL ENGINEER

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



FIRE PROTECTION / PLUMBING /
MECHANICAL / ELECTRICAL ENGINEER

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



VERTICAL TRANSPORTATION
PNEUMATIC TUBE

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



LOW VOLTAGE CONSULTANT

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



ACOUSTICS ANALYSIS

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

WALTER P MOORE

ENVELOPE / REFLECTIVITY ANALYSIS

Walter P Moore
2530 Meridian Parkway
Durham, NC 27713
919 806 4235
walterpmoore.com



ENERGY

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



LIGHTING DESIGN

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



MATERIAL MANAGEMENT

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



MEDICAL EQUIPMENT PLANNING

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



TRAFFIC CONSULTANT

Ramey Kemp & Associates Inc
5808 Farmington Place, Suite 100
Raleigh, NC 27609
919 872 5115
rameykemp.com



COST CONSULTING

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



AIR DISPERSION

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



CODE COMPLIANCE

Carolina Specialty Engineering PC
5530 Dillard Drive, Suite 130
Cary, NC 27519
919 424 3858
jensenhughes.com



Background:

As prescribed by Session Law 2020-91 Section 5.1(a)(f) titled *Board of Transportation Restructure: Duties and Powers of the Board* specifically (1a) and (1b)

- To review and take action on each Spend Plan developed by the Department of Transportation as required by North Carolina General Statute § 143C-6-11.1. An approved Spend Plan must be fiscally responsible while accomplishing transportation goals across the state.
- To ensure that the Department of Transportation is operating within the approved Spend Plan.

Action Item:

The Board of Transportation is scheduled to vote on ***Amendment Two: FY21-22 Spend Plan*** during its March 4, 2021 meeting.

Amendment Two: FY21-22 Spend Plan – NCDOT staff request approval from the Board of Transportation (BOT) to utilize COVID Relief and to realign the current spending plan for FY21.



NORTH CAROLINA

Department of Transportation



Environmental Analysis Unit; Cultural Resources Group
Archaeology Team Investigations Site 31WA1997 Complete 540

Matt Wilkerson, EAU Archaeology Supervisor
mtwilkerson@ncdot.gov, 919 707-6089
March 3, 2021

Section 106 Review Process

Section 106 of the National Historic Preservation Act of 1966

- federal agencies
- undertakings (funded, licensed, or permitted)
- effects on historic properties (properties on or eligible for listing on the National Register of Historic Places including standing structures and archaeological sites)
- Advisory Council opportunity to comment

- Other State and federal laws:
 - NC General Statute 65 -13
 - NC General Statute 70-29 through 33
 - NC General Statute 121-12(a)
 - NC General Statute 160
 - Section 4(f) of the Department of Transportation Act
 - Section 110 of the National Historic Preservation Act
 - Appendix C of 33 CFR 325
 - Archaeological Resources Protection Act of 1979

Agencies and Consulting Parties

- State Historic Preservation Office
- Office of State Archaeology
- Federal Highway Administration
- US Army Corps of Engineers
- State and Federal Tribes
- Local Preservation Commissions
- US Forest Service
- Tennessee Valley Authority
- Property Owners
- State and Local Officials

Archaeology Team Overview

- Archaeological work was handled by the North Carolina Division of Archives and History on behalf of NCDOT in the early 1970s
- NCDOT hired the first internal staff archaeologists in the mid 1970s to increase accountability and control of schedules and costs
- Responsibilities now include completing statewide field investigations, managing on-call NCDOT firm contracts, consulting with state and federally recognized Tribes and acting on behalf of federal and state agencies for certain NCDOT projects
- Current NCDOT staff consists of seven archaeologists

What Exactly Is An Archaeological Site?

According to the National Park Service (NPS), an archaeological site is defined as “the location of a significant event, a prehistoric or historic occupation or activity, or a building or structure, whether standing, ruined, or vanished, where the location itself possesses historic, cultural, or archeological value regardless of the value of any existing structure”.

For NCDOT and the purposes of archaeological site identification, the North Carolina Office of State Archaeology defines an archaeological site as a location where at least one artifact or feature greater than 50 years of age has been identified.

Sites are found through a variety of techniques including pedestrian survey, shovel testing, and remote sensing.

NCDOT identifies, documents and evaluates many sites significance each year but only a very small percentage of those are considered significant or eligible for the National Register of Historic Places.

Archaeological Data Recovery & Grave Relocation



[Artifacts found during 540 project reveal glimpse of NC's ancient past - ABC11 Raleigh-Durham](#)

Site Examples In North Carolina



Why Excavate Site 31WA1997?

- One of over 150 sites identified in the 540 corridor
- Contained well preserved soils as well as artifacts from both the Early Archaic and Middle Woodland periods (8,000 BC to 800 AD)
- 31WA1997 was considered significant for its ability to yield significant information on history and/or prehistory
- Could not be fully avoided through the design process



31WA1997 Feature Examples

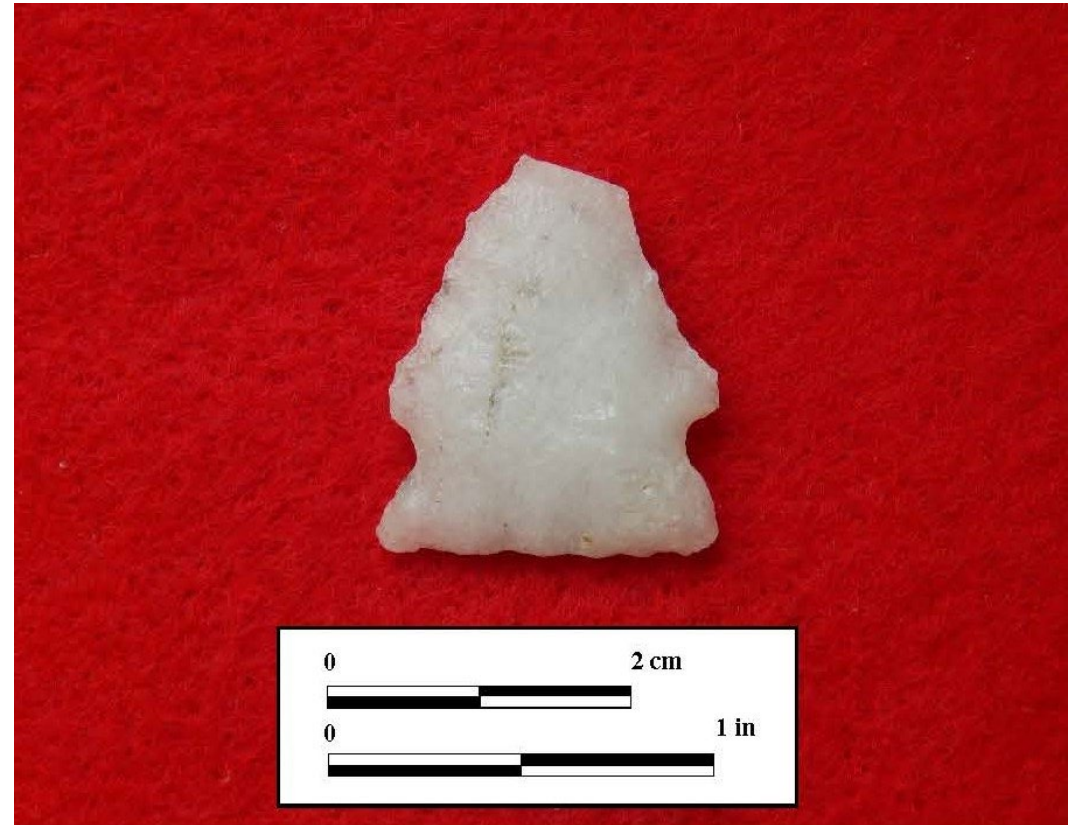


Feature Containing Ceramic Cluster





Early Archaic Palmer Points



Fabric Impressed Sherds, Gorget Fragment



Thank You

- Scott Halvorsen, NCDOT Archaeology Team Project Manager
- Dr. Susan Bamann, Commonwealth Heritage Group, Regional Manager
- Jennifer Harris, North Carolina Turnpike Authority
- Marcus Curran, Lane Construction & Blythe Construction Assistant Project Manager for Complete 540
- Chris Werner, Director NCDOT Technical Services
- Phil Harris, Environmental Analysis Unit Head
- Jamie Lancaster, NCDOT Environmental Analysis Assistant Unit Head Cultural Resources Group Leader
- Our state and federal agency partners including the Federal Highway Administration, The State Historic Preservation Office, the Office of State Archaeology and the Catawba Indian Nation



North Carolina Board of Transportation
1 South Wilmington Street Raleigh, North Carolina 27601
March 4, 2021

Highway Maintenance Improvement Program (HMIP)

During the 2014 Legislative session, the North Carolina General Assembly established the Highway Maintenance Improvement Program (Session Law 2014-100, Section 34.11 a, b). In the 2017 Legislative session, the legislation was revised to support the need for a more holistic approach to maintenance. The Highway (Pavements), Bridge and Routine Maintenance Improvement Programs were merged and are now managed under a single "Highway Maintenance Improvement Program" (Session Law 2017-57, Section 34.11 a-d).

The Board of Transportation approves the five-year schedule and identified funding sources for highway pavement, bridge, and routine maintenance activities within each Highway Division along with their anticipated cost and publishes the schedule on the Department's website by April 1st of each year.

The Board of Transportation is scheduled to vote on the 2022 – 2026 HMIP during its March 4, 2021 meeting.

The approved schedule will be posted and available using the link below by April 1st, 2021.

[Highway Maintenance Improvement Program \(HMIP\)](#)



North Carolina Department of Transportation
Materials and Tests Unit – Product Evaluation Program
Innovative Technologies and Products Awareness Report
February 3rd, 2021



PRODUCT HIGHLIGHT – Eco-Flex® HD Eco-Wall



Cross-section view of an Eco-Flex® HD Eco-Wall panel (top), and a completed HD Eco-Wall installation (bottom) – images from Eco-Flex® website

The Eco-Flex® HD Eco-Wall is manufactured by Eco-Flex® Recycled Rubber Solutions near Edmonton, Alberta, Canada. It is currently listed as under evaluation on the Approved Products List (APL) as NP20-8667. The Eco-Flex® HD Eco-Wall is a sound/noise wall that is made of recycled tire rubber, glue, and dye. The product panels are produced in either an eight or 10-foot length segments that are two feet high and three inches thick. The panels are compression molded from recycled tire crumb rubber with a solid fir plank for backing. The panels can easily be staked atop one another to achieve the desired wall height. Each panel is lightweight, produced in five different colors, and has a Sound Transmission Class (STC) rating of 29. For more information, please visit:

www.eco-flex.com/product/hd-eco-wall/

PRODUCT INNOVATION – Grizzly® Rumble Grate®



Installed Grizzly® Rumble Grate® (top), close-up view of Grizzly® Rumble Grate® bars and dead-fall space beneath them (bottom) – images from Rumble Grate® LLC. website

The Grizzly® Rumble Grate® is manufactured by Rumble Grate® LLC. out of Tempe, Arizona. It is currently listed as under evaluation on the APL as NP20-8685. The Grizzly® Rumble Grate® is a track-out control device used to limit the amount of debris (soil/small stones) that are tracked onto a roadway from an active construction site. The grates are manufactured in two sizes: 8 ft. x 10 ft. and 8 ft. by 20 ft. Each grate has steel bars positioned at alternating elevations and consistently spaced to appropriately shake debris off vehicles. The device is typically setup with three sections together to form a continuous track that provides a track-out debris removal efficiency of up to 85%. For more information, please visit: <https://trackoutcontrol.com/>



NORTH CAROLINA

Department of Transportation



NCDOT/DHHS Partnership on Vaccine Transportation

Julie White
Deputy Secretary of Multimodal Transportation

March 4, 2021

“ Every North Carolinian has a spot and needs to get their shot. As vaccine supply increases, we are deploying every resource to make sure people have access and are not held back by barriers like lack of transportation. ”

Gov. Roy Cooper

Many Partners Contributed in Early Brainstorming Sessions

Working together – early brainstorming sessions helped to identify what was happening nationwide and to develop NC's response



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**
Office of Communications



North Carolina Alliance of
Public Health Agencies
Alliance Staffing



NORTH CAROLINA
NCPTA
PUBLIC TRANSPORTATION ASSOCIATION

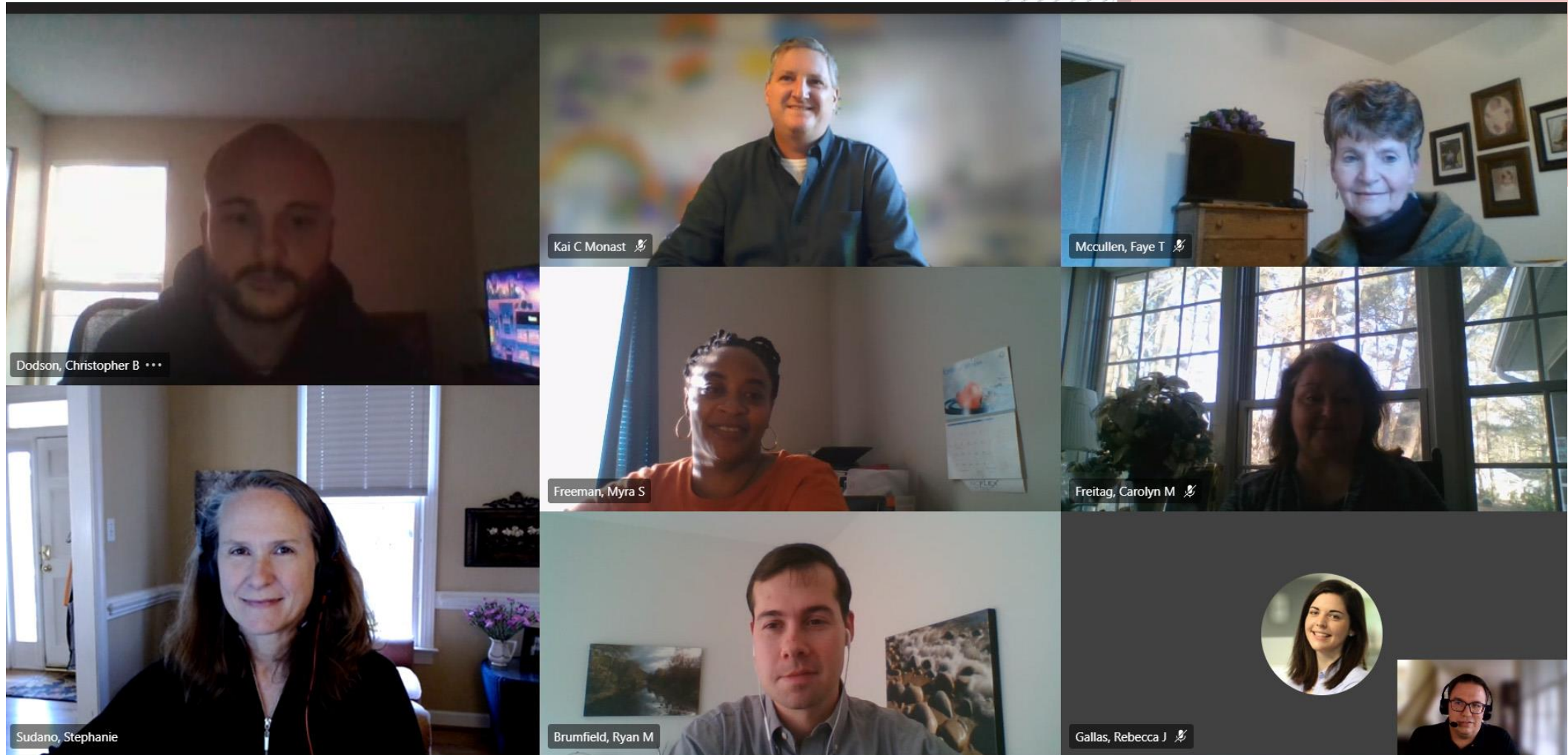
Router**match**



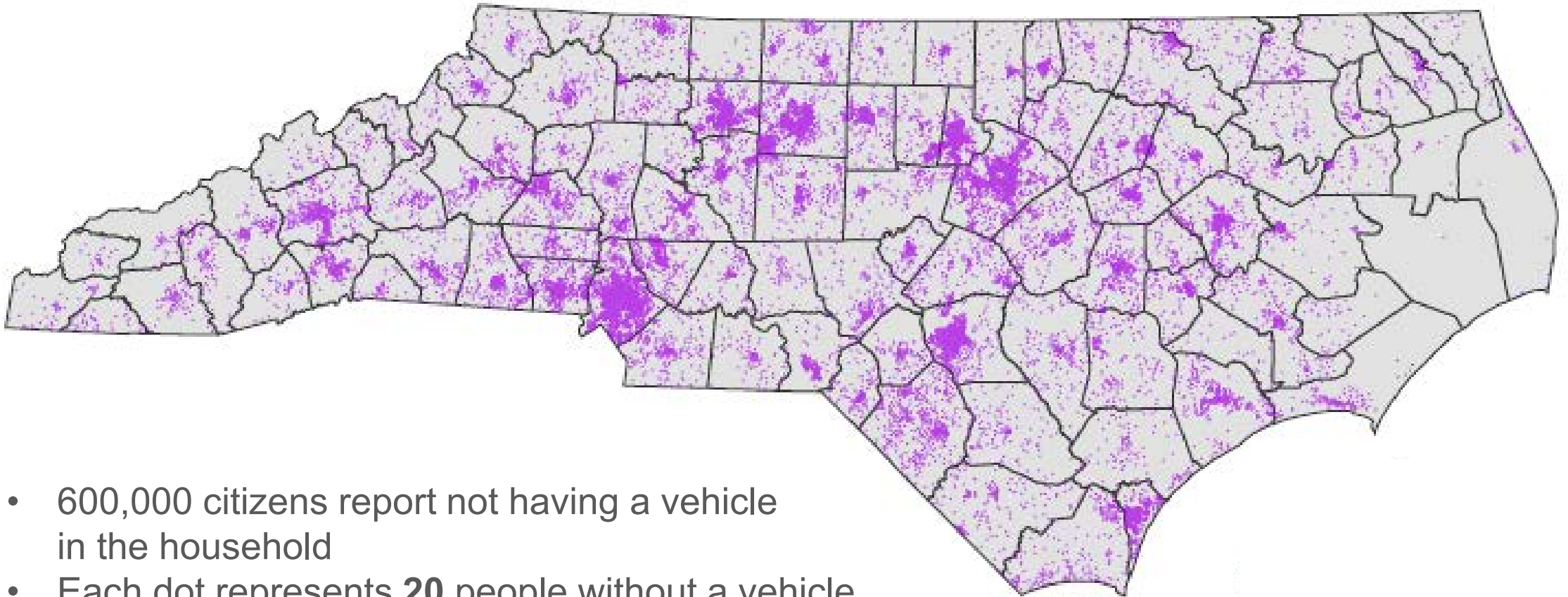
Daily Meetings

9 AM

FW: Public Transit to Vaccines
Microsoft Teams Meeting
juliewhite@ncdot.gov



Estimated People Requiring Assistance Accessing Vaccine Sites – 18 Years and Older



- 600,000 citizens report not having a vehicle in the household
- Each dot represents **20** people without a vehicle
- Every county in NC impacted



NCDOT-IMD - Transportation to Vaccine Survey

NCDOT-IMD, in collaboration with NCDHHS, are currently collaborating on a plan to assist local transit agencies in providing rides to COVID-19 vaccinations. To assist in this effort, we have put together the a survey and would appreciate your immediate attention in filling it out. We need this back by close of business Wednesday (01/13/2021). It will help us in developing guidance and options that we will share with you.

In the interim, we wanted to also make sure that you have seen the December 29th, 2020 FTA posting of a new Frequently Asked Question (CE18) regarding eligibility of transportation services to COVID-19 vaccination sites on its website that covers the Coronavirus Aid, Relief, and Economic Security (CARES) Act and ER funding requirements. Key to the new guidance is the following statement:

CARES Act and Coronavirus Response and Relief Supplemental Appropriations Act, 2021 Funds:
CARES Act and Coronavirus Response and Relief Supplemental Appropriations Act, 2021 funding may be used to cover operating expenses for any public transportation service to COVID-19 vaccination sites at a 100-percent federal share.

For your reference in completing the survey, the following is NC's planned phased approach for vaccination roll out.

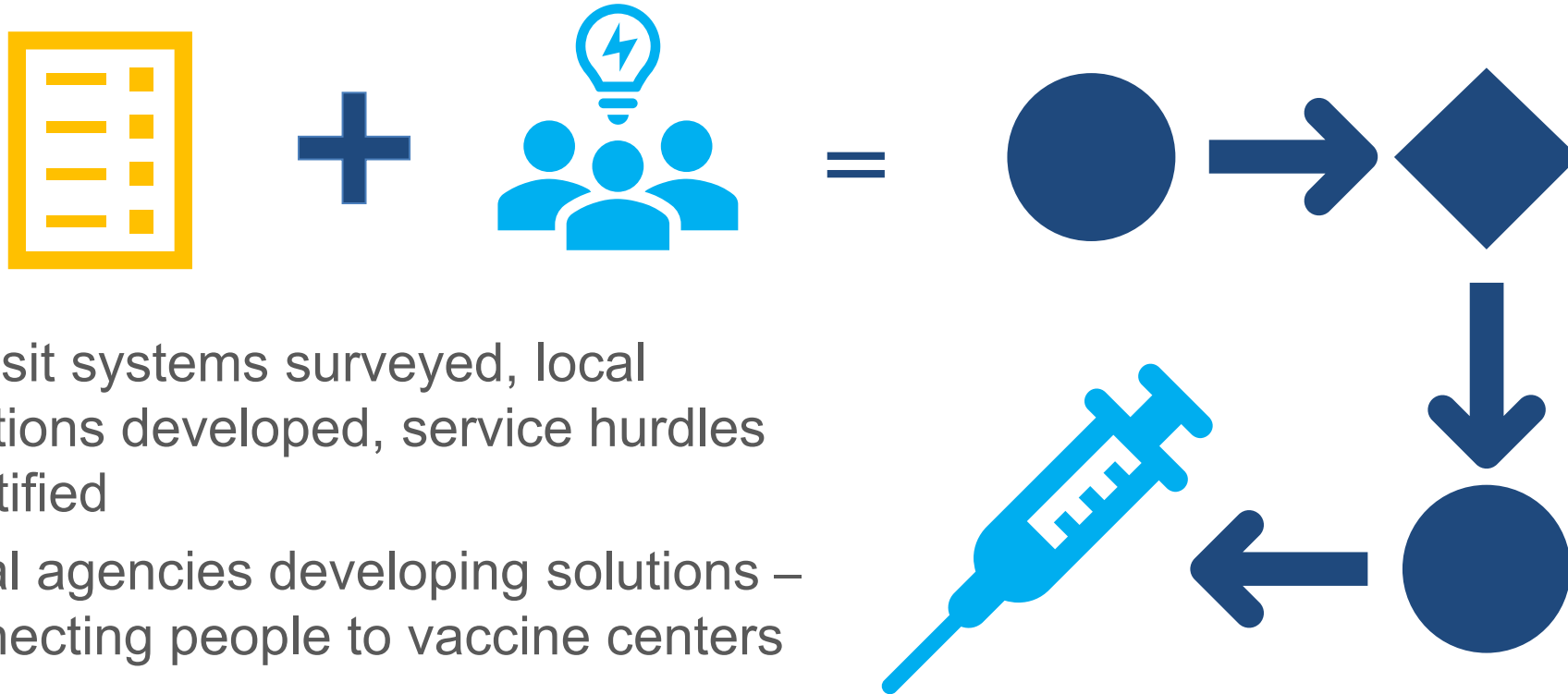
If you have any questions, please contact your Planner.

Surveyed All 98 Transit Systems to Determine Needs

The screenshot shows a survey form with the following fields and questions:

- Transit System Name ***: A dropdown menu with "Select" as the placeholder.
- Primary Contact Name ***: A text input field.
- Primary Contact Phone Number ***: A text input field.
- Primary Contact Email ***: A text input field.
- Choose the options below that best describe your coordination efforts related to transportation to vaccine sites with your local health department or other vaccine providers. ***: A dropdown menu with "Select" as the placeholder.
- Do you know where the vaccine sites are in your service area?**: A dropdown menu with "Select" as the placeholder.
- What are the methods used by your system to schedule trips? ***: A dropdown menu with "Select" as the placeholder.
- What is the minimum advance notice required for a client to schedule transportation to a vaccine site? ***: A dropdown menu with "Select" as the placeholder.
- What needs do you have to provide transportation service to vaccine sites? ***: A text input field with the subtext "Phases (Communications, Funding, Technology, staffing, etc.)".

Providing Funding and Ideas to Local Transit Agencies



- Transit systems surveyed, local solutions developed, service hurdles identified
- Local agencies developing solutions – connecting people to vaccine centers

NC DHHS Corona Virus Relief Funding



Connecting rural and vulnerable citizens to COVID-19 vaccinations

- Collaboration between NCDOT (service) and NCDHHS (funding)
- Key components:
 - Funding for trips
 - Solutions to assist with capacity and technology needs
 - Communication
- Funding formula – 50% equally distributed to all counties, 50% distributed based on county's percentage of elderly population



\$2.5M
Corona Virus
Relief Fund

Helping Local Transit Agencies to Succeed

Understanding
problems,
developing solutions

Website

Weekly
Email

RFI for
technology
solutions

Monthly Calls

Funding
Eligibility

Funding
Dollars

Communicate
"Who and how"

Best Practices
Written guidance &
What others are doing

Transit System	New \$2.5M Disbursement Amounts
Total	\$2,500,000.00
Alamance County Transportation Authority	\$33,119.00
Alamance County Regional Health Services (ICPTA)	\$97,112.00
Albemarle Regional Health Services	\$14,506.00
Alleghany County	\$47,125.00
Anson County	\$18,906.00
Appalachian	\$17,540.00
Ashe County Transportation Authority, Inc.	\$15,299.00
Avery County Transportation Authority	\$13,978.00
Beaufort County Developmental Center, Inc.	\$0.00
Bladen County (BARTS)	\$38,032.00
Brunswick Transit System, Inc.	\$50,681.00
Buncombe County	\$32,914.00
Cabarrus County	\$41,293.00
Cape Fear Public Transportation Authority - WAVE Transit	\$25,186.00
Carteret County	\$0.00
Caswell County	\$24,926.00
Chatham Transit Network	\$18,274.00
Cherokee County	\$0.00
Cherokee County (CPTA)	\$91,409.00
Choanoke Public Transportation Authority	\$14,771.00
City of Wilson	\$12,636.00
Clay County	\$0.00
Cleveland County (Transportation Administration of Cleveland County, Inc.)	\$50,475.00
Columbus County	\$44,561.00
Craven County (CARTS)	\$18,065.00
Cumberland County	\$35,145.00
Dare County	\$22,899.00
Davidson County	\$12,376.00
Duplin County	\$39,394.00
Eastern Band of Cherokee Indians	\$14,122.00
Gaston County	\$41,460.00
Gates County	\$28,103.00
Go Durham/Durham County	\$30,091.00
Goldsboro-Wayne Transportation Authority	\$8,967.00
Graham County	\$73,318.00
Greene County	\$25,100.00
Guilford County	\$16,393.00
Harnett County	\$0.00
Hoke County	\$0.00
Hoke County / Trans County	\$0.00

Section I (1) Object of Expenditure
11
12 A. Salaries
13 B. Fringe Benefits
14 C. Staff Development
15 D. Travel
16 E. Equipment Purch. - Tangible Prop.
17 F. Transportation - Recipient
18 G. Medical Supplies
19 H. Cost of Space
20 I. Room and Board-Residential Treatment
21 J. Service Payments
22 K. Other Expenses (list individual items)
23 Handouts, folders, binders, training supplies
24 Site Rental
25



Good Morning Transit Partners,
Thank you for your continued partnership in ensuring all North Carolinians have access and transportation to vaccines. To share our successes and streamline communications, NCDOT will be sending out a weekly email to all transit agencies and partners, with this email being the first in the series.

Weekly Wins*

*Data from Weekly Data survey through Tuesday, February 2

Since the beginning of the T2V efforts, **16 Transit Systems** have provided **92 rides** and traveled **1,350 miles** to provide transportation to vaccinations

- 3 Systems are transporting Nurses and Paramedics to Homebound persons
- 1 Dedicated Vehicle

Weekly Data and Claims Reminder

Transit Systems, please remember to submit your weekly data survey by end of day on Tuesdays. The requested information helps our team understand resource and funding needs and communicate those needs and our successes.

<https://app.smartsheet.com/b/form/f60074eadd0a4463b85e38dc5724a9a2>

Future weekly digests will feature Transit System success stories and updates on the statewide transportation to vaccines data, from the weekly data survey. Please be updating your data and sharing wins so we can include in future digests.

Communications and Events- Week of 2/1

Please see below for a summary of communications and events from the week of 2/1/2021:

Subject	Date	Notes
Guidance and DHHS Funding Amounts (email)	Weds 2/3	Link to comm
Monthly Transit System Meeting (event)	Weds 2/3	
DHHS CARES Funding Distributed (event)	Thurs 2/4	

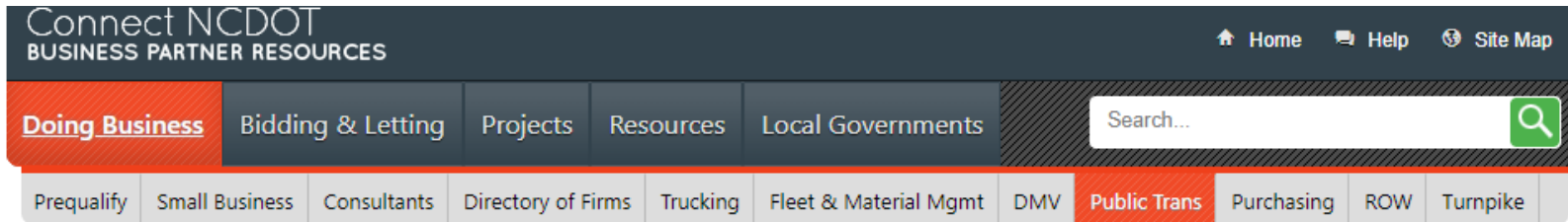
Upcoming Communications and Events

Please see below for a upcoming communications and events:

Subject	Date	Notes
DHHS Funding Requi		
Suppl		

Created a Website to house all Vaccine Partnership Information

<https://connect.ncdot.gov/business/Transit/Pages/Transportation-COVID-19-Vaccine-Sites.aspx>



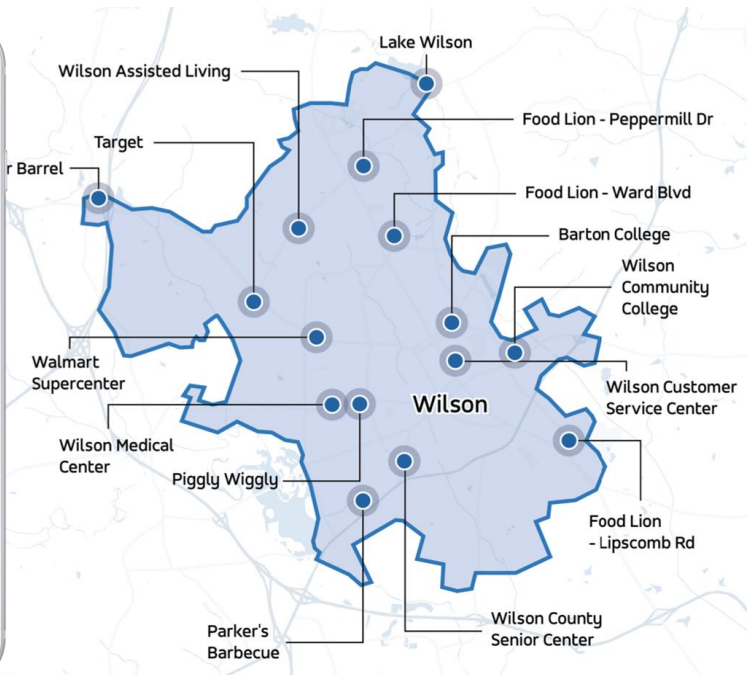
Transportation to COVID-19 Vaccine Sites

Transportation to COVID-19 Vaccine Sites

The image shows the main content area of the 'Transportation to COVID-19 Vaccine Sites' page. At the top, a breadcrumb trail reads: 'Connect NCDOT > Doing Business > Public Trans > Transportation to COVID-19 Vaccine Sites'. The page is divided into two main columns. The left column is titled 'Transportation to COVID-19 Vaccine Dashboard' and contains a question '*Need to find a ride to your shot?' followed by two numbered steps: 1) Review the Transit System Map below to find your local transit providers; 2) Call or visit the website of your transit system to find information on available transportation in your area. Below these steps is a paragraph stating that NCDOT-IMD, in collaboration with NCDHHS, are currently collaborating on a plan to assist local transit agencies in providing rides to COVID-19 vaccinations. The right column is titled 'Documents' and lists three PDF links: 'Best Practices & Funding Information for Local Transit Agencies', 'COVID-19 Vaccine Ride Assistance Initiative Overview for Transit Agencies and Vaccine Providers', and 'Vaccine Transportation Weekly Progress & Claims Submission'. Each link is accompanied by a PDF icon.

City of Wilson's RIDE program

Paving the way for economic mobility in a rural community



- Fixed routes with RIDE on-demand service began Sept. 2020
- Replaced decades-old fixed route system
- Provides reliable transportation to job sites and health care
- Expands coverage and reduces wait times
- **One vehicle dedicated to vaccine site trips**

"We believe RIDE will not only provide a better service for current transit riders, it creates a new, convenient, and modern transportation option anyone can access."

—Grant Goings, City Manager

Data-driven Response

Monitor, Measure, Communicate

Numbers through Tuesday, March 2



55 Transit Systems
have provided
1,399 Trips



Number of Miles

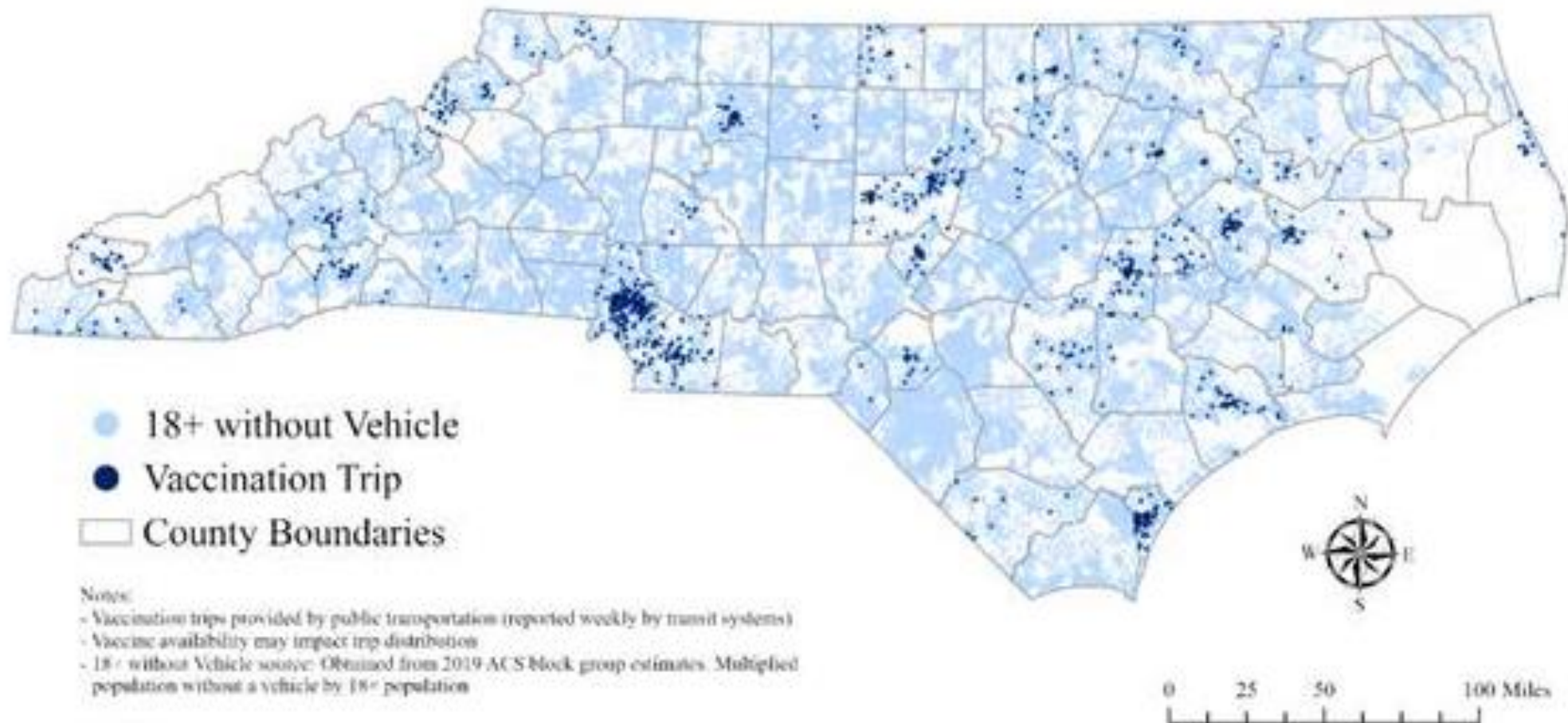
14,796

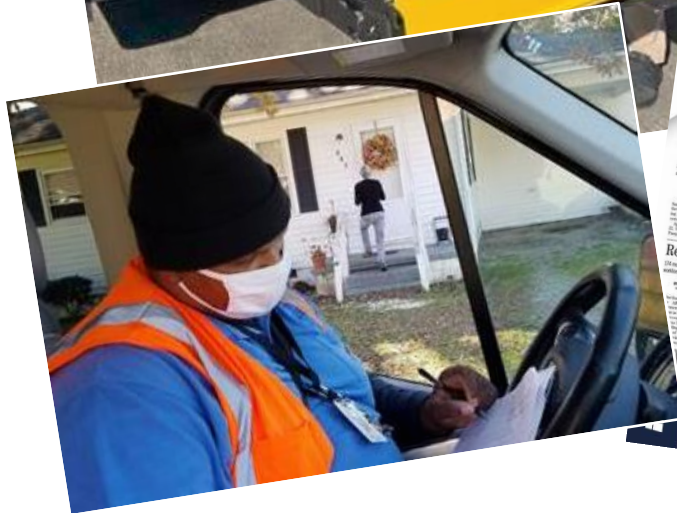
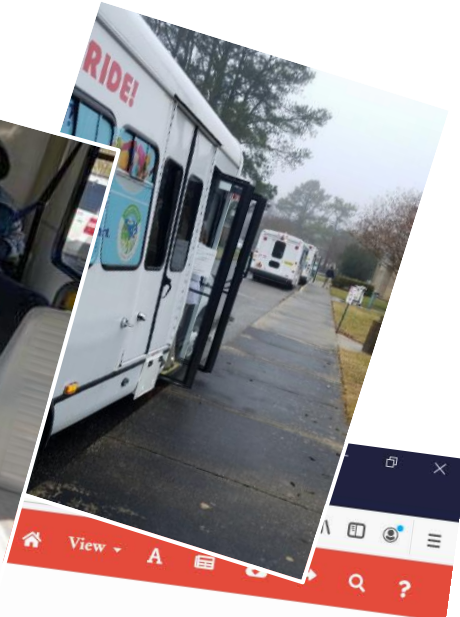


3 Systems
transporting Nurses & Paramedics
to Homebound Persons



Number of Vaccine Trips Provided Compared to Estimated Need





By Reggie Ponder Staff Writer 13 hrs ago

People who need help with transportation to get to a COVID-19 vaccination clinic can get a ride through the Inter-County Public Transportation Authority.

Amy Underhill, a spokeswoman for Albemarle Regional Health Services, the agency that oversees ICPTA, said people who wish to arrange transport to a clinic through ICPTA should call 338-4480.

"ICPTA started transporting individuals (to vaccine clinics) last week," Underhill said. "Thus far 20 have been served and another 20 are scheduled for this week."

She noted that transportation has to be coordinated with the availability of the vaccine.

"Capacity depends on vaccine availability," Underhill said. "ICPTA takes information from clients who want the vaccine and reports the total people interested to ARHS. ARHS checks vaccine allotment and schedules individuals and tells us how many and when to bring them."

Underhill said ARHS is committed to providing transportation for all who need assistance.

"We have advertised on the ARHS and ICPTA websites," Underhill said. "ICPTA started with a computer-generated call to all of our clients informing them of the availability of transportation to receive the vaccine."

Underhill said ICPTA received funding from the N.C. Department of Health and Human Services "just for" transportation to COVID clinics. The funds help pay the cost of rides to the clinics.

"We intend to provide service to all who need it for as long as it takes," she said.

Pasquotank Commissioner Cecil Perry, who sits on the Albemarle Regional Health Services Board of Directors, mentioned in remarks earlier this week that the health board has noted some people use bicycles as their means of transportation. He said there needs to be access for those people as well.

Underhill said people are able to walk up or bike to any of the vaccine clinics.


ARHS plans to announce its schedule for next week's vaccine clinics in its weekly update later today.

Ensuring Air Quality on Buses

- IMD and the Safety and Health Workgroup developed a guide for transit agencies regarding HVAC technologies for buses
 - Collaborated with nation's leading hospital HVAC engineering firms and faculty of UNC Gillings School of Global Public Health
 - Identified systems that reduce risk of airborne diseases like COVID-19
 - Impacts future of air quality systems on transit vehicles and in facilities to more effectively reduce disease at ~same cost as current systems
 - Can be incorporated into HVAC redesigns for new transit vehicles and facility renovations

North Carolina DOT HVAC Technology Reference Document

The COVID-19 pandemic has prompted a flood of products into the marketplace that claim to make the air safe to breathe. Some of these products may be helpful while others may pose unintended health risks to employees and customers. This document was created to help transit agency managers take the guesswork out of considering HVAC upgrades. North Carolina DOT commissioned the development of this document by one of the nation's leading Hospital HVAC engineering firms, and had it reviewed and endorsed by faculty at the University of North Carolina Gillings School of Public Health. None of these technologies serve as a replacement for mask usage and physical distancing during the COVID-19 pandemic, but targeted investments may be incrementally helpful in critical facilities and vehicles.

Indoor Air Management Technology	Application	How it Works	Important Considerations	Potential Funding Sources/ROM Cost
TECHNOLOGIES TO CONSIDER FOR REDUCING THE RISK OF AIRBORNE DISEASES LIKE COVID-19				
Higher MERV rated or HEPA filters (In-line) 	Filtration Efficiency (Facilities and Vehicles)	MERV-13 and higher rated filters, including HEPA filters (MERV-17 and 18), mechanically remove a vast majority of potentially harmful particles from the air.	<ul style="list-style-type: none"> * Higher MERV rated filters are a reliable way of removing potentially infectious particles from the air. Any upgrade – even from a MERV-6 to a MERV-7 filter – can be beneficial. * ASHRAE states here that “Research has shown that the particle size of the SARS-CoV-2 virus is around 0.1 µm (micrometer). However, the virus does not travel through the air by itself. Since it is human generated, the virus is trapped in respiratory droplets and droplet nuclei (dried respiratory droplets) that are predominantly 1.0 µm in size and larger.” * According to ASHRAE standard 52.2, MERV-13 and better filters can remove more than 98% of particles between 0.3 µm and 1.0 µm on the first pass; HEPA filters (MERV-17 and better) can remove more than 99.97% of particles 0.3 µm in size on the first pass. * According to ASHRAE, “HEPA filters may not be an appropriate option for some into HVAC systems due to high pressure drops and the likelihood that systems will need new filter racks to allow sufficient sealing to prevent filter bypass” - check with your HVAC provider to evaluate feasibility, airflow reductions due to pressure drops, and potential noise concerns. * In-Line HEPA filters, if properly sized to the HVAC system, can be very effective at removing potentially harmful particles from the air. NCDOT endorses their use in facilities and vehicles. NCDOT recommends working with your HVAC provider to determine the highest MERV rated filter that can be used in the system and/or 	Operating \$30 - \$400 each



NORTH CAROLINA

Department of Transportation



Thank You.

Julie White, Deputy Secretary of Multimodal Transportation
juliwhite@ncdot.gov

For more information, visit:
[Transportation to COVID-19 Vaccine Sites \(ncdot.gov\)](https://www.ncdot.gov/COVID-19/VaccineSites)



ADVANCED TECHNOLOGIES COMMITTEE (ATC) AGENDA

BOARD OF TRANSPORTATION
MARCH 3, 2021

TIME: 8:30 AM

Members of the Board will participate in the meeting via Microsoft Teams.
Members of the public may listen to the meeting by clicking the following link: <https://livestream.com/nc-dot>

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of October 7, 2020 Meeting Minutes	Landon Zimmer, Chair	8:30-8:35
NC Transportation Innovation Council and FHWA Innovation Programs	Becca Gallas, P.E. Chief Engineer's Office- Staff Engineer	8:35-8:45
Advanced Safety Service Patrol Technology Deployment	Dominic Ciaramitaro, P.E. State Traffic Operations Engineer	8:45-8:55
Harkers Island Bridge Replacement	Trey Carroll, P.E. Structures Management Unit, Project Engineer- Policy Development	8:55-9:05
Question & Answer Presentation Discussion	David Howard, Chief Deputy Secretary	9:05-9:25
Adjourn	Landon Zimmer, Chair	9:25-9:30



NORTH CAROLINA Department of Transportation



Advanced Safety Service Patrol Technology Deployment

Dominic Ciaramitaro, PE

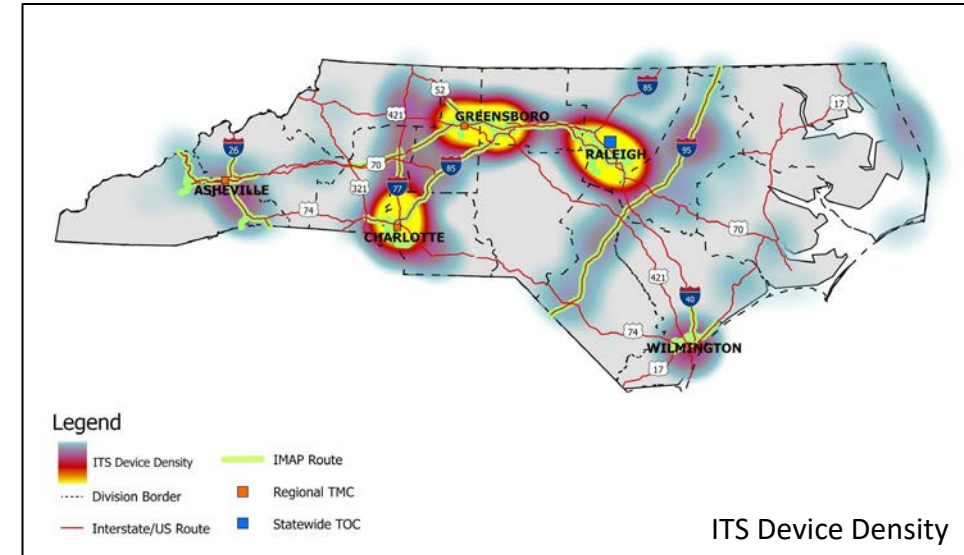
March 3, 2021

Agenda

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

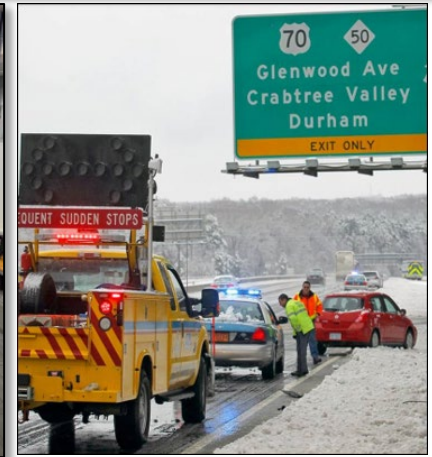
Background – Program

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



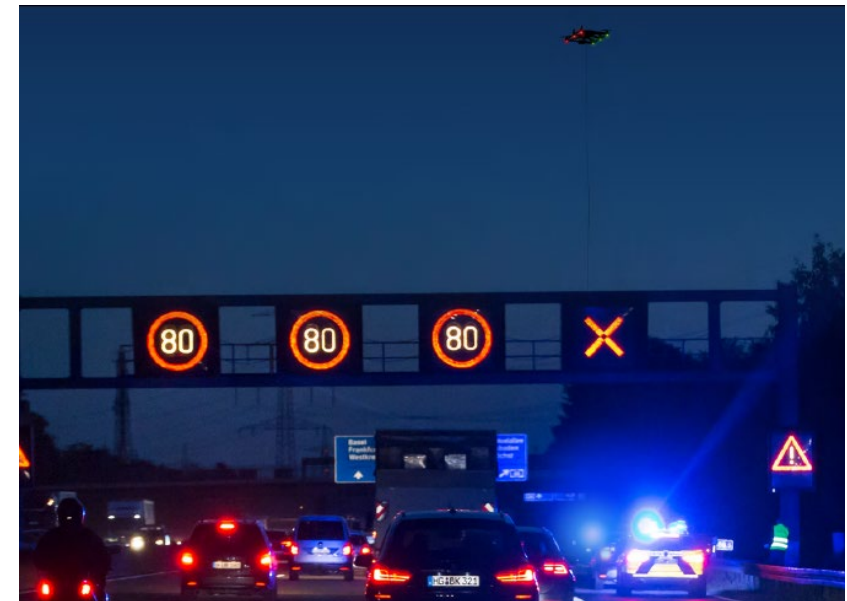
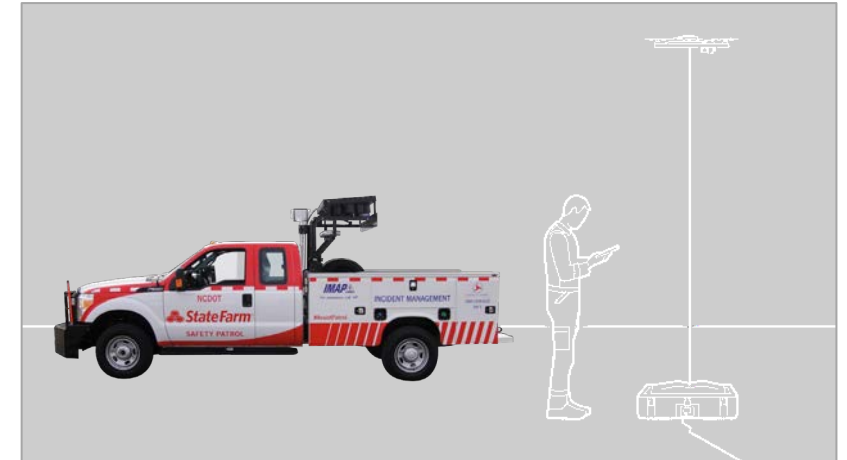
Background – Pilot

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



Situational Awareness - Tethered Drones

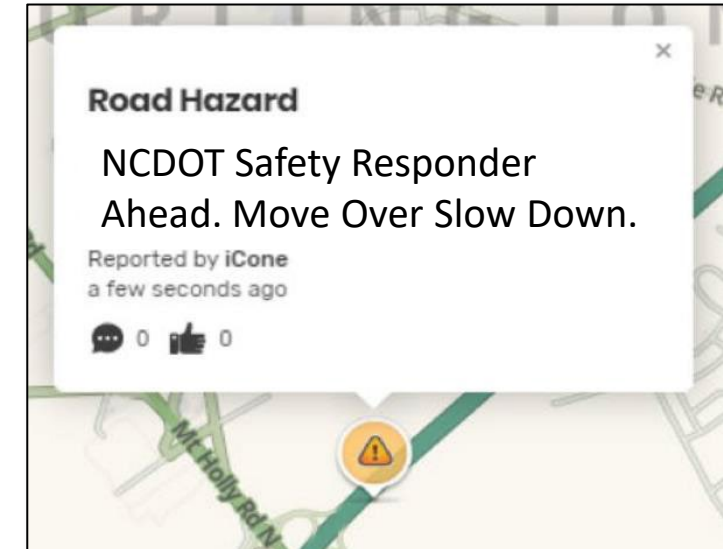
- Systems
 - Funding for 2 x systems
 - ~\$15K - \$25K per system (controller, drone, tether, streaming)
- Capabilities
 - Operator license not required, < 150' AGL
 - Live Streaming in STOC
 - High loiter time w/ minimal operation required
 - Collaboration w/ Div of Aviation
- Expected Benefits
 - Visual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



Fotokite Drone

Safety - Emergency Vehicle Alerting Devices

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

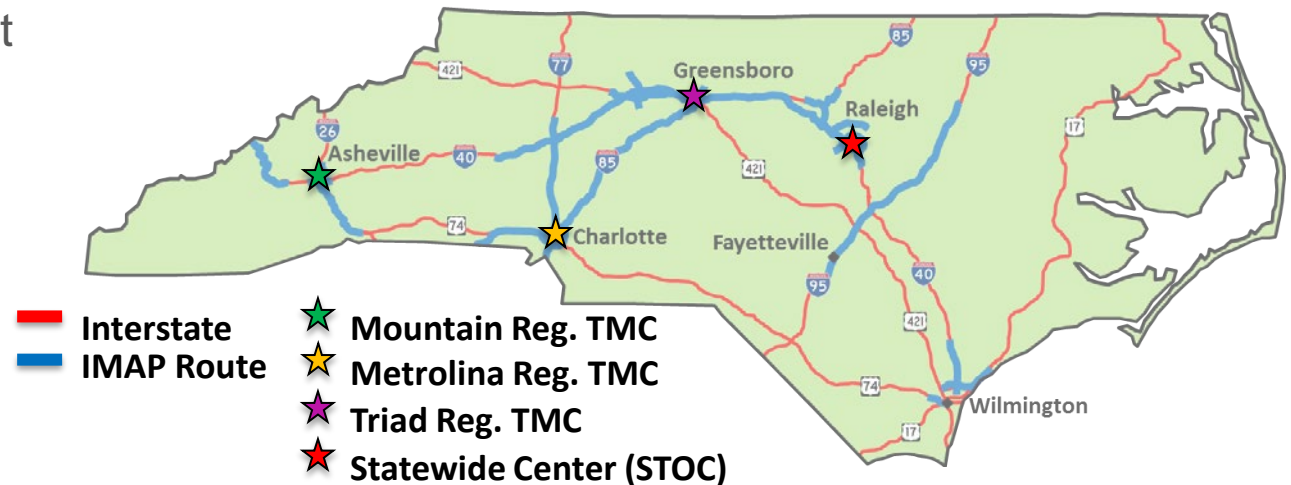


HAAS, HA-5 Transponder



Training and Implementation

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



Challenges

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

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

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

Subtitle B—Unmanned Aircraft Systems

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

49 USC 44801. State shall establish, in accordance with section 49, United States Code, a system of integrating and managing the following:

CHAPTER 448—UNMANNED AIRCRAFT SYSTEMS

49 USC 44801. "§ 44801. Definitions.

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

49 USC 44801. "§ 44801. Definitions.

"In this chapter, the following definitions apply:

"(1) **ACTIVELY TETHERED UNMANNED AIRCRAFT SYSTEM.**—The term 'actively tethered unmanned aircraft system' means an unmanned aircraft system that is physically attached to a ground station through physical manipulation of the tether.

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

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

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

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

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

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

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

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

"(7) **PUBLIC UNMANNED AIRCRAFT SYSTEM.**—The term 'public unmanned aircraft system' means an unmanned aircraft system

IMAP Technology Pilot Takeaways

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



NORTH CAROLINA Department of Transportation



Harkers Island Bridge Replacement

Trey Carroll, P.E.

March 3, 2021

Significance of the Harkers Island Bridge Replacement Project

Project Utilizing Innovative Technology:

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

Advantages of FRP Strands & Bars:

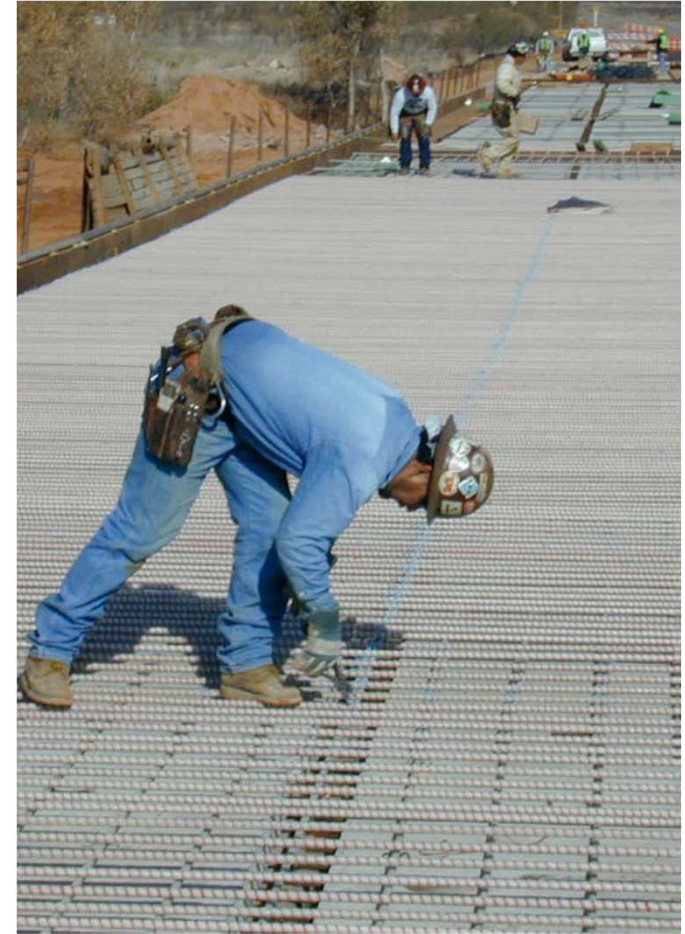
- Superior Corrosion Resistance
- High Tensile Strength
- Lightweight



Carbon Fiber Reinforced Polymer (CFRP) Strands



Glass Fiber Reinforced Polymer (GFRP) Bars



Former Bridge [20 years]



New Shinmiya Bridge [23 years]





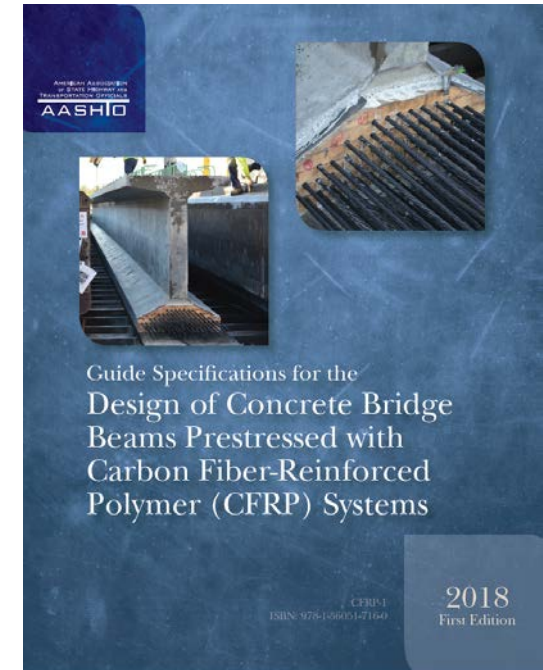
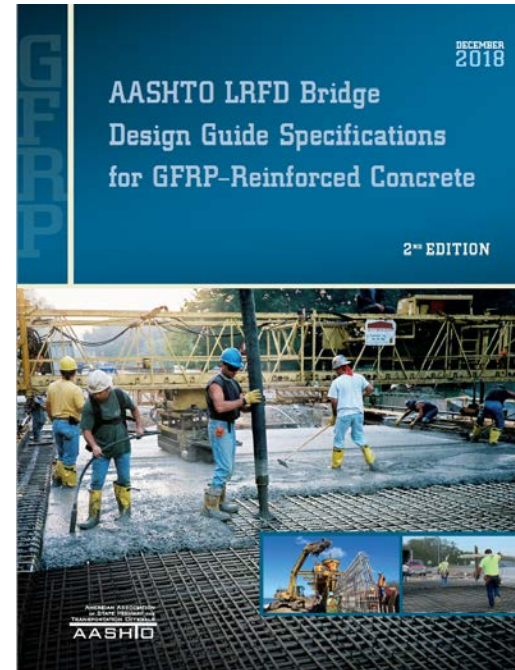
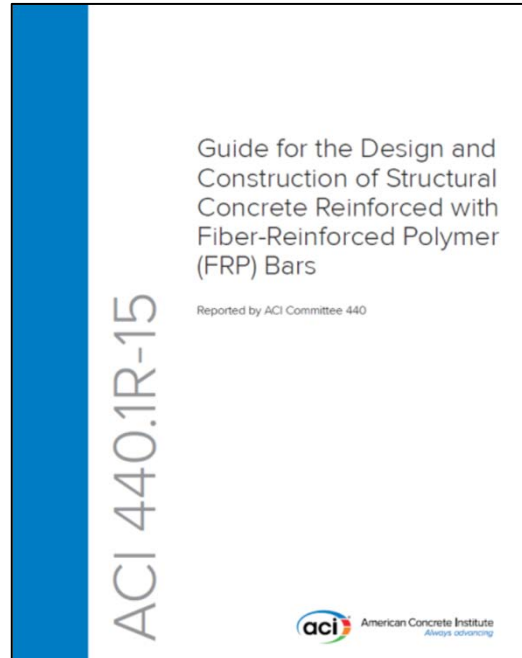
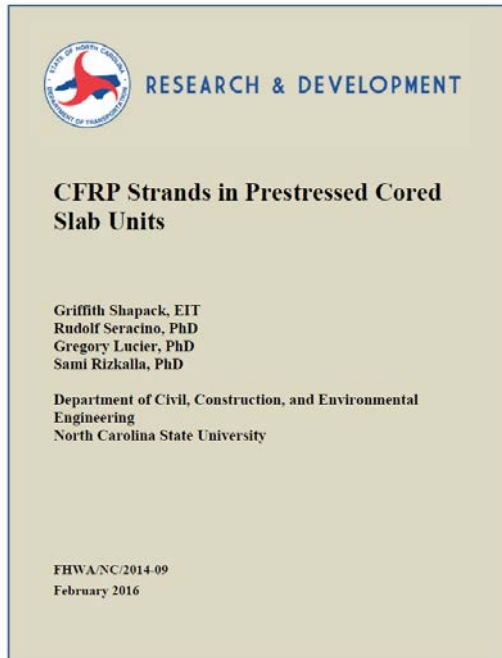
Leadup to Harkers Island

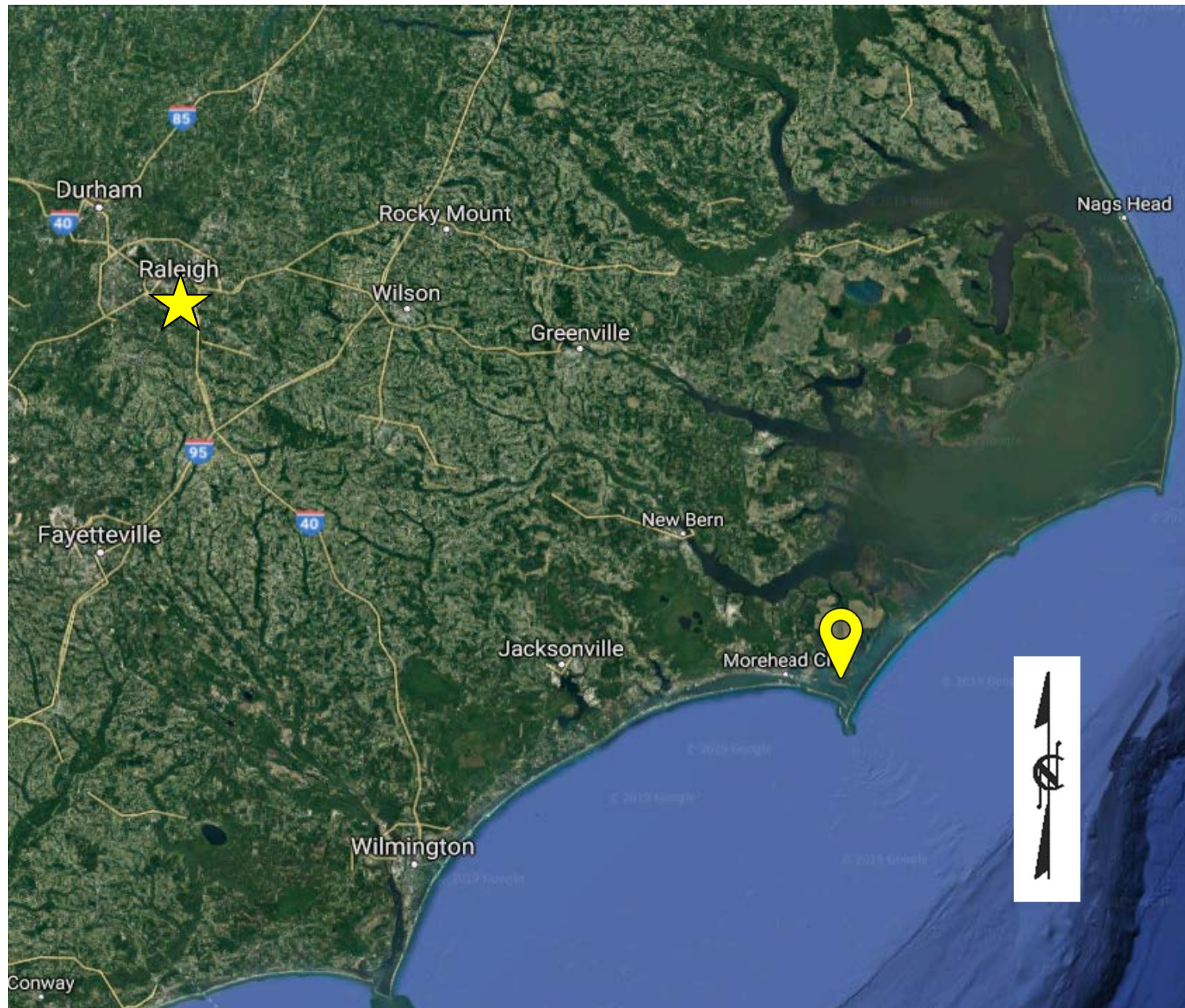
- 2005 – Glass Fiber Reinforced Polymer (GFRP) Bridge Deck
- 2014 – NCDOT/NCSU Research Project 2014-09: *CFRP Strands in Prestressed Cored Slab Units*
- 2017 – Transportation Pooled Fund Research Project – 5(363): *Evaluation of 0.7 inch Carbon Fiber Reinforced Polymer Pretensioning Strands in Prestressed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



Codes, Manuals, & References:

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





Harkers Island, NC



Bridge No. 96

- Built 1970
- Superstructure Replacement 2013
- Functionally Obsolete



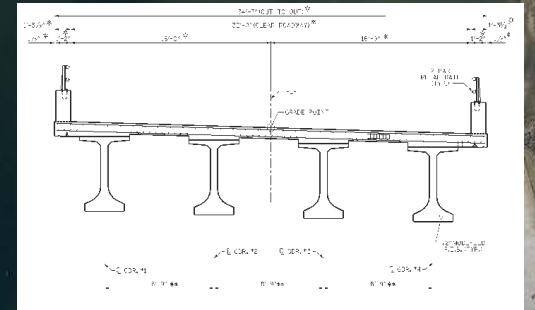
Bridge No. 73

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



Bridge No. 73

Bridge No. 96



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

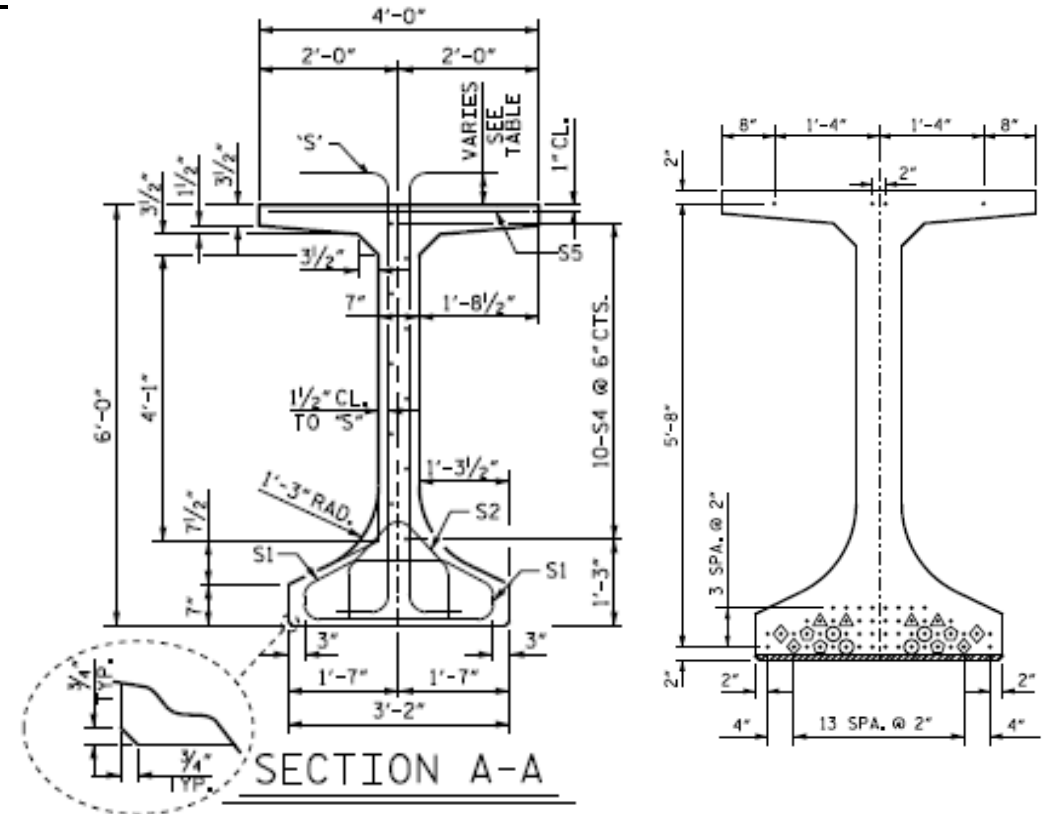
Harkers Island Bridge Project Details

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



Harkers Island Bridge Project Details

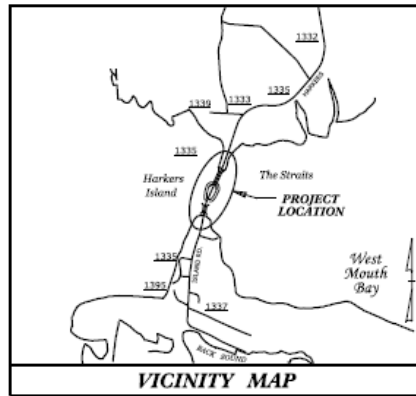
- Construction Estimate: \$39,900,000
- AID Commitment: \$1,000,000
- CFRP Prestressing Strand:
 - Girders: 650,000 Linear Feet
 - Piles: 325,000 Linear Feet
- GFRP Reinforcement:
 - Superstructure: 715,000 Linear Feet
 - Substructure: 200,000 Linear Feet



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

TIP PROJECT: B-4863

CONTRACT: C204372



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CARTERET COUNTY

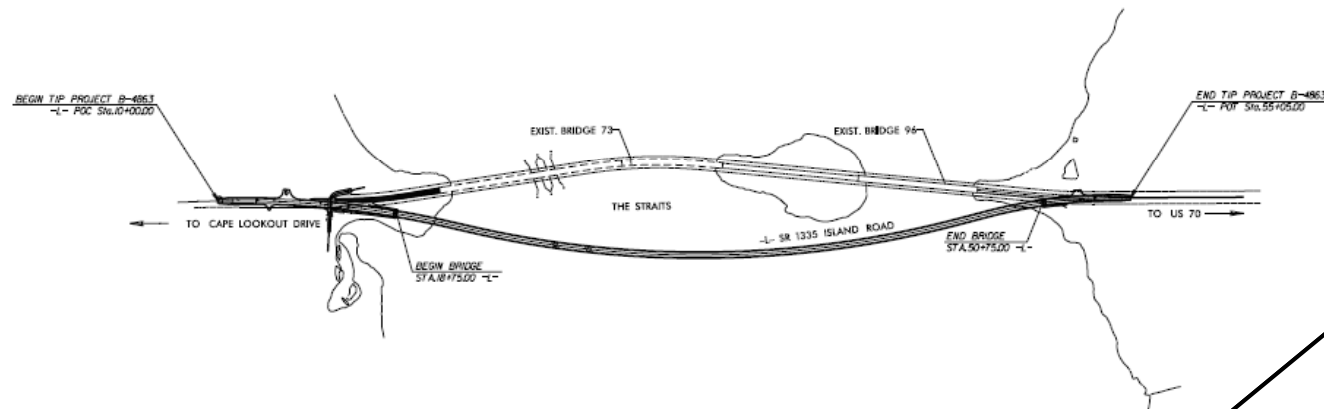
LOCATION: REPLACEMENT OF BRIDGE NOS. 73 AND 96 CARRYING
SR 1335 (HARKERS ISLAND RD) OVER THE STRAITS

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

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



LETTING DATE:
JULY 20, 2021



STRUCTURES



DESIGN DATA

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

PROJECT LENGTH

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

Prepared in the Office of:
DIVISION OF HIGHWAYS

2019 STANDARD SPECIFICATIONS

LETTING DATE:
JULY 20, 2021

T. H. CARROLL, PE
PROJECT ENGINEER

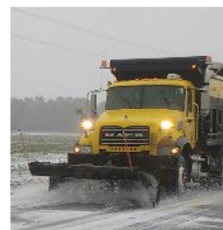
A. K. PATEL, PE
PROJECT DESIGN ENGINEER

STRUCTURES MANAGEMENT UNIT
JIM BURCH, BRIDGE DIR.
RALEIGH, NC 27609

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA



NORTH CAROLINA Department of Transportation



NC Transportation Innovation Council and FHWA Innovation Programs

Rebecca Gallas, PE

March 3, 2021

NC-TIC Mission



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

NC-TIC History

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



Promoting Internal Innovation



Internal Innovation

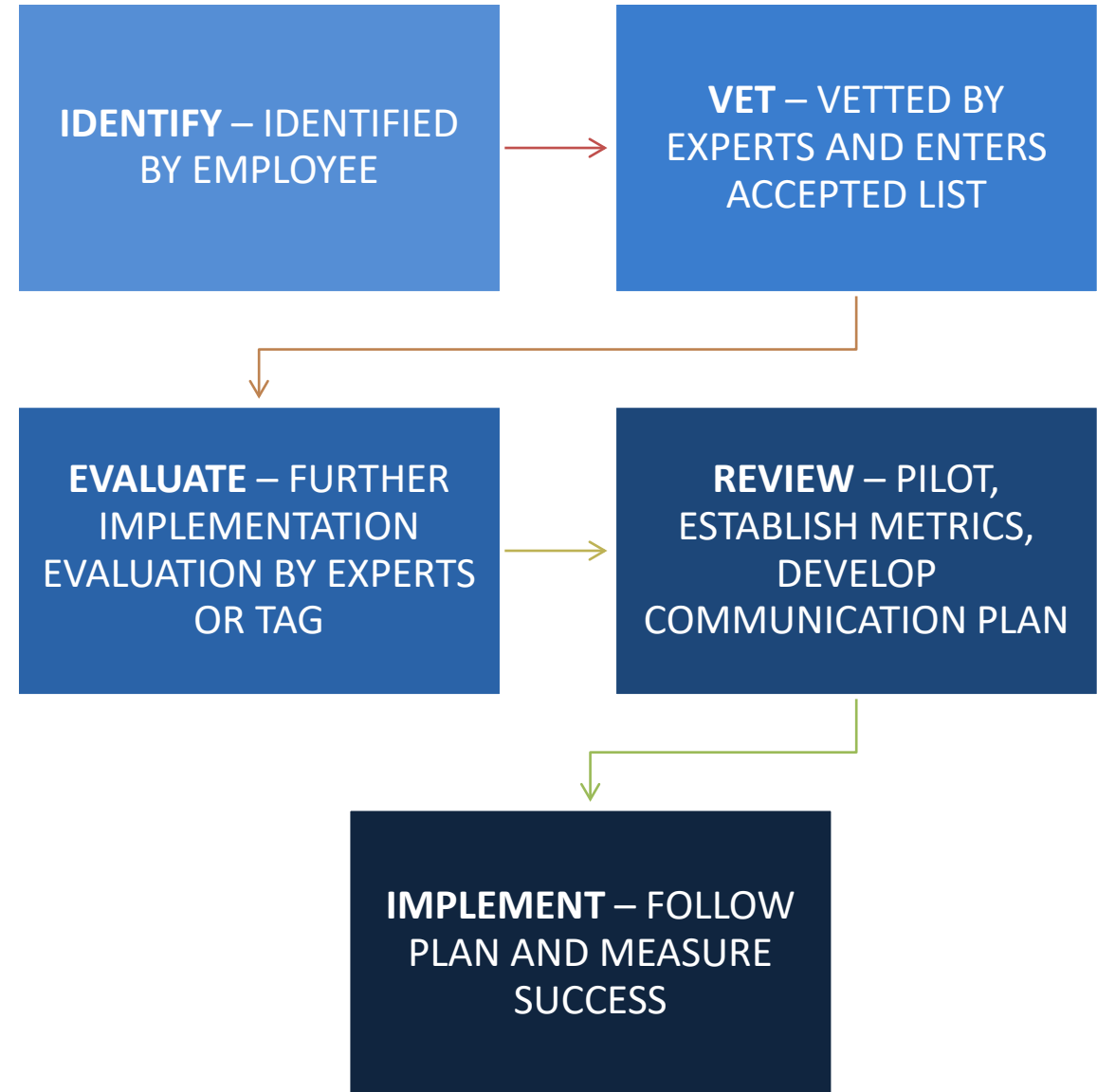
GOALS:

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



CLEAR Knowledge Management

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



Strategic Implementation Teams (SIT)



UAS

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



EV Conversion of Fleet Vehicles

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

FHWA Innovation Programs



Every Day Counts



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

EDC-6 Innovations (2021 - 2022)

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

*Continued from EDC-5 (2019 – 2020)

STIC Incentive Funds



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

- Currently soliciting FY 2022 Proposals -

Selection of Current STIC Projects

Hydraulic
Design
Practices

Standardizing
the Leading
Pedestrian
Interval (LPI)

Advanced
Safety Service
Patrol
Technology
Assessment

Accelerated Innovation Deployment



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

Funding maximum - \$1 Million

AID Projects

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



FINANCE COMMITTEE MEETING MINUTES

DATE: February 3, 2021 TIME: 10:30 AM LOCATION: NCDOT Board Room & virtual in Teams

MEETING CALLED BY	Chair Tony Lathrop
BOARD ATTENDEES	Chair Tony Lathrop, Vice Chair Billy Clarke, Valerie Jordan, Lisa Mathis, Brad Lail, Andy Wells, Chuck McGrady, Stephen Rosenburgh

AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Approval of the January 6, 2021 Meeting Minutes – Chairman Tony Lathrop	
DISCUSSION SUMMARY	<p>Chairman Lathrop stated for members that given the circumstances surrounding COVID-19 and the change in law related to public meetings, the meeting will include the following:</p> <ul style="list-style-type: none">• <i>implementing a roll call voting system for all actions</i>• <i>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</i> <p>Additionally, Chairman Lathrop stated that he would like to take this time to also remind 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.</p> <p>Chair Lathrop called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chairman Lathrop read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chairman Lathrop stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the January 6, 2021 meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to approve the January 6, 2021 meeting minutes.</p> <p>Vice Chairman Clarke made the motion to approve the minutes and Board member Mathis provided the second.</p> <p>Chair Lathrop took a roll call vote. Members Lathrop, Clarke, Jordan, Mathis, Lail, Wells, McGrady and Rosenburgh individually voted in favor of approving the minutes and the January 6, 2021 minutes were approved unanimously.</p>



FINANCE COMMITTEE MEETING MINUTES

2. Financial/Budget Update and Spend Plan Amendment #2 – Stephanie King, CFO

DISCUSSION SUMMARY

Mrs. King began by giving an update on the financial health of the Department. The year-to-date revenue for SFY 2021 was \$549 million more than for SFY 2020 and the Highway Fund and Highway Trust Fund were healthy. Revenues continued to come in greater than the May Consensus Revenue Forecast. In addition, the Department continued to bill FHWA approximately \$20M/week and continues to get Build NC trustee reimbursements. She noted expenditures were 9% lower than the spend plan forecast but were beginning to increase and come into alignment with the spend plan. She explained that Financial Management continues to work with senior leadership and project managers to understand the cash needs and current commitments. As a result of greater revenue and less than forecast expenditures, the cash balance was increasing. She expected the cash balance to remain higher in the winter months until construction and project invoicing increases in the spring/summer. The estimated January closing cash balance was \$1.3 billion, which required reporting to the Joint Legislative Transportation Oversight Committee. She explained how the improved financial health of the Department leads to conversations of how to use cash to advance programs based on budget that is already on the books.

Mrs. King presented Spend Plan Amendment #2 as information only. It is a realignment of the current Spend Plan and is focused on what cash can be expended this SFY. Some areas in their evaluation determined that cash payments would not occur by June 30 and would need to be shifted to SFY 22. The Amendment also incorporates Federal Revenue from the COVID Relief Package of \$229M. Mrs. King noted the Amendment reflects the Department's capacity to take additional funding, bill against expenses and existing projects, replenish cash and allow for additional projects to be let and moved forward. She explained Planning & Programming is working to determine what programs/projects can be advanced. The net effect of Amendment #2 is a reduction in the SFY 2021 Spend Plan. She requested any questions or concerns be directed to her and noted the Amendment will be presented for approval in March.

There were questions about the Roadside Environmental Program and litter removal. DOT staff will be pulling together more information about how to address litter removal and public communication.

ACTIONS TAKEN

NONE TAKEN

3. Revenue – COVID Relief Update – Burt Tasaico, PE

DISCUSSION SUMMARY

Mr. Tasaico presented data on the NC Statewide Vehicle Mile Travel Changes from March to December 2020 and the correlation between vehicle miles traveled and fuel consumption. He noted there are spikes in miles traveled that correspond to holidays. He also noted that in early Spring 2020 the 7-day rolling average reached its lowest point which was a decrease of approximately 45% from pre COVID levels. The rolling average began to improve over summer 2020 and at the end of the calendar year seemed to be more stable at approximately 10% less than normal years.

Mr. Tasaico next presented the Vehicle Miles Traveled vs. Fuel Consumption Change. He noted DOT receives fuel consumption revenues from NCDOR one month in arrears and he will continue to monitor the VMT in order to give DOT a one-month advance



FINANCE COMMITTEE MEETING MINUTES

	<p>notice of the revenues that will be coming. He then compared the three major revenue sources (Motor Fuel Tax, Highway Use Tax, DMV Fees + Interest) between previous SFY to current SFY Forecast and Current SFY Actuals year to date. He noted how Current SFY actual revenues are very close to the previous SFY and trending higher than the May Consensus Revenue Forecast that was used in the original Approved Spend Plan.</p> <p>Mr. Tasaico described how the analysis of where we stand on state revenue mid-way through the SFY will become the basis for the next revenue forecast update. He will be working in conjunction with OSBM in developing an updated revenue forecast that will be used for the Governor's Budget Development, NCDOT Spend Plan and the entire cash model for future time periods.</p> <p>He then noted that he continues to monitor the Federal Trust Fund Status and cautioned that as time moves toward the end of the federal fiscal year there may be a possibility the FHWA CFO has to take measures to limit reimbursements to state DOTs. That is a variable that he will monitor, and the Department will adjust the cash model and spend plan if need be. He gave a Federal Status Update of the 2021 Consolidated Appropriations Act and the funding NCDOT expects to receive, which is approximately \$995.9 million. He noted the obligation authority that goes to allocated programs and any unused funds would be a part of the August redistribution.</p>
ACTIONS TAKEN	NONE TAKEN
4. Aviation Division Update – Bobby Walston, PE	
DISCUSSION SUMMARY	<p>Mr. Walston presented the NC Public Airport NC Public Airport Annual Impacts that was included in the NC State of Aviation Report released on January 11, 2021. These impacts include \$61B Economic Impact, 373,000 Jobs, \$15B in Personal Income and \$2.5B in Tax Revenue. They are based on 2019 airport data which is pre COVID. He noted there is brochure and video on the economic impact that can be found on the NCDOT Aviation web site. He then detailed the many ways airports support NC communities and the Division's Core Functions.</p> <p>Mr. Walston next informed that there are 72 NC Airports – 10 Commercial Service (offer regularly scheduled passenger service) and 62 General Aviation. All connect local businesses and communities to global markets, house and refuel aircraft, support military and agriculture operations, statewide emergency response, aerial photography, pilot training, and tourist activities. He noted that 94% of NC population lives within a 30-minute drive of a public airport.</p> <p>He described the Division of Aviation Mission, which is to promote the economic well-being of NC by developing a safe and robust air transportation system. The Division's Core Functions are Airport Development Grants Administration, Unmanned Aircraft Systems Integration, Education & Professional Development, Passenger & Photogrammetry Services for State Agencies, Aerospace Economic Development. He highlighted that in July of 2020 they launched the NC Aerospace Business Development Plan to partner with Department of Commerce, Economic Development Partnership of NC, and stakeholders across the state to expand the aerospace sector and create jobs.</p>



FINANCE COMMITTEE MEETING MINUTES

	<p>He presented a Division of Aviation Typical Expenditure and noted more than 97% of the DOA's budget is used to invest in airports with grants and technical assistance for development and maintenance.</p> <p>He then presented a video of Aviation projects that were completed in 2020 or are expected to be complete in early 2021. He noted the State Grant Programs and funding via the Highway Trust Fund (Strategic Transportation Investments) and Highway Fund (State Aid to Airports, Commercial Services Airport Fund, Statewide Airport Programs, Economic Development Fund). He next gave a quick overview of the airport grantmaking process and timeline.</p>
ACTIONS TAKEN	NONE TAKEN
5. Adjournment	
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to adjourn the February 3, 2021 meeting.</p> <p>Board member Rosenburgh made the motion to adjourn the meeting and Vice Chairman Clarke provided the second.</p> <p>Chair Lathrop took a roll call vote. Members Lathrop, Clarke, Mathis, Lail, Wells, McGrady, and Rosenburgh individually voted in favor of adjourning the meeting. The vote to adjourn was unanimous.</p>



FINANCE COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION MARCH 3, 2021

TIME: 2:45 PM

Members of the Board will participate in the meeting via Microsoft Teams.

Members of the public may view the meeting by clicking on the following link:

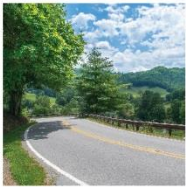
<https://livestream.com/nc-dot>

TOPIC	PRESENTER	TIME
Welcome & Call to Order Roll Call & Declaration of Quorum Approval of February 3, 2021 Meeting Minutes	Tony Lathrop, Chair	2:45 PM
Revenue Update	Burt Tasaico, PE Director of Strategic Initiatives	2:50 PM
Financial and Spend Plan Update	Stephanie King, CFO	3:05 PM
Vote for Spend Plan Amendment #2	Tony Lathrop, Chair	3:20 PM
Advance Construction	Stephanie King, CFO Van Argabright, PE, Division of Planning & Programming Director	3:25 AM
Other Discussion	Tony Lathrop, Chair	3:40 PM
Adjourn	Tony Lathrop, Chair	3:45 PM



NORTH CAROLINA

Department of Transportation



Advance Construction

Stephanie King, Chief Financial Officer

Van Argabright, Director, Division of Planning & Programming

March 3, 2021

Traditional Financing

- Prior to the late 1980's States would Authorize projects and obligate all funding at once
 - Uses full Obligation Authority and Budget Authority

- Example:

\$10M Federal Construction Authorization/Obligation

- \$8M (80%) in Federal Funds obligated immediately
 - Entire \$8M deducted from DOT's OA and BA balance
 - Limits overall amount of projects we can move forward with
- \$2M (20%) remaining covered with State Match
 - This is the same for traditional and AC

Advance Construction (AC)

➤ Definition:

- An authorization technique that allows FHWA to authorize a project without obligating those billable federal funds. FHWA approves a project as being eligible for federal funding but does not commit to reimbursing the agency for the project.

➤ Advantage:

- Maintains eligibility for future reimbursement without a commitment of current BA and OA

➤ Effective use of AC requires:

- Availability of state funds to pay project cost until reimbursement
- A stable federal program that we monitor very closely

Advance Construction (AC)

- Obligate funding over several years rather than at the beginning of a project

- Allows for better management of OA and BA

- Example:

\$10M Federal Construction Authorization

- \$8M (80%) in Federal Funds authorized but not fully obligated until expenditures accrue
 - Convert and Obligate \$2M in year 2
 - Convert and Obligate \$4M in year 3
 - Convert and Obligate \$2M in year 4
 - Frees up OA and BA for use on other projects each year
- \$2M (20%) remaining covered with State Match
 - This is the same for traditional and AC

Grant Anticipated Revenue Vehicles (GARVEE) Bonds

- Specific type of AC with partial conversions over life of bonds (currently 15 years)
 - The portion of eligible expenses that equal the bond payment is converted to allow for payment
- Total bond principal of outstanding GARVEE bond debt included in NCDOT's AC Balance
- Bill FHWA for principal and interest
- Debt service is paid to Trustee for the debt service.

Advance Construction Work Group

- Formed a work group in September to look at Advance Construction and make any needed recommendations
- Formulated a Draft Advance Construction Policy that includes oversight
- Partnered with DOT Communication to inform the public about the program
 - Webpage link: <https://www.ncdot.gov/about-us/how-we-operate/finance-budget/Pages/advance-construction.aspx>
 - Questions & Answers
 - Tables that contain information on the use of Advance Construction
 - Advance Construction Policy
 - Link to Additional Information

SL2020-91 required DOT to submit a report to the General Assembly about the use of Advance Construction at DOT.

AC Workgroup Update

AC Control Strategy

- Two types of AC will be considered separately:
 - GARVEE: NC General Assembly has statutory limits. Workgroup proposes no additional tests.
 - Non-GARVEE AC: Workgroup proposes tests to ensure AC usage is monitored and used prudently. Federal funding needed for GARVEE payments will be subtracted prior to performing tests.

Existing Constraints for GARVEE AC

- First Constraint: the greater of the two following tests
 - Outstanding principal cannot exceed authorized federal funds in the prior federal fiscal year (FFY)
 - Maximum annual principal and interest does not exceed 20% of expected average annual federal revenue shown for the seven-year period in the most recently adopted STIP
- Second Constraint: The amount of revenues for the FFY of issuance and previous FFY shall be at least 300 percent of the maximum annual payments for all bonds.

Proposed Tests for non-GARVEE AC

- First Test: Limit AC (by funding source) to 4 years of anticipated federal apportionments
- Second Test: Limit amount of unreimbursed state funds (by funding source) on AC line to 1 year of anticipated federal apportionment

National Highway Performance Program (NHPP) Example

➤ First Test

- FFY 2021 Apportionment = \$617M
- Amount of NHPP needed for GARVEE payment = \$132M
- Net FFY 2021 NHPP apportionment = $\$617\text{M} - \$132\text{M} = \$485\text{M}$
- Limit on NHPP AC = $\$485\text{M} \times 4 = \$1,940\text{M}$
- Current NHPP AC* = \$1,709M
- \$1,709M is under the 4-year limit of \$1,904M and thus we pass first test

*available on AC Dashboard – includes IM and NHS

National Highway Performance Program (NHPP) Example

➤ Second Test

- Net FFY 2021 NHPP apportionment = \$485M
- Current amount of unreimbursed NHPP AC expenditures* = \$457M
- Since \$457M < \$485M, passes second test

*available on AC Dashboard – includes IM and NHS

Proposed Plan & Reporting

- Each September (before the next FFY), analysis will be completed on:
 - Current AC funding levels
 - Expected AC conversion for next 2 FFY's
 - Expected new AC funding for next 2 FFY's
- Report of analysis and plan presented to FPC yearly

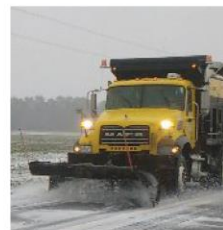
Questions?





NORTH CAROLINA

Department of Transportation



Financial and Spend Plan Update

As of January 2021

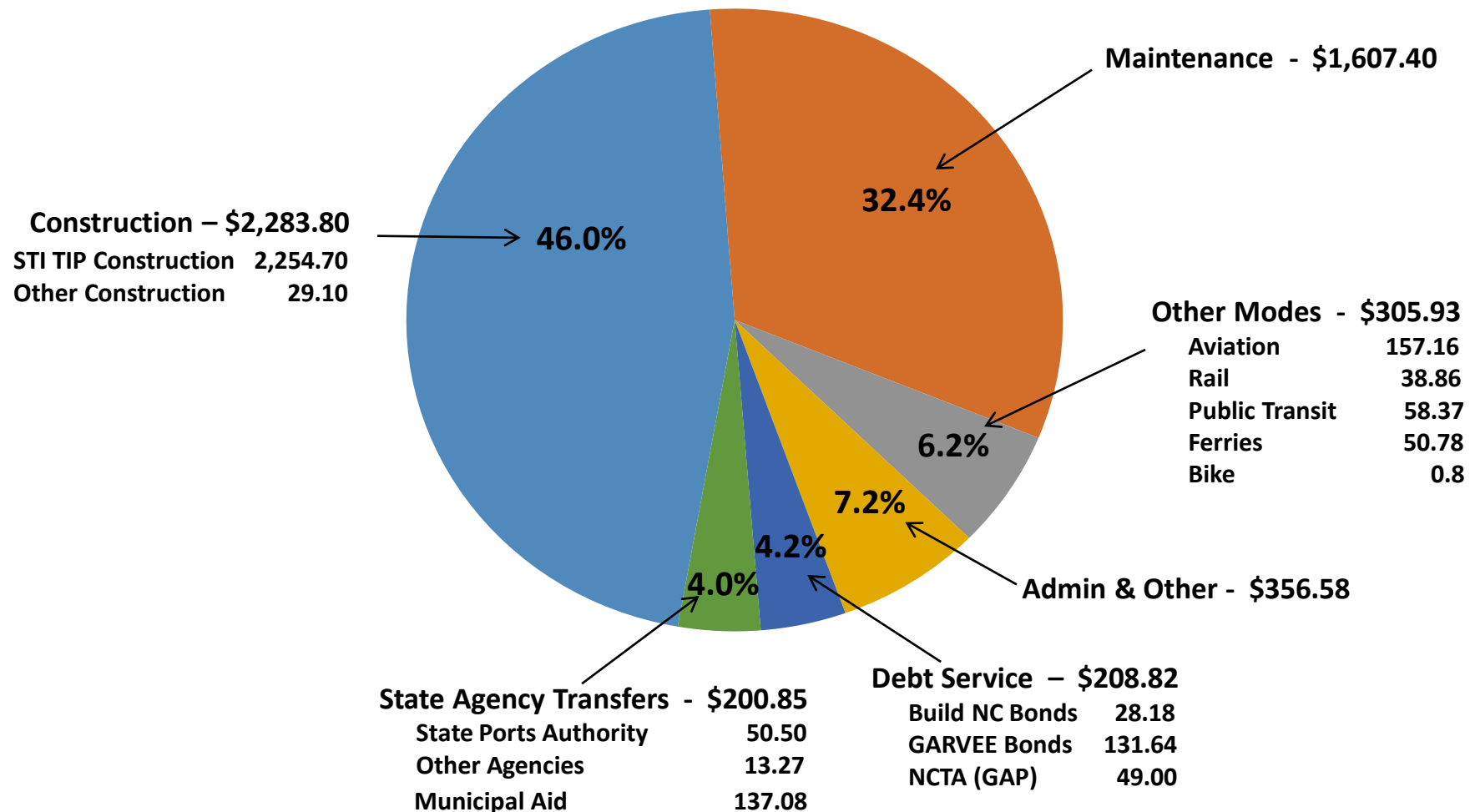
Stephanie King, Chief Financial Officer

March 3, 2021

Uses of 2020-21 NCDOT Appropriations*

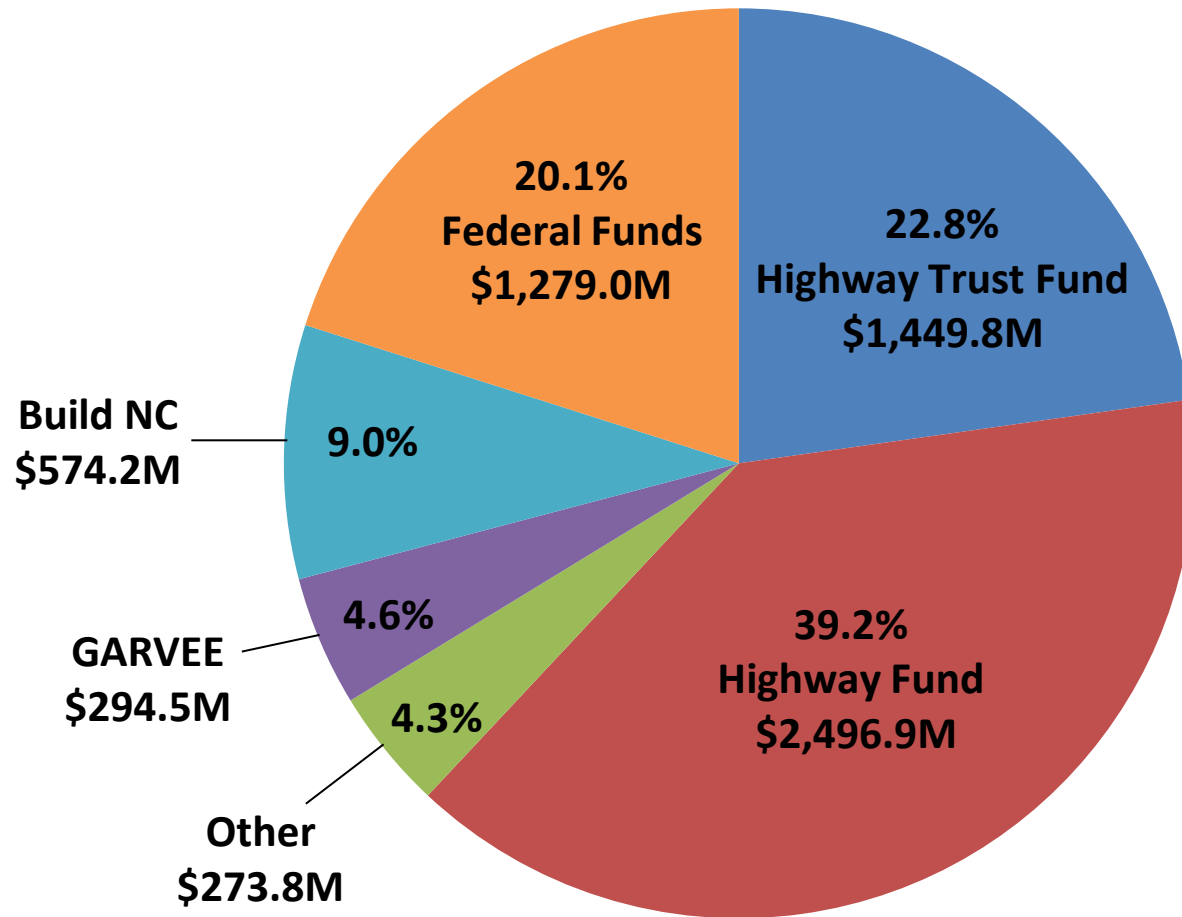
Total Funding = \$4.96 Billion

(Excludes Receipt Supported Funding of \$0.2B)



(\$ in millions)

NCDOT Sources of Cash 2020-21 by Major Funding Source Total Funding = \$6.4 Billion



(\$ in millions)

Financial Analysis

- **HF Cash** – Cash balance increased from \$100.7 million in January 2020 to \$751.9 million in January 2021. An increase of \$651.2 million or 646.4%. This increase in cash is primarily due to increased motor fuel tax and license & fees revenues for the Highway Fund combined with lower cash disbursements as a result of continued decreased expenditures.
- **HF Revenues** – Revenues increased from \$187.9 million in January 2020 to \$201.3 million in January 2021. An increase of \$13.4 million or 7.1%. This increase was primarily due to a \$8.8 million increase in motor fuel tax and a \$5.0 million increase in license and fee revenues in January 2021 compared to January 2020.
- **HF** January 2021 YTD revenues are greater than January 2020 YTD revenues by \$174.2 million, and January 2021 YTD expenses are less than January 2020 expenses by \$553.2 million.
- **HTF Cash** – Cash balance increased from \$289.5 million in January 2020 to \$563.9 million in January 2021. An increase of \$274.4 million or 94.8%. This increase in cash is primarily due to continued decreased expenditures and loan repayments from Highway Fund.
- **HTF Revenues** – Revenues decreased from \$140.6 million in January 2020 to \$119.2 million in January 2021. A decrease of \$21.4 million or 15.2%. This decrease was primarily due to a \$19.7 million decrease in motor fuel tax revenue and a \$1.0 million decrease in highway use tax revenue in January 2021 compared to January 2020.
- **HTF** January 2021 YTD revenues are lower than January 2020 YTD revenues by \$82.9 million, and January 2021 YTD expenses are less than January 2020 expenses by \$165.3 million.

Key monthly action:

- On January 6, 2021, a transfer was made from the Highway Fund to the Highway Trust Fund to repay \$30 million of the Highway Trust Fund loans that began on July 6, 2018. The outstanding balance of the loans after this payment was \$890.3 million.

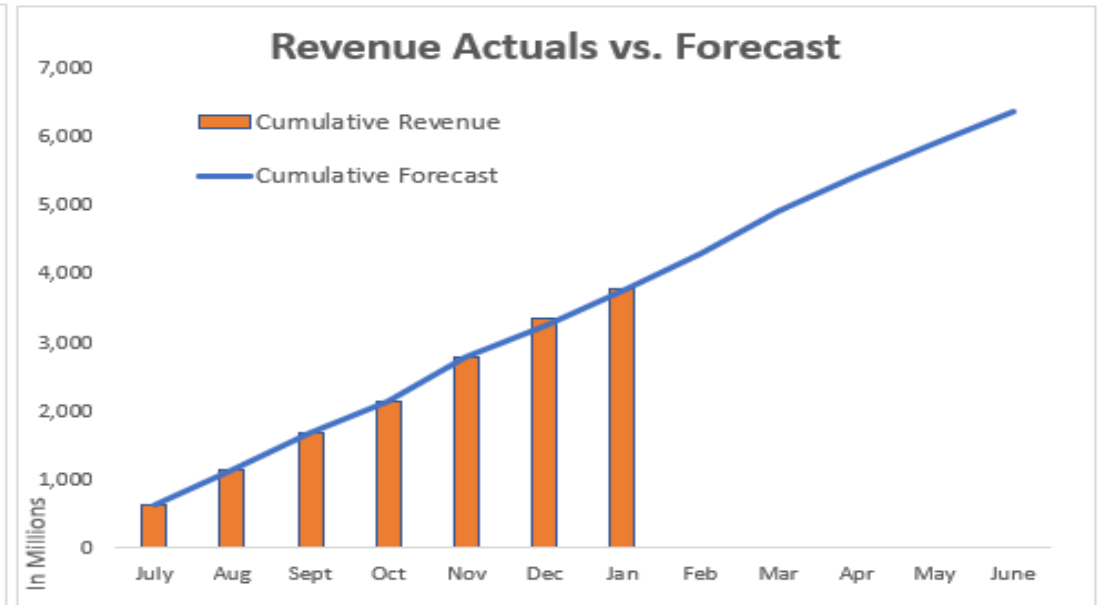
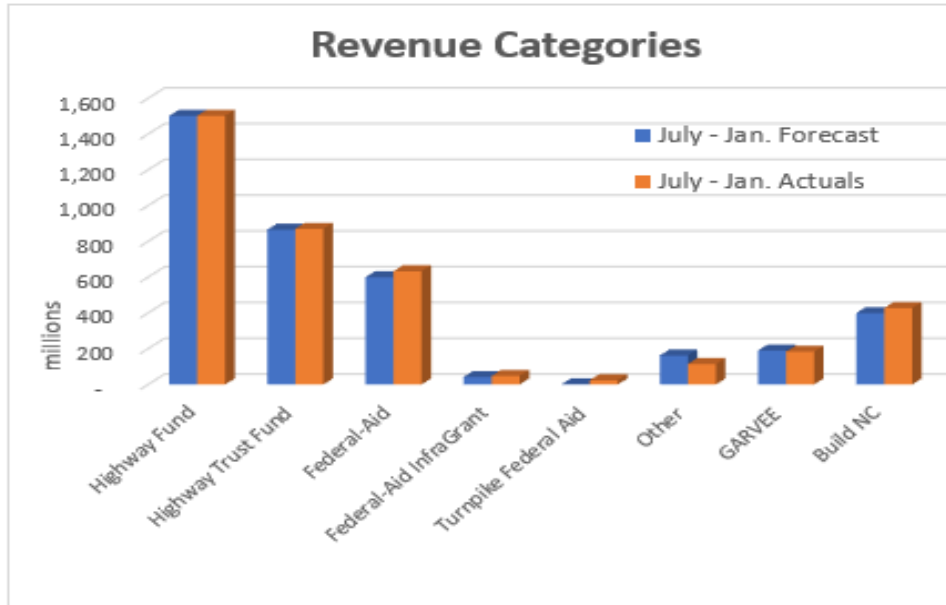
Spend Plan Analysis

- Total Revenues year to date are 1% above the spend plan forecast, or \$42 million. DOT realized higher Motor Fuel Tax revenue in July of \$80 million of deferred taxes allowed by NCDOR. The Department has received \$283 million of 2020 Build NC reimbursements from the trustee through January. In addition, year to date Federal Aid revenue was 6%, or \$34 million, above the forecasted amount.
 - Other Revenue – Total Other Revenues year to date is \$114 million or 29% below spend plan forecast. Major line items for this category include Damage Claims (\$46.1 million), Federal Transit funding (\$13.9 million), Federal Transit CARES Act funding (\$18.2 million), Federal Aviation funding (\$9.2 million), GHSP funding (\$7.7 million), and LOGO Annual Fees (\$3.7 million).
- Total Expenditures year to date are 11% below the spend plan forecast, or \$346 million. This is a result of the slow down implemented during Spring 2020 and the lag time in reinitiating project phases.
 - Total Construction Expenditures are 2% below spend plan forecast. ROW expenditures through December total \$157.2 million, or 35.4% of the \$444 million yearly spend plan. Utilities expenditures through December total \$65.0 million, or 61.9% of the \$105 million yearly spend plan.
 - Maintenance Expenditures year to date are 26% below spend plan forecast. Contract Resurfacing and Bridge Program expenditures are expected to increase as contracts are let and work begins.
 - Total Modal Expenditures are 33% below spend plan forecast. Modal grant payments to locals were delayed because of the cash uncertainty. Projects are now moving forward and expenditures are expected to increase in the third and fourth quarter of SFY 2021.

Spend Plan Revenue Summary January 2021 (in millions)

Revenue	January 2021	January 2020	2020-2021 Actual Revenue	2019-2020 Actual Revenue	\$ Δ	% Δ	2020-2021 Spend Plan Revenue Forecast*	%	2020-2021 Spend Plan Revenue Forecast* To Date	%
Highway Fund	201.48	187.85	1,502.14	1,326.47	\$175.7	13%	2,496.7	60%	1,501.6	100%
Highway Trust Fund	119.21	140.64	870.18	953.11	(82.9)	-9%	1,450.1	60%	865.2	101%
FHWA Federal Aid	48.41	157.5	633.1	760.5	(127.4)	-17%	1,201.2	53%	599.6	106%
Federal Aid - InfraGrant	4.27	0.0	47.7	0.0	47.7		76.1	63%	41.9	114%
Turnpike Federal Aid	19.78	0.0	24.2	2.0	22.2	1100%	1.7	1423%	1.7	1423%
Other	8.33	9.6	114.5	84.8	29.7	35%	273.8	42%	162.1	71%
GARVEE	7.67	10.9	183.2	84.1	99.1	118%	294.5	62%	189.7	97%
Build NC	40.40	10.6	427.4	110.3	317.1	287%	574.2	74%	398.9	107%
Total Revenue	\$449.6	\$517.0	\$3,802.4	\$3,321.3	\$481.1	14%	\$6,368.4	60%	\$3,760.9	101%

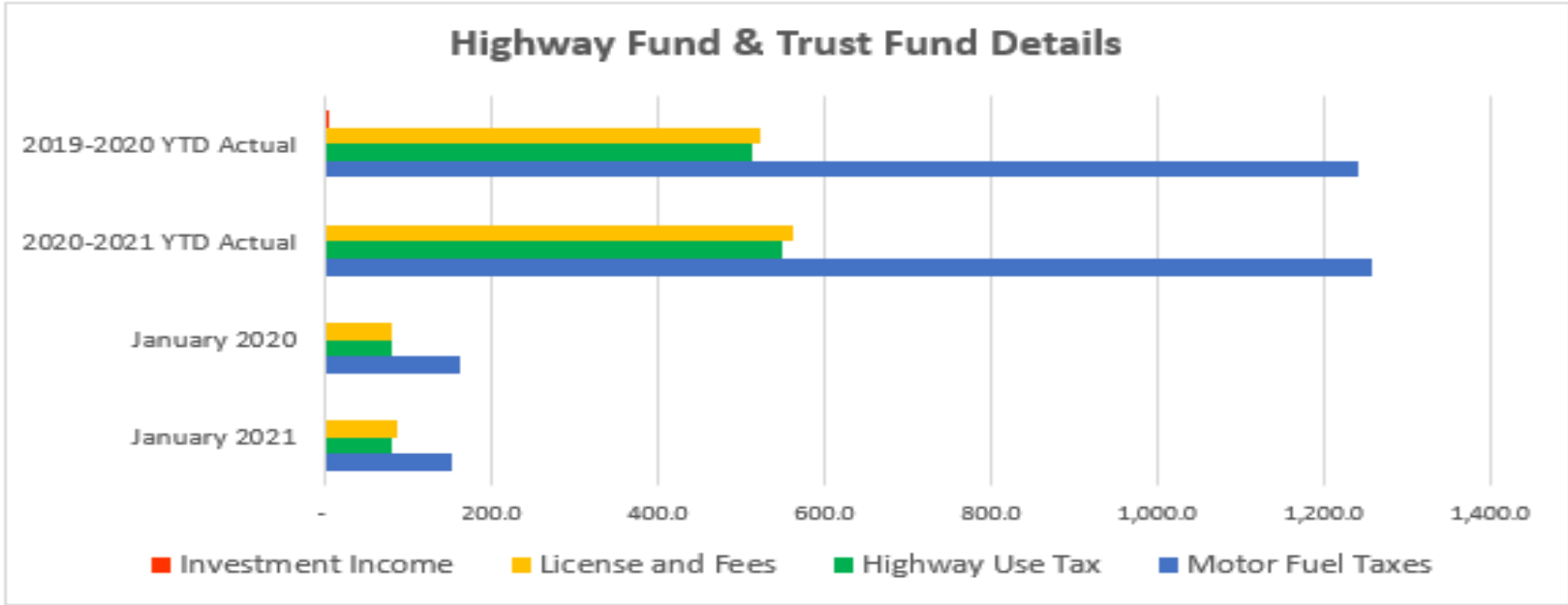
* Revised Revenue Forecast for the 12/2/20 Approved Spend Plan



Highway Fund & Trust Fund Details January 2021

(in millions)

Highway Fund & Trust Fund Details	January 2021	January 2020	Year Over Year			
			2020-2021 YTD Actual	2019-2020 YTD Actual	\$ Δ	% Δ
Motor Fuel Taxes	153.0	163.9	1,257.1	1,241.8	\$ 15.2	1%
Highway Use Tax	80.8	81.8	549.6	511.6	38.0	7%
License and Fees	86.4	81.9	563.0	521.7	41.4	8%
Investment Income	0.3	0.9	2.4	5.7	(3.3)	-58%
Total	\$ 320.5	\$ 328.5	\$ 2,372.1	\$ 2,280.8	\$ 91.3	4%

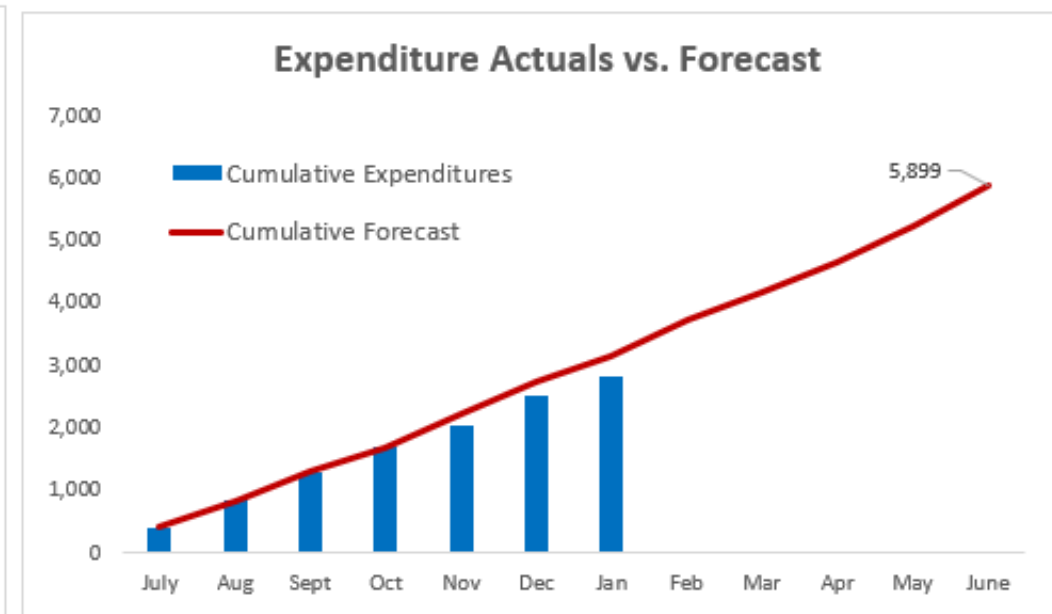
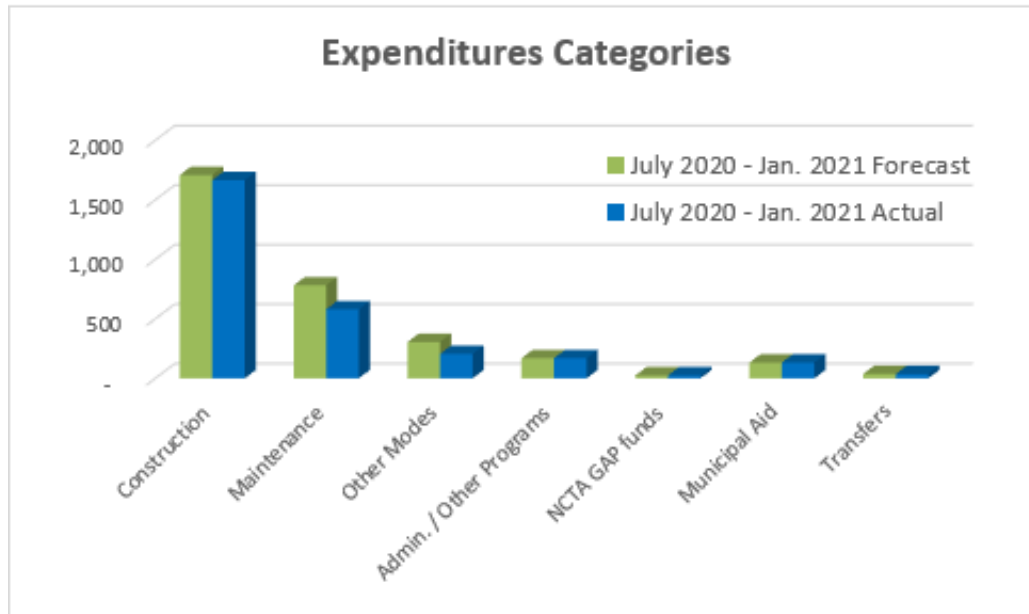


Spend Plan Expenditure Summary January 2021 (in millions)

State & Federal Funded Programs:	January 2021	January 2020	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan**	%	2020-2021 Spend Plan** To Date	%
Construction	182.9	273.4	1,665.4	2,033.9	(\$368.5)	-18%	3,117.0	53%	1,708.1	98%
Maintenance (including FEMA)	67.9	104.1	579.3	966.0	(386.7)	-40%	1,560.0	37%	781.2	74%
Other Modes	13.9	9.2	205.0	152.0	53.0	35%	643.4	32%	305.5	67%
Administration/Other Programs	22.5	24.1	169.4	181.6	(12.1)	-7%	329.1	51%	169.3	100%
NCTA GAP funds / GO Debt Service	-	-	24.5	25.0	(0.5)	-2%	49.0	50%	24.5	100%
Municipal Aid	-	-	132.6	147.5	(14.9)	-10%	132.1	100%	132.1	100%
Transfers to Other Agencies	2.4	13.6	36.2	19.2	17.0	89%	68.7	53%	37.4	97%
Total Expenditures*	\$289.7	\$424.4	\$2,812.5	\$3,525.1	\$ (712.7)	-20%	\$5,899.4	48%	\$3,158.2	89%

*Excludes NCTA Expenditures

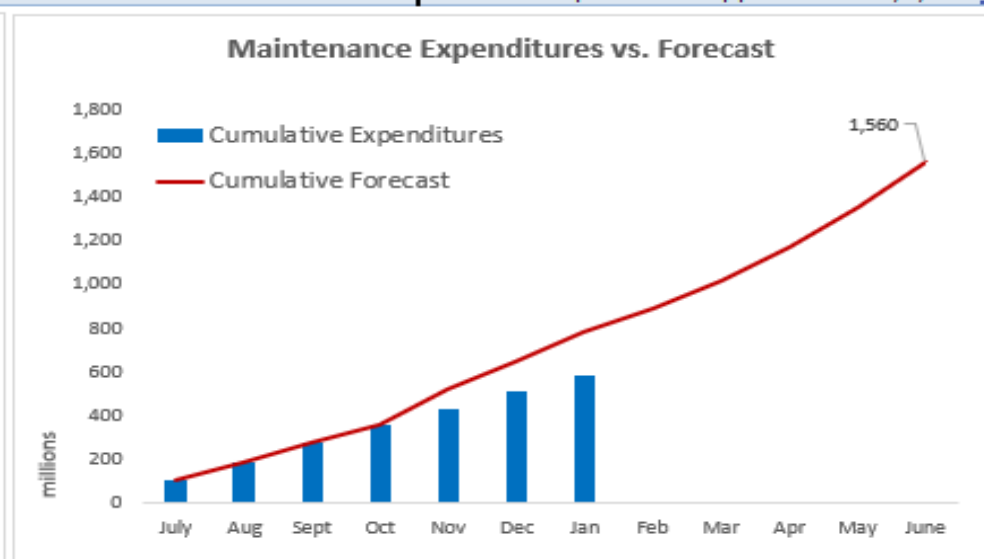
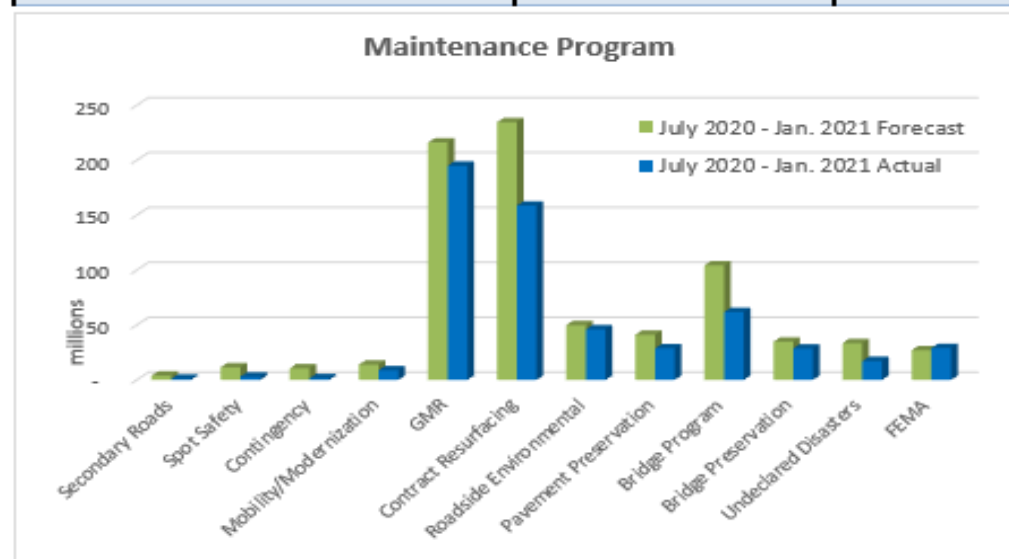
** Spend Plan Approved on 12/2/2020



Maintenance Program Expenditure Summary January 2021

(in millions)

Maintenance Programs:	January 2021	January 2020	2020-2021 Actual	2019-2020 Actual	\$ Δ	% Δ	2020-2021 Spend Plan*	%	2020-2021 Spend Plan* To Date	%
Secondary Roads	0.1	0.17	1.2	2.1	(0.96)	-45%	10.0	12%	3.9	30%
Spot Safety Improve.	0.3	0.54	2.9	4.7	(1.81)	-38%	30.0	10%	11.6	25%
Contingency	0.4	0.76	1.5	5.9	(4.41)	-74%	30.0	5%	10.7	14%
Mobility/Modernization	1.0	2.87	8.8	17.4	(8.56)	-49%	30.0	29%	13.9	63%
GMR	36.8	36.11	194.9	240.9	(45.93)	-19%	391.3	50%	216.1	90%
Contract Resurfacing	9.2	25.08	158.6	346.3	(187.63)	-54%	475.0	33%	234.7	68%
Roadside Environmental	4.7	4.90	46.2	62.2	(16.01)	-26%	90.0	51%	49.9	93%
Pavement Preservation	0.8	1.44	28.7	51.0	(22.34)	-44%	75.0	38%	41.1	70%
Bridge Program	4.9	19.26	61.7	148.2	(86.53)	-58%	225.0	27%	104.2	59%
Bridge Preservation	2.2	8.52	28.6	47.2	(18.59)	-39%	60.0	48%	34.7	82%
Undeclared Disasters	3.7	-	17.2	-	17.20		93.7	18%	33.5	51%
FEMA	3.9	4.44	29.0	40.1	(11.09)	-28%	50.0	58%	27.1	107%
Total Expenditures	67.94	104.10	579.31	965.96	(386.65)	-40%	1,560.00	37%	781.18	74%
										* Spend Plan Approved on 12/2/2020

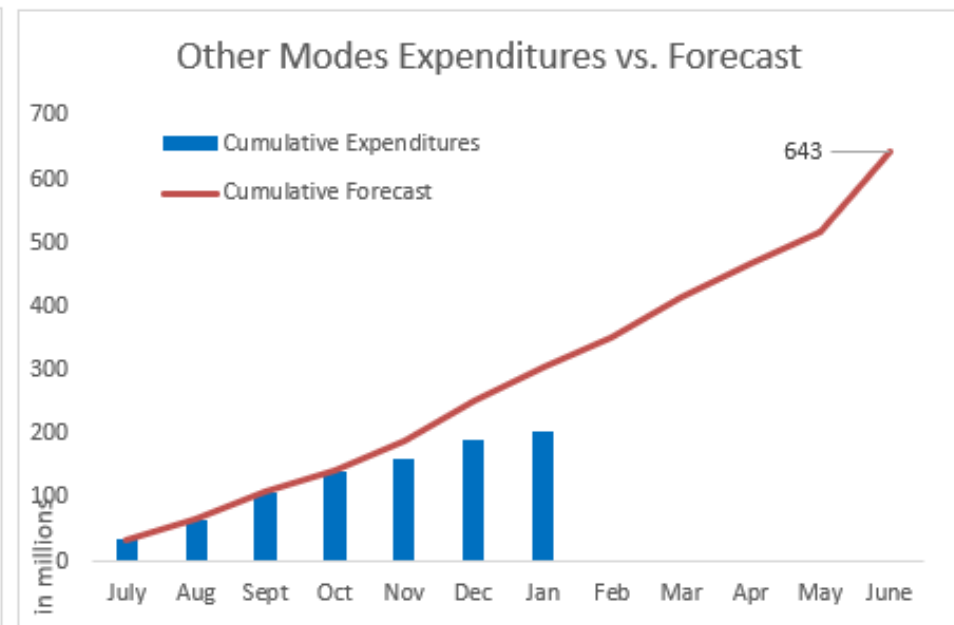
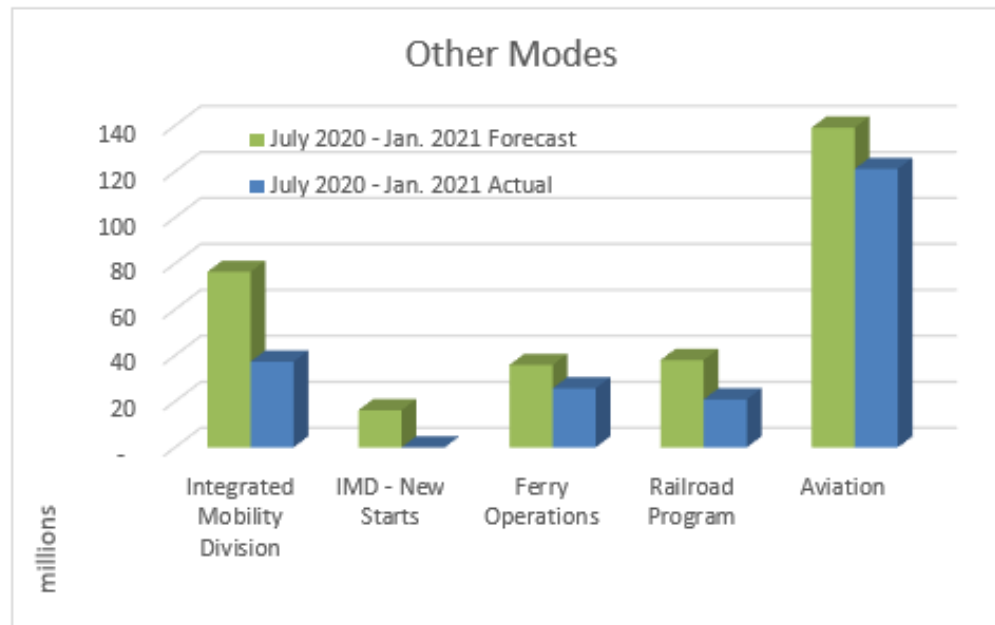


Other Modes Expenditure Summary January 2021

(in millions)

Modal Expenditures	January 2021	January 2020	2020-2021 Actual Expenditure	2019-2020 Actual Expenditure	\$ Δ	% Δ	2020-2021 Spend Plan*	%	2020-2021 Spend Plan* To Date	%
Integrated Mobility Division	5.0	(7.6)	37.3	46.8	(9.5)	-20%	185.7	20%	76.4	49%
IMD - New Starts	-	-	-	-	-	-	37.3	0%	16.2	0%
Ferry Operations	2.7	5.9	25.7	34.0	(8.3)	-24%	65.3	39%	35.9	72%
Railroad Program	2.7	3.7	20.9	19.6	1.3	7%	111.1	19%	38.0	55%
Aviation	3.6	7.1	121.1	51.6	69.5	135%	244.0	50%	139.1	87%
Total Modal Expenditure	\$13.9	\$9.2	\$205.0	\$152.0	\$53.0	35%	\$643.4	32%	\$305.5	67%

* Spend Plan Approved on 12/2/2020



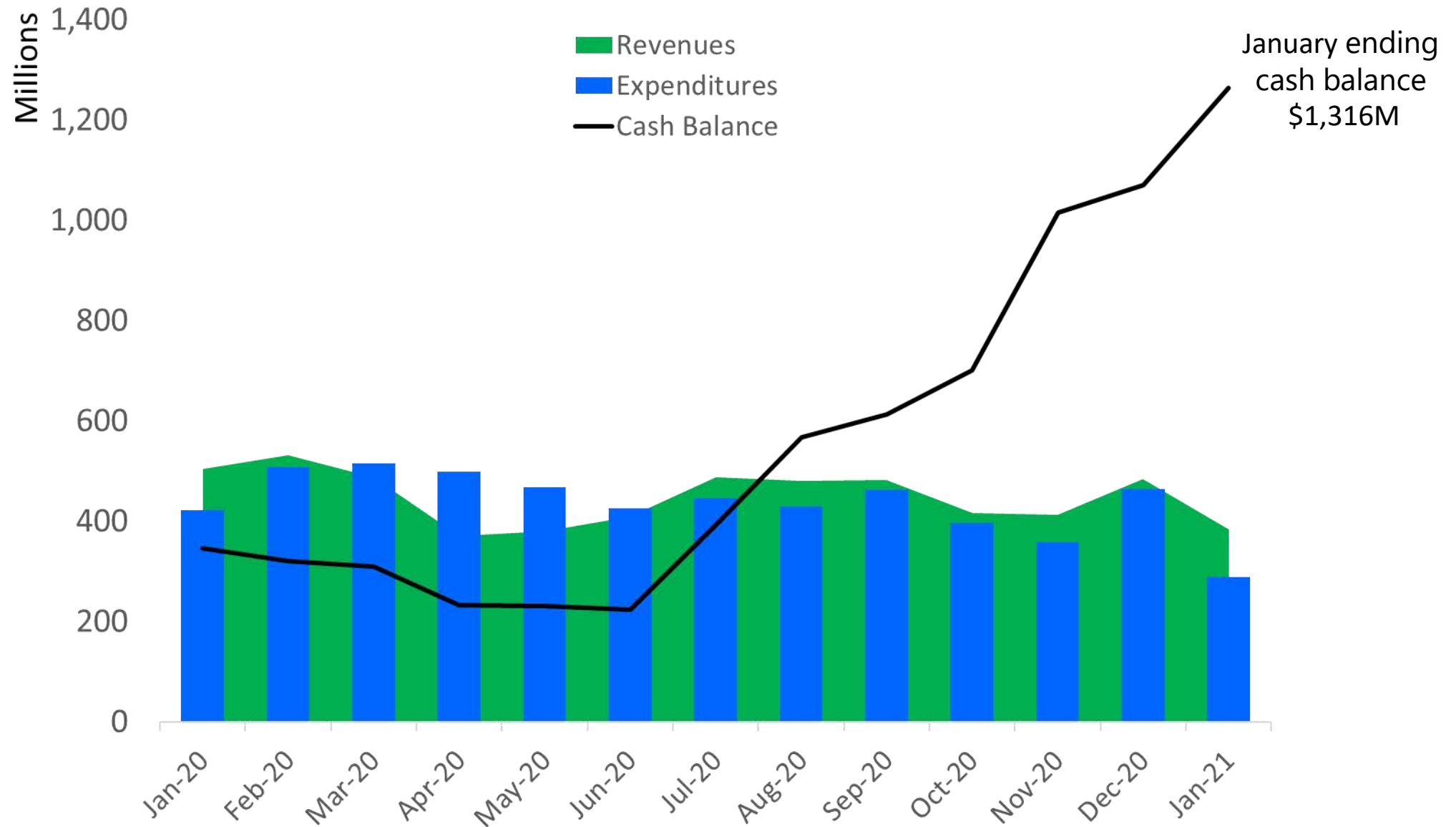
Financial Update

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

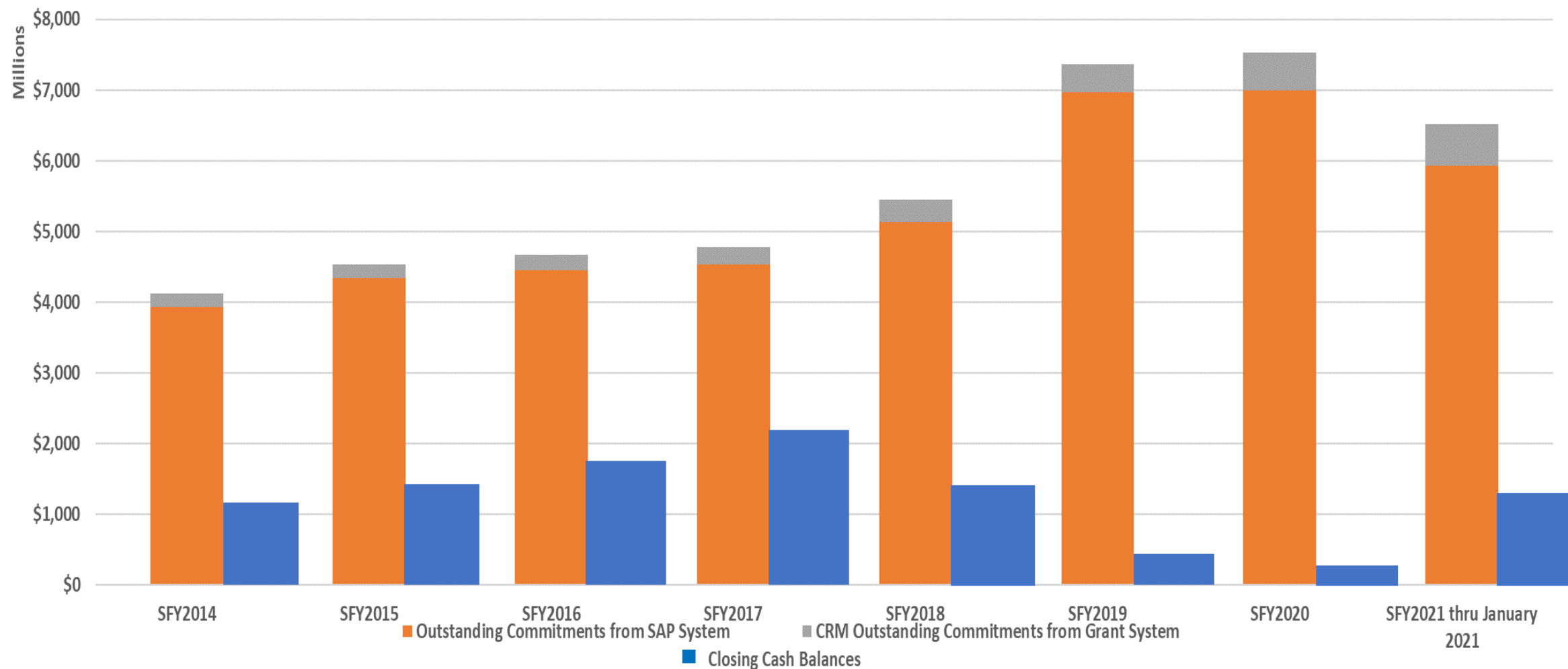
	Month over Month		Year to Date		
	January 2021	January 2020	YTD 2021	YTD 2020	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 450	\$ 517	\$ 3,802	\$ 3,321	\$ 481
Expenditures	<u>290</u>	<u>424</u>	<u>2,812</u>	<u>3,525</u>	<u>(713)</u>
Net Change	\$ 160	\$ 93	\$ 990	\$ (204)	\$ 1,194
			January 2021	January 2020	
Cash Balances:					
Highway Trust Fund			\$ 564	\$ 290	
Highway Fund*			<u>752</u>	<u>101</u>	
Totals			<u>\$ 1,316</u>	<u>\$ 390</u>	

*Excludes bond proceeds held by Trustee

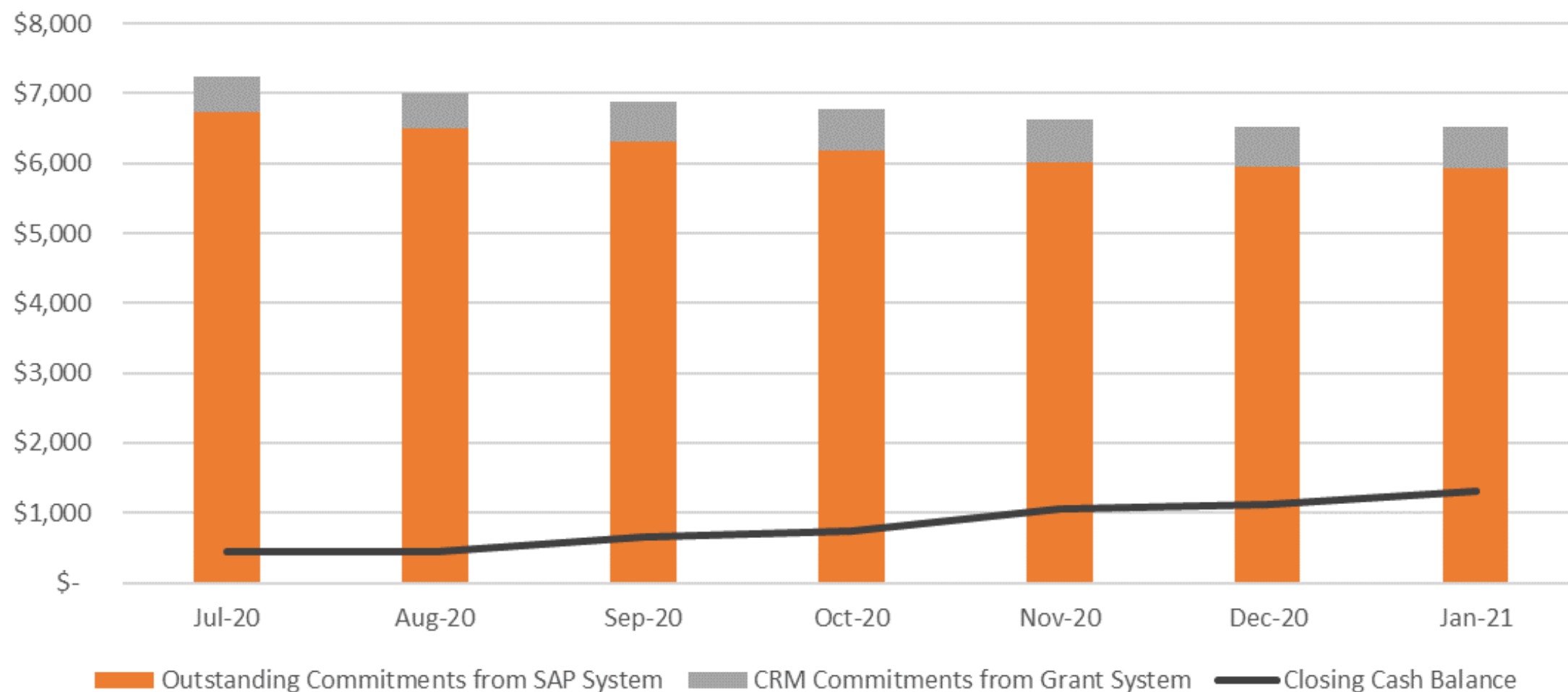
2021 Month-end Financial Indicators



NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year



NCDOT Outstanding Commitments & Closing Cash Balances by Month



Cash Reporting

Joint Legislative Transportation Oversight Committee

January 2021 – Reporting Required

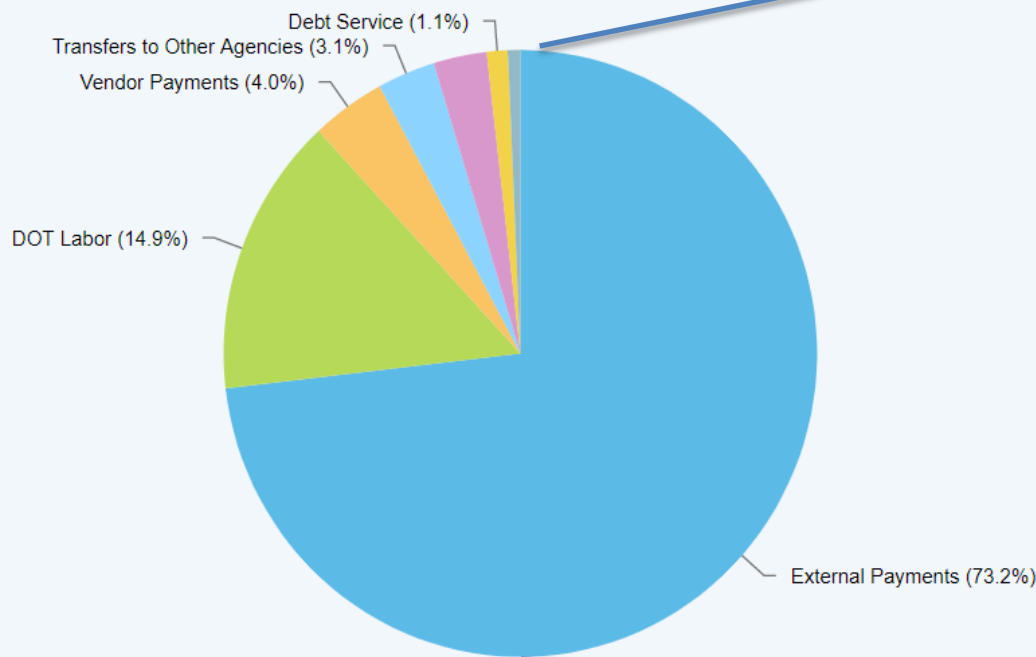
- Section 2.1 of Session Law 2019-251 requires DOT to report each month when the department's combined average daily cash balance for the month is outside of the statutory target range.
- For January 2021, the **average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$1.1 billion.
- The cash target amounts representing 15% and 20% of the total appropriations for the current fiscal year are \$535 million and \$713 million, respectively.
- The closing cash balance for January was \$1.3 billion which is above the target range and above the minimum cash balance requirement of \$267 million under G.S. 143C-6-11.

NCDOT Expenditures

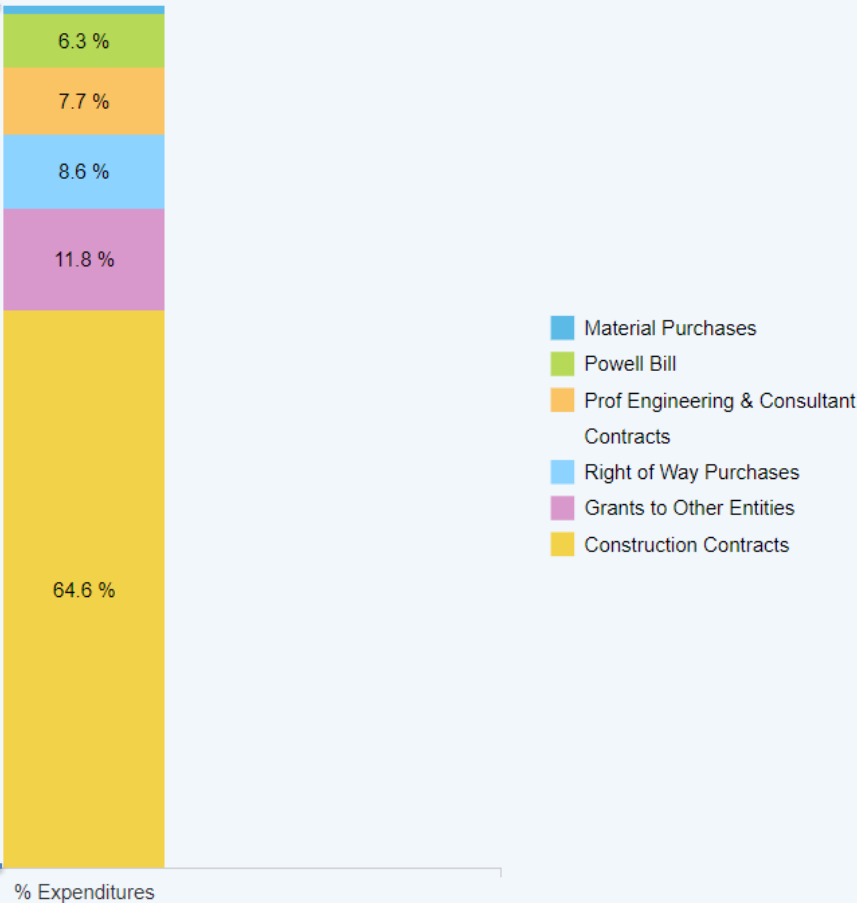
SFY2021 as of January 31, 2021

NCDOT Expenditures (\$M)

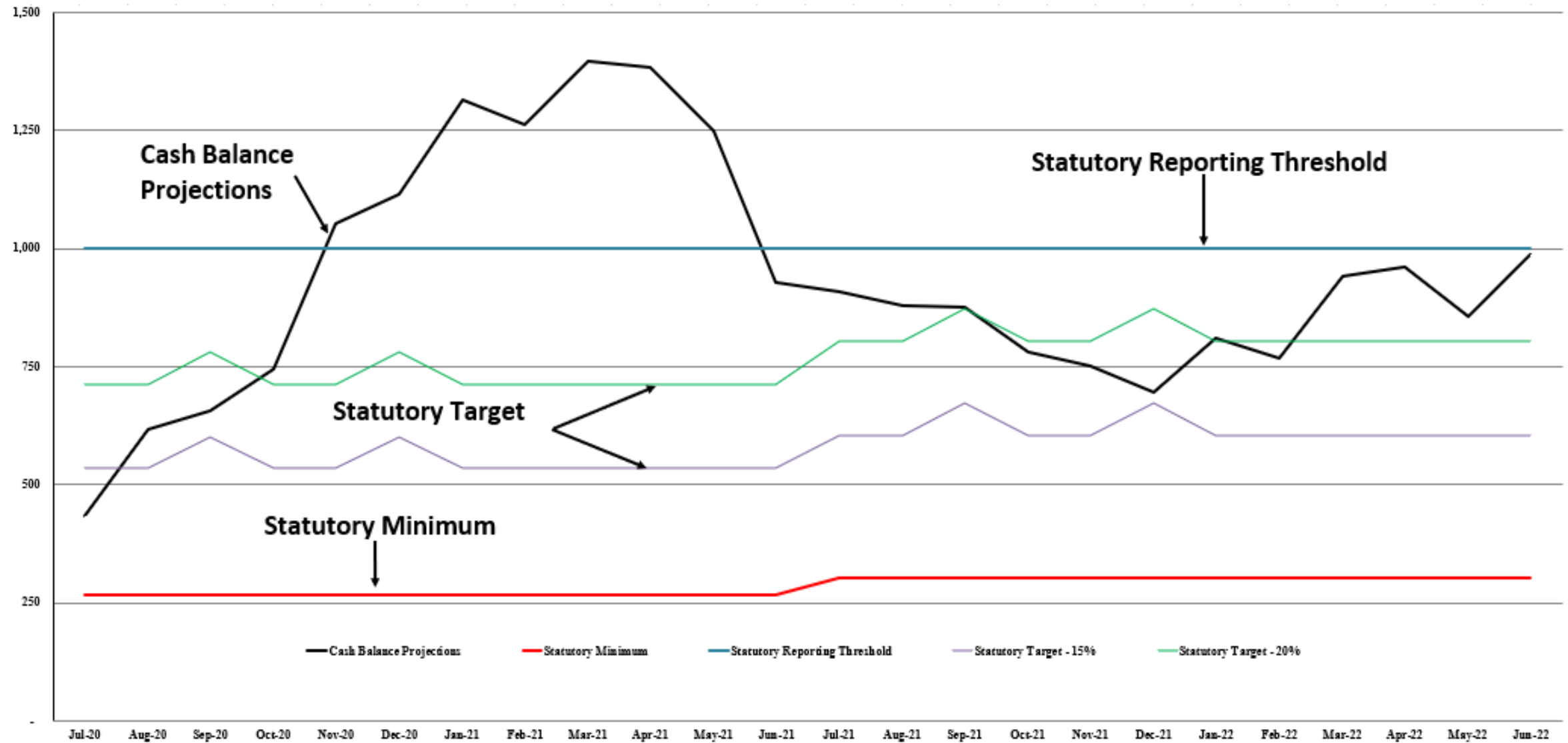
- External Payments
- DOT Labor
- Vendor Payments
- Transfers to Other Agencies
- Miscellaneous Service Contracts
- Debt Service
- Equipment Purchases
- Not Assigned G/L Account (s)



NCDOT External Payments (%)



24 Month Forecast



Certified Budget vs HB77 - Highway Fund Appropriations
2020-21

									APPROVED 12/2			
	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	Credit Balance Legislation	FY20 Overdrafts Funded By FY21 Dollars	State Carry Forward	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	Total Spent to Date	Difference \$	Difference %
									<i>*Includes Federal \$</i>			
DOT-General Administration	\$ 101,188,568			-	-	-	\$ 81,160,239		\$ 81,160,239	\$ 53,354,455	\$ (27,805,784)	-34%
Highway Division Administration	31,063,109			-	-	-	32,198,043		32,198,043	17,137,746	(15,060,297)	-47%
Total Admin	132,251,677	-	-	-	-	-	113,358,282	\$ -	\$ 113,358,282	\$ 70,492,201	\$ (42,866,081)	-38%
Construction Program												
State Secondary System	3,500,000		(3,551,188)	41,347	60,887,669	-	10,000,000		10,000,000	1,057,350	(8,942,650)	-89%
Spot Safety Improvements	12,100,000		-	684,489	32,831,835	-	30,000,000		30,000,000	2,902,694	(27,097,306)	-90%
Contingency Funds	12,000,000		(206,042)	1,993,993	40,834,385	-	30,000,000		30,000,000	1,539,986	(28,460,014)	-95%
Mobility Modernization	1,500,000		(805,685)	3,250,315	79,508,201	-	30,000,000		30,000,000	8,807,325	(21,192,675)	-71%
Total Construction Program	\$ 29,100,000		(4,562,915)	5,970,144	214,062,090	-	\$ 100,000,000		\$ 100,000,000	\$ 14,307,355	\$ (85,692,645)	-86%
Maintenance Program												
General Maintenance Reserve	518,162,344	43,731,212	(159,520)	92,864,148	57,863,938	-	535,000,000		535,000,000	241,121,530	(293,878,470)	-55%
Contract Resurfacing	558,674,899	(15,082,953)	(8,323,495)	51,200,639	264,861,435	-	475,000,000		475,000,000	158,627,496	(316,372,504)	-67%
Bridge Program	273,967,830	(8,152,492)	(50,771,568)	45,196,031	321,145,602	-	225,000,000		225,000,000	61,710,668	(163,289,332)	-73%
Bridge Preservation	69,899,551	(2,454,342)	(7,425,284)	39,979,697	26,489,476	-	60,000,000		60,000,000	28,588,588	(31,411,412)	-52%
Roadside Environmental	101,328,653	(3,020,761)	(5,921,160)	15,157,847	19,496,408	-	90,000,000		90,000,000	46,158,781	(43,841,219)	-49%
Pavement Preservation	85,358,348	(2,915,193)	(8,804,236)	10,645,386	80,811,830	-	75,000,000		75,000,000	28,666,452	(46,333,548)	-62%
Total Maintenance Program	\$ 1,607,391,625	\$ 12,105,471	(81,405,263)	255,043,747	770,668,688	-	\$ 1,460,000,000		\$ 1,460,000,000	\$ 564,873,516	\$ (895,126,484)	-61%
Ferry Operations	50,779,786	(1,367,724)		8,160,815	9,489,427	175,244	65,234,691		65,234,691	26,294,924	(38,939,767)	-60%
State Aid to Municipalities	137,079,699	(4,397,199)		-	461,641	-	132,682,500		132,682,500	132,618,463	(64,037)	0%
State Aid to Railroads	36,088,487	(1,190,144)	(269,822)	13,264	78,606,425	6,709,526	74,991,625	35,562,263	110,553,888	21,101,535	(89,452,353)	-81%
Integrated Mobility Division	18,012,655	(2,558,917)	(410,432)	2,816	74,661,763	80,634,929	55,940,177	166,347,641	222,287,818	37,432,026	(184,855,792)	-83%
Airports	132,164,576	(2,591,487)	(16,068,155)	6,076	155,566,183	33,413,351	199,084,810	45,000,000	244,084,810	121,936,113	(122,148,697)	-50%
Bike/Ped	761,549			5,824	1,079,342	7,975,429	761,549		761,549	289,334	(472,215)	-62%
OSHA Program	358,030			1,596	432,225	-	358,030		358,030	65,200	(292,830)	-82%
Governor's Highway Safety Program	267,914			-	399,293	35,489,001	267,914	13,532,086	13,800,000	8,095,528	(5,704,472)	-41%
Division of Motor Vehicles	142,738,242			-	-	-	135,000,000		135,000,000	66,827,340	(68,172,660)	-50%
Capital Improvements				2,350,945	36,126,405	-				3,195,640	3,195,640	
Performance Energy Debt				-	-	-				144,916	144,916	
Non-System Streets				-	-	-				1,209,990	1,209,990	
MCSAP/DMV Grants	2,161,172			-	2,463,601	18,746,340	2,161,172		2,161,172	(4,429,469)	(6,590,641)	-305%
Total Misc	520,412,110	(12,105,471)	(16,748,409)	10,541,336	359,286,306	183,143,820	666,482,468	260,441,990	926,924,458	414,781,539	(512,142,918)	-55%

Certified Budget vs HB77 - Highway Fund Appropriations

2020-21

									APPROVED 12/2			
	Certified 2021 Budget	SL 2019-251 Section 1.3 (e)	Credit Balance Legislation	FY20 Overdrafts Funded By FY21 Dollars	State Carry Forward	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	Total Spent to Date	Difference \$	Difference %
Transfers to Other State Agencies												
Agriculture	5,539,856			-	-	-	5,539,856		5,539,856	4,271,625	(1,268,231)	-23%
Revenue	5,415,158			-	-	-	5,415,158		5,415,158	2,199,963	(3,215,195)	-59%
OSC-BEST	525,408			-	-	-	525,408		525,408	418,071	(107,337)	-20%
State Ports Authority	5,500,000			-	-	-	5,500,000		5,500,000	5,500,000	-	0%
State Ethics Commission	56,816			-	-	-	56,816		56,816	30,624	(26,192)	-46%
DHHS - Chemical Test	581,675			-	-	-	581,675		581,675	436,257	(145,418)	-25%
Total Transfers to Other State Agencies	\$ 17,618,913			-	-	-	\$ 17,618,913	\$ -	\$ 17,618,913	\$ 12,856,540	\$ (4,762,373)	-27%
Reserves												
Minority Contractor Development	150,000			-	150,000	-	150,000		150,000		(150,000)	
State Fire Protection Grant	158,000			-	-	-	158,000		158,000		(158,000)	
Stormwater Discharge Permit	500,000			-	2,334,427	-	500,000		500,000		(500,000)	
Global Transpark	750,000			-	-	-	750,000		750,000	647,125	(102,875)	
Admin Reduction	(581,441)			-	-	-	(581,441)		(581,441)		581,441	
Salary Adjustment Fund	832,422			-	-	-	832,422		832,422		(832,422)	
Reserve for Call Center Consolidations	556,074			-	-	-	556,074		556,074		(556,074)	
Reserve for Legislative Increase	11,034,210			-	-	-	11,034,210		11,034,210		(11,034,210)	
Reserve for State Health Plan	1,552,177			-	-	-	3,411,891		3,411,891		(3,411,891)	
Short Term Disability	171,184			-	-	-	171,184		171,184		(171,184)	
Employer's Contribution to Retirement	11,503,049			-	-	-	10,884,765		10,884,765		(10,884,765)	
Total Reserves	\$ 26,625,675			-	2,484,427	-	\$ 27,867,105	\$ -	\$ 27,867,105	\$ 34,998,075	\$ 7,130,970	26%
Total Current Operations	2,333,400,000			271,555,228	1,346,501,510	183,143,820	2,385,326,768	260,441,990	2,645,768,758	1,112,309,226	(1,533,459,532)	
Total Highway Fund Appropriation	\$ 2,333,400,000		\$ (102,716,587)	\$ 271,555,228	\$ 1,346,501,510	\$ 183,143,820	\$ 2,385,326,768	\$ 260,441,990	\$ 2,645,768,758	\$ 1,112,309,226	\$ (1,533,459,532)	

Certified Budget vs HB77 -Highway Trust Fund Appropriation
2020-21

			Credit									
	Certified 2021	SL 2019-251	Balance	FY20 Overdrafts	State	Federal	State	Federal	Total		Difference	Difference
	Budget	Section 1.3 (e)	Legislation	Funded By FY21 Dollars	Carry Forward	Carry Forward	Spend Plan	Spend Plan	Spend Plan		\$	%
Program Administration	\$ 35,626,560			-	-	-	\$ 35,626,560		\$ 35,626,560	\$ 19,391,812	\$ (16,234,748)	-46%
Bond Redemption	27,690,000			-	-	-	27,690,000		27,690,000	-	(27,690,000)	-100%
Bond Interest	29,134,500			-	-	-	29,134,500		29,134,500	6,835,275	(22,299,225)	-77%
Turnpike Authority	49,000,000			-	15,000,000	-	49,000,000		49,000,000	24,500,000	(24,500,000)	-50%
State Ports Authority	45,000,000			-	-	-	45,000,000		45,000,000	22,500,000	(22,500,000)	-50%
FHWA State Match	4,640,000			-	-	-	4,640,000		4,640,000	31,885,063	27,245,063	587%
Transfer to Visitor Center	400,000			-	-	-	400,000		400,000		(400,000)	-100%
Strategic Prioritization & Other Capital Programs	1,039,408,940		(51,260,348)	327,240,973	3,915,591,626	-	1,039,408,940	2,022,331,242	3,061,740,182	1,595,030,942	**** (1,466,709,240)	-48%
Total Trust Fund Appropriation	\$ 1,230,900,000		\$ (51,260,348)	\$ 327,240,973	\$ 3,930,591,626	\$ -	\$ 1,230,900,000	\$ 2,022,331,242	\$ 3,253,231,242	\$ 1,700,143,092	\$ (1,553,088,150)	
	\$ 3,564,300,000		\$ (153,976,935)	\$ 598,796,201	\$ 5,277,093,137	\$ 183,143,820	\$ 3,616,226,768	\$ 2,282,773,232	\$ 5,899,000,000	\$ 2,812,452,318	\$ (3,086,547,682)	

** Actuals for Secondary Construction from the Trust Fund are included*
*** Actuals for Railroad Program from the Highway Trust Fund are included*
*** Actuals for Capital Improvement from the Highway Trust Fund are included*
***** Capital Program includes both the Highway Trust Fund and FHWA Funds in the Highway Fund*

Approved Spend Plan Versus Adjusted Spend Plan

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	SFY 2021	Approved 12/2/20	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2021 Work Plan	Delta
OPENING CASH BALANCE	\$ 266	\$ 434	\$ 617	\$ 656	\$ 743	\$ 1,053	\$ 1,114	\$ 1,316	\$ 1,262	\$ 1,396	\$ 1,383	\$ 1,251			
REVENUES															
State revenues	\$ 409	\$ 329	\$ 349	\$ 324	\$ 305	\$ 335	\$ 321	\$ 332	\$ 326	\$ 341	\$ 334	\$ 324	\$ 4,029	\$ 3,947	82
Federal aid	68	131	116	81	90	100	48	134	204	88	84	58	1,201	1,201	0
Federal aid - InfraGrant	0	5	9	5	0	23	4	-	23	5	3	3	82	76	6
Turnpike Federal Aid	1	0	0	0	0	3	20	-	-	-	-	-	24	2	22
Other	11	15	29	16	12	24	8	41	17	19	17	17	226	274	(48)
	489	481	503	426	408	484	401	507	570	452	438	403	5,562	5,500	62
BOND PROCEEDS/GARVEE	3	40	26	23	55	29	8	16	16	20	22	29	288	\$ 295	(7)
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	-	-	-	200	43	40	36	30	33	38	35	599	574	25
TOTAL REVENUES & OTHER RECEIPTS	\$ 636	\$ 521	\$ 529	\$ 448	\$ 663	\$ 556	\$ 450	\$ 559	\$ 616	\$ 506	\$ 498	\$ 467	\$ 6,449	\$ 6,368	81
CONSTRUCTION EXPENDITURES															
Garvee Expenditures	(32)	(35)	(31)	(31)	(77)	(41)	(16)	(28)	(37)	(50)	(60)	(55)	(494)	\$ (476)	(18)
Garvee Debt Service	-	(24)	-	-	0	-	(0)	(128)	-	-	-	-	(152)	(152)	0
Division of Mitigation Services (Formerly EEP)	(0)	(5)	(0)	(0)	(2)	(0)	(2)	-	-	(4)	-	-	(14)	(36)	22
BUILDNC Expenditures	(19)	(21)	(25)	(27)	(52)	(47)	(38)	(30)	(34)	(39)	(38)	(42)	(414)	(401)	(12)
BUILDNC Debt Service	-	-	-	-	(7)	-	-	-	-	-	(48)	-	(54)	(48)	(7)
Statewide Transportation Initiative	(126)	(76)	(85)	(117)	(64)	(85)	(57)	(49)	(50)	(54)	(56)	(63)	(883)	(943)	60
NC Mobility Fund	0	(0)	(0)	(0)	(0)	(0)	(0)	-	-	-	-	-	0	0	(0)
TIP	(76)	(95)	(78)	(54)	(6)	(59)	(64)	(108)	(86)	(87)	(94)	(102)	(908)	(929)	21
TIP - Infragant	(0)	(12)	(7)	(5)	(12)	(18)	(5)	(6)	(8)	(7)	(9)	(10)	(99)	(86)	(13)
Turnpike Authority	(1)	(1)	(0)	(1)	(1)	(1)	(1)	(0)	(0)	(0)	(0)	(0)	(7)	(4)	(2)
Internal Orders	3	(1)	3	(5)	(6)	1	1	(1)	(1)	(1)	(1)	(1)	(9)	(8)	(1)
Congestion Mitigation & Air Quality (CMAQ)	(3)	(3)	(3)	(5)	(2)	(2)	(2)	(3)	(3)	(3)	(3)	(3)	(33)	(34)	2
Total Construction	\$ (254)	\$ (274)	\$ (226)	\$ (247)	\$ (229)	\$ (253)	\$ (183)	\$ (353)	\$ (219)	\$ (244)	\$ (308)	\$ (276)	\$ (3,065)	(3,117)	52

Approved Spend Plan Versus Adjusted Spend Plan

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	SFY 2021	Approved 12/2/20	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2021 Work Plan	Delta
MAINTENANCE EXPENDITURES															
Other Construction - Secondary Roads	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	(2)	(2)	(2)	(10)	(10)	0
Other Construction - Spot Safety Improvements	(1)	(0)	(1)	(0)	(0)	(0)	(0)	(6)	(5)	(5)	(5)	(6)	(30)	(30)	0
Other Construction - Contingency	(0)	0	(1)	(0)	(0)	(0)	(0)	(6)	(5)	(5)	(6)	(6)	(30)	(30)	0
Other Construction - Mobility/Modernization	(1)	(1)	(3)	(1)	(1)	(2)	(1)	(5)	(4)	(4)	(4)	(5)	(30)	(30)	0
General Maintenance Reserve	(30)	(27)	(30)	(31)	(17)	(23)	(37)	(34)	(38)	(35)	(40)	(49)	(391)	(391)	0
Contract Resurfacing	(35)	(29)	(23)	(21)	(21)	(20)	(9)	(20)	(30)	(71)	(99)	(97)	(475)	(475)	0
Roadside Environmental	(7)	(7)	(7)	(7)	(7)	(7)	(5)	(8)	(9)	(8)	(9)	(11)	(90)	(90)	0
Pavement Preservation	(8)	(4)	(6)	(4)	(4)	(2)	(1)	(8)	(9)	(8)	(9)	(12)	(75)	(75)	0
Bridge Program	(12)	(10)	(9)	(7)	(8)	(11)	(5)	(29)	(32)	(29)	(33)	(41)	(225)	(225)	0
Bridge Preservation	(6)	(4)	(5)	(6)	(3)	(2)	(2)	(5)	(6)	(6)	(6)	(8)	(60)	(60)	0
Undeclared Disasters including Snow & Ice	-	-	-	(1)	(5)	(8)	(4)	(13)	(15)	(14)	(16)	(19)	(94)	(94)	0
Disaster Funding - FEMA	(2)	(5)	(3)	(5)	(6)	(5)	(4)	(4)	(4)	(4)	(4)	(5)	(50)	(50)	0
Total Maintenance	\$ (103)	\$ (86)	\$ (88)	\$ (83)	\$ (73)	\$ (79)	\$ (68)	\$ (140)	\$ (157)	\$ (189)	\$ (233)	\$ (261)	\$ (1,560)	(1,560)	0
OTHER MODES															
Public Transportation	\$ (9)	\$ (5)	\$ (4)	\$ (4)	\$ (6)	\$ (4)	\$ (5)	\$ (16)	\$ (20)	\$ (24)	\$ (20)	\$ (68)	\$ (186)	\$ (186)	(0)
Public Transportation-New Starts	-	-	-	-	-	-	-	(37)	-	-	-	-	(37)	(37)	0
Ferry Operations	(3)	(5)	(3)	(5)	(3)	(3)	(3)	(5)	(5)	(5)	(5)	(19)	(65)	(65)	0
Railroad program	(5)	(3)	(2)	(2)	(2)	(4)	(3)	(9)	(9)	(9)	(8)	(55)	(111)	(111)	0
Airports	(17)	(19)	(33)	(22)	(6)	(20)	(4)	(6)	(27)	(14)	(15)	(60)	(244)	(244)	0
Total Other Modes	\$ (34)	\$ (32)	\$ (42)	\$ (34)	\$ (17)	\$ (32)	\$ (14)	\$ (74)	\$ (62)	\$ (51)	\$ (49)	\$ (203)	\$ (643)	(643)	1
OTHER EXPENDITURES															
Administration	\$ (18)	\$ (23)	\$ (22)	\$ (26)	\$ (24)	\$ (22)	\$ (21)	\$ (33)	\$ (27)	\$ (33)	\$ (27)	\$ (32)	\$ (309)	\$ (310)	1
Transfers to Other State Agencies	(2)	(0)	(17)	(2)	(0)	(12)	(2)	-	(16)	-	-	(16)	(67)	(69)	1
Transfers to General Fund/NCTA/ER Fund	-	(12)	-	-	(12)	-	-	(12)	-	-	(12)	-	(49)	(49)	0
State aid to municipalities	-	-	(66)	-	(1)	(66)	-	-	-	-	-	-	(133)	(132)	(1)
Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Other Programs	(1)	(3)	(2)	(2)	(3)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(20)	(19)	(1)
Total Other Expenditures	\$ (21)	\$ (38)	\$ (107)	\$ (30)	\$ (40)	\$ (102)	\$ (25)	\$ (47)	\$ (44)	\$ (34)	\$ (41)	\$ (50)	\$ (578)	(579)	1
TOTAL EXPENDITURES	\$ (412)	\$ (430)	\$ (462)	\$ (394)	\$ (359)	\$ (465)	\$ (290)	\$ (613)	\$ (482)	\$ (519)	\$ (630)	\$ (789)	\$ (5,846)	\$ (5,899)	53
OTHER CHANGES IN CASH															
Working capital changes	\$ (55)	\$ 92	\$ (28)	\$ 32	\$ 6	\$ (29)	\$ 42	\$ -	\$ -	\$ -	\$ -	\$ -			
	\$ (55)	\$ 92	\$ (28)	\$ 32	\$ 6	\$ (29)	\$ 42	\$ -	\$ -	\$ -	\$ -	\$ -			
NET CHANGE IN CASH	\$ 168	\$ 183	\$ 39	\$ 87	\$ 310	\$ 61	\$ 201	\$ (54)	\$ 134	\$ (13)	\$ (132)	\$ (322)			
CLOSING CASH BALANCE	\$ 434	\$ 617	\$ 656	\$ 743	\$ 1,053	\$ 1,114	\$ 1,316	\$ 1,262	\$ 1,396	\$ 1,383	\$ 1,251	\$ 929			

Approved Spend Plan Versus Actuals July 2020 – January 2021

Source: FPG/Baseline Forecast/Cash Model SFY2021_Spend Plan Amendment

	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	2nd Qtr	Jan-21	YTD	1st Qtr	2nd Qtr	Jan-21	YTD	YTD	YTD
	SFY2021	SFY2021	7	SFY2021	SFY2021	SFY2021	7	SFY2021	SFY2021	SFY2021
OPENING CASH BALANCE	\$ 266	\$ 656	\$ 791		\$ 266	\$ 656	\$1,114			
REVENUES										
State revenues	\$ 1,087	\$ 944	\$ 336	2,367	\$ 1,087	\$ 965	\$ 321	\$ 2,372	0%	\$ 5
Federal aid	315	216	69	600	315	270	48	633	6%	34
Federal aid - InfraGrant	15	24	3	42	15	28	4	48	14%	6
Turnpike Federal Aid	2	0	-	2	2	3	20	24	1323%	22
Other	55	49	58	162	55	52	8	114	-29%	(48)
	1,473	1,233	466	3,172	1,473	1,317	401	3,192	1%	20
GARVEE REIMBURSEMENT FROM TRUSTEE	69	104	17	190	69	107	8	183	-3%	(7)
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	218	36	399	144	243	40	427	7%	28
TOTAL REVENUES & OTHER RECEIPTS	\$ 1,686	\$ 1,555	\$ 520	\$ 3,761	\$ 1,686	\$ 1,667	\$ 450	\$ 3,802	1%	\$ 42
CONSTRUCTION EXPENDITURES										
Garvee Expenditures	(99)	(116)	(30)	(245)	(99)	(149)	(16)	(264)	8%	(19)
Garvee Debt Service	(24)	-	-	(24)	(24)	0	(0)	(24)	0%	-
Division of Mitigation Services (Formerly EEP)	(6)	(6)	-	(12)	(6)	(2)	(2)	(10)	-16%	2
BUILDNC Expenditures	(65)	(112)	(36)	(212)	(64)	(127)	(38)	(229)	8%	(17)
BUILDNC Debt Service	-	-	-	-	-	(7)	-	(7)		(7)
Strategic Transportation Initiative	(352)	(280)	(55)	(687)	(288)	(266)	(57)	(611)	-11%	76
NC Mobility Fund	0	(0)	-	0	0	(0)	(0)	0	0%	(0)
TIP	(184)	(212)	(59)	(455)	(249)	(119)	(64)	(432)	-5%	23
TIP - Infragrant	(19)	(17)	(9)	(45)	(19)	(36)	(5)	(60)	34%	(15)
Turnpike Authority	(2)	(1)	(0)	(4)	(2)	(3)	(1)	(6)	65%	(2)
Internal Orders	5	(7)	(1)	(3)	5	(11)	1	(4)	21%	(1)
CMAQ	(9)	(10)	(3)	(22)	(9)	(10)	(2)	(20)	-8%	2
Total Construction	\$ (754)	\$ (761)	\$ (193)	\$ (1,708)	\$ (754)	\$ (729)	\$ (183)	\$ (1,665)	-2%	\$ 43

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Approved Spend Plan Versus Actuals July – December 2020

Source: FPG/Baseline Forecast/Cash Model SFY2021_Spend Plan Amendment	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	2nd Qtr	Jan-21	YTD	1st Qtr	2nd Qtr	Jan-21	YTD	YTD	YTD
	SFY2021	SFY2021	7	SFY2021	SFY2021	SFY2021	7	SFY2021	SFY2021	SFY2021
MAINTENANCE EXPENDITURES										
Other Construction - Secondary Roads	(1)	(3)	(1)	(4)	(1)	(0)	(0)	(1)	-70%	\$ 3
Other Construction - Spot Safety Improvements	(2)	(8)	(2)	(12)	(2)	(1)	(0)	(3)	-75%	\$ 9
Other Construction - Contingency	(1)	(8)	(2)	(11)	(1)	(1)	(0)	(2)	-86%	\$ 9
Other Construction - Mobility/Modernization	(5)	(7)	(2)	(14)	(5)	(3)	(1)	(9)	-37%	\$ 5
General Maintenance Reserve	(87)	(93)	(37)	(216)	(87)	(71)	(37)	(195)	-10%	\$ 21
Contract Resurfacing	(87)	(124)	(23)	(235)	(87)	(62)	(9)	(159)	-32%	\$ 76
Roadside Environmental	(21)	(21)	(8)	(50)	(21)	(21)	(5)	(46)	-7%	\$ 4
Pavement Preservation	(18)	(16)	(7)	(41)	(18)	(10)	(1)	(29)	-30%	\$ 12
Bridge Program	(31)	(49)	(25)	(104)	(31)	(26)	(5)	(62)	-41%	\$ 43
Bridge Preservation	(15)	(14)	(5)	(35)	(15)	(11)	(2)	(29)	-18%	\$ 6
Undeclared Disaster Funding Including Snow and Ice	-	(21)	(13)	(33)	-	(13)	(4)	(17)	-49%	\$ 16
Disaster Funding - FEMA	(10)	(13)	(5)	(27)	(10)	(15)	(4)	(29)	7%	(2)
Total Maintenance	\$ (277)	\$ (374)	\$ (130)	\$ (781)	\$ (277)	\$ (235)	\$ (68)	\$ (579)	-26%	\$ 202
OTHER MODES										
Public Transportation	(18)	(50)	(9)	(76)	(18)	(14)	(5)	(37)	-51%	\$ 39
Public Transportation - New Starts	-	(1)	(15)	(16)	-	0	0	0	-100%	\$ 16
Ferry Operations	(11)	(19)	(6)	(36)	(11)	(12)	(3)	(26)	-28%	10
Railroad program	(10)	(19)	(9)	(38)	(10)	(8)	(3)	(21)	-45%	17
Airports	(69)	(56)	(14)	(139)	(69)	(48)	(4)	(121)	-13%	18
Total Other Modes	\$ (108)	\$ (145)	\$ (53)	\$ (306)	\$ (108)	\$ (83)	\$ (14)	\$ (205)	-33%	\$ 101
OTHER EXPENDITURES										
Administration	(63)	(71)	(24)	(158)	(63)	(73)	(21)	(157)	-1%	\$ 1
Transfers to Other State Agencies	(19)	(18)	-	(37)	(19)	(14)	(2)	(36)	-3%	1
Transfers to General Fund/NCTA - GAP Funds	(12)	(12)	-	(25)	(12)	(12)	-	(25)	0%	-
State aid to municipalities	(66)	(66)	-	(132)	(66)	(67)	0	(133)	0%	(1)
Debt Service	-	-	-	-	-	-	-	-	-	-
Other Programs	(6)	(5)	(1)	(12)	(6)	(5)	(1)	(13)	9%	(1)
Total Other Expenditures	\$ (166)	\$ (173)	\$ (25)	\$ (363)	\$ (166)	\$ (172)	\$ (25)	\$ (363)	0%	\$ 1
TOTAL EXPENDITURES	\$ (1,305)	\$ (1,453)	\$ (400)	\$ (3,158)	\$ (1,305)	\$ (1,218)	\$ (290)	\$ (2,812)	-11%	\$ 346
OTHER CHANGES IN CASH										
Working capital changes	\$ 9	\$ 32	\$ -	\$ 42	\$ 9	\$ 9	\$ 42	\$ 60	44%	18
	\$ -	\$ -	\$ -	\$ -	\$ 9	\$ 9	\$ 42	\$ 60		
NET CHANGE IN CASH	\$ 390	\$ 135	\$ 120	\$ 644	\$ 390	\$ 458	\$ 201	\$ 1,050	63%	\$ 406
CLOSING CASH BALANCE	656	791	910		656	1,114	1,316			

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Spend Plan Variance

- GARVEE Expenditures, Build NC Expenditures, TIP and STI -4% Variance (-\$64M). Project lettings were delayed during budget restrictions.
- Contract Resurfacing -32% Variance (-\$76M). Have developed aggressive letting schedules for new contracts through fall and spring. Will provide over \$500M in new contractual opportunities and increase monthly expenditures during late SFY 2021 and through SFY 2022. Fall contract lettings will be available March 1, 2021 and spring contract lettings will be available July 1, 2021.
- Bridge Program -41% (-\$43M). As cash has improved have developed aggressive letting schedules for spring and fall 2021. Will provide over \$400M in new contracts and increase monthly expenditures during late SFY 2021 and through SFY 2022.
- Undeclared Disasters -49% (-\$16M). Snow and ice response is the primary driver of expenditures. Ideal scenario would be to experience actuals below established targets for the fiscal year. This would allow a potential redistribution of un-used spending authority for other maintenance needs across the state.

Spend Plan Variance

- Integrated Mobility Division -51% (-\$39M)
 - Due to initial spending restrictions, FY21 FTA Grants that involved state match were delayed. Agreements have now been released and transit agencies are beginning to draw down funds. Many involve bus procurement and/or facility construction and anticipate an additional acceleration of spending through the remainder of the state fiscal year
 - Claims of over \$37M for the CATS Blue Line have been paid in February.
 - Partnering with SAS to develop a cash spend modeling tool which considers the obligation and spending trends of all grantees.
- Ferry Operations -28% (-\$10M)
 - Due to cash spend limitations implemented during 2020 there were extended service reductions, and high-cost maintenance items and vacancy postings were delayed.
 - Requested a reduction in spend plan for SFY 21 that reflects the reduced schedule run during COVID, delays in construction and the related payments, and a deliberative slowing of spending during cash restrictions.

Spend Plan Variance

- Railroad Program -45% Variance (-\$17M)
 - Due to previous spending restrictions, federal project approvals were delayed for first half of SFY 2021 and represent 81% of the variance. Projects are proceeding now based on Federal or local project development timelines. Expect expenditures to increase in third quarter of SFY 2021.
 - Many rail projects, including the Freight Rail and Rail Crossing Safety Improvement (FRRCSI) program, were previously on hold and are now being advanced. A FRRCSI solicitation is now available to railroads for additional projects to support rail freight growth. These are anticipated to be awarded by May.
- Aviation -13% (-\$18M)
 - Due to initial financial constraints, new grants and additional funds for projects were delayed, and construction projects were pushed from Fall 2020 to Spring 2021.
 - Expect expenditures to increase during the construction season and actively working with all vendors to get invoices submitted for timely payment.



NORTH CAROLINA

Department of Transportation



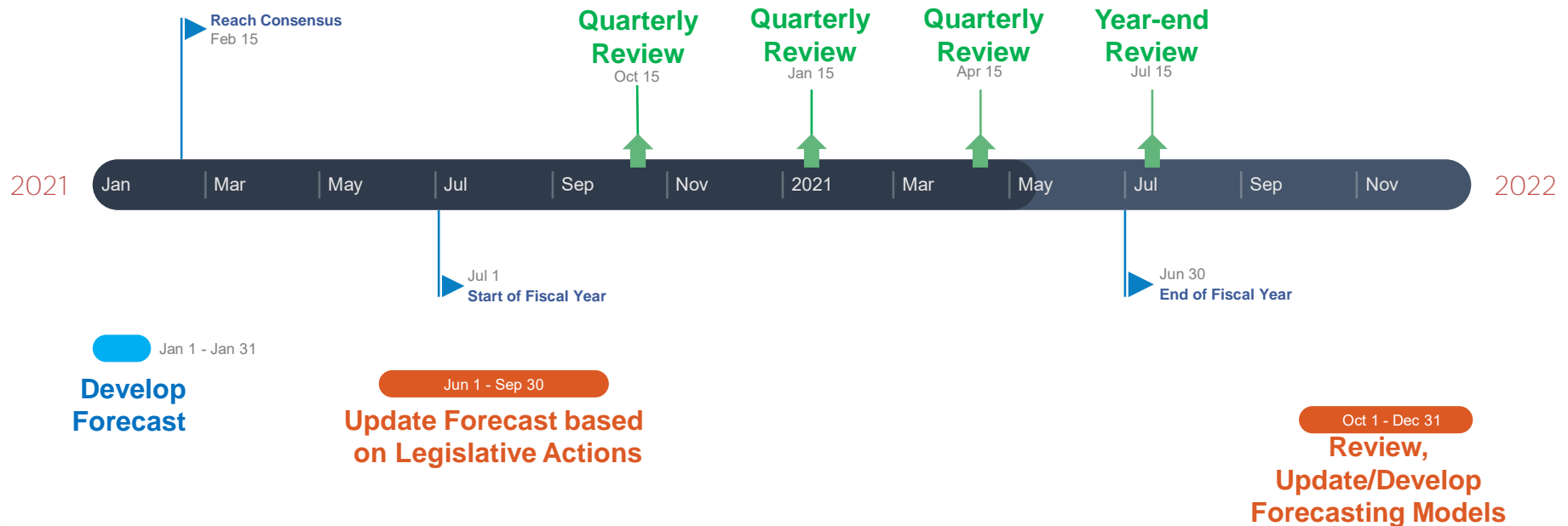
Revenue Update

Finance Committee

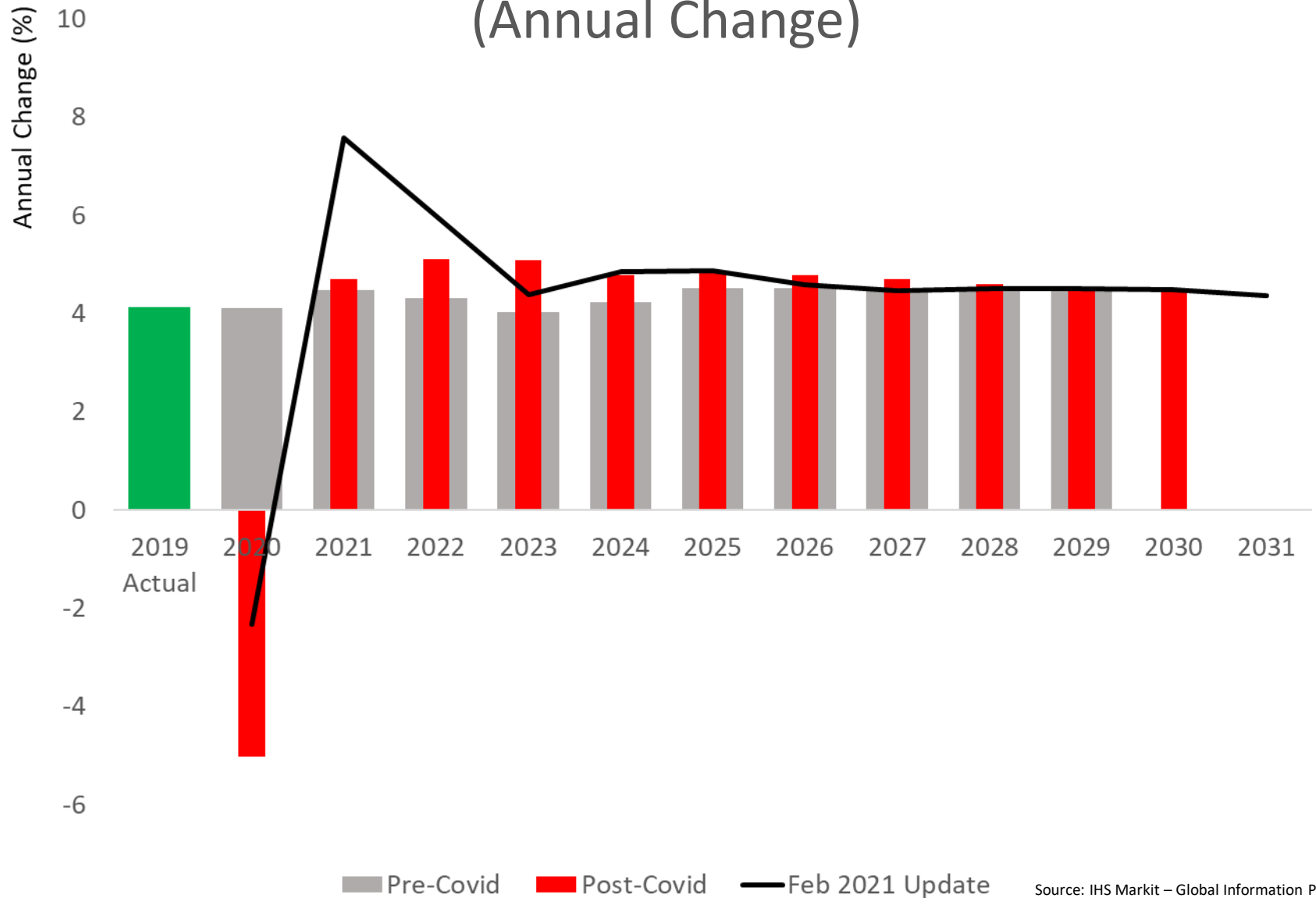
H. Tasaico, PE

March 3, 2021

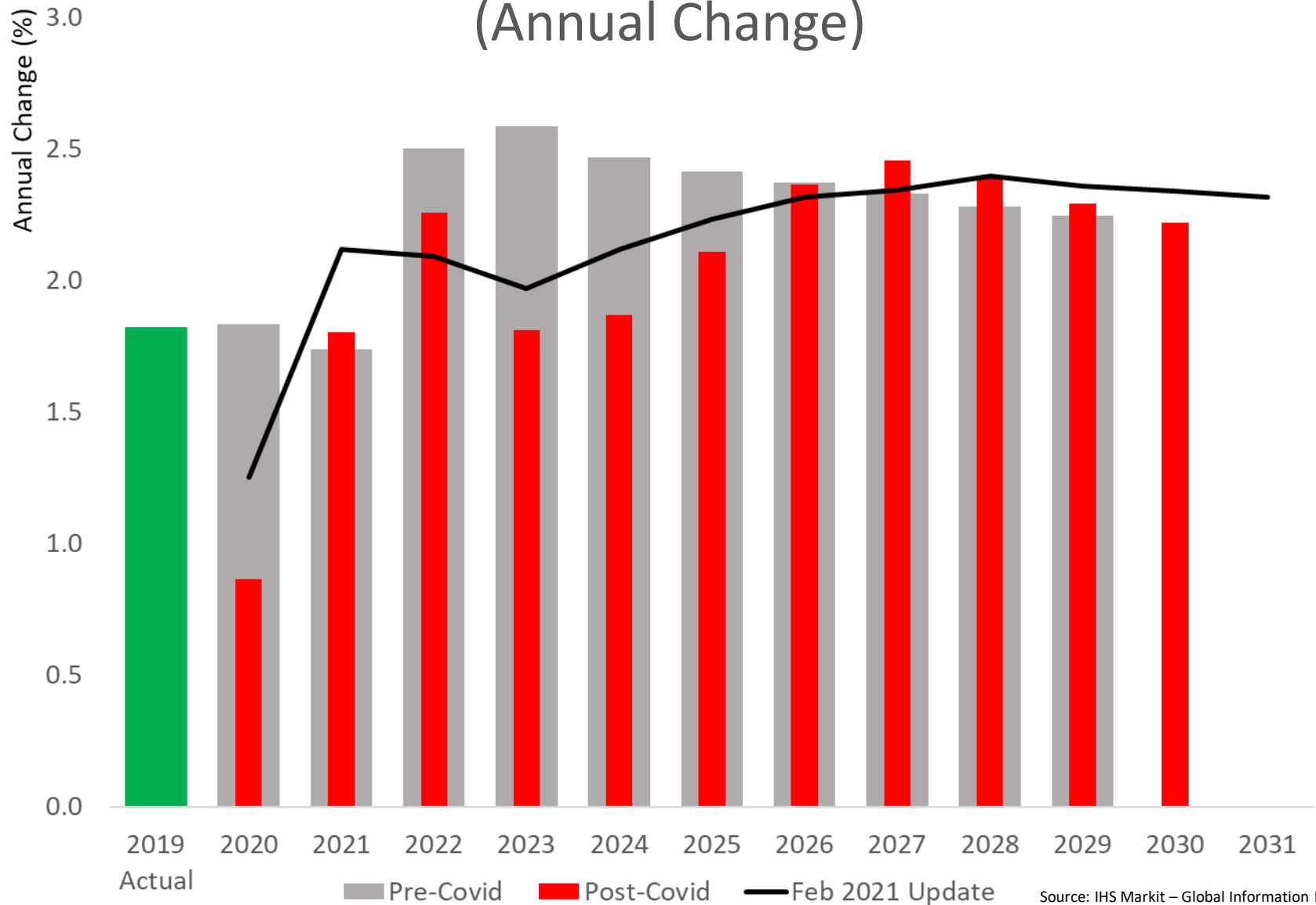
SFY 2022 Forecast Cycle



Macro Variable - Gross Domestic Product (Annual Change)

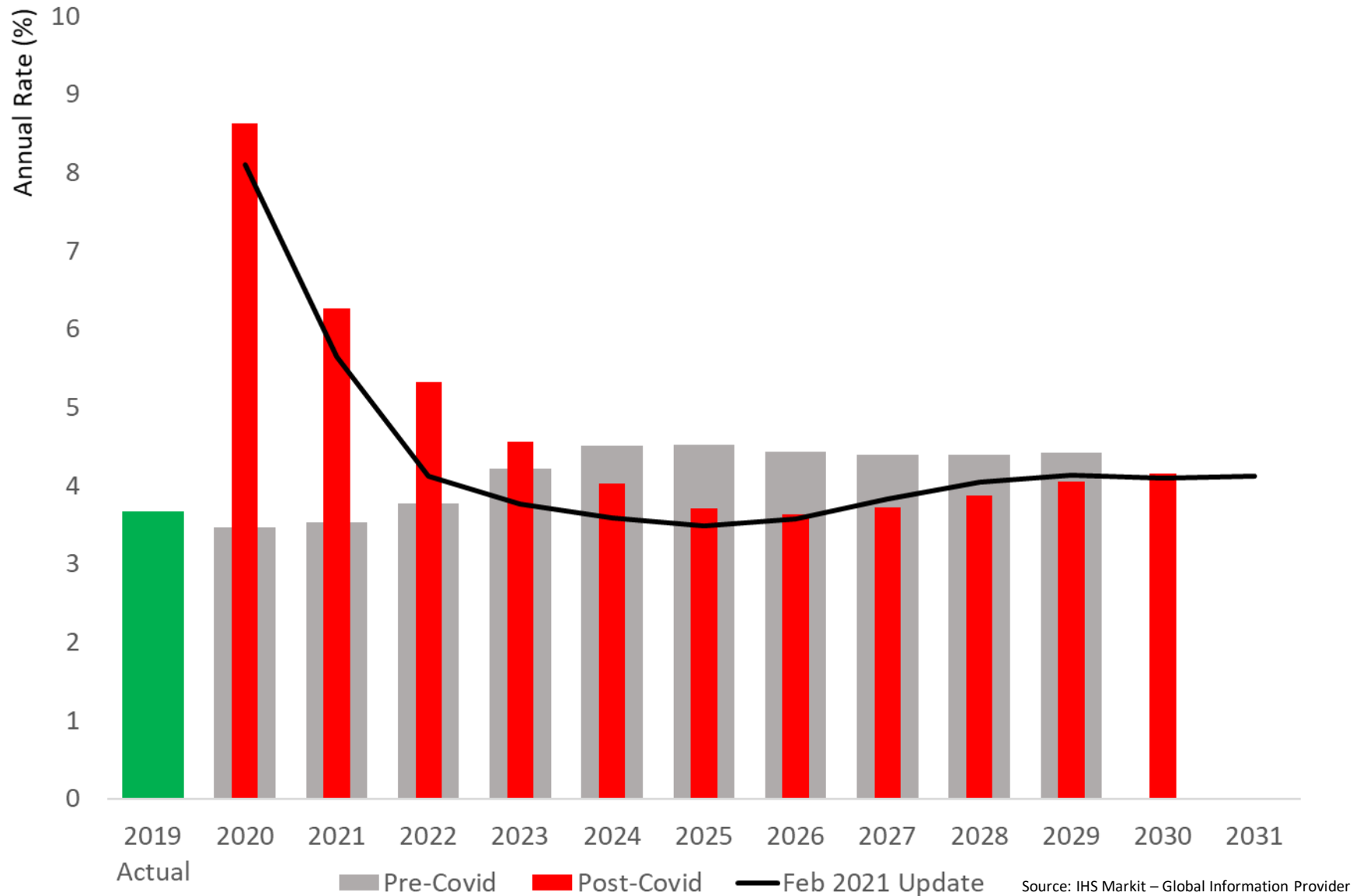


Macro Variable – Consumer Price Index (CPI) (Annual Change)

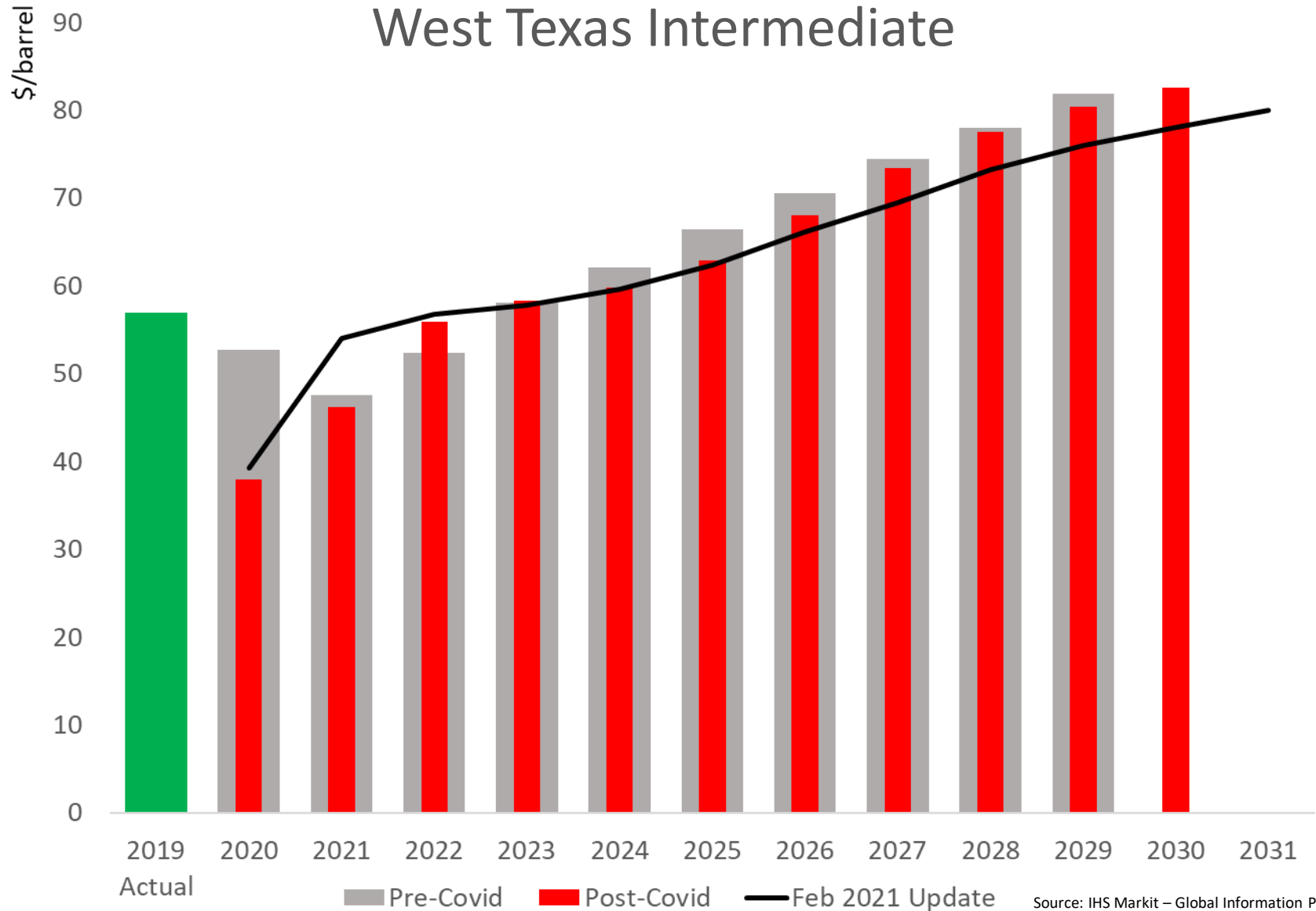


Source: IHS Markit – Global Information Provider

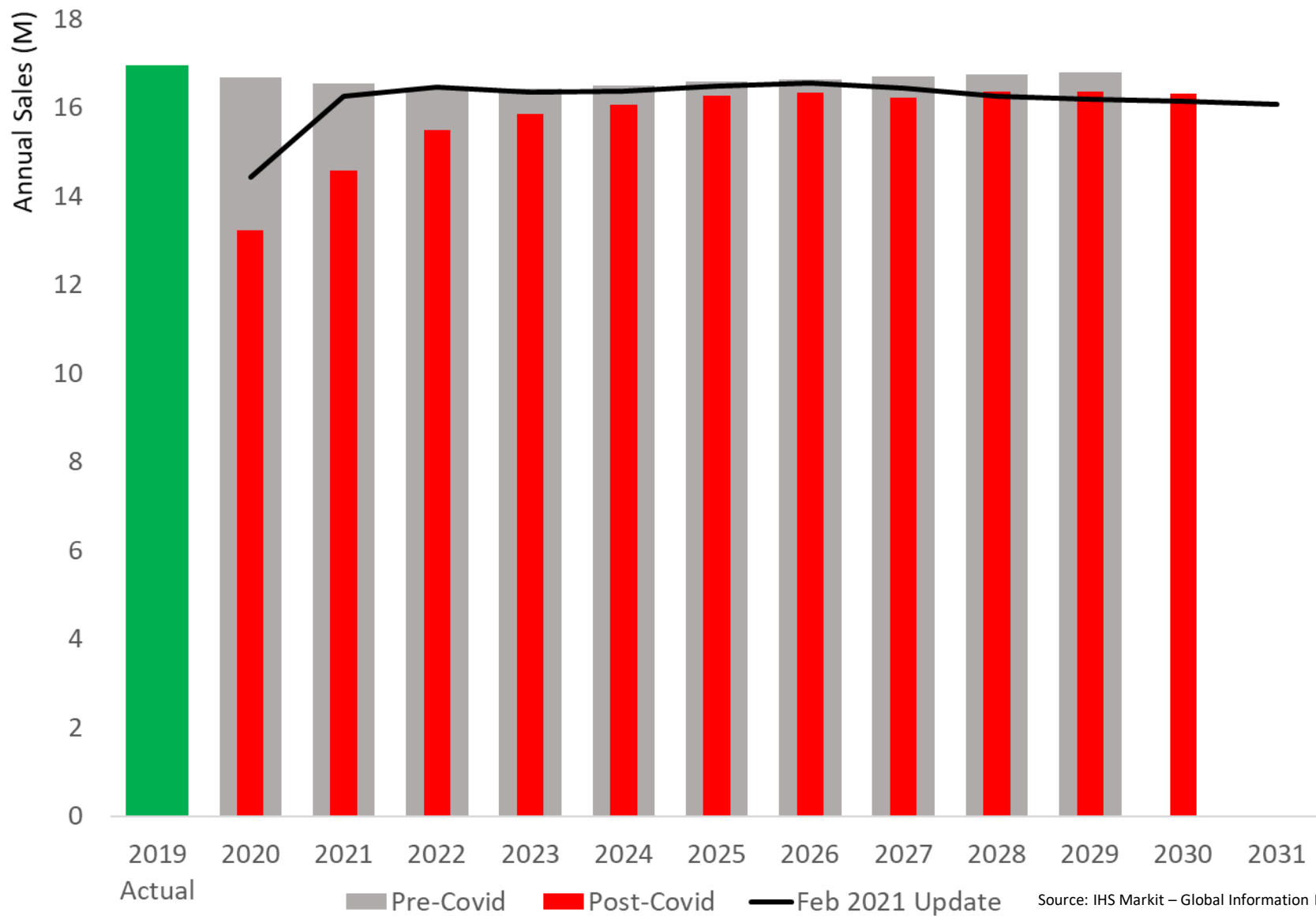
Macro Variable – Annual Unemployment Rate



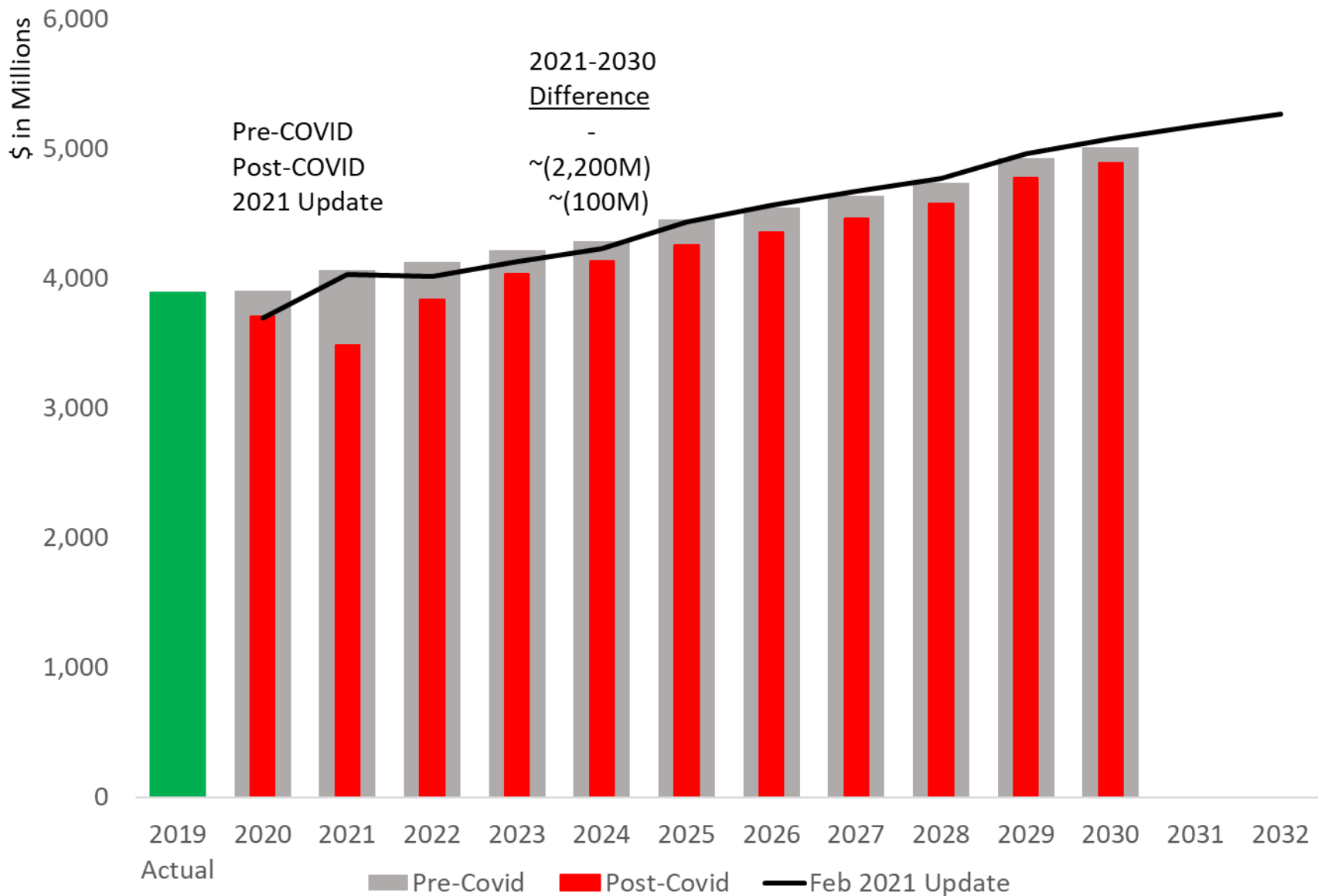
Macro Variable – Crude Oil (WTI) West Texas Intermediate



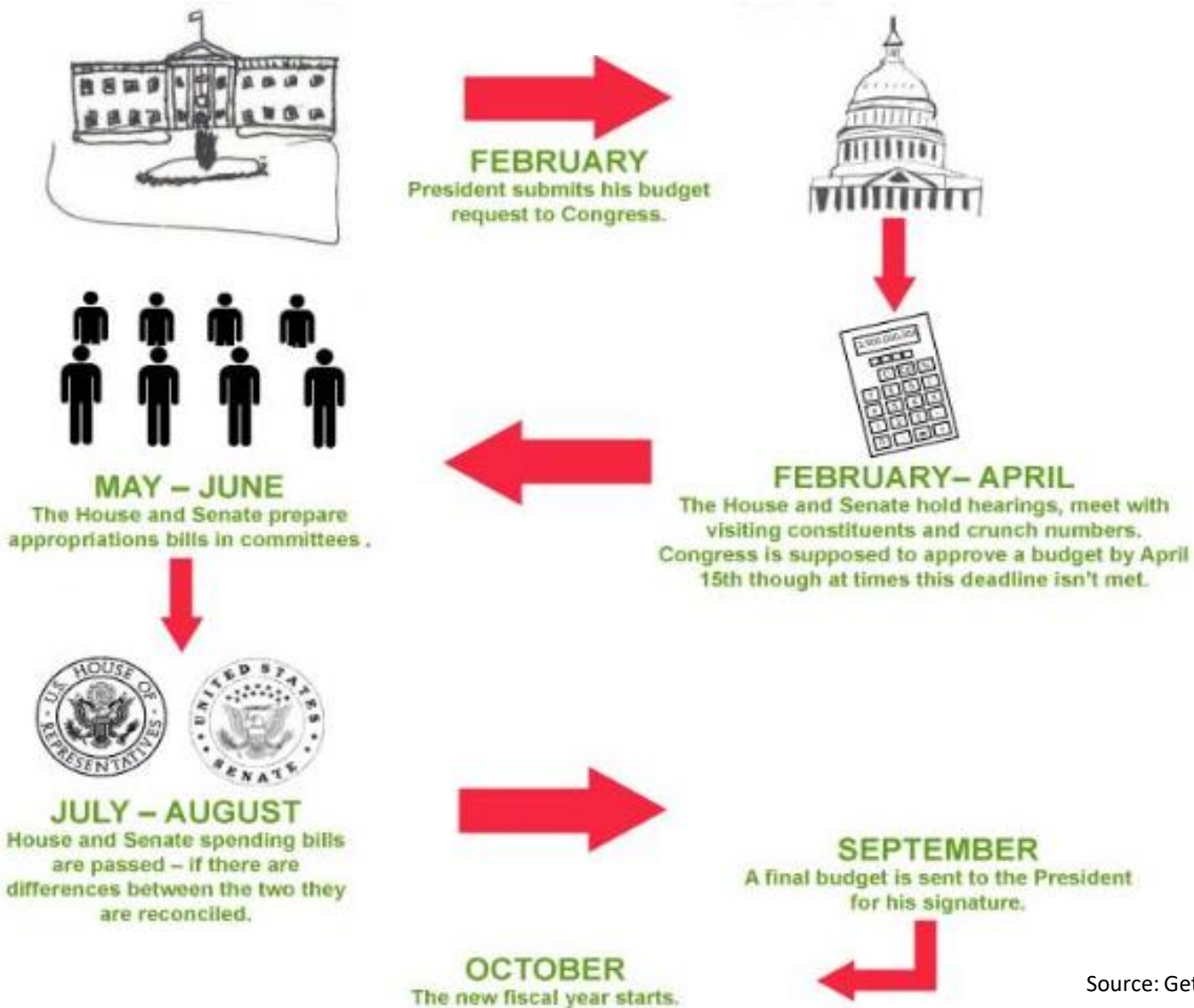
Macro Variable – Light Car Sales



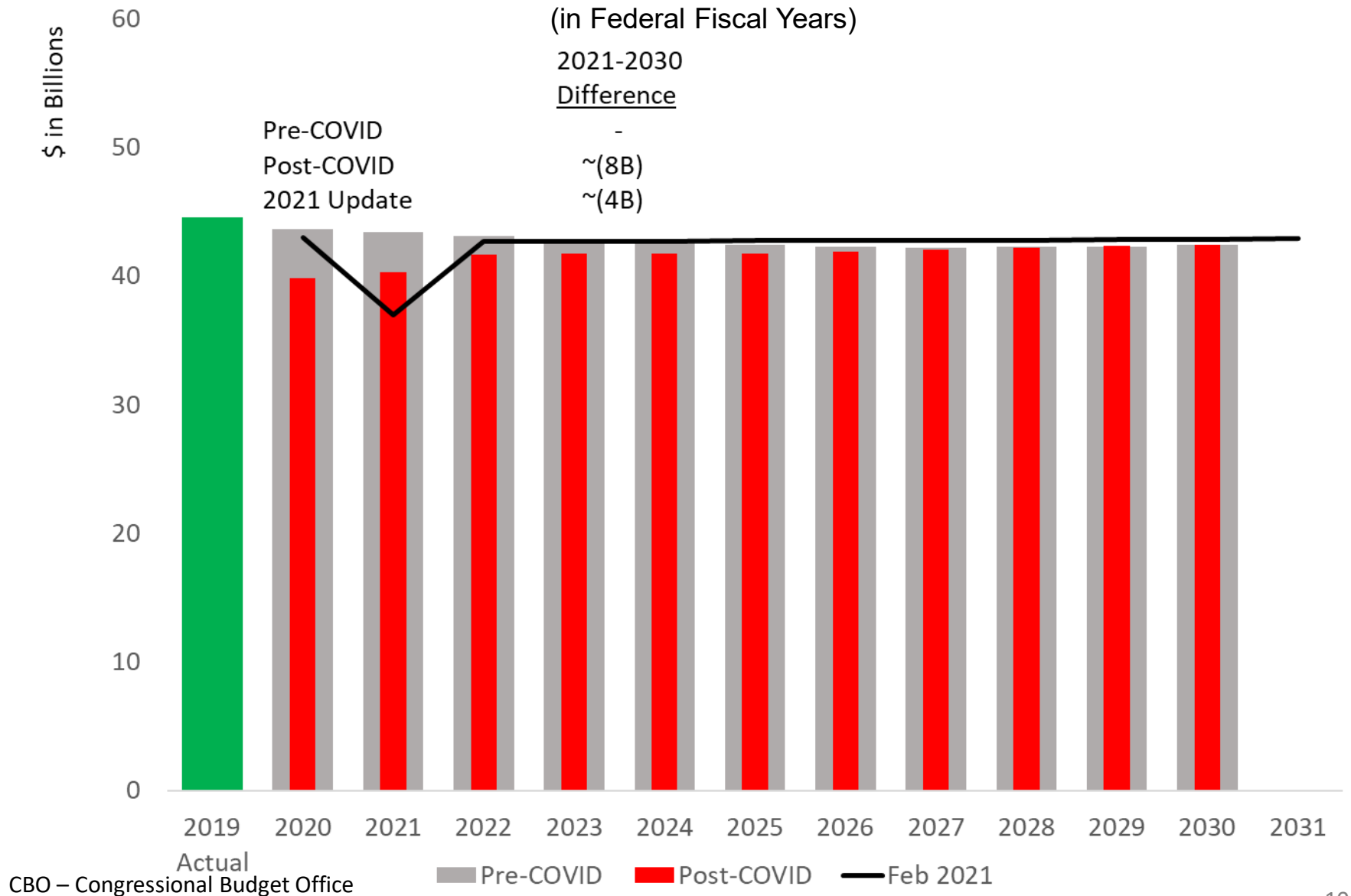
Revenue Comparison - Total State Transportation



Federal Budget Process



CBO Forecast Comparison





HIGHWAYS COMMITTEE MEETING MINUTES

DRAFT

DATE: 1/6/2021 TIME: 10:30 AM LOCATION: Via Microsoft Teams

MEETING CALLED BY	Chair Cullie Tarleton
BOARD ATTENDEES	Vice-Chair Dirk Cody, Members Grady Hunt, Lisa Mathis, Hugh Overholt, Stephen Rosenburgh, Jerry Tillman, Andy Wells and Board Chairman Mike Fox

AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the November 4, 2020 Meeting Minutes – Chair Tarleton	
DISCUSSION SUMMARY	<p>Chair Tarleton called the meeting to order, conducted a roll call of members present, and declared a quorum was present.</p> <p>Chair Tarleton stated the meeting minutes were distributed prior to the meeting, and if there are no additions or corrections, the Chair would accept a motion that the minutes from the November 4th meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Tarleton asked for a motion to approve the November 4, 2020 meeting minutes.</p> <p>Board Member Mathis made the motion to approve the minutes and Board Member Tillman provided the second.</p> <p>Chair Tarleton took a roll call vote. Members Cody, Hunt, Mathis, Tillman, Rosenburgh, Wells, and Overholt individually voted in favor of approving the minutes and the November 4, 2020 minutes were approved unanimously.</p>
2. NCDOT Roadside Environmental Program, Mr. David Harris, PE, State Roadside Environmental Engineer	
DISCUSSION SUMMARY	<p>Mr. David Harris, State Roadside Environmental Engineer, provided a presentation on the Department's Roadside Environmental Program. The Roadside Environmental Unit is responsible for managing roadside vegetation through mowing, litter management, trimming around signs and guardrails, brush and tree trimming, invasive weed control, aesthetics, and rest areas. Their other areas of responsibilities include environmental compliance, stormwater management, and environmental remediation. The roadway aesthetics programs the Roadside Environmental Unit manages include the wildflower program, daylily program, ornamental beds, and aesthetic engineering. There are 9 Welcome Centers and 58 Rest Areas maintained by the Roadside Environmental Unit.</p>



HIGHWAYS COMMITTEE

MEETING MINUTES

DRAFT

	<p>The Roadside Environmental Unit uses various programs to help with litter management including adopt-a-highway, sponsor-a-highway, contractor litter crews, sheriff offices, DOT crews, public education, and anti-littering campaigns.</p> <p>Their responsibilities with environmental compliance include the erosion and sediment control program, stormwater management, and 401 & 404 permit compliance. With environmental remediation, the Roadside Environmental Unit is involved with the remediation of hazardous materials, groundwater cleanup and underground storage tanks.</p> <p>Funding for Roadside Management activities was down in 2020, due to the impacts of storms and the pandemic. In 2021, Roadside plans to increase management activities from those in 2020; however, the level of management will be down from 2018 and 2019 levels.</p> <p>The discussion that followed the presentation included how businesses could be utilized to help sponsor welcome centers, how allocation of funds occurs per Division, and how to increase awareness to reduce the litter on our roadways.</p>
ACTIONS TAKEN	NONE TAKEN
3. NCDOT Bridge Program, Mr. Brian Hanks, PE, State Structures Engineer	
DISCUSSION SUMMARY	<p>Mr. Brian Hanks, State Structures Engineer, provided an update on the Department's Bridge Program. State Funding of the Bridge Program has increased from \$150M in 2015 to \$273M in 2021. Preservation funds were added in 2018 through 2021. The overall condition of state maintained bridges has improved from 2014 to present, going from 16.4% deficient to 8.6% deficient. The designation of deficient does not mean a bridge is unsafe. Instead, it means that one or more of the bridge's main components has deteriorated to a poor condition. There are 3 areas of the bridge that are evaluated in making this determination – the riding surface, the support beams, and the foundation. Deficient bridges are prioritized using the Priority Replacement Index (PRI). PRI scores are based on performance measures such as bridge condition, average daily traffic, sufficiency rating and deficiency points. The score determines whether the structure is a very good candidate for replacement. The PRI score is used by Structures Management and the Divisions to develop the 5-year Bridge Maintenance Improvement Plan.</p> <p>The High Value Bridge Preservation program involves over 200 bridges statewide that have replacement costs ranging from \$20M to \$400M. The total replacement costs of these bridges is \$9B. The Department has determined that these high value bridges may be maintained to good condition for \$300M. These bridges must be maintained as replacement costs are too great.</p> <p>In summary, the Department is making progress toward goals. There needs to be a focus on Interstate and Primary system structures. Replacement projects are</p>



HIGHWAYS COMMITTEE MEETING MINUTES

DRAFT

	addressing deficient bridges. Preservation assists with extending bridge service life and slowing the number of bridges becoming deficient.
ACTIONS TAKEN	NONE TAKEN
4. ADJOURNMENT	Chairman Tarleton adjourned the meeting.



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION MARCH 3, 2021

TIME: 10:30 AM – 11:45 AM

LOCATION: Microsoft TEAMS Meeting

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of January 6, 2021 Meeting Minutes	Mr. Cullie Tarleton, Chairman	10:30 AM
NCDOT Right of Way Remnant/Residue Properties: A Brief History and Current Status	Ms. Heather Fulghum, Manager, NCDOT Right of Way Unit	10:35 AM
NCDOT Resilience Improving Flood Risk Management and Resilience	Mr. Colin Mellor, Eastern Regional Team Lead, Divisions 1-6, 8, NCDOT Environmental Policy Unit Mr. Matt Lauffer, PE, Assistant State Hydraulics Engineer, Design, NCDOT Hydraulics Unit	11:05 AM
Other Discussion	Mr. Cullie Tarleton	11:40 AM
Adjourn	All	11:45 AM



NORTH CAROLINA Department of Transportation

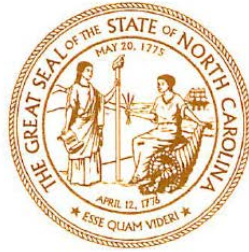


NCDOT Resilience

Colin Mellor, Environmental Policy Unit

NCDOT Board of Transportation – Highway Committee, March 3rd, 2021

Executive Order 80



State of North Carolina

ROY COOPER
GOVERNOR

October 29, 2018

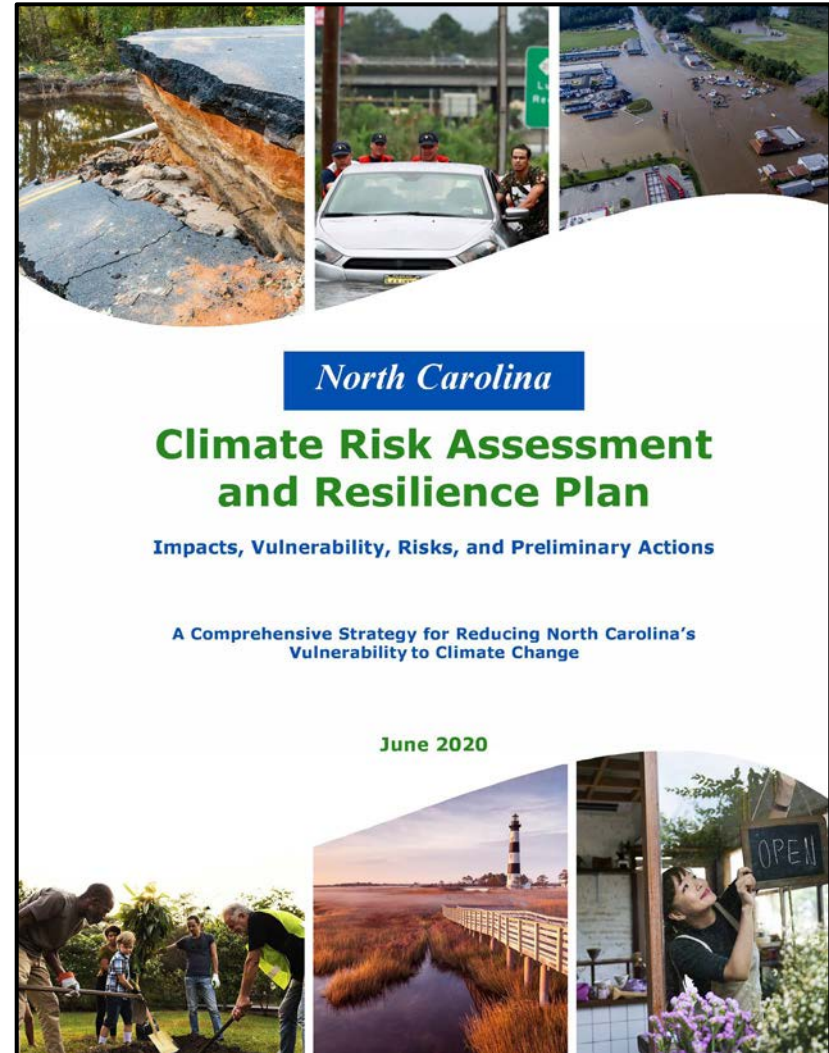
EXECUTIVE ORDER NO. 80

NORTH CAROLINA'S COMMITMENT TO ADDRESS CLIMATE CHANGE AND TRANSITION TO A CLEAN ENERGY ECONOMY

WHEREAS, North Carolina residents deserve to be better educated, healthier, and more financially secure so that they may live purposeful and abundant lives; and

WHEREAS, N.C. Const. art. XIV, § 5 requires the conservation, protection, and preservation of state lands and waters in public trust; and

WHEREAS, North Carolina is well positioned to take advantage of its technology and



Resilience - definition

A resilient North Carolina is a state where our communities, economies, and ecosystems are better able to rebound, positively adapt to, and thrive amid changing conditions and challenges, including disasters and climate change; to maintain and improve quality of life, healthy growth, and durable systems; and to conserve resources for present and future generations.

NC Climate Risk and Resilience Plan, Executive Summary

resilience - *the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions*

Federal Highway Administration

Resilience - Policy

WHAT

A broad, department wide, mission-specific policy based on two primary principals

- latest verified scientific data
- fiscal responsibility



WHY

- The cost of doing nothing is more expensive than the cost of implementing resilient solutions
- NCDOT has already directly or indirectly benefitted from federal funding specifically for resilience projects. Future money is likely to reward “*shovel worthy*” projects
- It’s the Department’s mission to ensure a safe and resilient system

Resilience – Policy next steps

- Continue the work that's already being done
- Draft a policy framework
- Work to identify what is vulnerable
- Benefit-cost analyses of resilience projects
- Continue internal and external collaborative opportunities





NORTH CAROLINA Department of Transportation



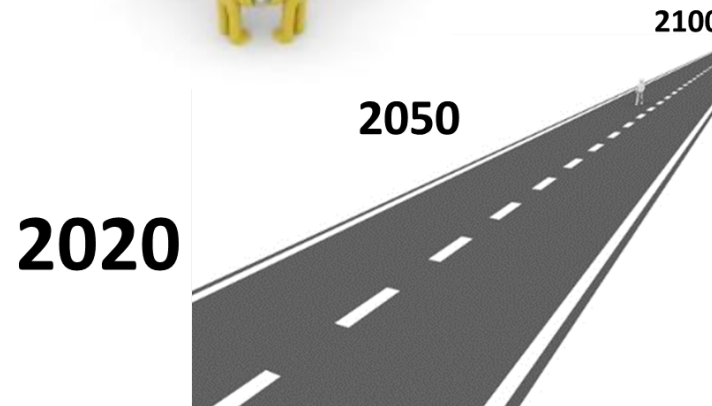
Improving Flood Risk Management and Resilience

Matt Lauffer, Hydraulics Unit

NCDOT Board of Transportation - Highway Committee
Wednesday, March 3, 2021

Agenda

1. Flood Risk Management and Resilience
2. Improving Risk Management and Resilience
 - Planning
 - Design
 - Storm Operations
 - Research
 - Partnership
3. Next Steps



Flood Risk Management and Resilience

Risk: Is an event that is a deviation from the expected outcome. Risk is measured by likelihood and consequence if the event did occur.

Vulnerability : function of (exposure, sensitivity, and adaptive capacity).
Extent to which an asset is susceptible to sustaining damage from a flood hazard.

Resilience: Is the ability to anticipate, plan for and adapt to **changing conditions** and withstand, respond to, and recover rapidly from **disruptions**.



Need for Investment Strategy

Billion-Dollar Weather and Climate Disasters: Time Series

Overview

Mapping

Time Series

Climatology

Summary Stats

Events

FAQ

References

Visualize the frequency and cost of billion-dollar weather and climate events using the interactive time series.

All Disasters

Drought

Flooding

Freeze

Severe Storm

Tropical Cyclone

Wildfire

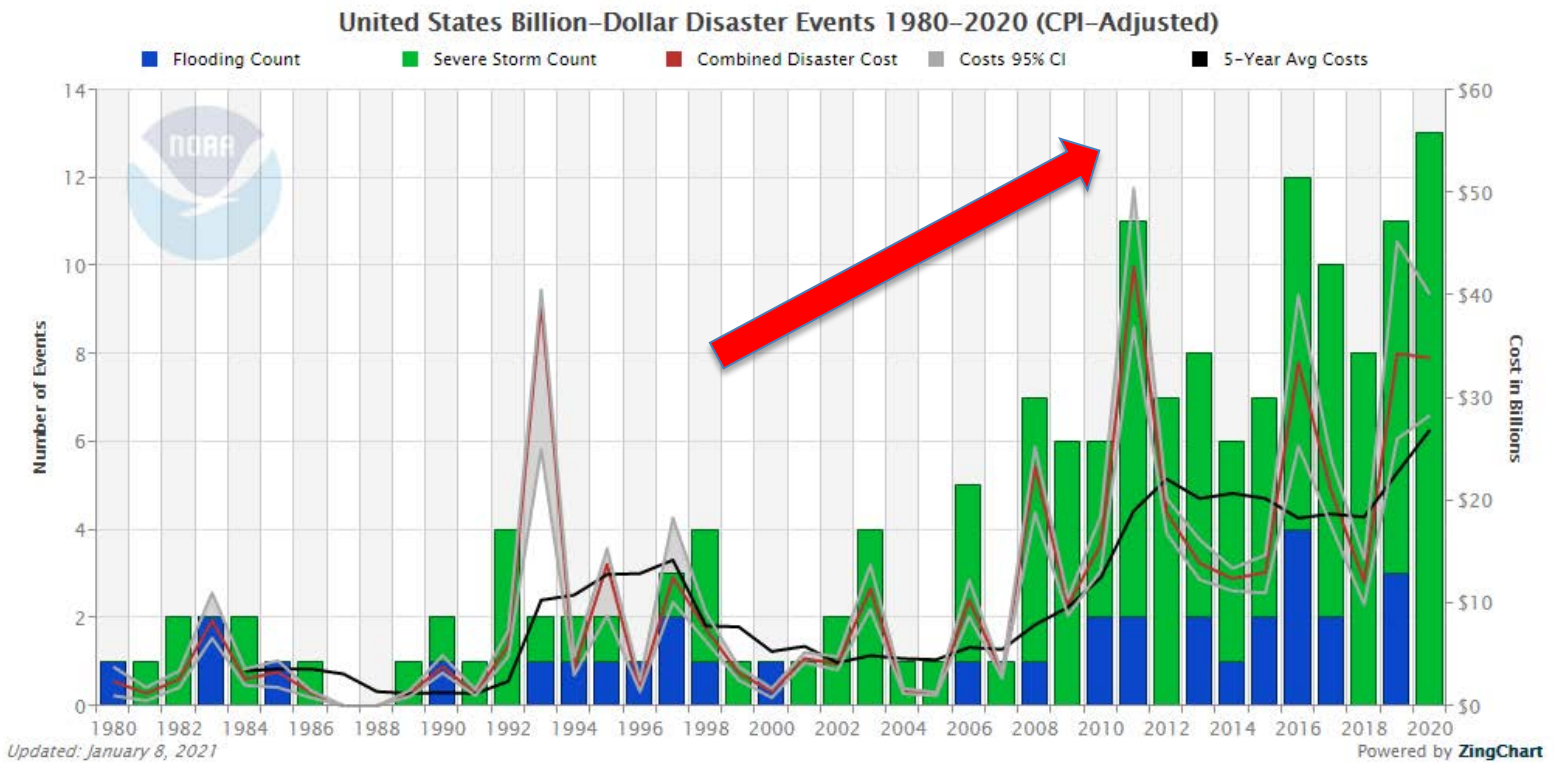
Winter Storm

United States

Update

CPI-Adjusted

Unadjusted



Need for Investment Strategy



North Carolina Climate Risk Assessment and Resilience Plan

June 2020

A. Climate Change Projections in North Carolina¹

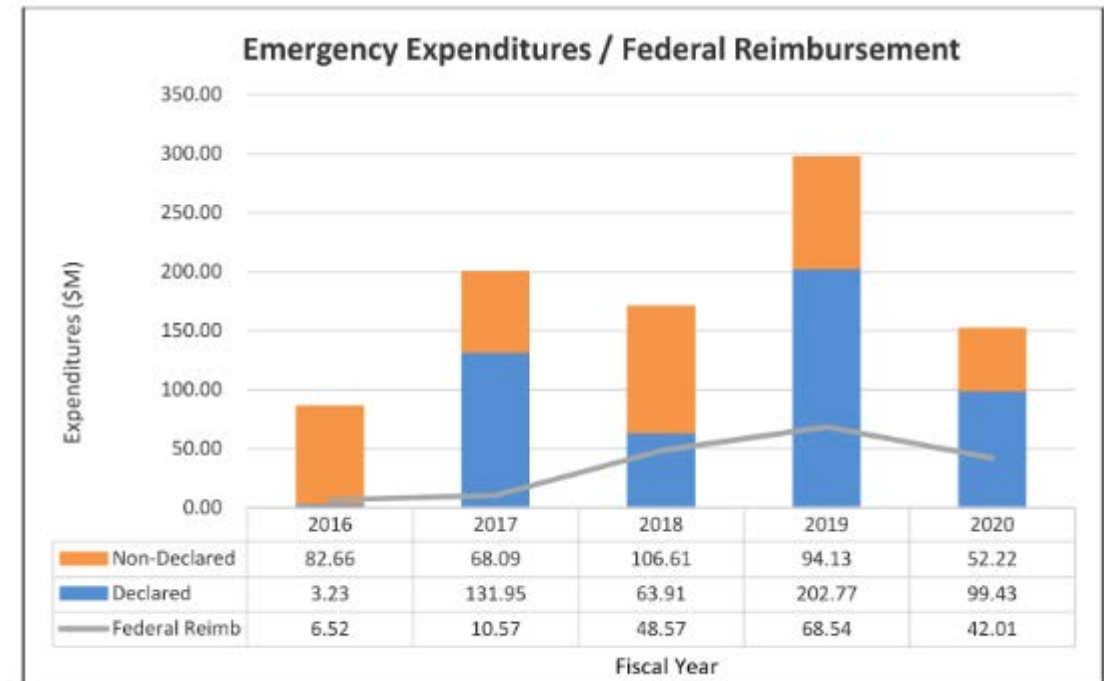
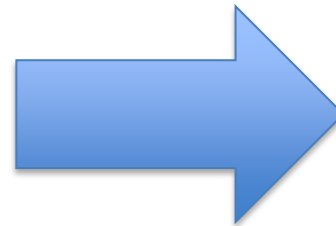


Figure 1: Emergency Expenditures and Federal Reimbursement

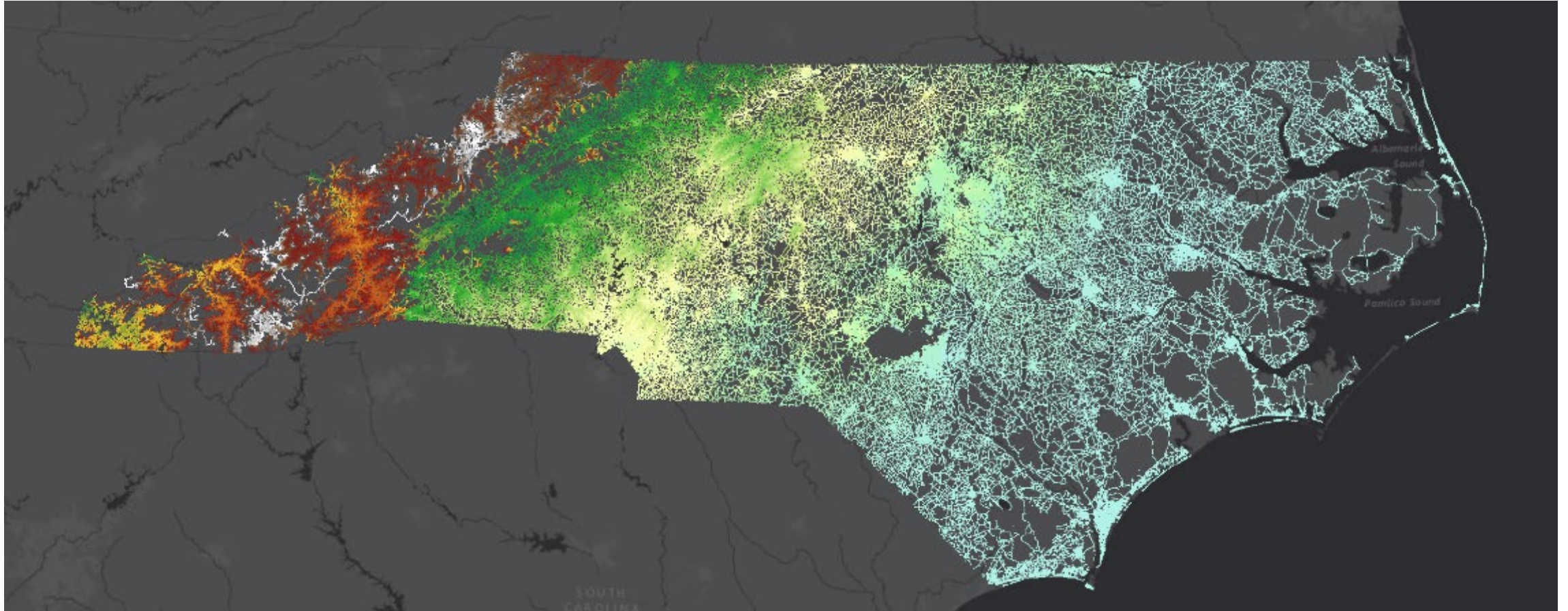
2020 - Maintenance Operations and Performance Analysis Report (MOPAR)

2020 North Carolina Storms				
Storm Event	# of Damage Sites	# Damage Bridges	# Damage Pipes and Culverts	# of Pipe Replacement Requests
2020 February 6 th Rain Event	286	22	92	27
2020 April 13 th Rain Event	80	5	18	2
2020 May 19 th Rain Event	71	3	23	6
Bertha	92	0	9	5
2020 June 17 th Rain Event	61	2	12	9
Isaias	128	4	4	2
2020 August 14 th Rain Event	30	1	24	3
2020 August 31 st Rain Event	79	6	37	16
2020 September 17 th Rain Event	6	1	2	2
Zeta	78	4	29	14
2020 November 11 th Rain Event	809	42	174	98
Totals	1720	90	424	184

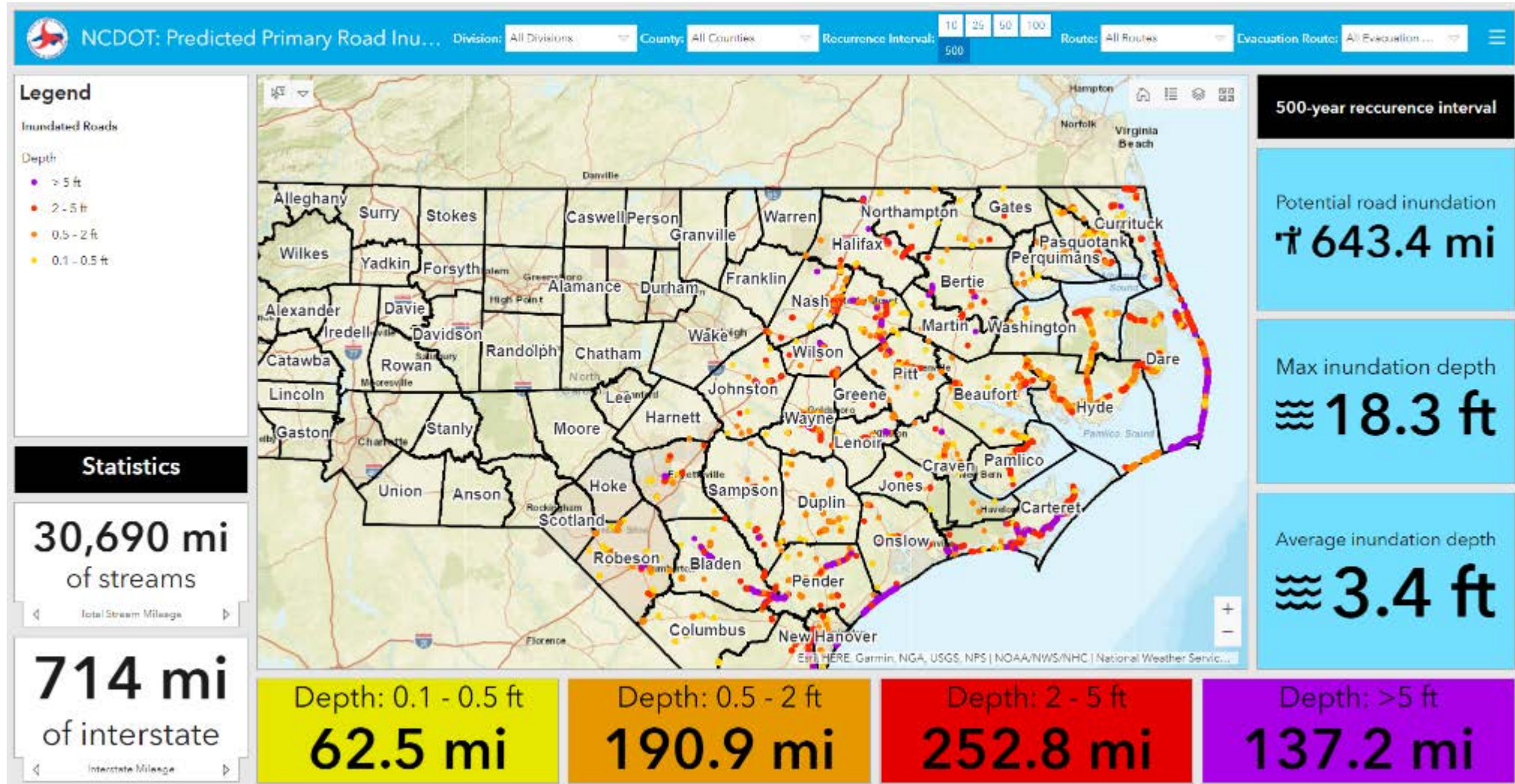
*30% of damage sites are related to drainage structures

*45% of damage pipes are replaced

Improving Risk Management and Resilience - Investment



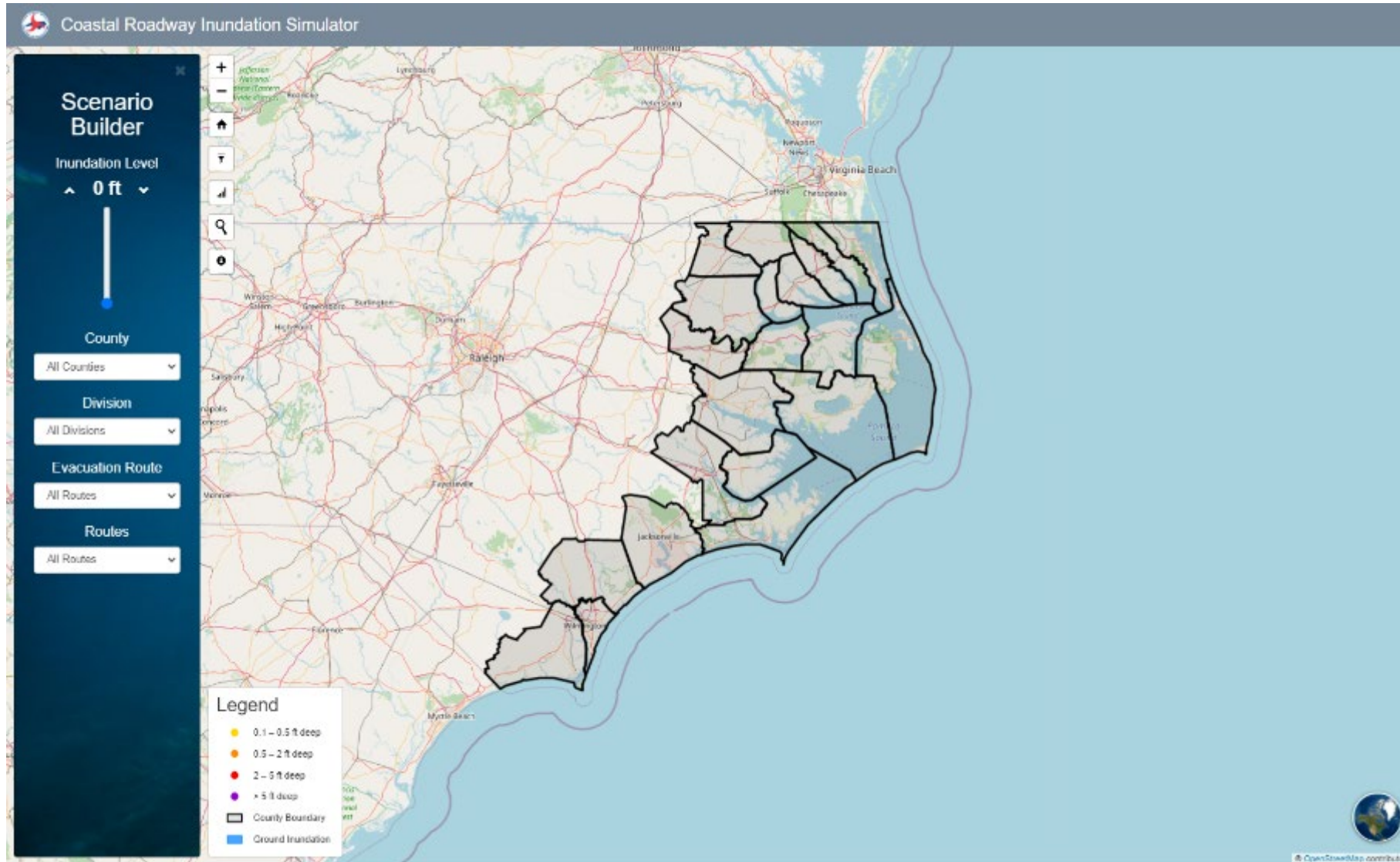
Improving Risk Management and Resilience - Planning



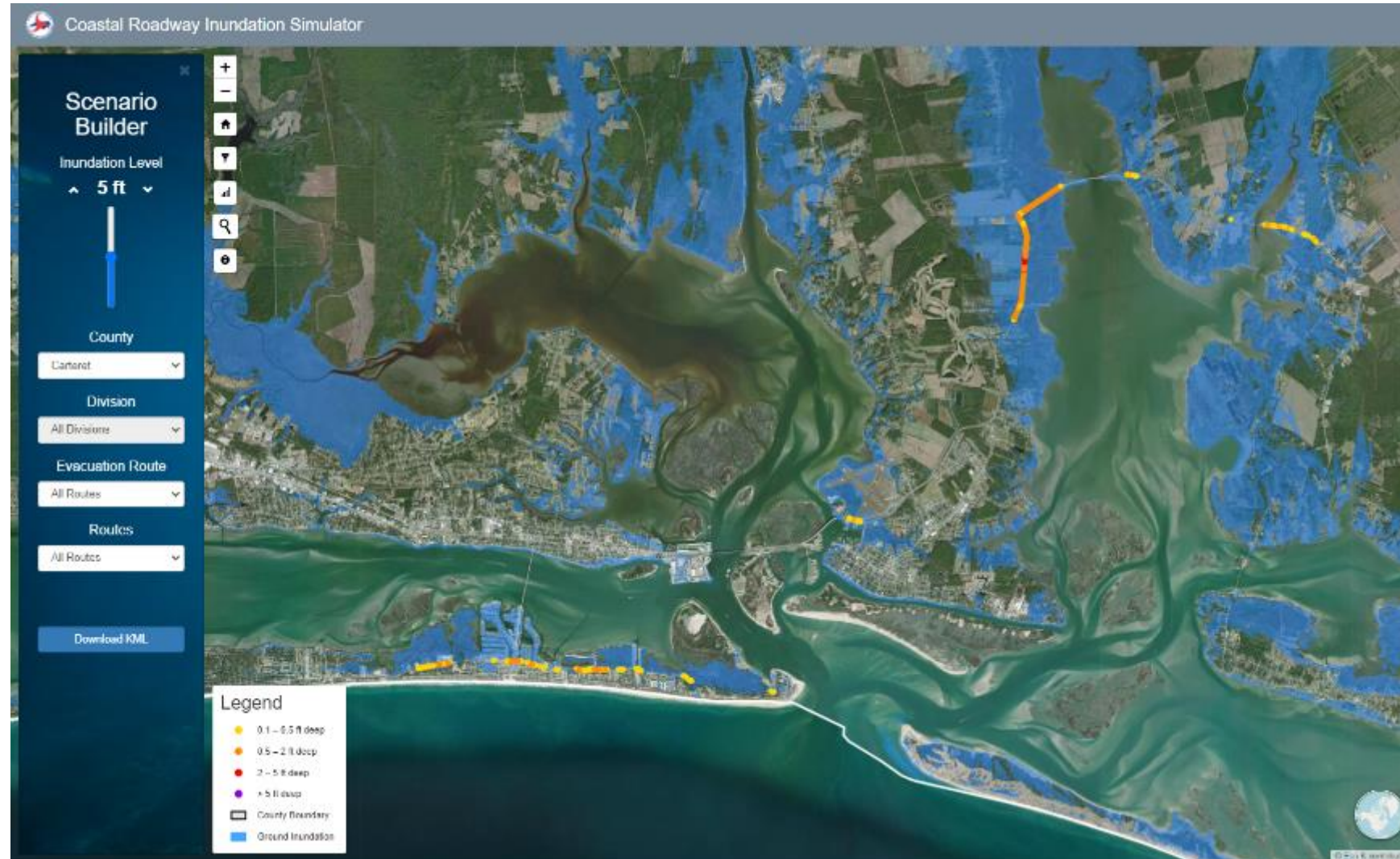
Improving Risk Management and Resilience - Planning



Improving Risk Management and Resilience - Planning



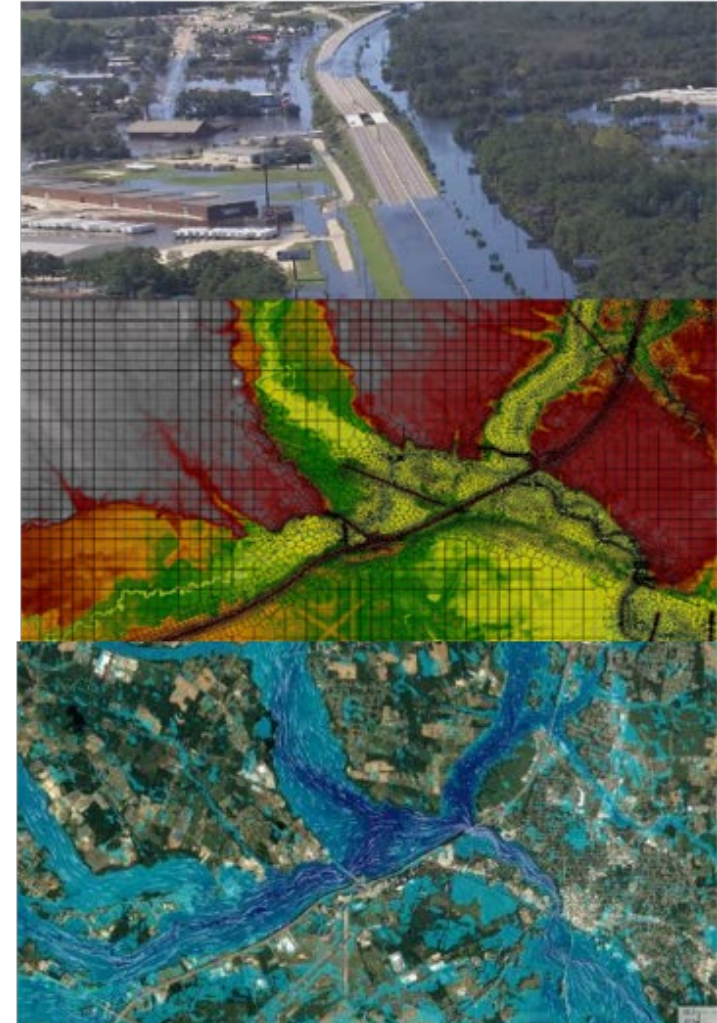
Improving Risk Management and Resilience - Planning



Improving Risk Management and Resilience - Design

I-6064 Resilient Design

- Largest 2D rain on grid model NCDOT has completed.
- Design Criteria for Resilience
 - 100-Year Design Storm
 - Evaluate Performance for Florence and Matthew
- Provide Information on road profile, bridge lengths, culvert sizing to meet FEMA floodplain requirements and performance criteria for Design Build Project.



**INTEGRATED
PROJECT
DELIVERY (IPD)**

Improving Risk Management and Resilience - Design



Improving Risk Management and Resilience - Design

Matthew - \$215,686

Florence - \$87,630

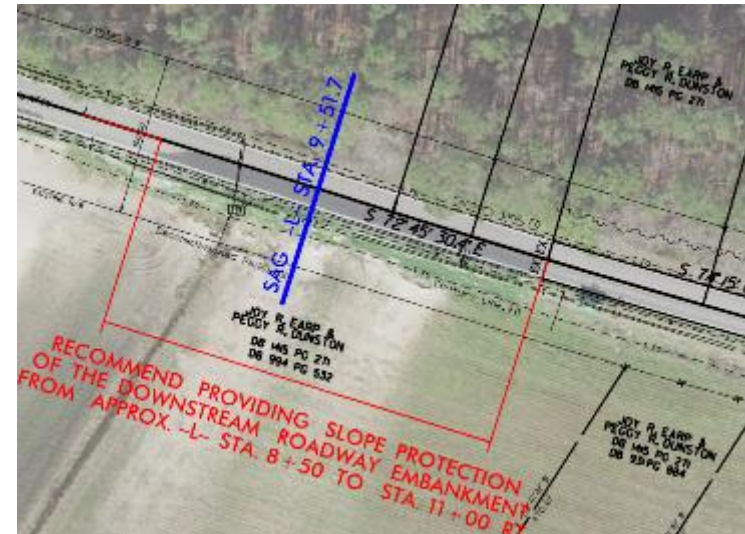
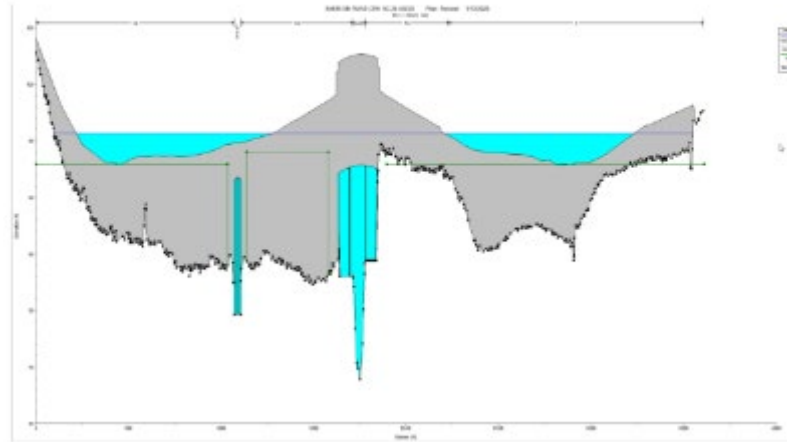
Total: \$303,316

Estimated Resilience Cost - \$75,000

Benefit/Cost = 4

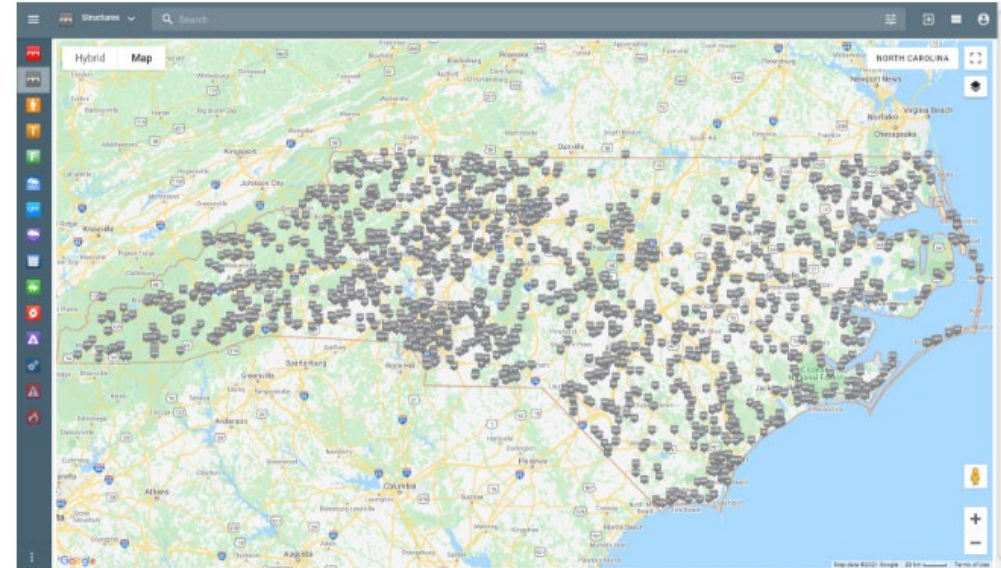


Figure 2 - WSEL where Overlapping
ROW 3 feet



Improving Risk Management and Resilience – Storm Operations

- BridgeWatch – Continuous Flooding, Scour and Structure Awareness.
- Integrate with DamWatch
- Derivatives

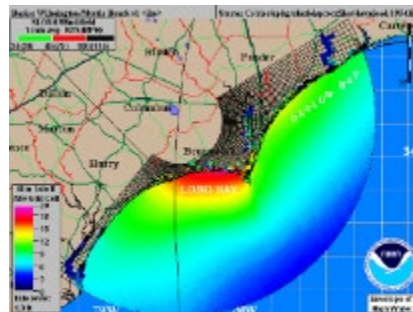


The initial implementation of BridgeWatch includes over 1,500 high-risk bridges.

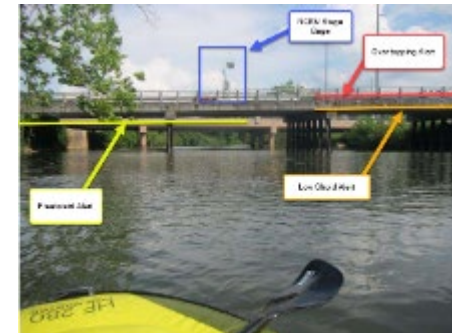
NEXRAD



SLOSH/ CERA



USGS/ EM Gages



Critical Elevation Thresholds Established / Monitored for 300+ Bridges

The screenshot displays the ncdot.gov bridge monitoring interface. The top section shows a map of a bridge over a river, with a yellow box labeled "Linked Gage" pointing to a gage structure. The map is titled "4152 Mobleys Bridge Rd, Grimesland, North Carolina". The right sidebar shows the "NORTH CAROLINA" state selection and a list of structures, including "730010". The bottom section shows a table of critical elevation thresholds for the selected structure, with yellow boxes highlighting the "Thresholds", "Measurement", and "Measurement Time" columns. The table lists three thresholds: Freeboard, Low Chord, and Overtopping, all with a current height of 8.65 ft and a last measurement time of 02/08/2021 2:45:00 PM EST.

Site Number	Name	Year Peak	Year Peak Height (ft)	Current Height (ft)	Last Time Measured	Monitoring Status
02084160 (3)	CHICOD CR AT SR1760 NEAR SIMPS...	Freeboard	11	8.65	02/08/2021 2:45:00 PM EST	Active
	CHICOD CR AT SR1760 NEAR SIMPS...	Low Chord	12	8.65	02/08/2021 2:45:00 PM EST	Active
	CHICOD CR AT SR1760 NEAR SIMPS...	Overtopping	12.3	8.65	02/08/2021 2:45:00 PM EST	Active

Iredell County #480141 (Cattleman's Road)

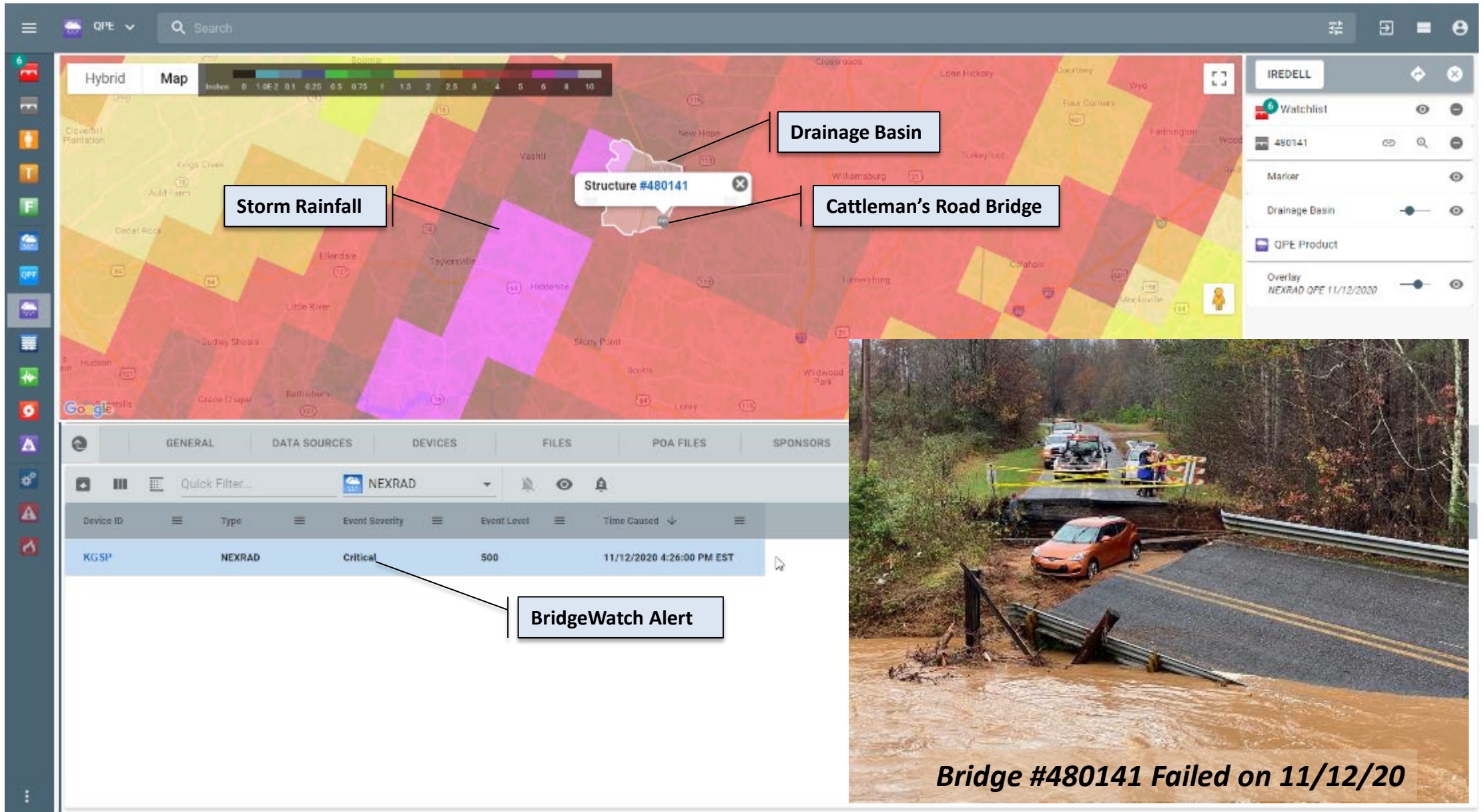
11/12/20 Event

The screenshot displays the ncdot.gov web application interface. At the top, there is a search bar and a dropdown menu for 'Structure' with the value '480141'. The main map area shows a hybrid view of a map of Iredell County, North Carolina, with a marker for 'Structure #480141' located near Cattleman's Road. The map includes various geographical features like roads, rivers, and parks. On the right side, there is a sidebar with a 'Watchlist' section showing the structure #480141 and options for 'Marker', 'Drainage Basin', and 'QPE Product'. Below the map, there is a navigation bar with tabs for 'GENERAL', 'DATA SOURCES', 'DEVICES', 'FILES', 'POA FILES', 'SPONSORS', 'ALERTS', 'TICKETS', 'FORMS', 'NEARBY STRUCTURES', and 'EQUIP'. The 'GENERAL' tab is selected, and it displays a table with the following data:

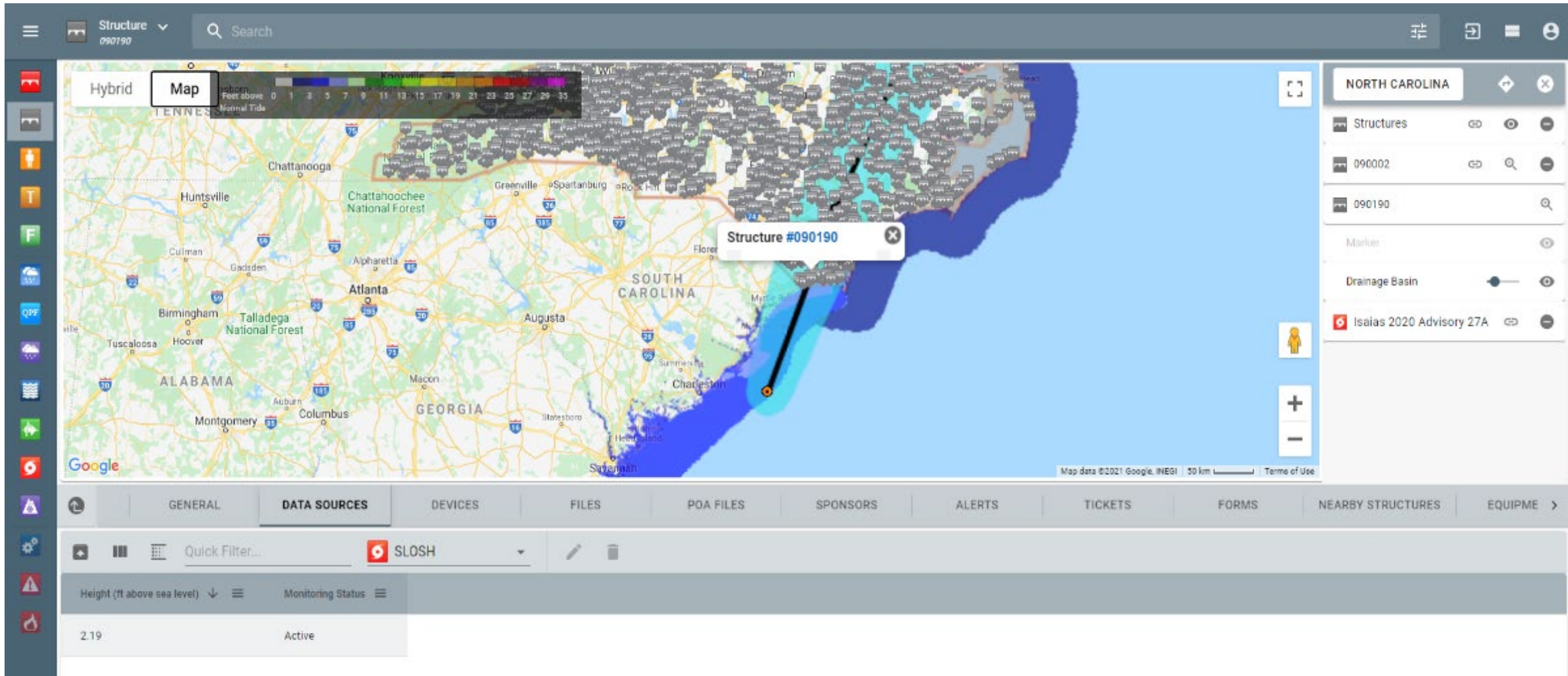
Structure	Status	Latitude	Longitude	Division	County	Stream Name	Road
480141	Inactive	35.9467	-80.9882	12	Iredell	SNOW CREEK	SR1585
BRIDGE	YADKIN	Scour Code					

Iredell County #480141 (Cattleman's Road)

11/12/20 Event

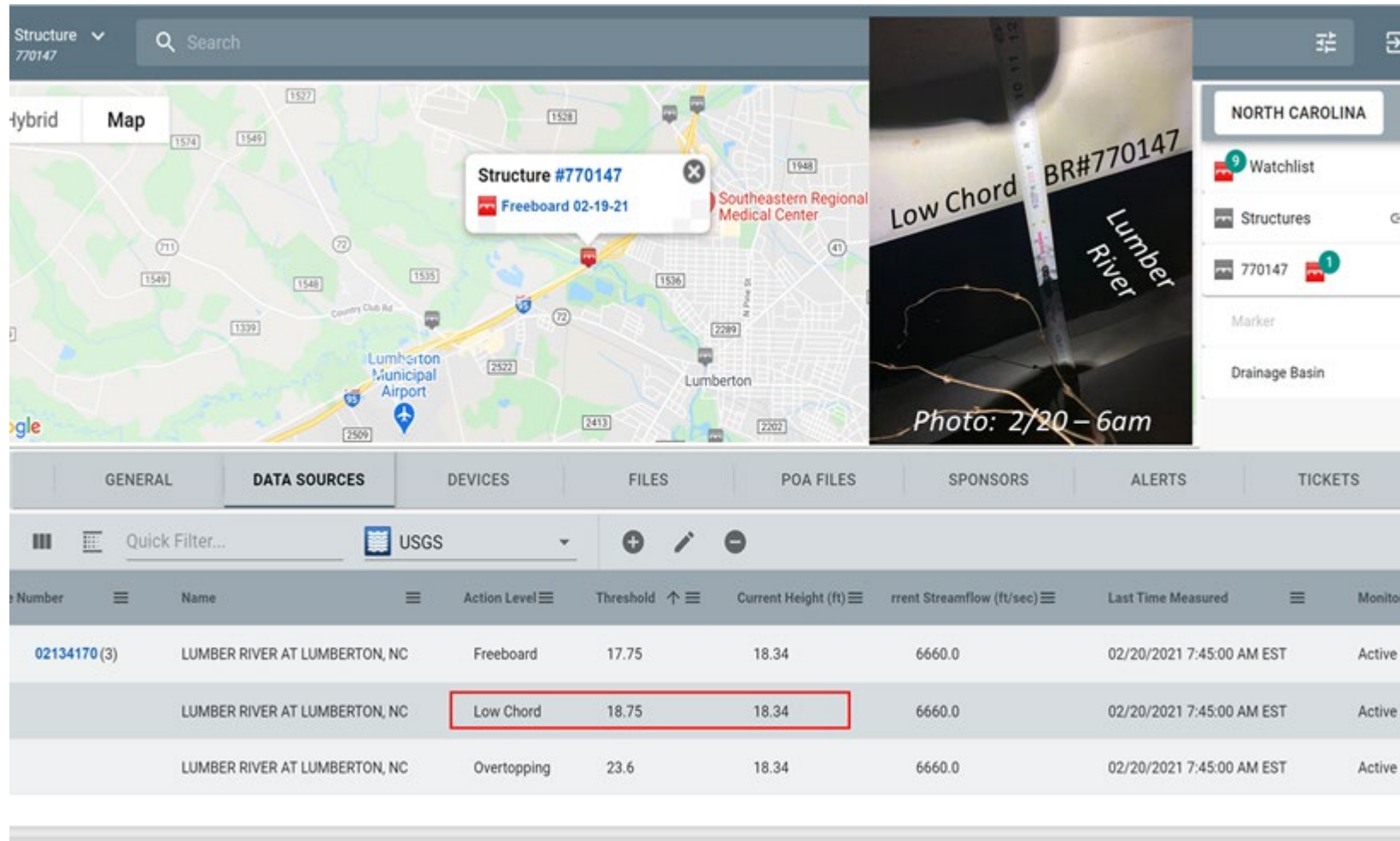


Alert Thresholds Established for 193 Bridges Susceptible to Storm Surge



Improving Risk Management and Resilience – Storm Operations

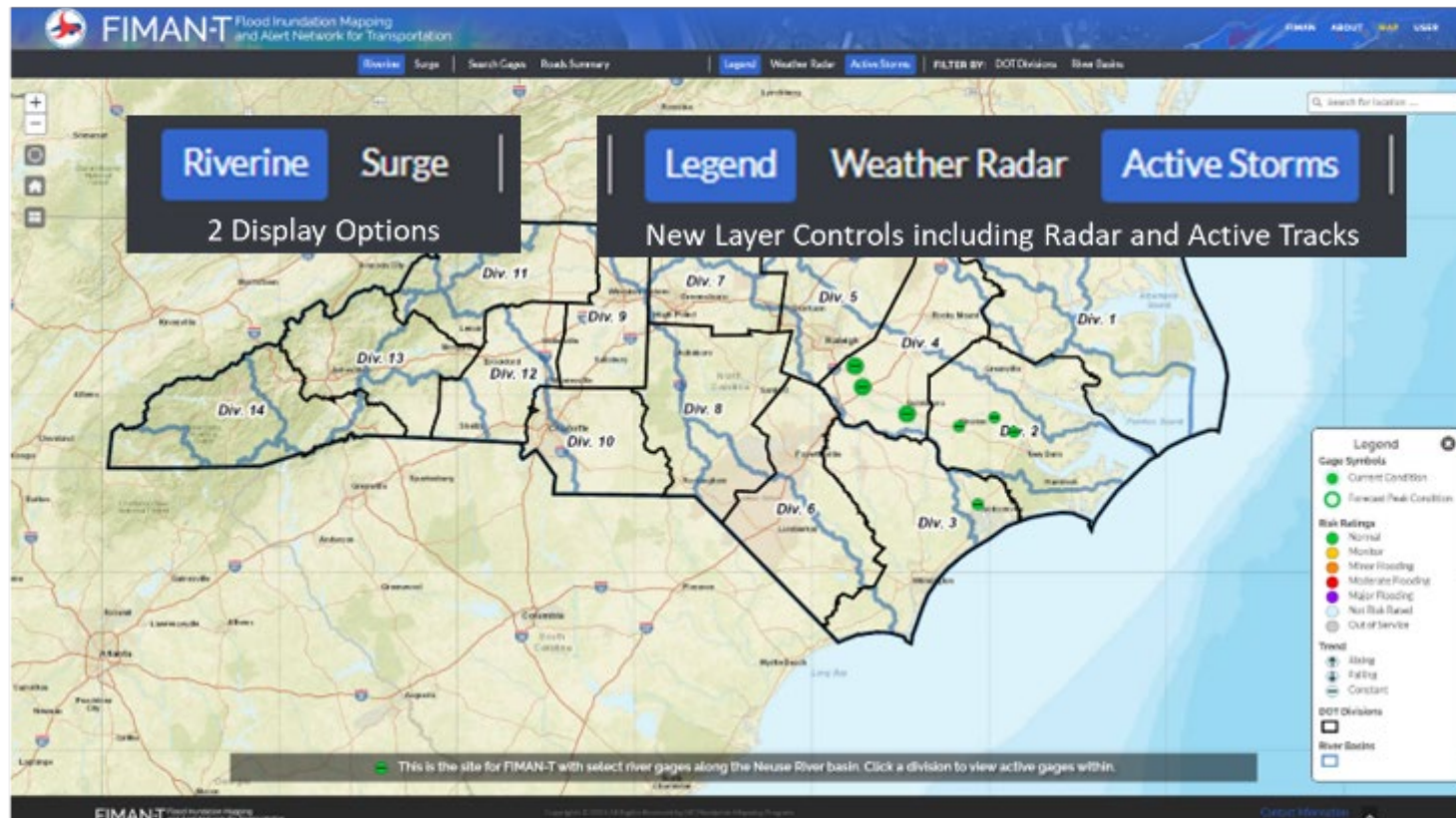
Monitoring I-95 on Saturday, February 20th, 2021



Improving Risk Management and Resilience – Storm Operations



Storm Preparedness – FIMAN-T



A New Tool for NCDOT's Response to Flood Impacts to Transportation Assets

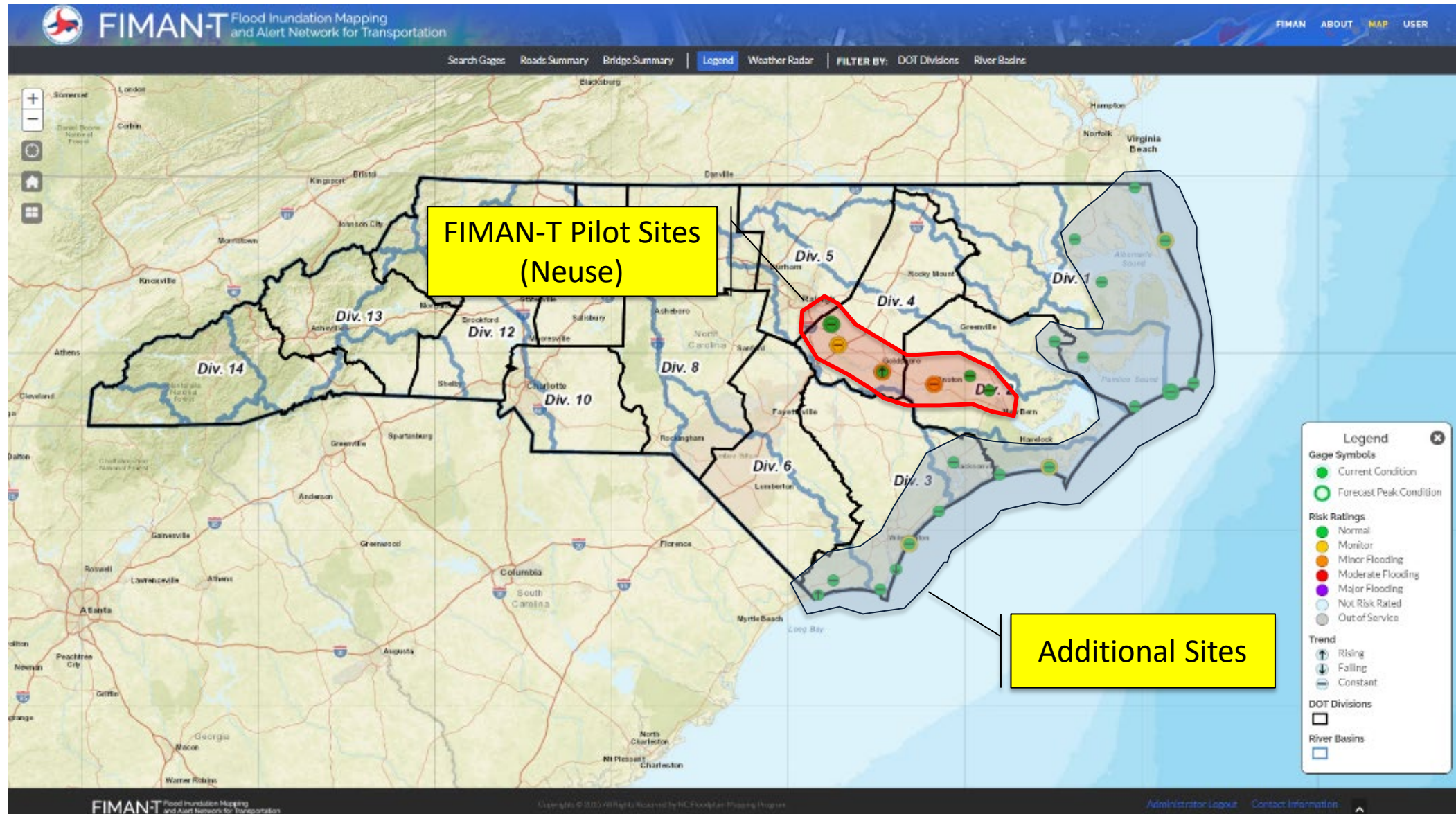
FIMAN-T: 2020 Progress

- NCEM Coordination and Production Deployment
- NCID User Authentication
- Database Updates (Database Design)
- Documentation (Quick Guide and Admin Guide)
- Summary Report Generation
- Implementation Plan
 - Initial Pilot: 6 Sites
 - Today: 28 Sites

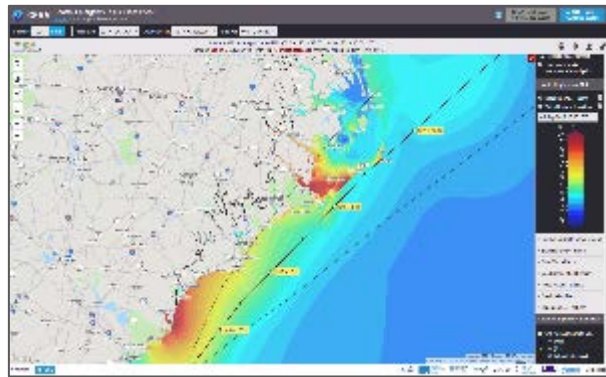
FIMAN-T: 2020 Progress

- Extensive Ground Truth Validation
- Coastal Surge Inundation Mapping (forecasted)
- Past Surge Events (Hindcasts)
- Upgraded Google Earth Exports
- Training Conducted
- Project Management / Tracking Site

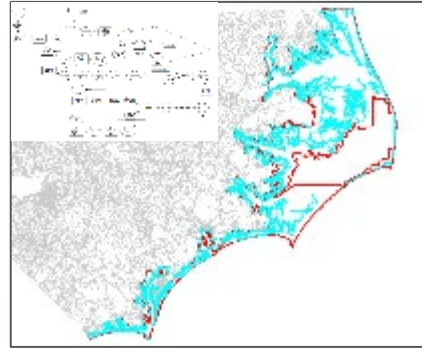
Site Additions: Over 20 New Sites Added in Q1 2021



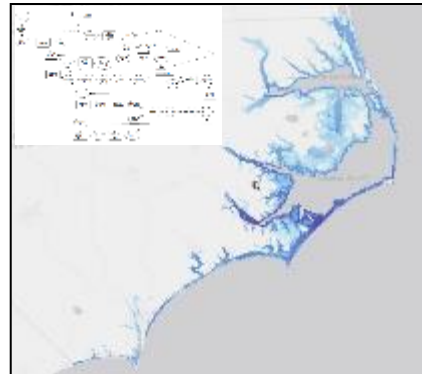
FIMAN-T Surge Concept



SURGE Modeling from CERA

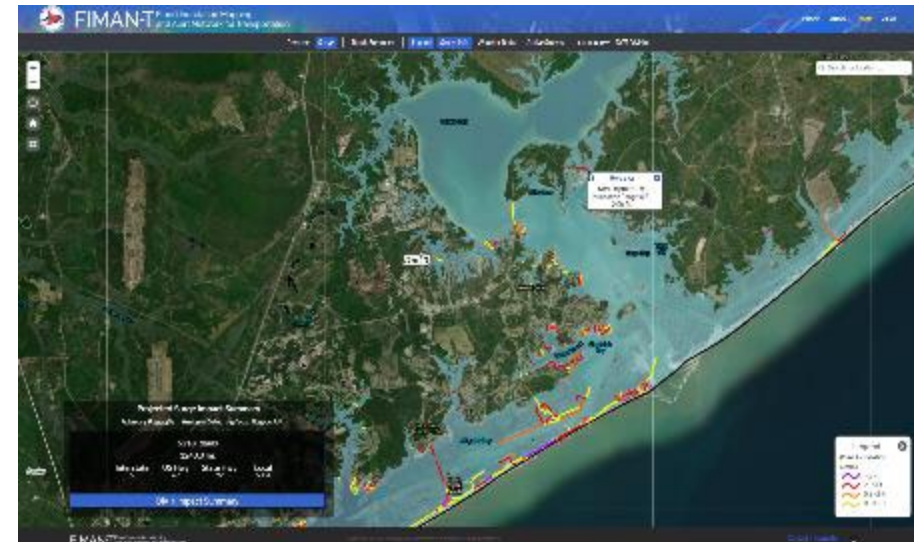


Statewide 3D Road
Raster QL2



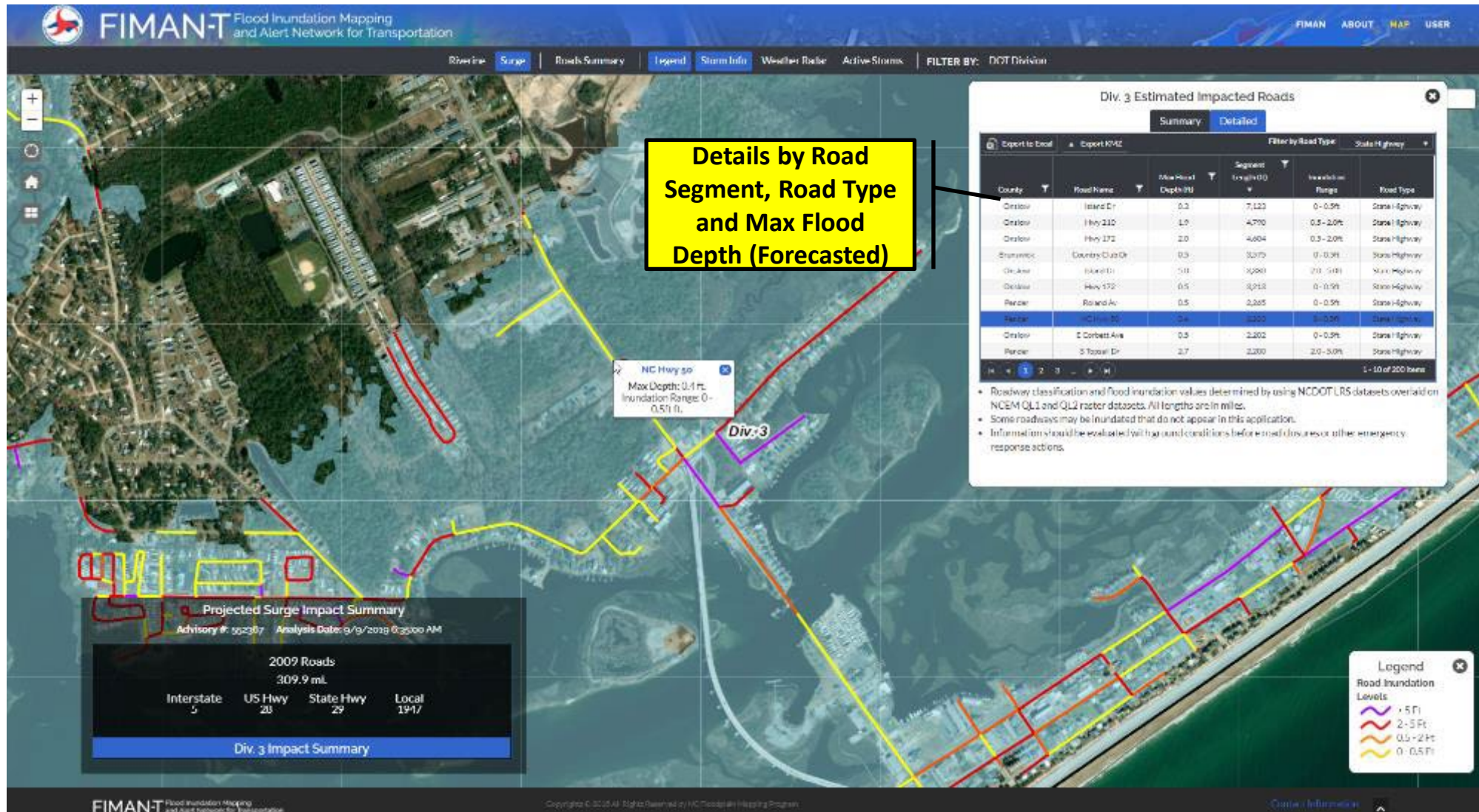
Event-wide Surge Depth
Raster

**Automatically Runs
Every 6 Hours (During Events)**

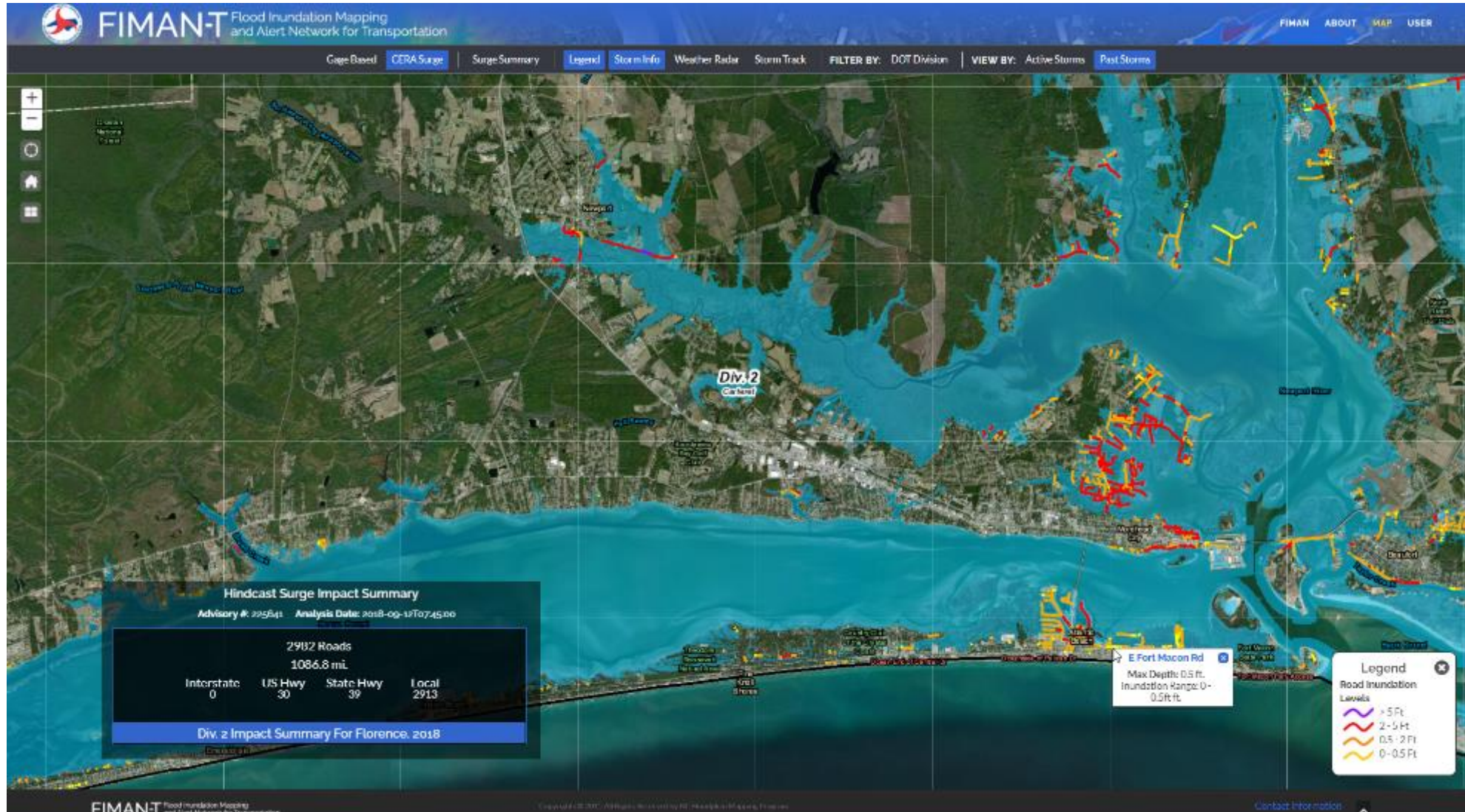


**FIMAN-T – Surge Forecast Module Showing
Maximum CERA Inundation Boundaries
and Roadway Impacts – Statewide.**

Storm Preparedness – FIMAN-T : Surge



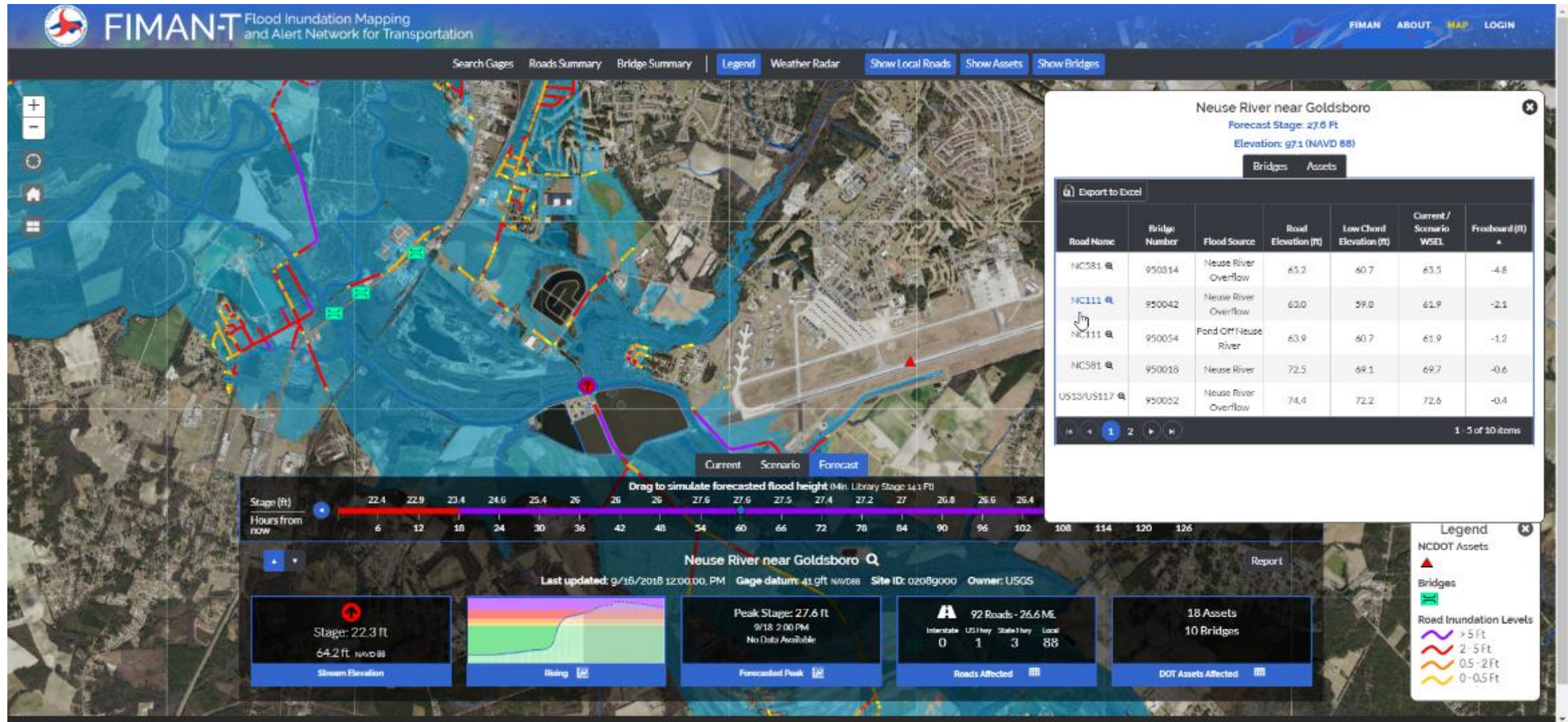
Hindcast Surge Impacts for Matthew, Florence and Dorian



Seamless Hwy 12 Awareness: Ocracoke to Buxton



Storm Preparedness – FIMAN-T : Riverine



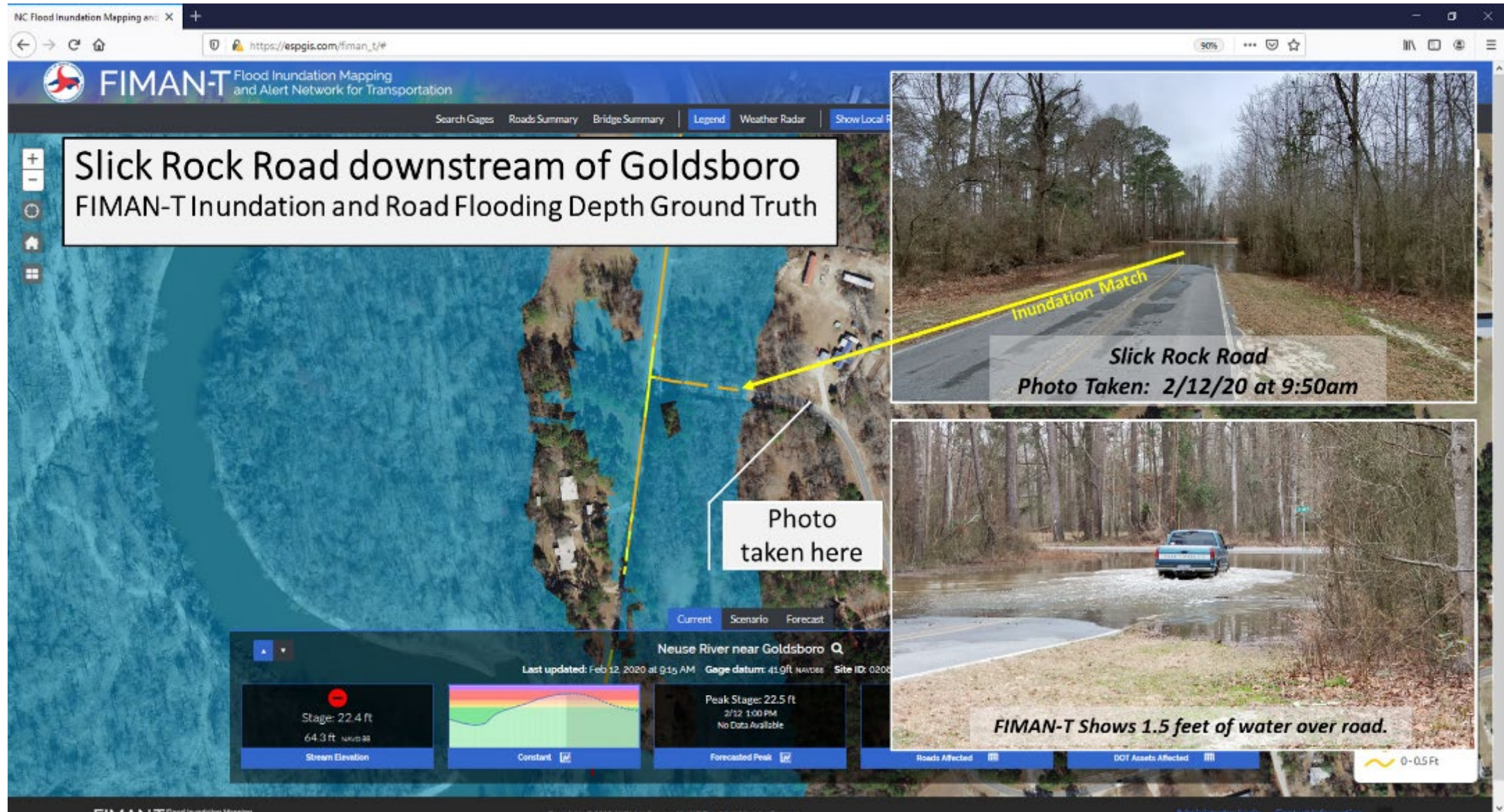
Ground Truthing:

NC 581 over Neuse River FIMAN-T Bridge Freeboard Ground Truth

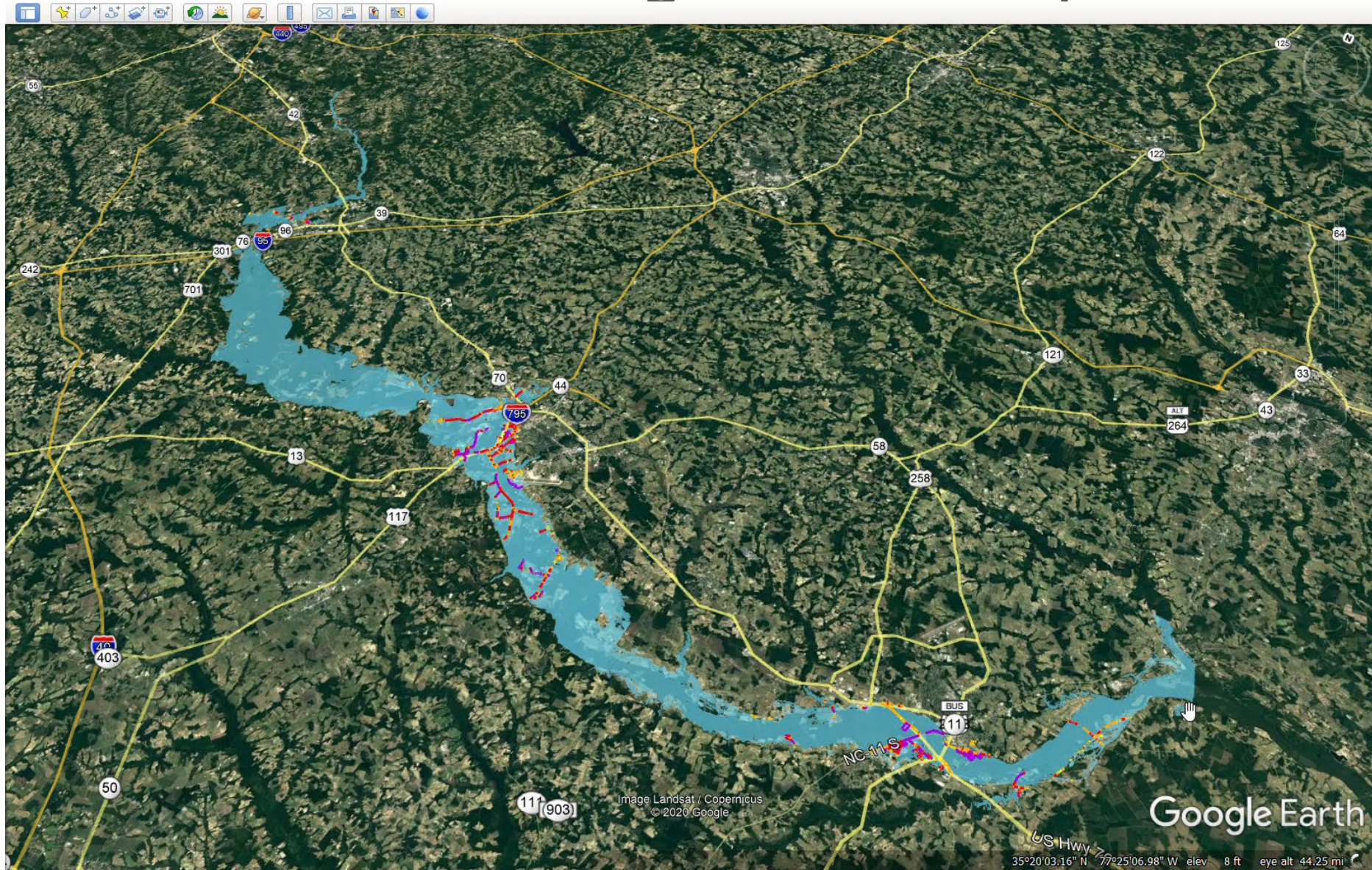
4.25 miles from FIMAN Gage



Ground Truthing:



Enhanced Google Earth Exports



Research and Studies

- NC Future Precipitation for Resilient Design
- IDF Rainfall Update – Atlas-14, Volume 13
- NCSU Flood Abatement Studies – Resilient Routes
- USACE – DRA 19 Flood Risk Reduction Feasibility Study
- NCHRP 51-10 – Practices for Integrated Flood Prediction and Response Systems
- NCHRP – Climate Change for Hydrologic and Coastal Design (NCHRP 15-61/20-44(23))

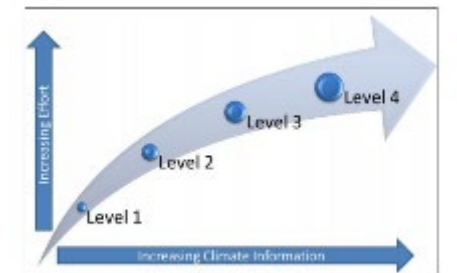
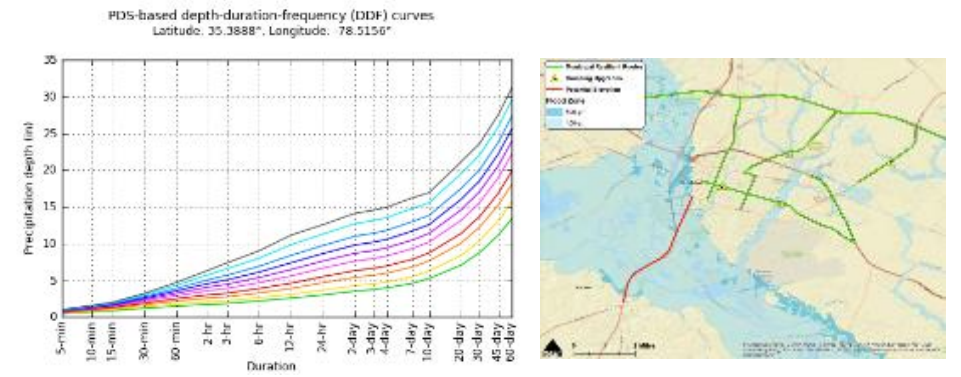
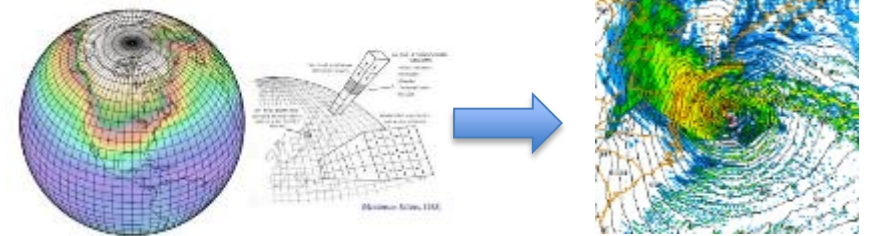


Figure 2.1. Levels of analysis, effort, and climate information.

Building Internal Partnerships



N.C. Department of Transportation
Division of Highways, Technical Services Division

Storm Preparedness

SEPTEMBER 2020

With broad and deep technical expertise and resources, the Technical Services Division is uniquely positioned to assist the Department in storm preparedness, response, and recovery.

Service Areas

- Coordination and Communication
- Professional Services
- Hydraulics
- Geotechnical Engineering
- Utilities
- Roadway Design
- Photogrammetry
- Environmental Policy
- Location & Surveys
- Environmental Analysis
- Project Management

Technical Services Division Office assists in storm coordination efforts for the business units within the Division, the Chief's Office, the Secretary's Office, Communications Office, and Information Technology Office. Goals are:


- **Share with Senior Leadership** anticipated impacts to the transportation infrastructure to assist with making decisions
- **Increase knowledge** sharing between staff and Senior Leadership to allow for immediate situational awareness in both directions
- **Identify and develop IT consistent solutions** to assist with data collection, data sharing, and data analytics
- **Ensure communication and collaboration** is occurring across multiple disciplines and organizations
- **Develop in-house strike teams** to quickly produce plans of action, scope, schedule, preliminary construction plans and costs for recovery from major infrastructure damage
- **Prepare a storm website** for sharing relevant information including reports from the National Weather Service, traffic information, links to resources, and the latest available storm response tools. This site would promote better situational awareness and convenient access to storm-related information for the Department. After the storm, the site would be used to monitor damage, road closures, and provide uploaded photos via ground and air photography. Production of storm websites to date have been a collaboration between the Technical Services Division Office, the Chief Engineer's Office, State Maintenance Operations, Traffic Systems Operations, Information Technology, Photogrammetry, Hydraulics, and Communications.
- **Develop purchase orders and scopes of work** for storm response needs to be completed by engineering firms. These POs and scopes can utilize the [Disaster Recovery Assistance](#) contract. This contract has been put in place through coordination with the Professional Services Management Unit to facilitate the needs of the business units.

CONTACTS

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Download Map (PDF) 8/20/20

[NWS Warning](#)

[NWS Forecast](#)

[NOAA - NHC](#)

[DRC-DU - DRC-Field & Info](#)

[CORA Storm Gauge Info](#)

[NWS-WFO - News/Forecast City](#)

[FIMAN Flood Info](#)

Wilmington, United States

68°
Cloudy
8/10/20 13:00 CDT HIGH Weather

Morehead City, United States

65°
Cloudy
8/10/20 13:00 CDT HIGH Weather

Nags Head, United States

67°
Partly Cloudy
8/10/20 13:00 CDT HIGH Weather

Building Partnerships

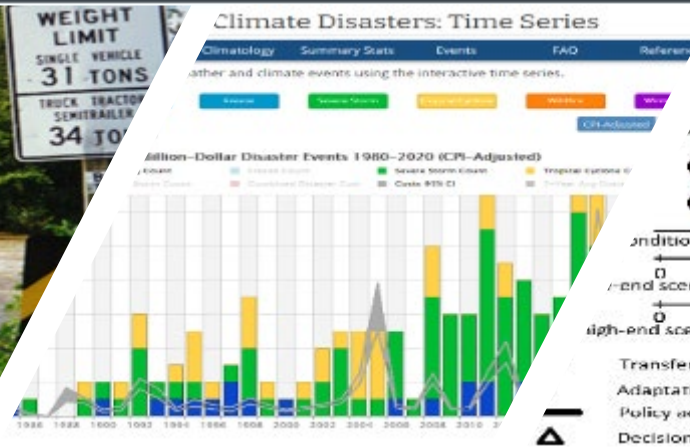


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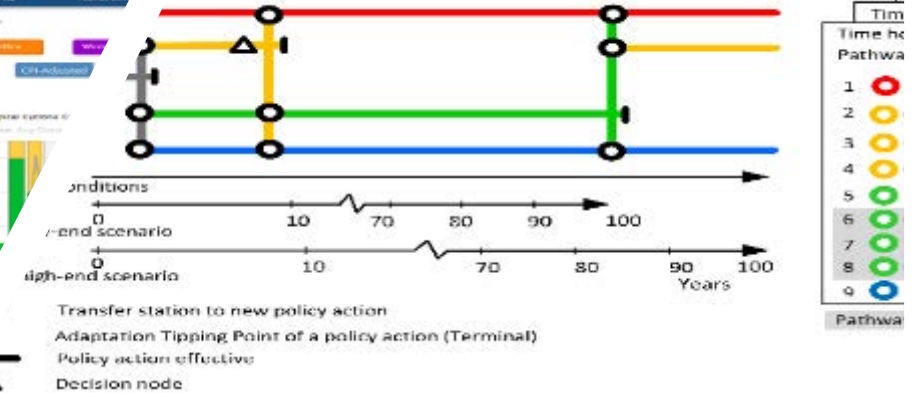


Resilient



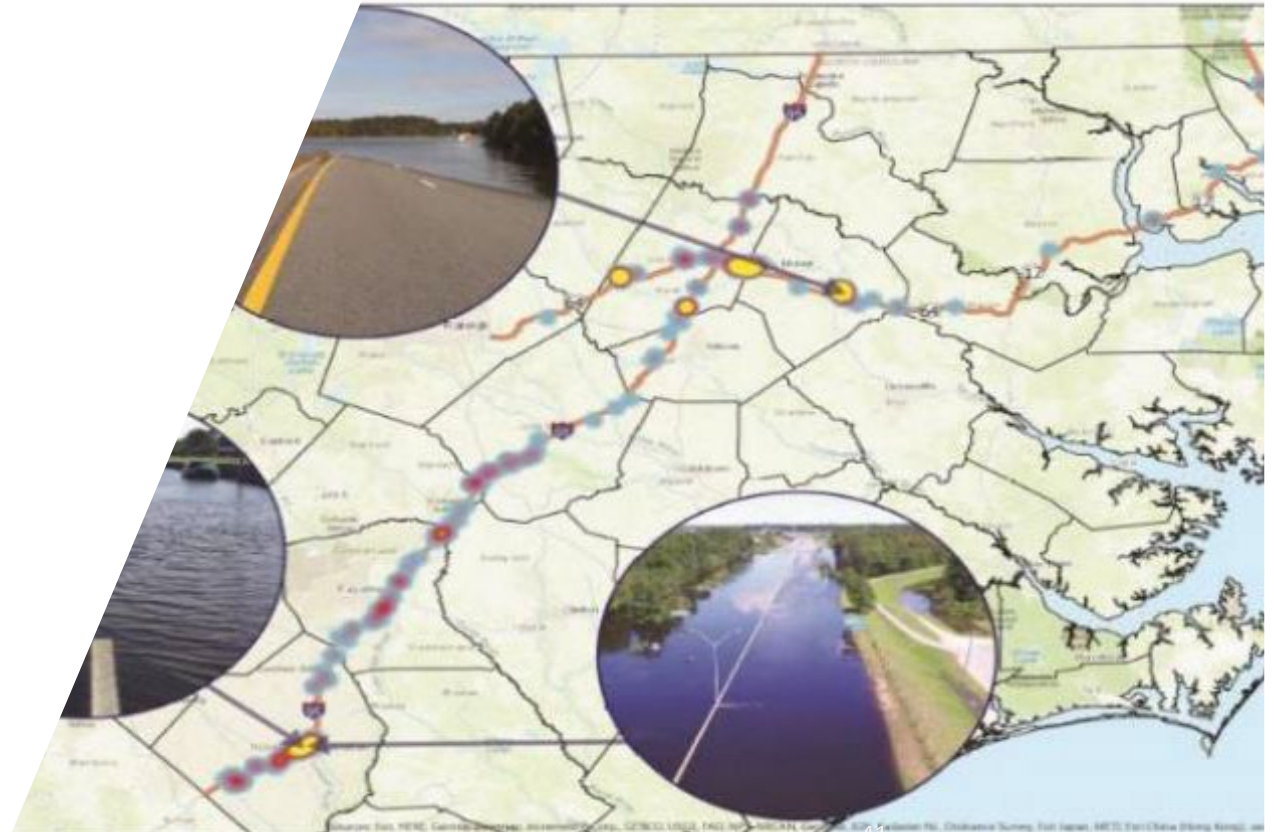


Adaptation Pathways Map



Next Steps

- Expand Tools
- Expand Analysis
- Research
- Training/ Outreach/ Partnership



Questions?

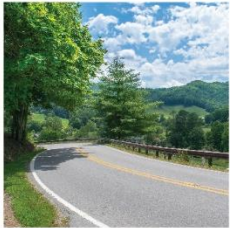


Thank You!

Matt Lauffer
mslauffer@ncdot.gov
919-621-0443



NORTH CAROLINA
Department of Transportation



NCDOT Highways Committee

Remnant/Residue Properties: A Brief History and Current Status

Presented by:

Heather Fulghum, NCDOT Manager of Right of Way

March 3, 2021

Why does NCDOT acquire residues?

The 5th and 14th Amendments to the United States Constitution require that the government pay just compensation for the taking of private property for a public use.

- The 5th Amendment to the United States Constitution provides that private property shall not be taken for public use without just compensation.
- A physical remnant is created “when the remainder of a condemned property,” or a property being acquiring by a condemning authority, “is left in such a condition that it will be of little value to the owner.” 2A Nichols on Eminent Domain § 7.06(6)(b)(ii).
- Section 301(9) of the Uniform Act of 1970 gave the head of the federal agency responsible for acquiring the condemned property the authority to acquire an uneconomic remnant: *If the acquisition of only part of a property would leave its owner with an uneconomic remnant, the head of the federal agency concerned shall offer to acquire the whole property.*

How does NCDOT acquire residues?

- The Department of Transportation is obligated to make an offer to purchase all uneconomic remnants. Uneconomic remnants can be purchased only with the consent of the owner and cannot be condemned.
- The Department appraises a parcel for its value to be acquired as part of the highway project and for any impacts to remaining land outside of what is needed for the highway project.
- Factors to be considered in determining that a remainder is an uneconomic remnant include the size or shape of the remainder, control of access as it may affect the remainder, cuts and fills as they may affect access to a remainder, the economic effect on a business operation, the effects on a farming operation, loss of water/sewer, and the effect on residential and all other types of property due to right-of-way acquisition. The utility or value to the owner must be considered as well as its appraised value. In some cases, a remainder having a substantial value could be considered an uneconomic remnant depending upon its utility or value to the owner.

EXAMPLE OF APPRAISED RESIDUE DETERMINATION

4. Land Areas:	AREA LT.OF R/W	AREA IN R/W	AREA RT. OF R/W	TOTAL
	0.000 Ac.	0.875 Ac.	0.046 Ac.	0.921 Ac.
5. Less: Land Area in Existing R/W:	0.000 Ac.	0.000 Ac.	0.000 Ac.	0.000 Ac.
6. Appraise Net Areas	0.000 Ac.	0.875 Ac.	0.046 Ac.	0.921 Ac.

7. Easements: TCE: N/A DRAINAGE: Perm N/A Temp N/A
 PUE: N/A OTHER: N/A

8. Improvements Lt. of R/W	Improvements to be Acquired	Improvements Rt. of R/W
None	1 SFD w/Attached Garage	None
	Detached Single Car Garage/Workshop	
	Driveway/Fencing/Landscaping	

9. Rights and Interests to be Appraised: **Unencumbered Fee Simple Interest**
 (Subject to Existing Easements and Restrictions as Affected by Highway Acquisition.)

10. Estimated "MARKET VALUE" of Property Immediately Before:

Land \$ 37,500
 Improvements \$ 231,000
TOTAL \$ 268,500

11. Estimated "MARKET VALUE" of Property Immediately After:

Land \$ 100
 Improvements \$ 0
TOTAL \$ 100

12. "DIFFERENCE" Between Before and After Value (If Benefited, Type "BENEFITS") \$ 268,400

History of Residue Disposal by NCDOT & H.B. 501

- In North Carolina, prior to the passage of H.B. 501 (June 30, 2017, effective October 1, 2017), disposal of residue properties was traditionally governed by statutory and regulatory parameters (G.S. § 136-19.7; NCAC 19A.0143 (repealed) and NCAC 19A.0144 (repealed), along with internal DOT policies and procedures set forth in the ROW Manual providing for the public sale of residue properties, with certain exceptions to public sale consistent with state and federal law as to exceptions (i.e.: exchange on same project for displacees, transfer to other public entities, etc.).
- Upon the passage by the General Assembly of H.B. 501 in 2017, the legislature mandated DOT dispose of residue property “as expeditiously as possible,” along with inclusion of traditional exceptions to disposal mandates.

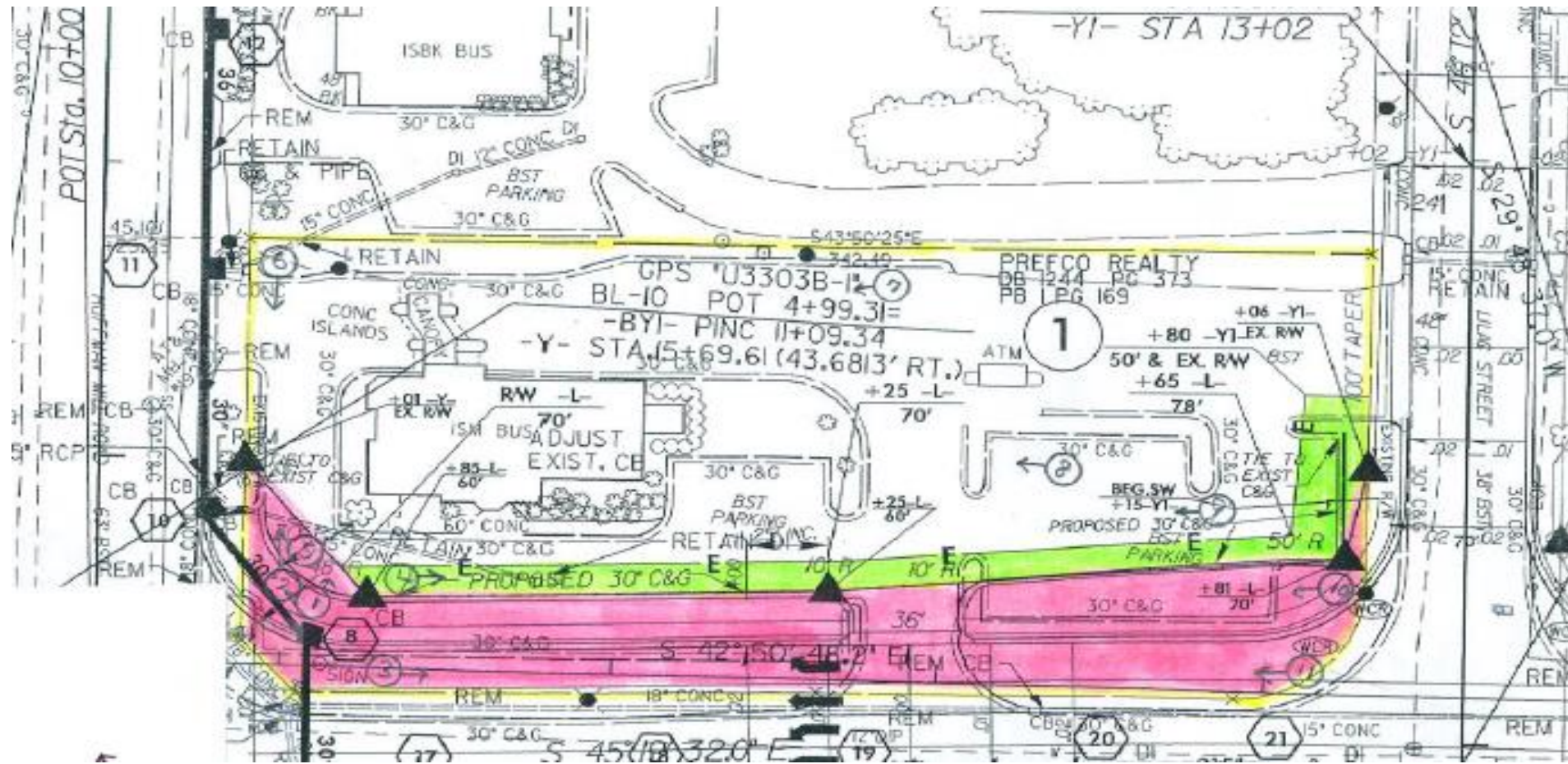
H.B. 501 (cont.)

- This proactive disposal process includes classification of properties based on developability, viable purchasers, physical characteristics of the property, and access upon completion of the project as:
 - **Class A** (property of sufficient size and with sufficient access to allow commercial or residential development);
 - **Class B** (property that enhances the value to adjacent property owners by allowing more extensive use when joined thereto);
 - **Class C** (property that, due to size or access, is only of value to adjacent property owners, or that is of minimal or no value);
 - or **Class D** (property that has not yet been classified or may be needed by the DOT for future use).

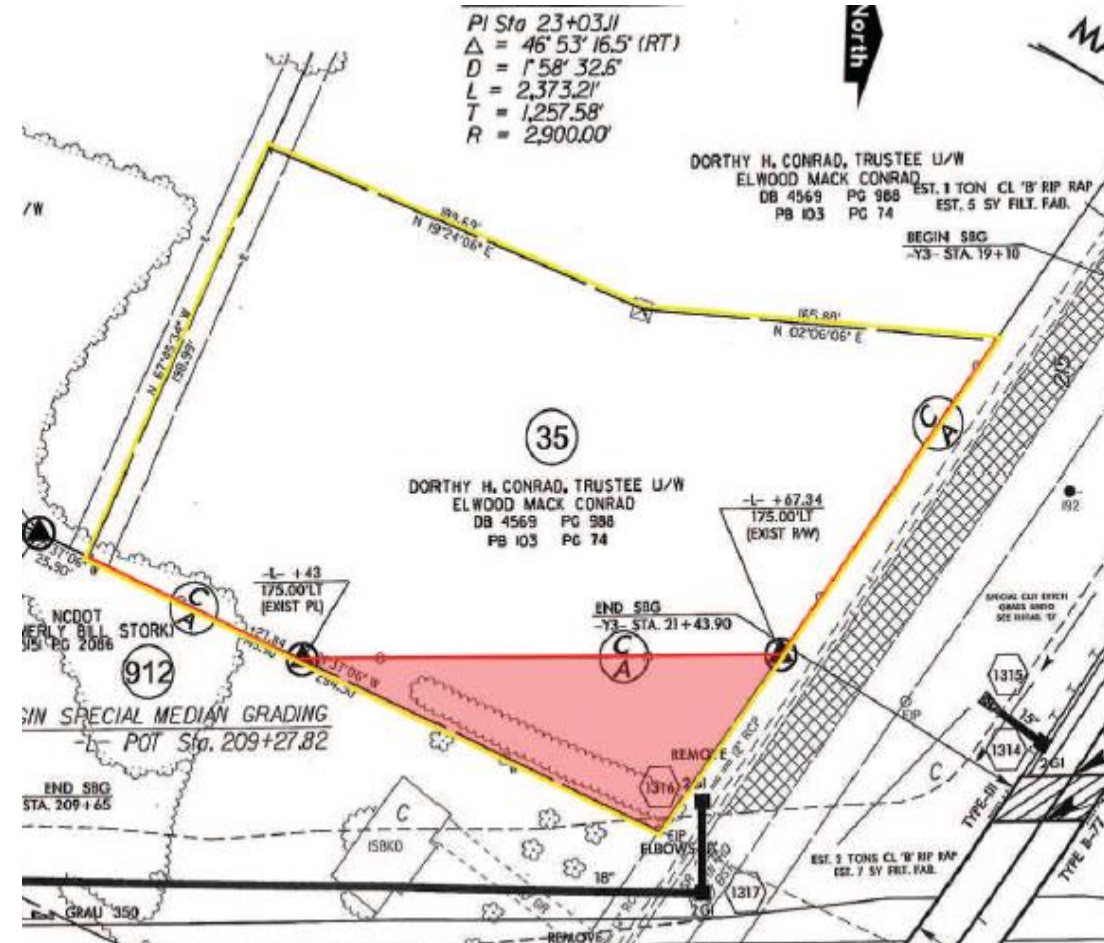
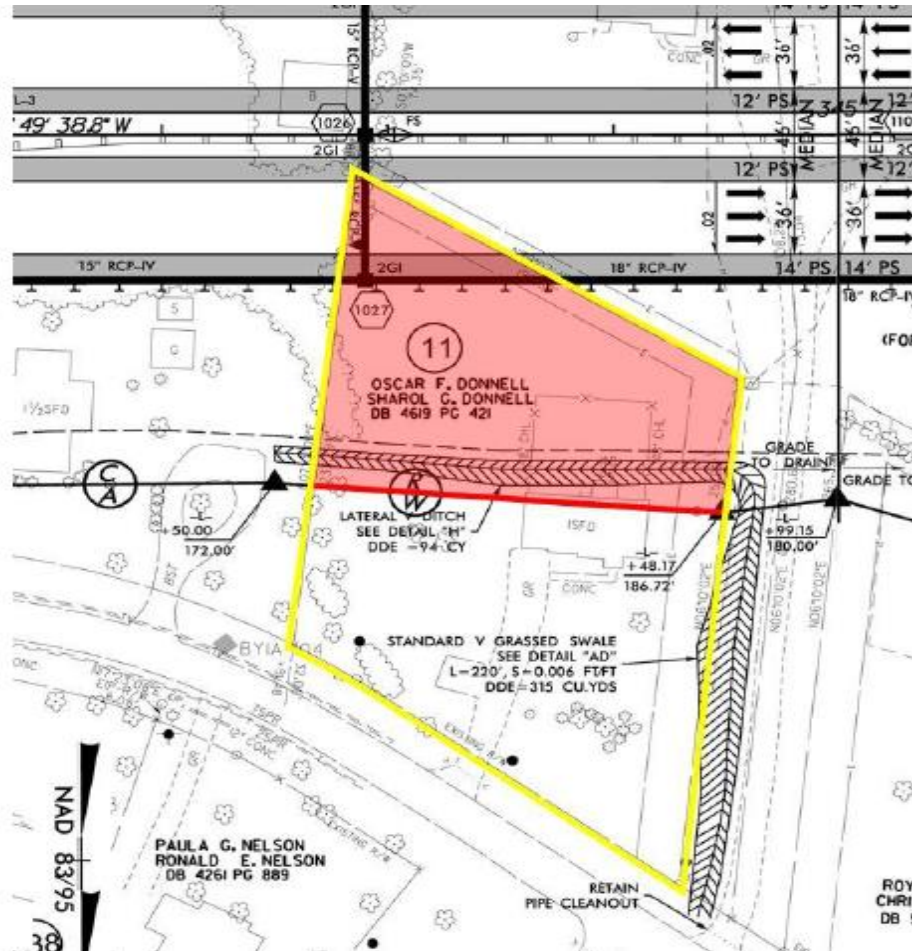
H.B. 501 (cont.)

- H.B. 501 also mandated a “Pilot Program to Reduce Inventory of DOT Residue Property,” which required:
 - Selection of three (3) real estate brokers and three (3) real estate auctioneers (or auction firms) to dispose of a representative sample of residue properties, to consist of:
 - At least 15 Class A properties;
 - 30 Class B properties; and
 - 45 Class C properties.
 - The Pilot Program must run in two (2) phases of 180 days, with room for flexibility in the class of properties offered in each phase by DOT based on residue availability.
- Specific requirements for methods of disposition of each class of property are detailed with mandatory legislative reporting deadlines to the Joint Legislative Transportation Oversight Committee on the results of each Pilot Program period.

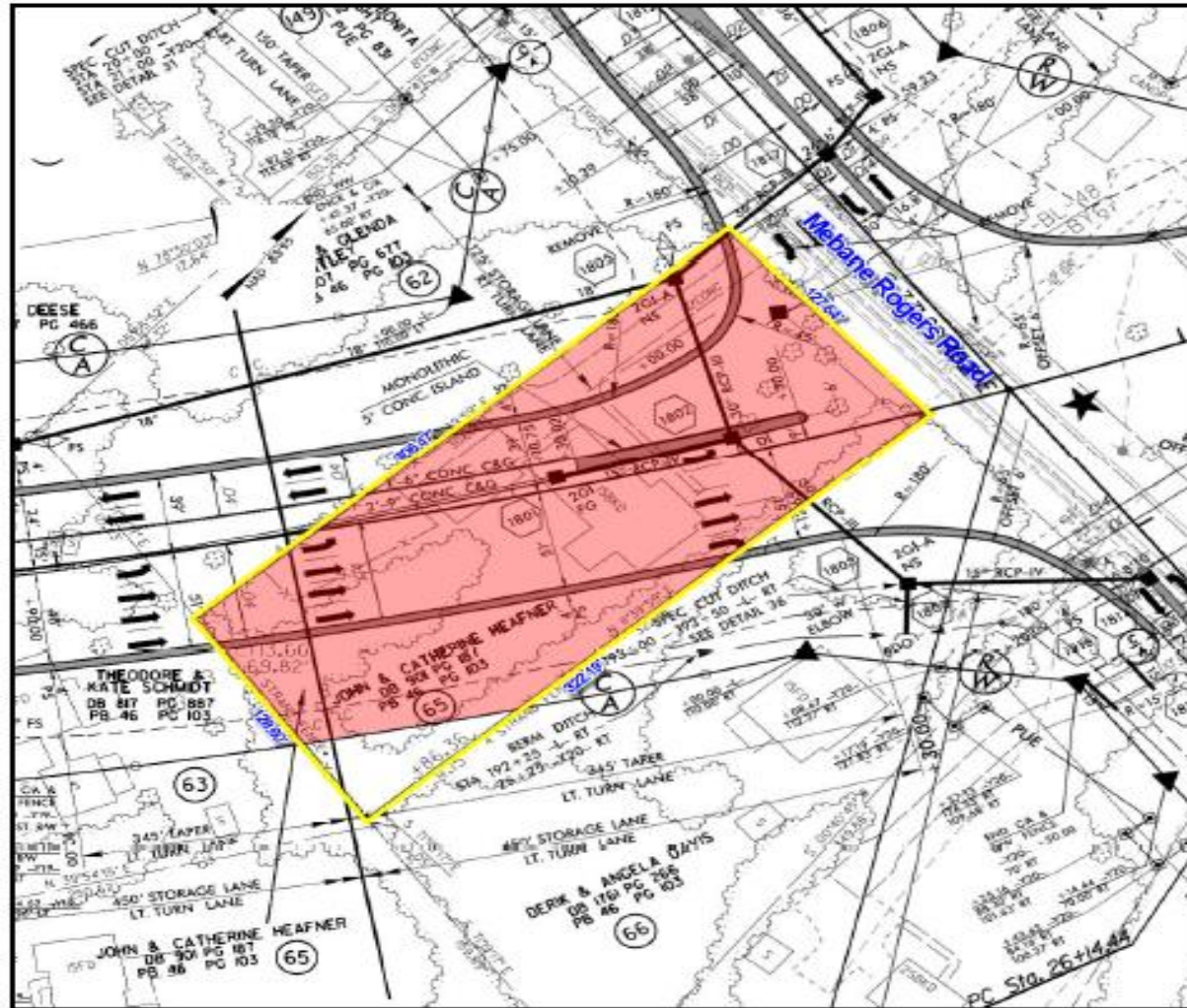
Residue Class "A"



Residue Class “B”



Residue Class “C”



Pilot Program I

General Information:

- Commenced 1/22/18; ended 7/22/18
- A total of 4 realtor/auctioneers were selected to offer listings in 5 counties (Catawba, Guilford, Mecklenburg, Wake & Wayne), which were selected from eight (8) total LOIs submitted to DOT.

Totals:

- 106 total parcels were offered for sale/auction, totaling 245.471 acres.
- The total appraised/established value for all offered residues was \$1,114,262.50.
- Total costs:
 - Appraisals = \$55,850.00 (\$30,000.00 for properties sold; \$25,800.00 for unsold properties)
 - Surveys = \$14,570.00 (\$8,167.00 for properties sold; \$6,403.00 for unsold properties)
 - Commissions: \$122,500.23

Pilot Program I (cont.)

Sold Properties:

- 57 properties offered sold, totaling 169.74 acres (60% of total acres offered).
- Breakdown by Class:

Class A:	13	Class B:	26	Class C:	18
----------	----	----------	----	----------	----
- Total Value of Sold Residues: \$845,972.77

Class A:	\$602,007.90	Class B:	\$167,454.87	Class C:	\$75,610.00
----------	--------------	----------	--------------	----------	-------------
- Total Accepted Offers for Sales: \$995,790.00

Class A:	\$708,687.00	Class B:	\$196,831.45	Class C:	\$90,271.55
----------	--------------	----------	--------------	----------	-------------
- Total Costs for Sold Residues:

Appraisals:	\$30,000.00				
Class A:	\$28,500.00	Class B:	\$0.00	Class C:	\$1,500.00
Survey:	\$8,167.00 (all Class A)				
Commission:	\$110,600.23				
Class A:	\$70,012.10	Class B:	\$29,376.58	Class C:	\$13,161.55

Pilot Program I – Sales analysis

- Gross sales \$995,790.00 (117% over appraised values)
- Total fees \$148,767.23 (15% of gross sales)
- Net total sales \$847,022.77

- Average sale price per class:
 - A = \$54,514.38
 - B = \$7,570.44
 - C = \$5,015.09

- Commission fees per class:
 - A = 10%
 - B = 15%
 - C = 15%

Pilot Program II

General Information:

- Commenced 08/29/18; ended 02/28/19
- A total of 6 realtor/auctioneers were selected to offer listings in 17 counties (Alamance, Alexander, Beaufort, Cabarrus, Cumberland, Edgecombe, Guilford, Iredell, Johnston, Mecklenburg, Nash, Pamlico, Randolph, Rockingham, Stanley, Wayne & Wilson), which were selected from eight (8) total LOIs submitted to DOT.

Totals:

- 111 total parcels were offered for sale/auction, totaling 98.703 acres.
- The total appraised/established value for all offered residues was \$687,309.00
- Total costs:
 - Appraisals = \$41,000.00 (\$20,000.00 for properties sold; \$21,000.00 for unsold properties)
 - Surveys = \$52,616.00 (\$26,597.00 for properties sold; \$26,019.00 for unsold properties)
 - Commissions: \$67,805.72 (all sold)

Pilot Program II (cont.)

Sold Properties:

- 54 properties offered sold, totaling 67.498 acres (68% of total acres offered).
- Breakdown by Class:

Class A:	9	Class B:	20	Class C:	25
----------	---	----------	----	----------	----
- Total Value of Sold Residues: \$365,857.00

Class A:	\$296,000.00	Class B:	\$47,515.50	Class C:	\$22,341.50
----------	--------------	----------	-------------	----------	-------------
- Total Accepted Offers for Sales: \$343,670.83

Class A:	\$259,500.00	Class B:	\$61,406.00	Class C:	\$22,764.83
----------	--------------	----------	-------------	----------	-------------
- Total Costs for Sold Residues:

Appraisals:	\$20,000.00				
Class A:	\$16,000.00	Class B:	\$2,000.00	Class C:	\$2,000.00
Survey:	\$26,957.00 (\$26,019.00 for unsold properties)				
Commission:	\$67,805.72				
Class A:	\$25,240.00	Class B:	\$23,182.00	Class C:	\$19,383.72

Pilot Program II – Sales analysis

- Gross sales \$343,670.83 (94% of appraised values)
- Total fees \$140,781.72 (41% of gross sales)
- Net total sales \$202,889.01

- Average sale price per residue:
 - A = \$28,833.33
 - B = \$3,070.30
 - C = \$910.60

- Commission fees per class:
 - A = 10%
 - B = 38%
 - C = 85%

Accelerated Residue Disposal Project Phase

- As DOT continues to implement the requirements for residue disposal set forth in H.B. 501, ROW personnel have identified the following objectives to implement to improve the residue disposal program. These include, but are not limited to:
 - Development and implementation of data tracking system to provide real-time information by class and county regarding the classification, status, size, value, and offers for residue parcels; profits and expenses; and other data relevant to the status of the project.
 - Increased project visibility through advertising to increase broker/auctioneer interest in participation in the program, along with improvements to advertising methods to expedite residue disposals and increase profits.

2020 Results of Accelerated Residue Project Sales

Total # Residues Assigned for Sale	Total # Sold/Optioned Residues	Value of Sold/Optioned Residues	Gross Total Sales	Sold/Optioned Fees*	Unsold Property fees**	Net Sales
1318	798	\$4,014,874.50	\$5,218,850.65	\$1,080,967.09	\$316,324.80	\$3,821,558.76
	(61% of total assigned residues)		(23% average above value)	(20% of gross total sales)	(6% of gross total sales)	(95% of value of sold/optioned residues)
	* Includes appraisal, realtor and survey fees	** Includes appraisal and survey fees				

2020 Accelerated Program Project Fees

Project Residues - Fees by Availability					
Primary	Sold	Optioned	Outstanding (Anticipated Remaining Cost)	Total	% Fees of Gross Sales
Project Fees	\$627,929.17	\$453,037.92	\$316,324.80	\$1,397,291.89	27%
Appraisal Cost	\$33,350.00	\$71,565.00	\$61,500.00	\$166,415.00	3%
Survey Cost	\$48,470.87	\$119,547.71	\$254,824.80	\$422,843.38	8%
Commission Fee	\$546,108.30	\$261,925.21	\$0.00	\$808,033.51	15%
Auctioneer Fee	\$0.00	\$0.00	\$0.00	\$0.00	0%

2020 Accelerated Program Project Fees

Project Residues - Fees by Class Sold					
Primary	Class A	Class B	Class C	Total	% Fees of Gross Sales
Project Fees	\$54,274.66	\$453,732.21	\$119,922.30	\$627,929.17	12.03%
Appraisal Cost	\$9,850.00	\$23,500.00	\$0.00	\$33,350.00	
Survey Cost	\$25,474.66	\$22,996.21	\$0.00	\$48,470.87	
Commission Fee	\$18,950.00	\$407,236.00	\$119,922.30	\$546,108.30	
Auctioneer Fee	\$0.00	\$0.00	\$0.00	\$0.00	

Project Residues - Fees by Class Optioned					
Primary	Class A	Class B	Class C	Total	% Fees of Gross Sales
Project Fees	\$356,551.59	\$81,211.33	\$15,275.00	\$453,037.92	8.68%
Appraisal Cost	\$68,550.00	\$3,015.00	\$0.00	\$71,565.00	
Survey Cost	\$105,926.38	\$13,621.33	\$0.00	\$119,547.71	
Commission Fee	\$182,075.21	\$64,575.00	\$15,275.00	\$261,925.21	
Auctioneer Fee	\$0.00	\$0.00	\$0.00	\$0.00	

Auction vs. Realtor Metrics

Project Residue Counts

Total Realtor Residues:

873

Sold: 350

Optioned: 120

Unsold: 401

Total Auctioneer Residues:

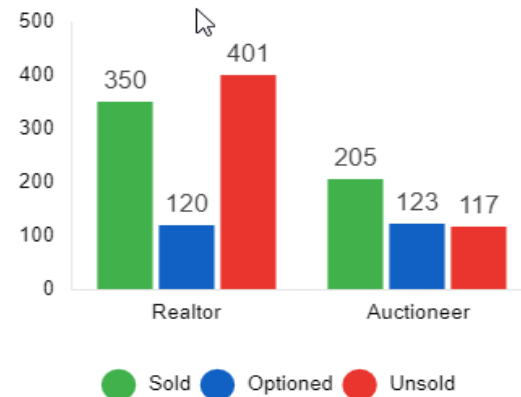
445

Sold: 205

Optioned: 123

Unsold: 117

Project Residues Sold/Unsold



Realtor Residues – Gross Totals

Gross Sales:
\$1,587,060.00

Gross Optioned:
\$2,357,929.10

Realtor Residues – Net Totals

Net Sales:
\$987,895.04

Net Optioned:
\$1,957,295.38

Auctioneer Residues – Gross Totals

Gross Sales:
\$635,184.55

Gross Optioned:
\$638,677.00

Auctioneer Residues – Net Totals

Net Sales:
\$606,420.34

Net Optioned:
\$586,272.79

	% Sold or Optioned of total assigned residues	% Sales price above asking	% Optioned price above asking	% Commission Fees of Gross Total Sales/ Optioned Sales
Realtor	54%	22%	15%	15% (\$808,033.51)
Auctioneer	74%	162%	54%	0%

Auction v. Realtor Fees

Residues Reports - Realtor Fees					
Primary	Sold	Optioned	Outstanding (Anticipated Remaining Cost)	Total	% Fees of Gross Sales
Realtor Fees	\$599,164.96	\$400,633.71	\$214,641.06	\$1,214,439.73	23%
Appraisal Cost	\$28,400.00	\$58,165.00	\$46,000.00	\$132,565.00	3%
Survey Cost	\$24,656.66	\$80,543.50	\$168,641.06	\$273,841.22	5%
Commission Fee	\$546,108.30	\$261,925.21	\$0.00	\$808,033.51	15%
Auctioneer Fee	\$0.00	\$0.00	\$0.00	\$0.00	0%

Residues Reports - Auctioneer Fees					
Primary	Sold	Optioned	Outstanding (Anticipated Remaining Cost)	Total	% Fees of Gross Sales
Project Fees	\$28,764.21	\$13,400.00	\$140,687.95	\$182,852.16	14%
Appraisal Cost	\$4,950.00	\$13,400.00	\$15,500.00	\$33,850.00	3%
Survey Cost	\$23,814.21	\$39,004.21	\$86,183.74	\$149,002.16	12%
Commission Fee	\$0.00	\$0.00	\$0.00	\$0.00	0%
Auctioneer Fee	\$0.00	\$0.00	\$0.00	\$0.00	0%

All Programs Sales Metrics

	Gross Sales	% Above Asking	Total Fees (sold)	Net Total Sales	Avg A price	Avg B Price	Avg C Price
Pilot Program I	\$995,790	117%	\$148,767.23	\$847,022.77	\$54,514.38	\$7,570.44	\$5,015.09
Pilot Program II	\$343,670.83	94%	\$140,781.72	\$202,889.01	\$28,833.33	\$3,070.30	\$910.60
Accelerated Program	\$5,218,850.65	23%	\$1,080,967.09	\$3,821,558.76	\$11,520.75	\$6,351.16	\$945.22

Summary

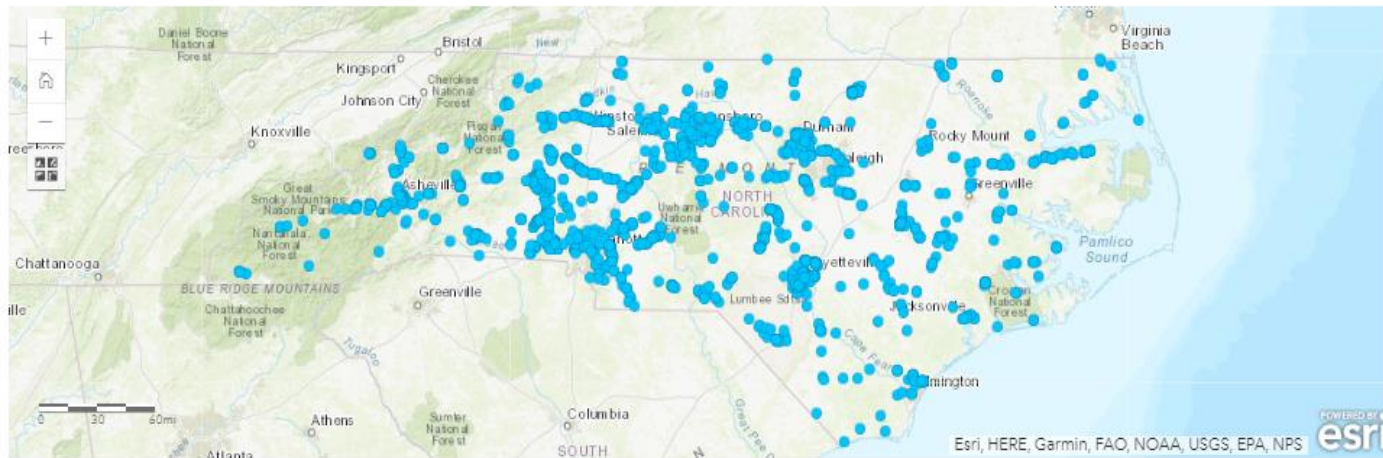
- The Legislative Accelerated Residue Sale Program for 2020 is expiring. The Department has begun the Legislative Residue Sale Program for 2021. Contracts for realtor and auctioneer services have been approved by the BOT
- Use of Realtors/ Auction Houses:
 - Helps alleviate burden of disposal from the Department where resources are scarce
 - Creates a partnership with private firms whose expertise in property disposal expedite sales
 - Increases market exposure through private enterprise for our residues
- Disposal of residues of any class:
 - Alleviates the Department from further maintenance of unnecessary land for highway projects
 - Creates sales revenue for the Department
 - Restores property back into private hands for future development
 - Creates an increased tax based for the respective county

DOT Residue: ArcGIS Website



Home » About Us » How We Operate » Do Business With Us » Right of Way Remnant Property

Right of Way Remnant Property



Showing 1 to 25 of 1,657 entries

ID	Contact	County	Class	Acres	Map
1	Division 05	Vance	C	0.14	Map
2	Division 05	Vance	B	0.46	Map
3	Division 05	Vance	B	2.11	Map
4	Division 05	Vance	B		Map
51	Division 06	Columbus	A	0.86	Map
52	Division 06	Columbus	A	0.12	Map
68	Division 06	Cumberland	A	0.83	Map
95	Division 06	Robeson	A	2.05	Map
169	Division 11	Ashe	A	17.094	Map
211	Division 01	Tyrrell	B	5.57	Map
426	Division 06	Cumberland	B	0.14	Map
465	Division 06	Robeson	B	0.42	Map
468	Division 06	Robeson	B	45.8	Map
593	Division 09	Davidson	A	1.367	Map
596	Division 09	Davidson	B	0.195	Map
663	Division 10	Cabarrus	B	0.853	Map
889	Division 10	Union	B	1.085	Map
892	Division 10	Union	C	0.044	Map
895	Division 10	Union	B	1.2	Map
1036	Division 12	Gaston	A	6.99	Map
1045	Division 12	Iredell	A	0.48	Map

QUESTIONS?





MULTI-MODAL TRANSPORTATION COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION MARCH 3, 2021

TIME: 10:30 AM

Members of the Board will participate in the meeting via Microsoft Teams.
Members of the public may view the meeting by clicking on the following link:
<https://livestream.com/nc-dot>

TOPIC	PRESENTER	TIME
Welcome Call to Order Roll Call Declaration of Quorum Approval of January 6, 2021 Meeting Minutes	Chairman Allen Moran	5 Mins
Opening Remarks	Chairman Allen Moran	5 Mins
Funding Items	Multi-Modal Directors	5 Mins
Multi-Modal Updates	Julie White Deputy Secretary for Multi-Modal Transportation	5 Mins
The Future of Rail in North Carolina	Jason Orthner Rail Division Director	25 Mins
Adjourn	Chairman Allen Moran	5 Mins



NORTH CAROLINA

Department of Transportation



The Future of Rail in North Carolina

Jason Orthner, P.E.
Rail Division Director

March 3, 2021

Presentation Outline

Rail Federal Grants and Economic Development

Southeast Corridor Initiative and Commission

Passenger Rail Development and Projects

Freight Rail Projects and Initiatives

Rail Safety Initiatives

State Rail Plan Update

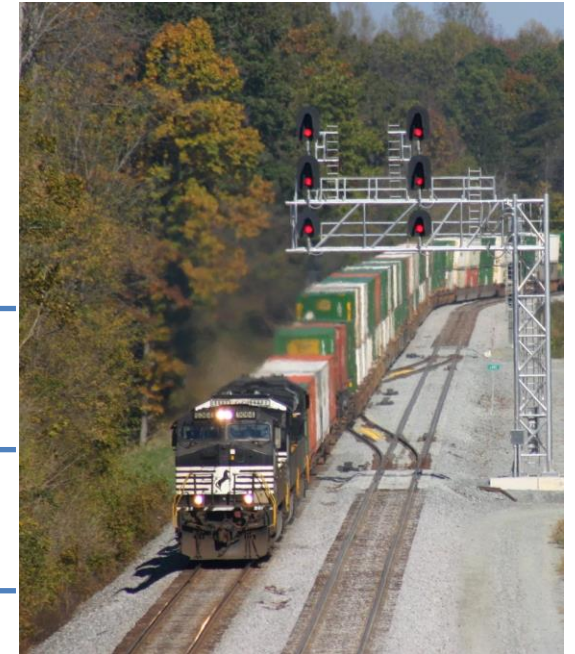


Photo: Adam Schultz

Rail Division Mission



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

Using Rail to Spark Economic Development

Passenger rail connects urban and rural centers

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

Freight rail moves large quantities of goods efficiently over distances

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



Rail Funding and Federal Grants

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



\$270M

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



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

Southeast Corridor Commission

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

Commission and Executive Leadership:

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

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

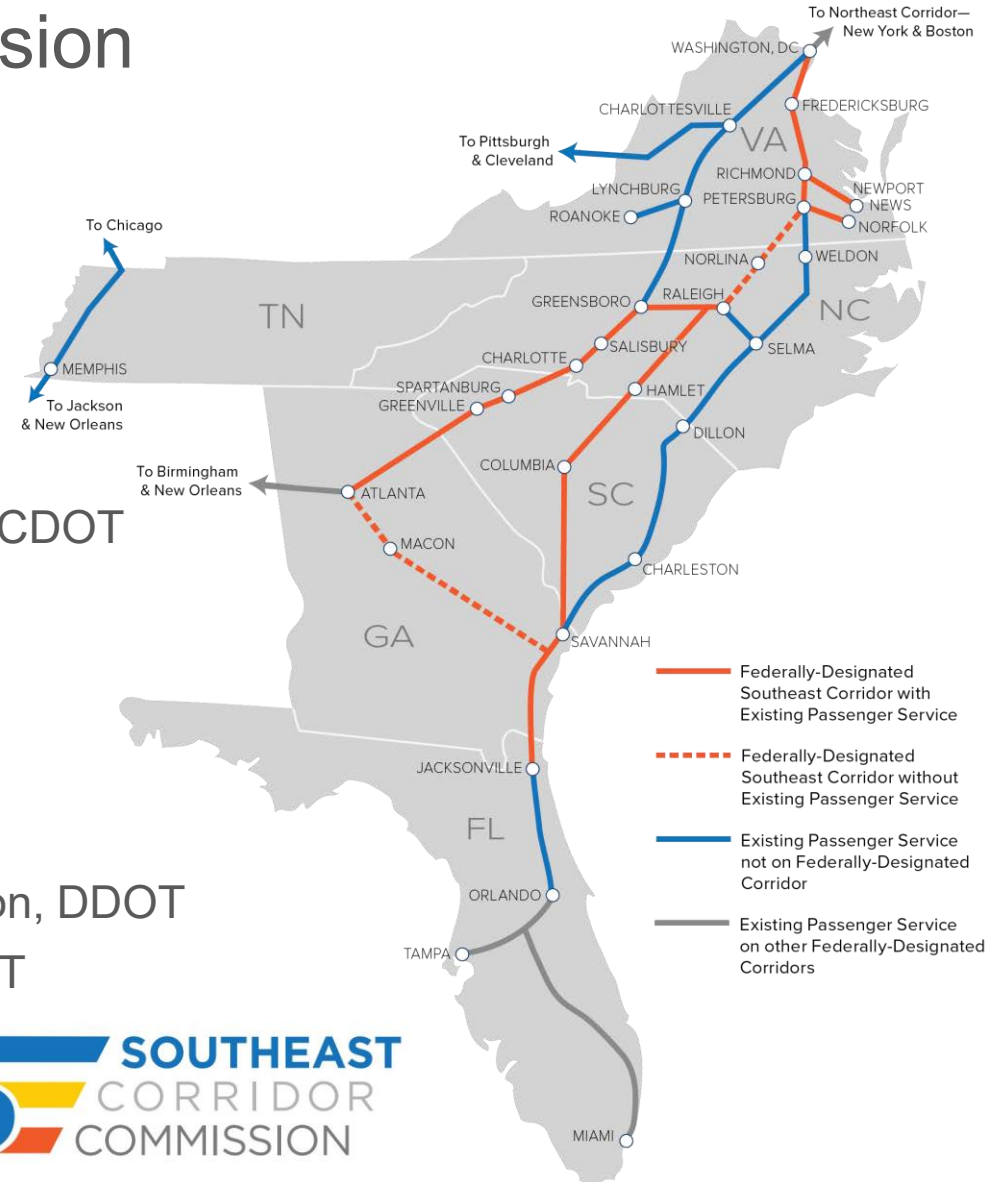
GA: Meg Pirkle, Chief Engineer, GDOT
SEC Commission Secretary

DC: Jeffrey Bennett, Assoc. Director, Transit Delivery Division, DDOT

SC: Brent Rewis, Dep. Sec. for Intermodal Planning, SCDOT

FL: Kevin Thibault, Secretary, FDOT

TN: Clay Bright, Commissioner, TDOT



Southeast Corridor: S-Line Development

\$47.5M

Rail received grant to
purchase
S-Line Right-of-Way

- VA in process of acquiring Petersburg south
- NC in process of acquiring Ridgeway south
- Service development plan in process
- Closely coordinating with communities along the line for development opportunities

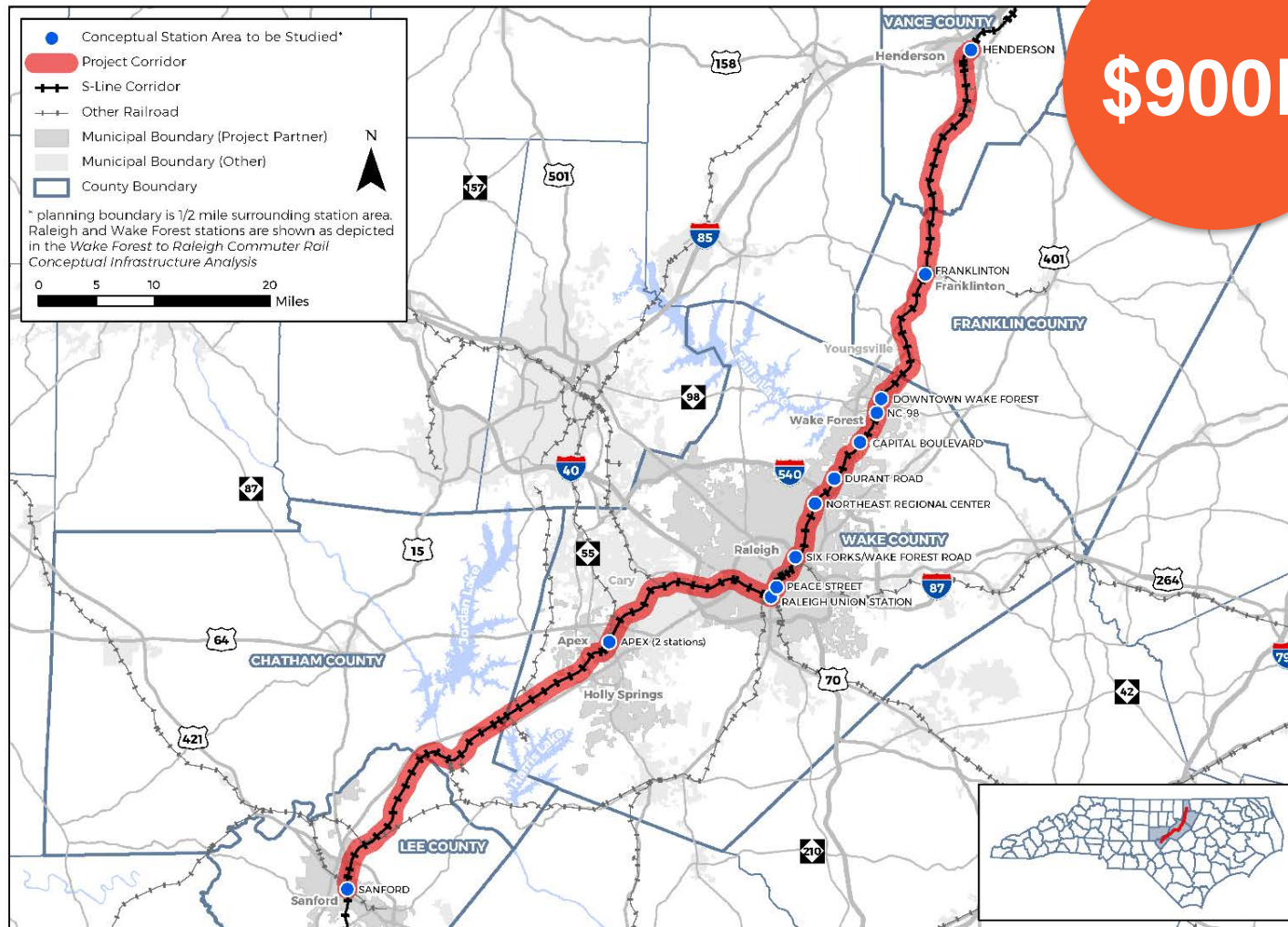


FTA TOD Planning Grant for the S-Line

Connecting Rural and Urban Triangle Communities Through Equitable Transit Oriented Development

Greater Research Triangle Region, North Carolina

Raleigh and Wake Forest study areas are shown as depicted in the *Wake Forest to Raleigh Commuter Rail Conceptual Infrastructure Analysis*



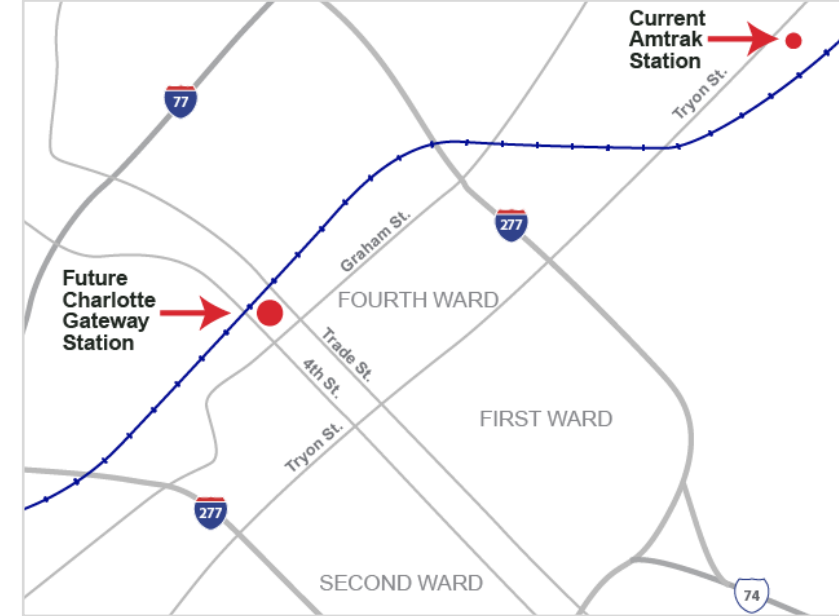
\$900K

- Opportunity for value capture in rural and urban areas
- 13 potential station study locations for TOD planning
- Community partners providing **100% of the non-federal match: \$370K**
 - Henderson: \$30K
 - Franklinton: \$30K
 - Wake Forest: \$90K
 - Raleigh: \$150K
 - Apex: \$40K
 - Sanford: \$30K

Charlotte Gateway Station

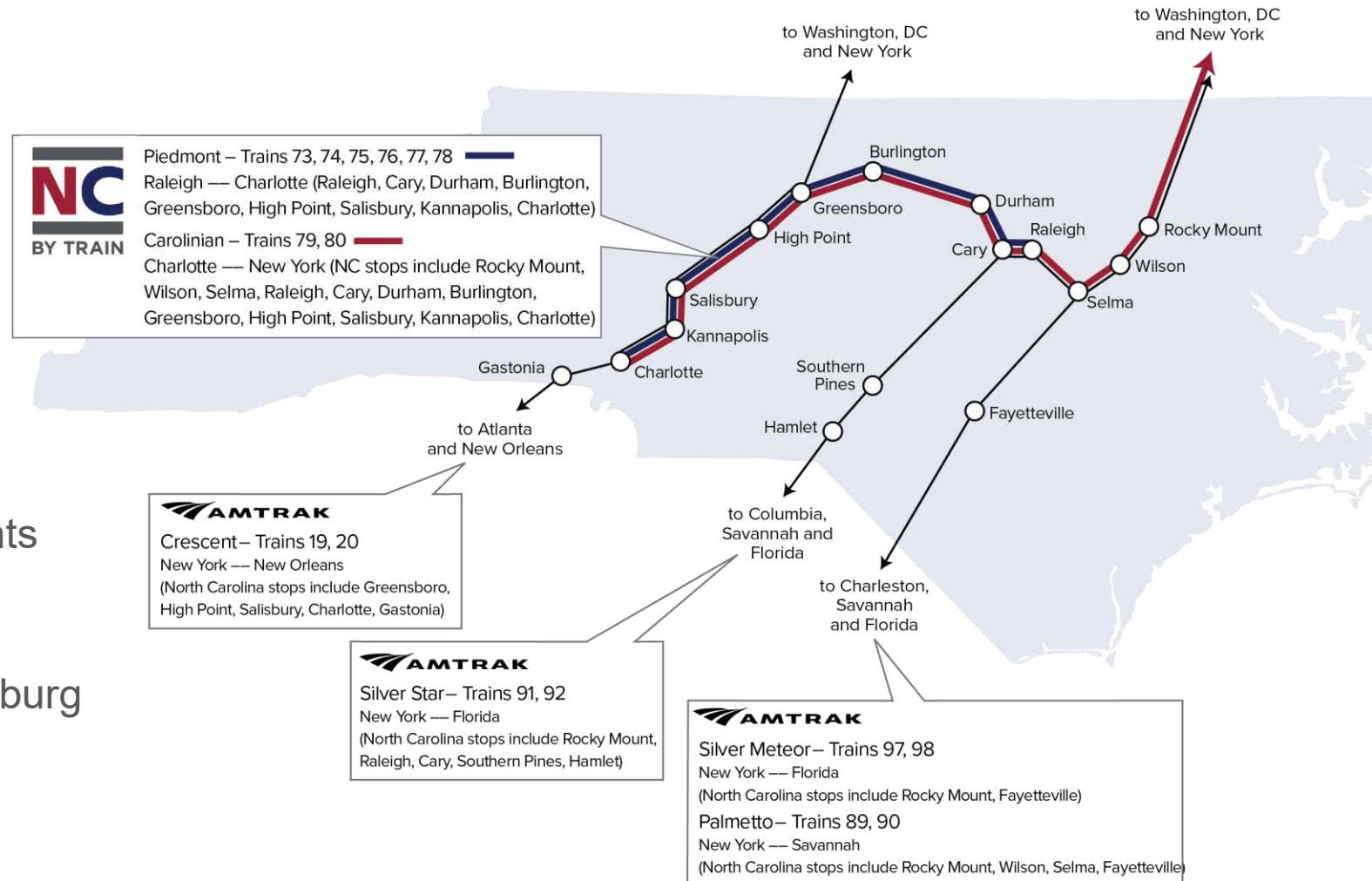
A Game-changing Project for the Region

- **Phase 1** supported through 2017 TIGER grant, STI, local funds and other federal funding
 - Phase 1 led by Rail Division; target completion: 2023
 - Includes all railroad infrastructure and platforms
- **Phase 2** Station and Multi-use Development
 - City leading with Gateway Partners LLC and NCDOT

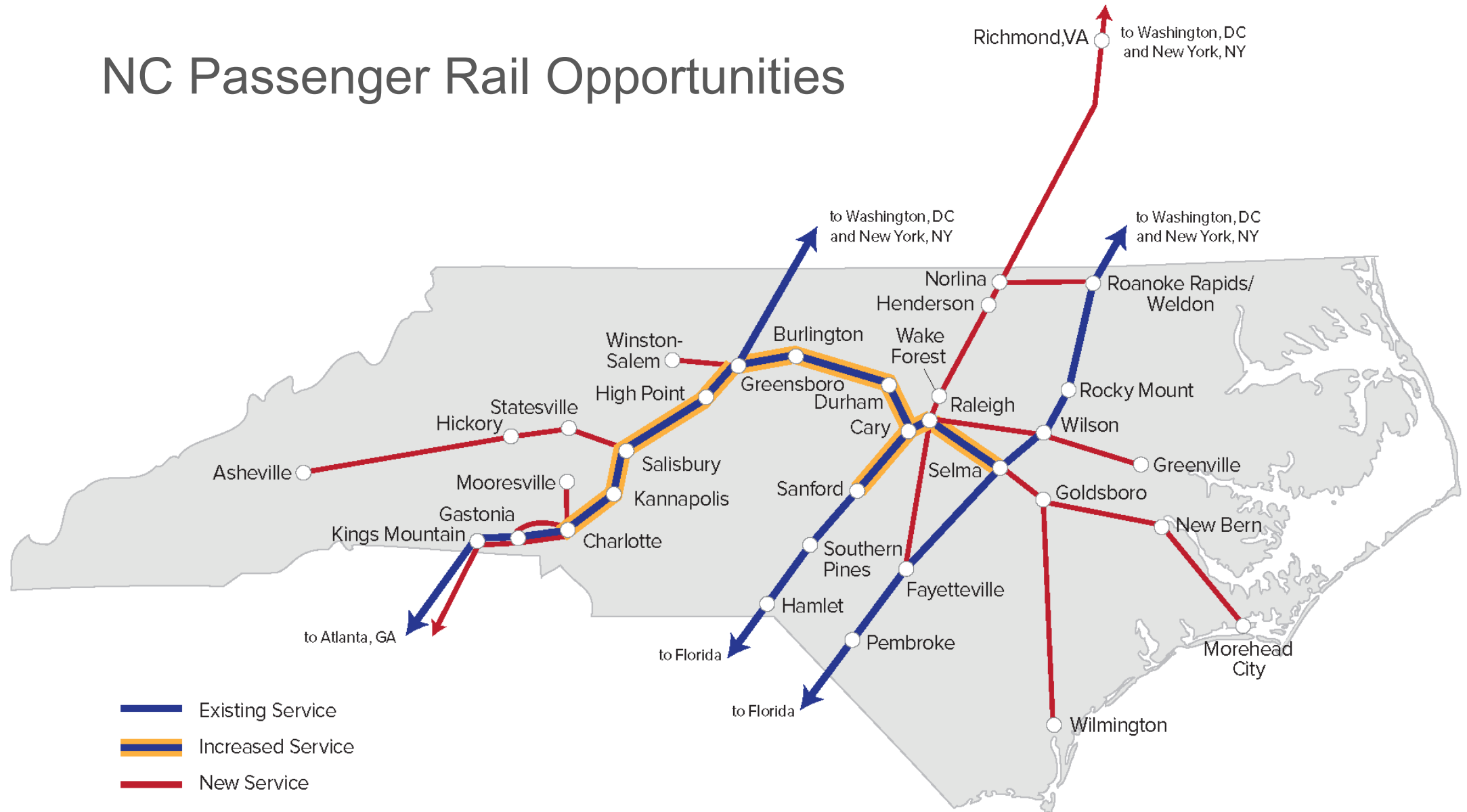


Piedmont Corridor Service Enhancements

- 4th *Piedmont* round trip with Charlotte Station opening, anticipated 2024
- Evaluating commute-convenient departures
- Studying Greensboro to Cary improvements for 5th *Piedmont* round trip allowed under agreements with railroads
- Stations under development at Hillsborough, Lexington and Harrisburg



NC Passenger Rail Opportunities



Rail Division at the Forefront of COVID Response

- Enhanced cleaning and social distancing at stations and onboard, face coverings required
- *Carolinian* trains 79 and 80 have consistently had best ridership recovery nationwide during pandemic
- *Piedmont* trains 73, 74, 75 and 76 have resumed regularly-scheduled service
- Trains 77, 78 resume service on April 5
- NC train service provides essential transportation to NC's diverse population



Current Train Services

- Have returned service in accordance with ridership demand
- Capacity limited on trains to ensure social distancing
- More train frequencies allow passengers to spread out as demand returns



NC's PRIME Rail Equipment Program

\$156.8M

Total won from 2018 & 2019 FRA Grants

Will include the purchase of 6 locomotives & 26 coaches to support *Piedmont* passenger service

Rail Division putting finishing touches on RFP
to go out Summer 2021

Equipment
Examples



Benefits of New Equipment

- New equipment will allow NCDOT to benefit from industry-wide technological advancements
 - Much improved ride quality, improved air quality, touchless doors and advances in space, functionality and lighting
 - Technology at seats and information systems



Carolina Connector (CCX) Update

Rocky Mount

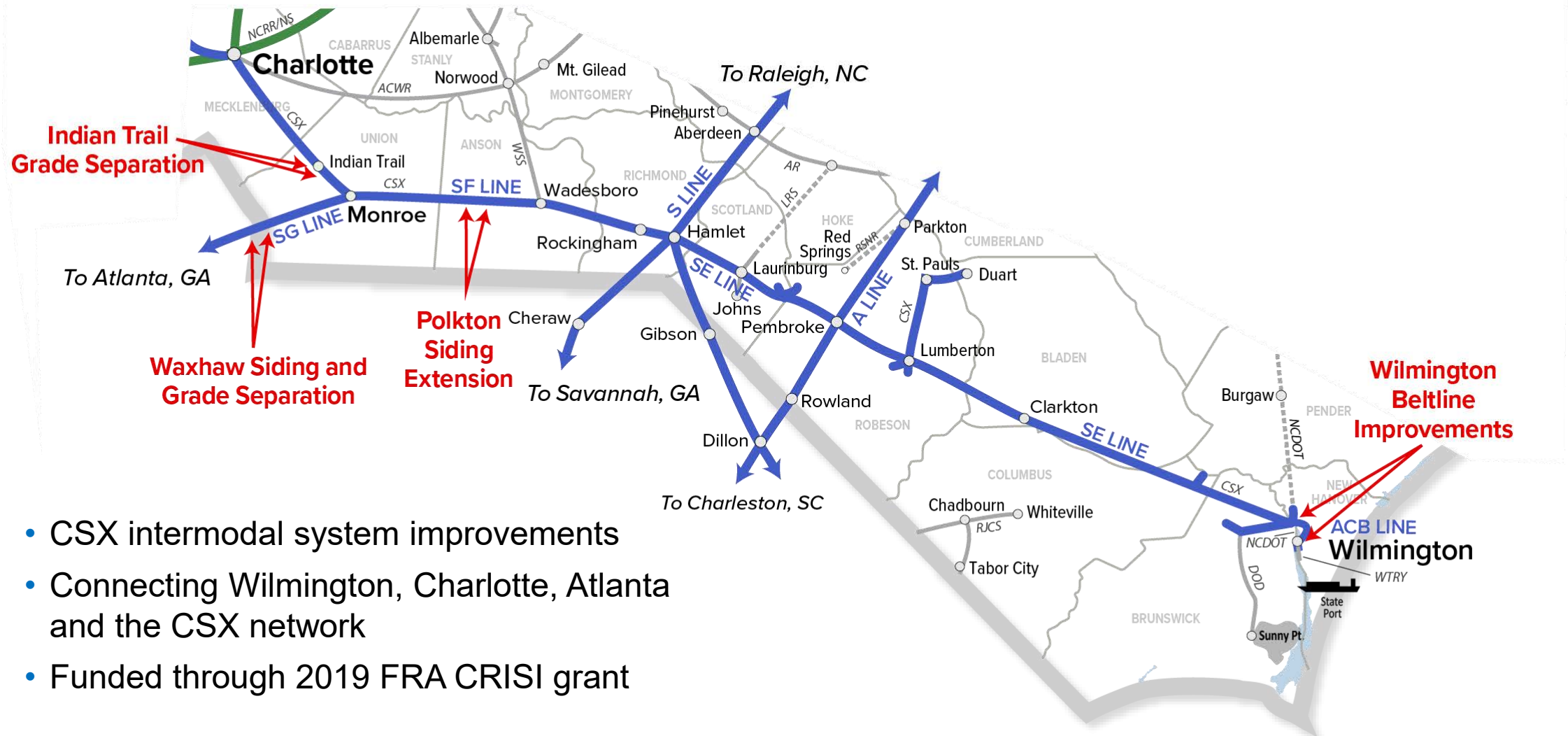
- Completion anticipated 3rd Quarter, 2021
- Last activity involves assembly and commissioning of cranes
- Opening will align with increasing intermodal volumes
- New intermodal options for Triangle and Eastern NC
- Partnering with CSX, Carolinas Gateway Partnership, NC Ports



Photo: Adam Schultz



Piedmont Atlantic Intermodal Rail System (PAIRS) Improvements



- CSX intermodal system improvements
- Connecting Wilmington, Charlotte, Atlanta and the CSX network
- Funded through 2019 FRA CRISI grant

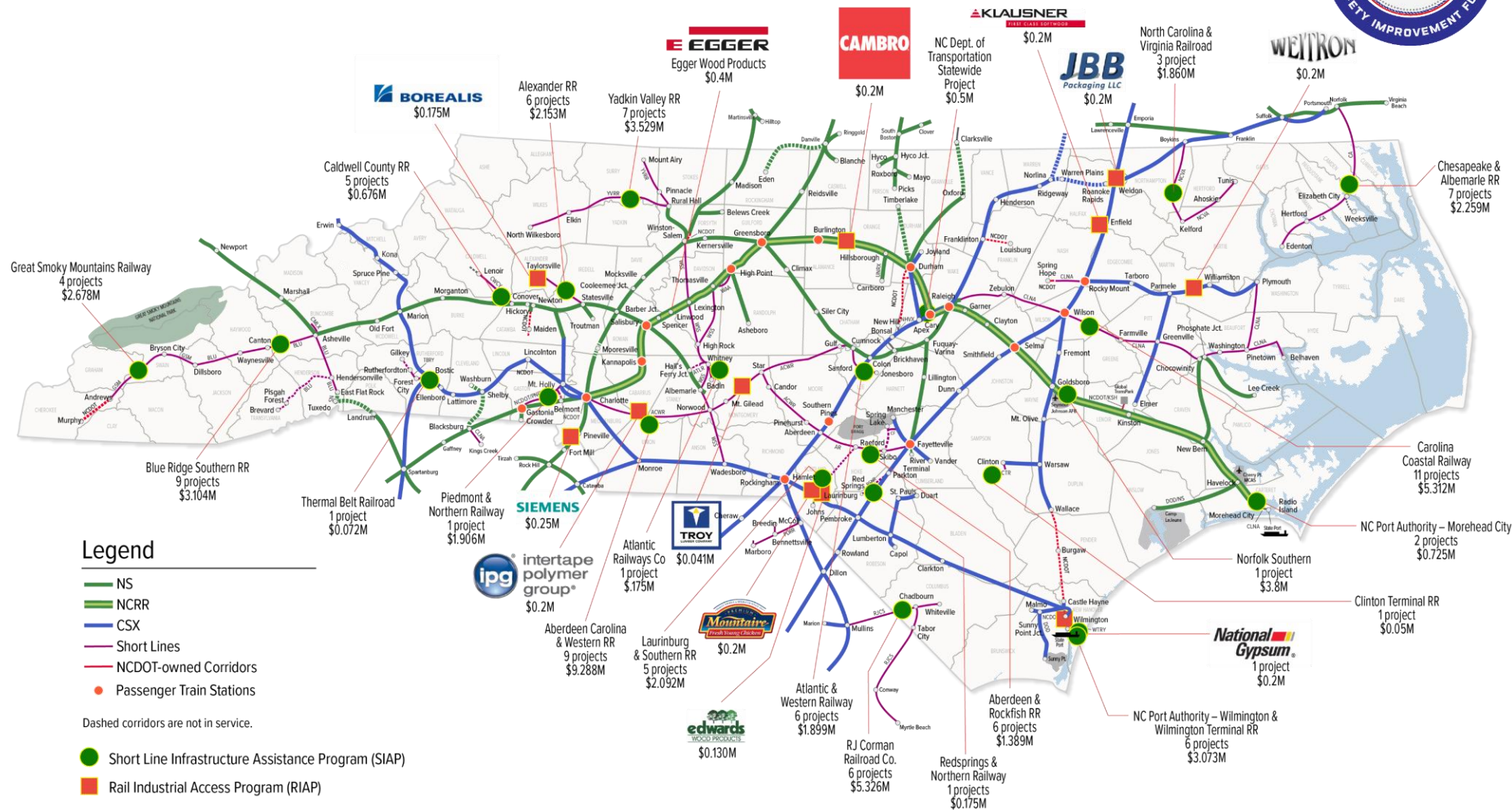


Freight Rail & Rail Crossing Safety Fund

- Private Capital Investment – **\$594.2M**
- Supported **26** new industry expansion projects
- Created over **1,231** jobs
- Supported the growth of more than **50,000** rail carloads since 2014
- Upgraded **118.5** miles of short line railroad
- Modernized **111** bridges
- Improved **1,010** railroad crossings
- Removed **13** railroad crossings
- Invested **\$5.8M** in NC Ports



FRRCSI Investment in Freight Rail – 2014-2021



Freight Rail & Rail Crossing Safety Improvement Fund



- FRRCSI supports rail infrastructure health, safety and performance
- \$16.7M in FY 2020 matching grant funds awarded to 17 short line railroads
 - Provides more than \$32M in improvements statewide
 - Ensures state's rail network can handle increased traffic and heavier railcars
- FY 2021 Project solicitation with partners underway



Caldwell
County
Railroad



Rail Division STI Project Delivery

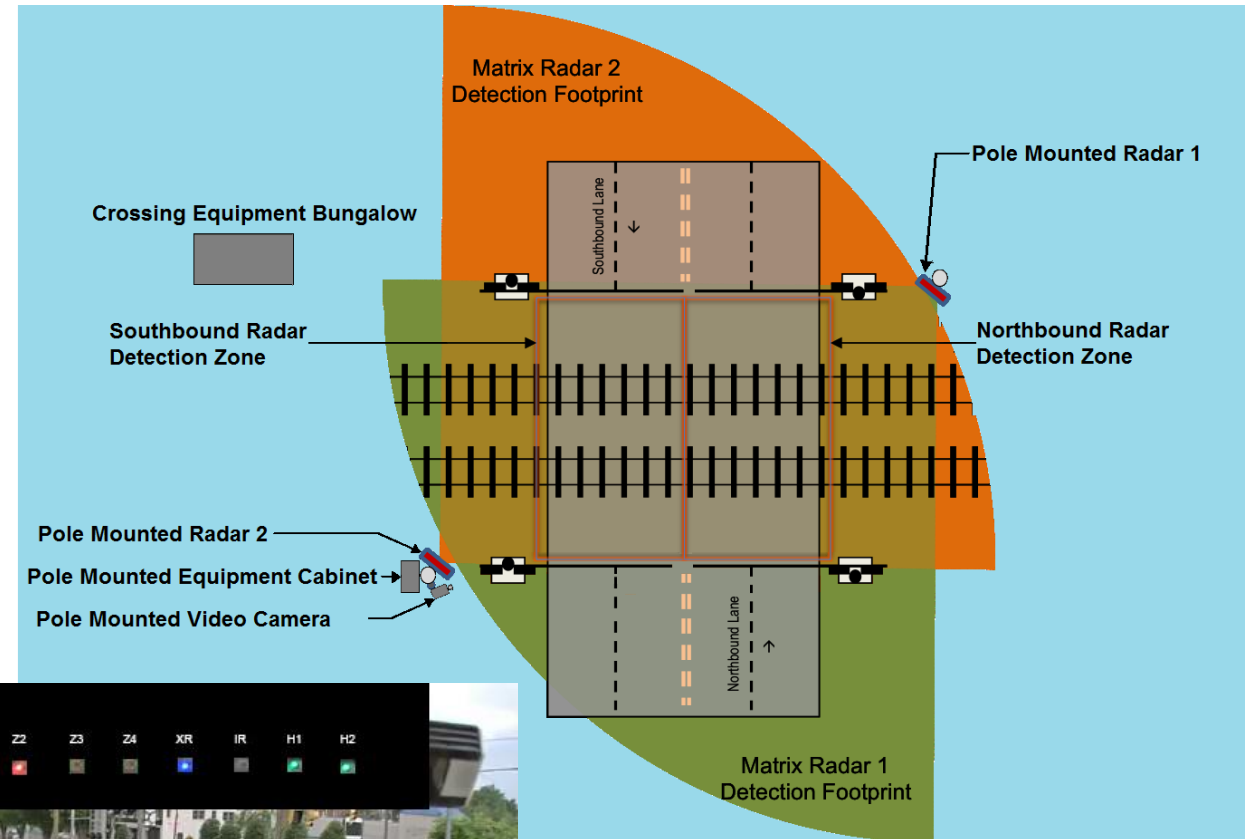
- Funded projects include:
 - Grade separations: **27 projects**
 - Terminals: **3 projects**
 - Track Improvements: **15 projects**
 - Station-related: **3 projects**
- Projects led by the Rail Division and closely coordinated with the Highway Divisions



Safety Innovations

Radar-based Vehicle Detection System

- Four-quadrant gates descend simultaneously
- Radar detects vehicles in crossing as gates descend
- Exit gates raise and lower to allow vehicle a clear path off the crossing
- Installed in Durham, Mebane, Burlington, Elon and Salisbury





Safety Innovations

Railroad Network Trespass Statewide Severity Assessment and Predictive Modeling

- Used thermal motion detection cameras
- 15,570 trespassers -- 721 days and 11 sites
- Info will used in education, supporting enforcement and providing engineering solutions to address the issue of trespassing on rail corridors



BeRailSafe continues follow-up investigations & analysis of all NC rail incidents and offers virtual and COVID-compliant rail safety training for public safety departments

Ongoing Safety initiatives

- Continuing to address safety at the state's **3,493** public crossings
- **311** crossings closed since 1993

Ongoing Projects

- **20** Public grade crossings
 - **8** Grade Separations underway
 - **2** Traffic Separation Studies underway
 - **49** Grade crossing warning device projects
- Continuing to inventory **1,200** crossings/yearly per FRA requirements



State Rail Plan Update

Defines future needs and priorities for investment in the statewide rail network

- FRA requirement
- Identifies **\$10B** in rail network needs over next **10** years
- Includes long-term projects (beyond 10 years)
- Aligns State projects with Federal funding opportunities





NORTH CAROLINA

Department of Transportation



Jason Orthner, P.E.
Rail Division Director
jorthner@ncdot.gov



ROAD/BRIDGE/FERRY NAMING COMMITTEE AGENDA

BOARD OF TRANSPORTATION MARCH 3, 2021

TIME: 9:45AM – 10:15AM

LOCATION: Via Microsoft Teams

Attendees: Michael Fox, Andy Perkins, Dirk Cody, Valerie Jordan, Hugh Overholt, Thomas Taft

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of January 6, 2021 Road/Bridge/Ferry Naming Committee Meeting Minutes	Mike Fox, Chair	9:45AM
Review of Submitted Applications	Shelly Heath	9:50AM
Officer Tyler A. Herndon Highway – NC 273 from the southern City Limits of Mount Holly near Interstate 85 north to the intersection with Morningside Drive	Shelly Heath	
Committee Discussion – New Business	Kevin Lacy	9:55AM
Upcoming Events Update	Sazia Bashar	10:10AM
Adjourn	All	10:15AM

Honorary Designation Packet

Tyler A. Herndon

ROAD, BRIDGE AND FERRY NAMING REQUEST

STAFF RECOMMENDATION

This request is to name a:

- ☒ Road
☐ Bridge
☐ Ferry

County:	Gaston
Route/Bridge/Ferry Description:	NC 273 from the southern City Limits of Mount Holly near Interstate 85 north to the intersection with Morningside Drive
Honoree's Name:	Tyler A. Herndon
Proposed Name of Road/ Bridge or Ferry:	Officer Tyler A. Herndon Highway

Recommendation of the NCDOT Staff Road, Bridge and Ferry Naming Committee:

- ☐ Approve
☒ Approve with Exception
☐ Deny

Comments:	The Mount Holly Police Department have requested an exception to the one-year waiting period and for naming a road instead of a bridge. We have received both local and legislative support for the exceptions.
-----------	---

Recommendation of the Chief Engineer:

This request has been reviewed by the Department's Road, Bridge and Ferry Naming Committee. After reviewing the Committee's recommendation, I recommend this request be:

- ☐ Approved
☐ Approved with Exception
☐ Denied

Signed by:

<small>DocuSigned by:</small> <i>Ronnie Keeter</i> <small>F03CBB5C6D2D4C6</small>	2/19/2021
(Chief Engineer)	(Date)

Road Designation Request

Document Checklist

Check each box to ensure that all of the following items are included in the road designation request

• The requesting party submits the following documentation to the NCDOT staff contact in the Chief Engineer's Office:

(X) A completed application

(X) A copy of the resolution(s) passed unanimously by the respective local board/s.

(X) A copy of the meeting minutes that state the resolution was passed unanimously and the opportunity for public input was provided.

(X) A Completed Character Certification Form.

(X) A minimum of three recommendation letters (civic, business, or service organizations)

- Mount Holly Chamber
- Mount Holly Community Development Foundation
- Rotary Club of Mount Holly

(X) Verification of family support.

(X) Written documentation that affirms the willingness of the local government or sponsor to participate financially by paying an administrative fee of \$2000 to offset costs associated with the program.

(N/A) Verification of a valorous decoration during combat operations, if the naming or designation is for a military individual.

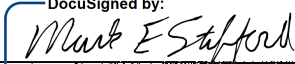
Signature of Board Member:

DocuSigned by:

0BEFCC6F437E442...
2/12/2021

Date:

Signature of Division Engineer:

DocuSigned by:

6527B14720021...
2/11/2021

Date:

Application



Road, Bridge, Ferry Naming or Designation Application

Date: 1/25/2021

Information about Yourself	
Your Name: <i>Donald Roper</i> Mailing Address: <i>PO Box 406 Mount Holly, NC 28120</i> Relationship to Honoree: <i>Department Head</i>	Phone Number: <i>704-822-2936</i> Alternate Phone Number: <i>704-827-4343</i> Email Address: <i>don.roper@mtholly.us</i>

Information about What You Want to Have Named	
Do You Wish to Name/Designate a Road, Bridge or Ferry? <i>Road</i>	
If a road or bridge, is it currently under construction? <i>In order for a road or bridge to be named in honor of an individual, that road or bridge must be already constructed, or within 3 months of its expected construction completion date. (See Section III. B. in the Honorary Designations of State Transportation Assets Policy)</i>	<i>No</i>
County: <i>Gaston</i>	Route: <i>NC273</i>
<p>Description: <i>If a road request, please include preferred section (Point A to Point B), and if a bridge request, please include what the bridge crosses. For road requests, the distance of the proposed dedication should be 5 miles or less. Law enforcement officers will be honored with bridge dedications in lieu of highways. Also indicate if you would like to name (changes addresses) or designate (honorary title) the facility – designations are most common (See Section II and III. in Policy)</i></p> <p><i>A five mile section of Highway 273 from the southern City Limits of Mount Holly near Interstate 85 north to the intersection with Morningside Drive.</i></p>	



Road, Bridge, Ferry Naming or Designation Application

Information about the Honoree (Person for whom the Road, Bridge or Ferry Naming or Designation Request is being made)

Honoree's Name: *Tyler A. Herndon*

1. If approved, what is the preferred name you would like to have on the sign?

Names can include one title, one given name and initial, a surname, and a suffix. (See Section II. B. in Policy) "Memorial" is no longer included on signs.

Officer Tyler A. Herndon

2. Is the honoree living or deceased?

If deceased, please provide date of death: To qualify for a road, bridge, or ferry naming or designation, an honoree must be either living, or be deceased longer than one year but less than 75 years. (See Section II. A. in Policy)

deceased

12/11/2020

3. Is the honoree currently serving or seeking a term as an elected official?

If so, please indicate what kind of office.

To qualify for a road, bridge, or ferry naming or designation, an honoree must not be currently seeking or serving a term as a federal, state, or local elected official. (See Section II. A. of Policy)

not currently serving or seeking a term as an elected official

Select the office.

4. Is the honoree currently a North Carolina resident?

If no, please provide dates when the honoree was a North Carolina resident.

To qualify for a road, bridge, or ferry naming or designation, an honoree must be or have been a North Carolina resident. (See Section II. A. in Policy)

Yes

12-13-1994 to 12-11-2020



Road, Bridge, Ferry Naming or Designation Application

Information about the Honoree (Person for whom the Road, Bridge or Ferry Naming or Designation Request is being made)

5. Has the honoree made notable local, state, and/or national contributions and/or had significant accomplishments?
(See Section II. A. in Policy) Later, you will be required to list these.

Yes

6. Does the honoree already have a state-owned road, bridge, or ferry named or designated for him or her?
To qualify for a road, bridge, or ferry designation, an honoree must not already have a state-owned road, bridge, or ferry designated for him or her. (See Section II. E. in Policy)

No

7. Is the honoree a law enforcement officer or first responder killed in the line of duty?
Municipal officials, employees, and law enforcement officers (including those killed in the line of duty) should be recognized with a municipally owned bridge, if available and/or feasible (See Section II. B. in Policy)

Yes

If you are requesting a state-owned bridge be named for a local law enforcement officer or first responder, please describe what the circumstances that justify the exception.

[Click here to enter text.](#)

8. Is the honorary designation being requested on the basis of the individual's military service?

No

If yes, which valorous combat decoration has the honoree received?

Verification of the award will be required at the time the resolution is submitted. Only recipients of the Medal of Honor, Distinguished Service Cross, Silver Star, Navy Cross, or Air Force Cross are eligible for a road or bridge naming / designation based on military combat service (See Section II. A. of Policy). (Other military personnel are honored by the 1300+ mile Blue Star Memorial Highway Network across North Carolina, See Section V. of Policy.)

[Choose an item.](#)



Road, Bridge, Ferry Naming or Designation Application

Information about the Honoree (Person for whom the Road, Bridge or Ferry Naming or Designation Request is being made)

Description: Please describe the background information of the honoree, and list his/her credentials that justify the road, bridge, or ferry naming. These must include notable local, state, and/or national contributions and/or significant accomplishments. (See Sections II. D. and IV. A. in Policy)

Officer Tyler A. Herndon was born in Charlotte, NC and moved to Kings Mountain, NC in 1998. He attended Kings Mountain High School, graduated from Cleveland Community College and UNCC with a Criminal Justice Degree. Officer Herndon began his law enforcement career with the Mount Holly Police Department in January 2019. He formed a strong bond with his coworkers and with the community members he served. This service was featured in a news segment in August 2019 by a local TV news channel after they became aware of him interacting with and helping citizens in need. On December 11, 2020, Officer Herndon lost his life while serving and protecting the City of Mount Holly. While on duty and responding to a felony in progress inside Mount Holly, Officer Herndon sustained fatal gunshot wounds while attempting to apprehend a suspect. The massive outpouring of support and condolences from the community following Officer Herndon's untimely death confirms the tremendous impact he was able to make during his short time of service.

Support for Proposed Road/Bridge/Ferry Naming

1. Does the proposed naming / designation have strong local support?
Requested naming must have strong local support. Unanimous resolutions from the local governments with jurisdiction, passed in a public forum, will be required. (See Section II. A. in Policy) At a later stage of the review process, you will need to provide at least three letters of recommendation from civic, service, or business organizations that demonstrate this support. (See Section IV. B. in Policy)

Yes

2. Does the family of the honoree support the proposed naming / designation?
The family must support the proposed naming. (See Section II. A. & Section IV. E. in Policy)

Yes



Road, Bridge, Ferry Naming or Designation Application

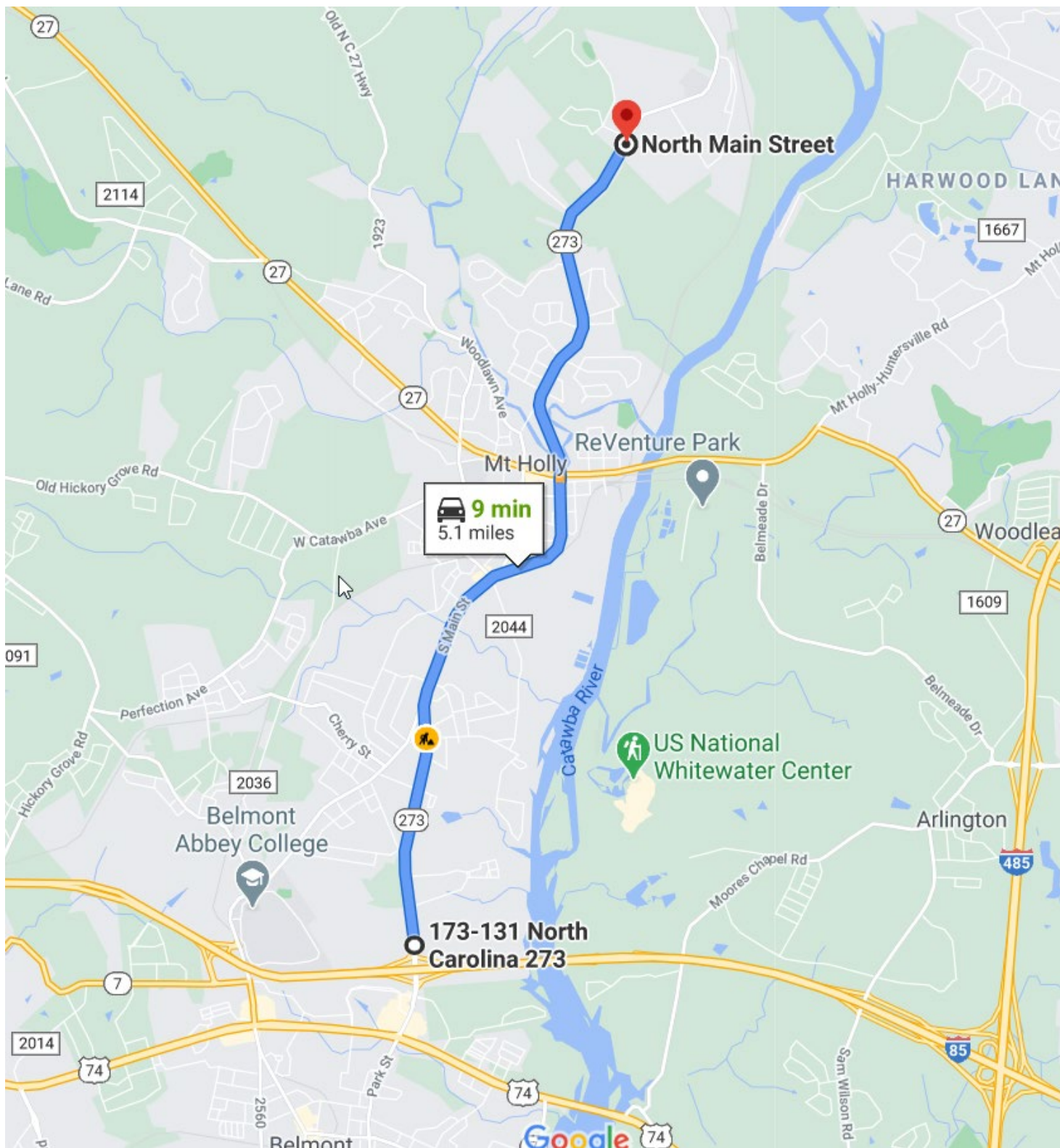
Information about the Honoree (Person for whom the Road, Bridge or Ferry Naming or Designation Request is being made)

3. Has a source of the \$2000 administrative fee for the sign been identified?
The requesting party or local government is responsible for \$2000 towards the cost of the signs. *The local government or designee must participate by paying an administrative fee of \$2000. (See Section IV. G. in Policy)*

Yes

When complete, this form should be emailed to the Road, Bridge or Ferry Naming Committee Service account at roadnaming@ncdot.gov. After reviewing your form, NCDOT staff will contact you to discuss next steps.

Map



Resolution from Local Government

A RESOLUTION IN MEMORY OF
OFFICER TYLER A. HERNDON

WHEREAS, the City Council of the City of Mount Holly finds it would be fitting and proper to honor the memory of slain police officer Tyler Avery Herndon, who was a member of the City of Mount Holly Police Department killed in the line of duty on December 11, 2020; and,

WHEREAS, Tyler liked to make people laugh, loved his job, and had long wanted to be in law enforcement; and,

WHEREAS, although his career in law enforcement was just beginning, Tyler had already distinguished himself by his acts of kindness and community service, reflecting well on Mount Holly and projecting a positive image of the Mount Holly Police Department; and,

WHEREAS, Tyler was a loving son, grandson, brother, boyfriend, cousin, and friend; and,

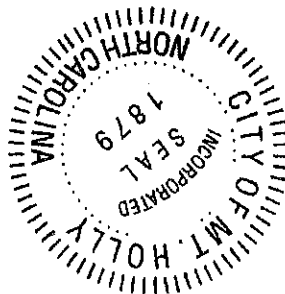
WHEREAS, the City Council of the City of Mount Holly wishes to memorialize Tyler A. Herndon for his dedicated service and sacrifice to the citizens of Mount Holly.

NOW, THEREFORE, BE IT RESOLVED, that in memory of Tyler A. Herndon, the City Council of the City of Mount Holly does hereby request and recommend to the North Carolina Department of Transportation that the five mile section of Highway 273 from the southern City Limits of Mount Holly near Interstate 85 north to the intersection with Morningside Drive be designated the:

OFFICER TYLER A. HERNDON MEMORIAL HIGHWAY

BE IT FURTHER RESOLVED that upon said designation, the North Carolina Department of Transportation is requested to have appropriate signage erected to make the general public aware of said dedication.

This the 1st day of January, 2021.



CITY OF MOUNT HOLLY

By: Bryan M. Hough
Bryan M. Hough, Mayor

Attest: Amy Miller
Amy Miller, City Clerk

**Minutes Showing Resolution
was Unanimously Passed**



January 25, 2021
Council Work Session Meeting

Mayor Bryan Hough
Mayor Pro-Tem Lauren Shoemaker
Councilwoman Phyllis Harris
Councilman Charles McCorkle
Councilman Jeff Meadows
Councilman David Moore
Councilwoman Christina Pawlish
Marie Anders, City Attorney
Miles Braswell, City Manager

**CITY OF MOUNT HOLLY
MOUNT HOLLY CITY COUNCIL WORK SESSION
Location: Council Chambers**



January 25, 2021

6:30 P.M.

CALL TO ORDER BY THE MAYOR

INVOCATION

SET THE AGENDA

CONSENT AGENDA

1. Approval of Budget Amendment
 - Transfer funds from the NC state drug excise tax account to the Police Department budget for professional services
 - Transfer funds from the NC state drug excise tax account to the Police Department budget for contract services
 - Transfer from the General Fund for the purchase of the property located at 137 East Catawba
2. Approval of the Belmont/Mount Holly Water Interconnect Agreement
3. Approval of the Annexation Agreement and Annexation Ordinance for Riverbend
4. Approval of an Exemption from General Statutes relating to the hiring of Architects, Engineers, and Surveyors under the requirements of the Mini-Brooks Act for the design of the Police Memorial being considered by the Officer Tyler A. Herndon Memorial Committee
5. Approval of Minutes
 - November 7, 2019
 - June 4, 2020
 - August 10, 2020
 - August 24, 2020
 - September 14, 2020
 - October 12, 2020
 - October 26, 2020
 - November 9, 2020
 - December 14, 2020
 - January 11, 2021

There was no one signed up to speak. Councilman Jeff Meadows made a motion to go out of public hearing and return to open session. Councilman Charles McCorkle seconded the motion. All Council Members present voted in favor. *Mayor Pro Tem Lauren Shoemaker identified herself as present for the vote and voted yes.* (Motion Carried)

1. City Attorney Marie Anders discussed the information provided in the agenda packet. City Attorney Marie Anders advised that due to Mayor Pro Tem Lauren Shoemaker's remote participation in the meeting, that no action could be taken at this time. Remote participation requires that there be a 24-hour waiting period after the public hearing to allow for public comments to be submitted. Mayor Bryan Hough announced that any public comments should be emailed to tara.douglas@mttholly.us. As of 1/14/2021, there were no public comments submitted to Tara Douglas regarding the Annexation for Gaston County Parcel ID: 304155 (Riverbend)

Public Comment- Three (3) minute limit

There was no one signed up to speak.

Old Business

1. Tyler A. Herndon Memorial Committee Update

Mr. Bobby Black spoke on behalf of the committee and listed the members. Mr. Black stated that the Herndon family was invited to participate in the committee activities. Mr. Black stated that it was an honor to be working on this committee with the City of Mount Holly and that the committee is dedicated to doing a great job. Mr. Black stated that the first meeting's topics were the possible location of the memorial, the time frame and how they could be allowed to raise funds. Mr. Black stated that the committee decided that the dedication date for the memorial should be 12/11/2021. The committee will meet weekly on Tuesdays at 7:00 pm beginning tomorrow 1/12/2021.

2. Discussion of Street/Bridge Renaming in honor of Officer Tyler Herndon

Mayor Bryan Hough discussed the options and advised that NCDOT requirements were provided and that a unanimous vote was needed. Councilwoman Phyllis Harris made a motion to name the five (5) mile section of Highway 273 from the southern City Limits of Mount Holly near Interstate 85 north to the intersection with Morningside Drive the:

OFFICER TYLER A. HERNDON MEMORIAL HIGHWAY

Councilman Charles McCorkle seconded the motion. All Council Members voted in favor. *Mayor Pro Tem Lauren Shoemaker identified herself as present for the vote and voted yes.* (Motion Carried)

New Business

1. Grand Hall-North Carolina and American Flag Display Discussion

Councilman David Moore discussed having the North Carolina and American Flag displayed in the Grand Hall. After discussion, Councilman Moore stated that he would give direction to staff as to where the display should be located.

Character Certification Form



Honorary Designation for State Roads, Bridges and Ferries Character Certification Form

Honorary Designation for State Roads, Bridges and Ferries Character Certification by Town/County Official

Full Name of Individual the Honorary Designation is being requested for: *Tyler Avery Herndon*

Character Certification Reference - (to be completed by local town/county official)

1. Are you aware of any criminal charges pending against the individual or if they have ever been convicted of any crime anywhere, including in federal, state, local, military and tribal courts?

If yes, please explain.

No

2. Do you know if the individual has ever been charged with a criminal act? If yes, please explain.

No

3. Are you aware of any controversial matter in which the individual has been involved? If yes, please explain.

No

4. Is there any information regarding the character of the individual that you feel is pertinent? If yes, please explain.

No



Honorary Designation for State Roads, Bridges and Ferries Character Certification Form



Honorary Designation for State Roads, Bridges and Ferries Character Certification Form

I hereby state that the information contained above is true and accurate to the best of my knowledge. In the event that information is later confirmed that was not included on this form or incomplete, the Board of Transportation reserves the right to revoke the designation.

This the 26 day of JANUARY, 2021.

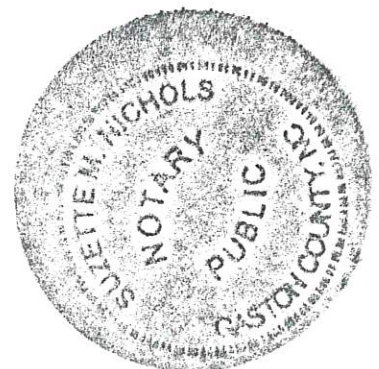
Donald Roper
Chief DONALD ROPER
(Printed Name of Local Official Performing Character Reference)

Sworn to and subscribed before me

This the 26th day of January, 2021.

Suzette M. Nichols
Notary Public

My Commission Expires: 12/16/2025



Letters of Support
(3+ from Civic, Business or
Service Organizations)



Paige Sigmon
Mount Holly Chamber of Commerce
115 N Main St
Mount Holly, NC 28120

NCDOT
1501 Mail Service Center
Raleigh, NC 27699-1501

Dear NCDOT:

On behalf of the Mount Holly Chamber of Commerce, I would like to express my full support to honor our community's fallen officer by designating a portion of Highway 273 as the "Officer Tyler A. Herndon Memorial Highway".

Helping to commemorate his life and dedication to our community is something our organization believes would express the trust and admiration we have for our police department.

It is with great honor I write this letter of support and hope you will consider this input.

Sincerely,

A handwritten signature in black ink that reads "Paige Sigmon".

Paige Sigmon
Mount Holly chamber of Commerce

January 20, 2021

Board of Directors

Janet McRorie, Chair
Novant Health

Jonathan Brackett ,
Treasurer
Brackett Jacobs &
Associates

Brandi Moose, Secretary
Moose Pharmacy

Randi Moore, Past Chair
World Stone of Charlotte

Emilie Vanderlaan
Quint Events

Matt Vanderlaan
G&W Laboratories

Stephanie McLaughlin
Bank of America

Irene Pharr
Catawba Coffee

Ruth Neely

Janet Dewater
First Presbyterian Church

Kenneth Reeves
Gastonia Dodge

Lauren Shoemaker
Mt Holly City Counsel

Teresa Rench
Wells Fargo

PO Box 93
Mount Holly, NC 28120
MountHollyFoundation@gmail.com
704-269-8454

NCDOT
1501 Mail Service Center
Raleigh, NC 27699-1501


Dear NCDOT:

As Chair of the Mount Holly Community Development Foundation, I speak for our Board of Directors to say we very much support designating a portion of Highway 273 as the "Officer Tyler A. Herndon Memorial Highway".

The mission of the MHCDF is to advance the health, general welfare, and prosperity of the Mount Holly area. The Mount Holly Police Department and its officers are exceptional and many of them have strong connections to the citizens of this city. The entire community has felt the loss of Officer Herndon. They have grieved his loss along with his fellow officers. Designating a portion of Highway 273 to honor Officer Herndon will provide evidence to the community of our commitment to the Mount Holly Police department. It will also provide evidence of our thanks to Officer Herndon and his family.

Thank you for accepting the input of the Mount Holly Community Development Foundation on this matter.

Sincerely,



Janice McRorie, 2021 Chair
Mount Holly Community Development Foundation

Mount Holly Community Development Foundation is a charity registered as tax-exempt by the IRS under section 501(c)3. No goods or services were received in exchange for this gift.





Adam Lee
Rotary Club of Mount Holly
400 E Central Ave
Mount Holly, NC 28120
01/18/2021

NCDOT
1501 Mail Service Center
Raleigh, NC 27699-1501

Dear NCDOT:

As President of the Rotary Club of Mount Holly, I wholeheartedly support designating a portion of Highway 273 as the "Officer Tyler A. Herndon Memorial Highway. The Mount Holly Police Department is second to none, largely in part to their strong relational connection with the community. Consequently, the loss of Officer Herndon was felt deeply by this community.

I am confident this designation of the highway will deepen the bond between Mount Holly and its police force even more.

Thank you for considering my input.

Sincerely,

A handwritten signature in cursive script that reads "Adam Lee".

Adam Lee
President, Rotary Club of Mount Holly

Verification of Family Support

Mark and Debbie Herndon
Kings Mountain, NC

February 1, 2021

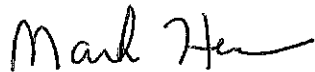
Chief Don Roper
Mount Holly Police Dept.
400 E. Central Ave.
Mount Holly, NC 28120

Subject: DOT Road Designation Request Verification of Family Support

Chief,

As per our conversation in the discussion of options mentioned between a bridge at I-85 in Belmont or a 5 mile stretch of Hwy 273 in Mt. Holly to be named in honor of Tyler, we as Tyler's parents, would prefer to have the 5 mile stretch of Hwy 273 that goes through Mt. Holly. This would be part of the streets he patrolled, therefore seems to be a more fitting tribute.

Thank you,

A handwritten signature in black ink, appearing to read "Mark Herndon". The signature is fluid and cursive, with the first name "Mark" being more prominent than the last name "Herndon".

Mark and Debbie Herndon



Don Roper
Chief of Police

Mount Holly Police Department

Office of the Chief of Police • 400 E Central Avenue • Mount Holly, North Carolina 28120

Memorandum

From: Chief Don Roper

Reference: Recommendation

Date: 01-07-21

The Mount Holly Police Department is honored that the Mount Holly City Council has indicated their desire to honor Officer Tyler Herndon by submitting a recommendation to the NCDOT to dedicate an area of state property to recognize his service and sacrifice following his line of duty death on 12-11-20.

Deputy Chief Brian Reagan has worked closely with the Herndon family the past few weeks, and has discussed their preferences regarding this matter. It was relayed to Deputy Chief Reagan that the family's desire is to have a portion of NC273 inside Mount Holly dedicated to Officer Herndon.

The family indicated they would be honored to have a portion of the road dedicated beginning inside the city limits of Mount Holly near I-85, and extending North for the full extent of the five-mile distance that was mentioned as a possibility.

The family advised they would like to have the actual road that Officer Herndon patrolled designated, due to his love of Mount Holly and the MHPD. They further stated they would like the portion of roadway that is dedicated to pass along near the police station, so that Officer Herndon's fellow Officers would drive on the road and remember him.

Myself and command staff at MHPD fully support and endorse the wishes of the Herndon family in their request, and respectfully submit this recommendation.

**Expressed Willingness to Pay
\$2,000 Administration Fee**



CITY OF MOUNT HOLLY
FY 20-21 Budget Amendment

Account Number	Description	Debit	Credit
10-10-4310-491	Subscriptions and Dues	\$ 2,000.00	
10-00-3991-000	Gen Fd Balance Appropriated		\$ 2,000.00
TOTAL		\$ 2,000.00	\$ 2,000.00

Date Submitted: January 11, 2021
 Finance Officer: Michelle Wood
 City Manager: VB

Department Comments:

NCDOT Application Fee
