



AGENDA
North Carolina Board of Transportation
1 South Wilmington Street, Raleigh, North Carolina 27601
Virtual Meeting
October 6, 2021

Due to the pandemic, the Board meeting will be conducted virtually. Members of the Public may access all board events listed below using the live stream <https://livestream.com/nc-dot>. Board Members will participate using Microsoft Teams.

Wednesday, October 6, 2021

9:15AM – 10:15AM

Highway Committee (The full board is invited)	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

Finance Committee (The full board is invited)	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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1:00PM

WORK SESSION – FULL BOARD ATTENDANCE

Call to Order Ethics Statement Update on SPOT Workgroup, Jason Schronce, Strategic Prioritization Manager Inflation Rate for 2024-2033 STIP, David Wasserman STIP Western Region, Manager Legislative Update, Johanna Reese, Deputy Secretary of Intergovernmental Affairs Product Evaluation Program Awareness	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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BREAK

BOARD MEETING WILL RESUME IMMEDIATELY FOLLOWING THE BREAK

NORTH CAROLINA BOARD OF TRANSPORTATION MEETING

Due to the pandemic, the Board meeting will be conducted virtually. Members of the Public may access all board events listed below using the live stream <https://livestream.com/nc-dot>. Board Members will participate using Microsoft Teams.

Consideration of the September 1-2, 2021, Meeting Minutes Road, Bridge and Ferry Naming Resolutions

Chairman Fox

- Senator Kay Hagan Highway
- Officer Donald Ray Tucker Bridge
- Mayor Andy Evans Bridge
- Sergeant Jeffrey W Greene Bridge

Secretary's Remarks

Secretary Boyette

Information and Delegated Authority

Chairman Fox

- (Item C) Award of Highway Construction Contracts from September 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

Action

Chairman Fox

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-2) Rail Program
 - (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
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation

Committee Reports

Committee Chairs

Other Business

Chairman Fox

Adjourn

Chairman Fox

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

October 6, 2021

Delegated Authority Secretary Boyette

- (Item C) Award of Highway Construction Contracts from September 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
 - (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
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation
- (Item V) **(No Item)**

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00003

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ITEM C

C203649
40255.3.3
STP-1308(12)
ONSLOW
U-4906

PROPOSAL LENGTH 6.605 MILES

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

LOCATION SR-1308 (GUM BRANCH RD) FROM WEST OF SR-1313 (MILLS FIELDS ROAD) TO EAST OF SR-1324 (RAMSEY ROAD).

EST CONST PROGRESS.... FY-2022..42% OF BID
FY-2023..49% OF BID
FY-2024..09% OF BID

RPN 001 2 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 11,173,599.15

DATE AVAILABLE NOV 01 2021

INTER COMPLETION NOV 01 2023 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 29 2024

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	13,864,965.25	+24.1
JSMITH CIVIL LLC PIKEVILLE, NC	14,493,495.00	+29.7

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00004

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C204366
45873.3.2, 45873.3.3
NHPIM-0095(060), NHPIM-0095(061)
HALIFAX
I-5932A, I-5932B

PROPOSAL LENGTH 13.800 MILES

TYPE OF WORK PAVEMENT REHABILITATION AND DRAINAGE.

LOCATION I-95 FROM MILE MARKER 153.20 (NC-148) TO MILE MARKER 167.00.

EST CONST PROGRESS.... FY-2022..53% OF BID
FY-2023..44% OF BID
FY-2024..03% OF BID

RPN 002 3 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 12,756,352.25

DATE AVAILABLE NOV 01 2021

FINAL COMPLETION SEP 01 2023

	\$ TOTALS	% DIFF
FSC II LLC DBA ROSE BROTHERS PAVING COMPANY RALEIGH, NC	12,575,000.00	-1.4
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	14,417,408.70	+13.0
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	15,464,638.42	+21.2

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00004

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C204653
45878.3.1, 51209.1K
0095074, STATE FUNDED
WILSON, JOHNSTON
I-5936

PROPOSAL LENGTH 6.590 MILES

TYPE OF WORK PAVEMENT REHABILITATION.

LOCATION I-95 FROM JOHNSTON CO LINE TO SOUTH OF SR-1116 (GOVERNOR HUNT RD) AND FROM
I-5786 CONST LIMITS TO US-301 BRIDGE.

EST CONST PROGRESS.... FY-2022..63% OF BID
FY-2023..37% OF BID

RPN 003 2 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 3,802,220.00

DATE AVAILABLE NOV 01 2021

INTER COMPLETION NOV 01 2022 COMPLETE ALL WORK EXCEPT ITS WORK
MAY 26 2022 COMPLETE ALL WORK REQUIRED FOR MAPS #3 THRU #5, EXCEPT FOR
FINAL / LONG-LIFE PAVEMENT MARKINGS

FINAL COMPLETION MAY 01 2023

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,872,248.19	-24.5
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,980,065.20	-21.6

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00005

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ITEM C

C204662
2022CPT.05.01.20921.1
STATE FUNDED
WAKE

PROPOSAL LENGTH 1.714 MILES

TYPE OF WORK MILLING AND RESURFACING.

LOCATION 2 SECTIONS OF SECONDARY ROADS AND 4 RAMPS.

EST CONST PROGRESS.... FY-2022..57% OF BID
FY-2023..43% OF BID

RPN 004 5 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 2,014,185.65

DATE AVAILABLE MAR 01 2022

FINAL COMPLETION NOV 15 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,825,812.00	-9.4
S T WOOTEN CORPORATION WILSON, NC	1,889,375.00	-6.2
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	1,966,282.78	-2.4
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	2,020,983.58	+0.3
CAROLINA SUNROCK LLC RALEIGH, NC	2,236,851.63	+11.1

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00005

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C204663
2022CPT.05.02.20921.1
STATE FUNDED
WAKE

PROPOSAL LENGTH 8.540 MILES
TYPE OF WORK MILLING, RESURFACING AND SHOULDER GRADING.
LOCATION 15 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2022..33% OF BID
FY-2023..67% OF BID

RPN 005 4 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 2,504,497.73

DATE AVAILABLE MAR 01 2022
FINAL COMPLETION JUN 30 2023

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,444,169.26	-2.4
CAROLINA SUNROCK LLC RALEIGH, NC	2,671,888.75	+6.7
S T WOOTEN CORPORATION WILSON, NC	2,777,990.00	+10.9
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,004,131.00	+19.9

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00005

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C204664
2022CPT.05.03.10731.1, 2022CPT.05.03.20731.1
STATE FUNDED
PERSON

PROPOSAL LENGTH 20.318 MILES

TYPE OF WORK MILLING, RESURFACING AND SHOULDER GRADING.

LOCATION 1 SECTION OF NC-158, 1 SECTION OF NC-49 AND 8 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2022..33% OF BID
FY-2023..67% OF BID

RPN 006 2 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 3,800,925.32

DATE AVAILABLE MAR 01 2022

FINAL COMPLETION JUN 30 2023

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	3,898,517.59	+2.6
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	4,695,491.00	+23.5

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00006

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C204596
49067.3.1, 49067.3.2, 49067.3.3
0095078, STATE FUNDED, 0095079
ROBESON
I-6064A, I-6064B, I-6064C, I-5879

PROPOSAL LENGTH 8.000 MILES

TYPE OF WORK DESIGN BUILD.

LOCATION I-95 FROM I-74 (EXIT 13) TO SOUTH OF US-301 (EXIT 22) AND I-95/SR-1536 (CARTHAGE RD)
INTERCHANGE IMPROVEMENTS.

EST CONST PROGRESS.... FY-2022..08% OF BID
FY-2023..19% OF BID
FY-2024..30% OF BID
FY-2025..28% OF BID
FY-2026..13% OF BID
FY-2027..02% OF BID

RPN 011 4 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 391,500,000.00

DATE AVAILABLE NOV 01 2021
INTER COMPLETION DEC 15 2021 COMPLETE CORING 8-INCH DIAMETER PVC SLEEVES THROUGH EXISTING
I-95 MEDIAN BARRIER (STATIONS 438+00 -L- TO 446+00 -L-)
FINAL COMPLETION NOV 01 2026

PROPOSAL	QUALITY ADJUSTED PRICE RANKING						
	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
FLATIRON UNITED JV	91.00	24.50	432,700,000.00	+10.5	106,011,500.00	326,688,500.00	-16.6
BRANCH-SLOAN JOINT VENTURE	88.50	21.59	531,850,000.00	+35.9	114,826,415.00	417,023,585.00	+6.5
THE LANE CONSTRUCTION	87.50	20.42	529,350,195.00	+35.2	108,093,309.82	421,256,885.18	+7.6
BALFOUR BEATTY INFRASTRUCTURE INC	87.00	19.83	528,300,000.00	+34.9	104,761,890.00	423,538,110.00	+8.2

PROPOSAL	PROPOSED COMPLETION DATE
FLATIRON UNITED JV	AUG 13 2026
BRANCH-SLOAN JOINT VENTURE	SEP 01 2026
THE LANE CONSTRUCTION CORPORATION	NOV 01 2026

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021

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PROPOSAL

PROPOSED COMPLETION
DATE

BALFOUR BEATTY INFRASTRUCTURE INC

SEP 30 2026

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00008

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C204661
50205.3.2
STATE FUNDED
MOORE, HOKE
R-5709A

PROPOSAL LENGTH 15.607 MILES

TYPE OF WORK C&G, EROSION CONTROL, RESURFACING AND SHOULDER GRADING.

LOCATION NC-211 FROM US-15/US-501 TO SR-1244/SR-1311.

EST CONST PROGRESS.... FY-2022..31% OF BID
FY-2023..40% OF BID
FY-2024..27% OF BID
FY-2025..02% OF BID

RPN 007 2 BIDDER(S) DBE GOAL 13.00 %
ESTIMATE 11,466,558.50

DATE AVAILABLE NOV 01 2021

FINAL COMPLETION AUG 01 2024

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	15,325,970.10	+33.7
WATSON CONTRACTING INC FRANKLIN, NC	16,721,254.00	+45.8

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00009

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C204645
47957.3.1
0040111
DAVIE
I-6003

PROPOSAL LENGTH 3.640 MILES

TYPE OF WORK PAVEMENT REHABILITATION.

LOCATION I-40 FROM SR-1436 (PINEBROOK SCHOOL RD) TO WEST OF NC-801.

EST CONST PROGRESS.... FY-2022..82% OF BID
FY-2023..18% OF BID

RPN 008 1 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 6,469,547.00

DATE AVAILABLE NOV 01 2021

FINAL COMPLETION NOV 01 2022

	\$ TOTALS	% DIFF
APAC ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	6,675,172.78	+3.2

AWARDED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00011

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C204482
49071.3.1
STATE FUNDED
ASHE
BR-0002

PROPOSAL LENGTH 0.330 MILES

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

LOCATION BRIDGE #40008 ON NC-194 OVER NORTH FORK NEW RIVER.

EST CONST PROGRESS.... FY-2022..43% OF BID
FY-2023..48% OF BID
FY-2024..09% OF BID

RPN 009 5 BIDDER(S) DBE GOAL 3.00 %
ESTIMATE 5,906,079.48

DATE AVAILABLE NOV 01 2021

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

FINAL COMPLETION MAY 13 2024

	\$ TOTALS	% DIFF
CATON CONSTRUCTION GROUP INC CHARLOTTESVILLE, VA	8,576,896.46	+45.2
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	9,099,043.55	+54.1
W C ENGLISH INCORPORATED LYNCHBURG, VA	11,004,023.18	+86.3
SMITH-ROWE, LLC MOUNT AIRY, NC	13,541,724.58	+129.3
DANE CONSTRUCTION INC MOORESVILLE, NC	14,441,014.88	+144.5

REJECTED

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
SEPTEMBER 21, 2021
DIVISION 00014

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ITEM C

C204651
53040.3.2
0040113
HAYWOOD
I-5834A

PROPOSAL LENGTH 3.020 MILES

TYPE OF WORK PAVEMENT REHABILITATION.

LOCATION I-40 FROM MILEMARKER 27 TO MILEMARKER 31.265.

EST CONST PROGRESS.... FY-2022..66% OF BID
FY-2023..34% OF BID

RPN 010 1 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 9,064,773.40

DATE AVAILABLE APR 01 2022

FINAL COMPLETION OCT 15 2022

	\$ TOTALS	% DIFF
APAC ATLANTIC INC DBA HARRISON CONSTRUCTION COMPANY ASHEVILLE,	8,697,459.02	-4.1

ESTIMATE TOTAL	460,458,738.48	
LETTING TOTAL	509,456,210.65	+10.6

AWARDED

**NCDOT OCTOBER 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

Deputy Secretary for Multi-Modal Transportation

Rail Division

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Lexington Train Station Area Infrastructure Improvements to support the Rail Division. This contract will expire three (3) years 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.

DIVISION 9	
Description of Work:	Lexington Train Station Area Infrastructure Improvements LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee:	\$6,000,000.00
SPSF Utilization:	Engineered Designs Inc
	5% / \$300,000.00

Chief Engineer

Field Support

Materials & Tests Unit

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms 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:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	DRMP Inc, Orlando, FL
Original Engineering Fee:	\$1,800,000.00
Supplemental Fee:	\$220,000.00
SPSF Utilization:	0%

OCTOBER 07, 2021

Description of work:	2019 Inspection, Testing and Analysis of Materials and Pavements LSC
Firm:	HDR Engineering Inc of the Carolinas, Chicago, IL
Original Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$750,000.00
SPSF Utilization:	0%

Highway Operations

Operations Program Management

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	
Project:	2019 Quality Assurance for High Speed Data Collection Contract
Scope of Work:	Sample, verify, and report on the quality of pavement distress data collected as part of the High Speed Data Collection and Processing Contract
Estimated Construction Cost:	N/A
Firm:	Morian Properties LLC, Conneaut Lake, PA
Original Engineering Fee:	\$400,000.00
Previous Supplemental Fee:	\$400,000.00
Supplemental Fee:	\$400,000.00
Supplemental Work:	Sample, verify, and report on the quality of pavement distress data collected as part of the High Speed Data Collection and Processing Contract
SPSF Utilization:	0%

Divisions

Division 4

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide Construction Engineering and Inspection (CEI) Services for the I-95 / US 70 (future I-42) Broadband project listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 4	
Project:	47532.3.4 (I-5986C) Cumberland; and 44648.3.5 (R-5777D) Craven
	I-95 Install Broadband Fiber from South Carolina State Line to Virginia State Line (Comb w/HO-0002A, HO-0002B, HO-0002C & R-5777D); and US 70 (Future I-42) Install Broadband Fiber from I-40 to Morehead City Port (Comb w/HO-0002A, HO-0002B, HO-0002C & I- 5986C).
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$27,667,000.00; and \$26,000,000.00
Firm:	RS&H Architects Engineers Planners Inc, Jacksonville, FL
Maximum Engineering Fee:	\$4,725,766.85
SPSF Utilization:	0%

Technical Services

Utilities Unit

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:	2019 Utilities Coordination LSC
Firm:	TELICS, Pineville, NC
Original Engineering Fee:	\$500,000.00
Previous Supplemental Fee:	\$200,000.00
Supplemental Fee:	\$100,000.00
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.

DIVISION 10	
Project:	49020.1.1 (I-5718) Mecklenburg County and 48136.1.1 (U-6103) Mecklenburg County
	I-77 from I-485 (Exit 1) to I-277/ NC 16 (Brookshire Freeway) Exit 11; and US 74 from I-277 to NC 27(Albemarle Road). Widen Roadway to Allow for Two-Way Managed Lanes Operations.
Scope of Work:	Planning and Design Services
Estimated Construction Cost:	\$1,056,800,000.00 and \$85,175,000.00
Firm:	RS&H Architects Engineers Planners Inc, Jacksonville, FL
Original Engineering Fee:	\$4,000,000.00
Previous Supplemental Fee:	\$ 750,000.00
Supplemental Fee:	\$2,000,000.00
Supplemental Work:	Planning and Design Services
DBE/WBE/SPSF Utilization:	Three Oaks Engineering Inc 6.5% / \$130,000.00
SPSF Utilization:	Hinde Engineering Inc 1% / \$20,000.00
SPSF Utilization:	Clearbox Forecast Group PLLC 1% / \$20,000.00
SPSF Utilization:	Commonwealth Heritage Group Inc 1% / \$20,000.00

END of ITEM D.

OCTOBER 07, 2021

**NCDOT OCTOBER 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 Increase Funds:

Div / County	SR No. / Road Name	Description	Amount
Div 1 Washington	SR 1222 Fairlane Road	Grade, drain, base and pave Increase funds WBS 1C.094044	\$15,000.00

Projects to Increase and Close:

Div / County	SR No. / Road Name	Description	Amount
Div 4 Nash	SR 1108 Stone Heritage Rd	Grade, drain, base and pave Increase funds and close WBS 4C.064050	\$8,225.45

Project Deletions:

Div / County	SR No. / Road Name	Description	Amount
Div 4 Edgecombe	SR 1370 Wiggins Lake Drive	Widen and strengthen pavement. Reduce funds and close. Right-of-way is unavailable. WBS 4C.033046	(\$292,572.67)

Item E Summary:

0	Projects to Establish Funds	\$0.00
1	Projects to Increase Funds	\$15,000.00
1	Projects to Increase and Close	\$8,225.45
0	Projects to Decrease Funds	\$0.00
1	Project Deletions	(\$292,572.67)

NCDOT October 7, 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	52384	0.29	Coastal Carolina Regional Airport	7/7/21
		0.23	Terminal Drive	
			Airline Drive	
Division 3				
Brunswick	52385	0.28	Sunset Ridge	9/8/21
		0.30	Extend SR 1961, Ascension Drive SW	
			Extend SR 1955, Bonaventure Street SW	
		0.18	Extend SR 1964, Sevilleen Drive SW	
		0.17	Extend SR 1972, Gracieuse Lane SW	
		0.12	Arot Court SW	
		0.10	Defyance Court SW	
		0.08	Mauricio Court SW	
Division 4				
Edgecombe	52386	0.44	Tarboro/Edgecombe Commerce Center	7/26/20
			Commerce Center Drive	
Division 5				
Franklin	52387	0.18	Stephens Glen	8/10/21
		0.13	Extend SR 2031, Stephens Way	
		0.11	Stephens Way	
		0.11	Extend SR 2033, Paddy Lane	
		0.06	Kilkee Lane	
			Shamrock Lane	
Wake	52388	0.46	Bailey's Retreat	6/29/21
			Baileys Run Court	
Wake	52389	0.40	West - Oaks	7/22/20
		0.05	West Oaks Drive	
		0.03	Wyndchase Court	
		0.03	Eastbrae Court	
			Westbrae Court	
Wake	52390	0.28	Yardley	8/12/21
			Yardley Town Drive	

NCDOT October 7, 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 6				
Bladen	52391	0.49	Hickory Estates Old Hickory Lane	12/9/20
Columbus	52392	0.04 0.05 0.06	South Columbus Estates Nealey Drive Antinori Lane North Antinori Lane South	9/26/19
Division 8				
Hoke	52393	0.32 0.17 0.32 0.03 0.26 0.03 0.23 0.04 0.06 0.16	Wedgefield Wind Swept Street Cloverwood Lane Yates Mill Street Turney Street Tipperary Street Calvert Court Extend SR 1667, Weston Woods Street Prescott Street Welborn Street Stafford Avenue	9/8/21
Lee	52394	0.24	Providence Landing Crosby Lane	7/7/21
Division 9				
Davidson	52395	0.06	Cedar Hills Extend SR 2848, Panther Lane	7/23/21
Davidson	52396	0.21 0.24 0.53 0.19 0.14 0.52 0.20 0.06 0.12 0.12 0.17	Meadowlands Wentworth Drive Extend SR 3065, Inverness Drive Medinah Drive Rannoch Court Dornoch Drive Kinloch Drive Sea Pines Drive Gentle Pond Court Prescott Drive Barclays Drive Joplin Drive	8/5/21

NCDOT October 7, 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	52397	0.06	Lowesville Lark Lane	9/1/21
Lincoln	52398	0.81 0.13 0.17 0.14	Plank Estates Extend SR 1935, Dalmatian Street Boxer Drive Great Dane Avenue Cocker Spaniel Court	9/1/21

NCDOT October 7, 2021 Board of Transportation Agenda**Abandonments from the State Highway System:**

County	Petition Number	Length Abandoned (Miles)	Description and/or Subdivision	Date of Report
Division 6 Columbus	52399	0.14	SR 1753, Alligator Run Road Retain 0.56 miles	9/17/19
Division 14 Macon	52400	0.52	SR 1140, McConnell Road Retain 0.38 miles	6/5/20

Number of roads petitioned for addition – 53

Number of roads petitioned for abandonment - 2

Corrections to the State Highway System:

County	Requested Action
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None	
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NCDOT OCTOBER 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 2 Beaufort	WBS 49603 was established (06/2021) to construct drainage improvements on SR 1403 (West 15 th Street) from US-264 to US-17 in Washington. Increase funds	Small Construction <u>TOTAL</u>	<u>\$60,484.27</u> \$60,484.27
Div 2 Craven	WBS 48696 was established (06/2020) to construct a roundabout and roadway extension at Airline Drive and Terminal Drive. Increase funds	High Impact / Low Cost <u>TOTAL</u>	<u>\$300,000.00</u> \$300,000.00
Div 4 Johnston	Install U-turn loon (bulb-out) and associated turn lanes on US 70 Business to serve the new Amazon distribution facility in Smithfield. Establish funds WBS 80106	Econ Development <u>TOTAL</u>	<u>\$385,000.00</u> \$385,000.00
Div 8 Lee	Install traffic signal at the intersection of US-15/US-501 (Hawkins Ave) and SR 1466 (Deep River Road). Establish funds WBS 49350	Contingency <u>TOTAL</u>	<u>\$125,000.00</u> \$125,000.00
Div 9 Davie	Construct an industrial access road off of SR 1363 (Gildan Drive) serving new industries in Mocksville. Establish funds WBS 49785	Econ Development/ Public Access <u>TOTAL</u>	<u>\$227,200.00</u> 92,800.00 \$320,000.00
Div 12 Catawba	WBS 49158 was established (03/2020) to construct and realign approximately 1,705 linear feet of SR 1483 (Punched Loop Road) Increase funds	Econ Development <u>TOTAL</u>	<u>\$122,000.00</u> \$122,000.00

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

Deletions:

Div 1, Martin County – WBS 80056 was established (02/2018) to remove CSX Transportation railway crossings on SR 1410 (Cullipher Road) and Slade Street in Williamston. This project is being deleted. The work was completed at reduced costs and the remaining funds are not needed.

Div 8, Lee County – WBS 47868 was established (08/2018) to widen paved shoulders along SR 1332 (Franklin Drive) from SR 1305 (Henley Road) to SR 1334 (Pendergrass Road). This project is being deleted. The work was accomplished under a different project.

Div 10, Cabarrus County – WBS 48794 was established (09/2015) to install a roundabout at the intersection of Irish Potato Road and Gold Hill Road. This project is being deleted. An all-way stop is being installed instead of a roundabout. The new scope of work will be accomplished using highway safety funds.

Div 10, Stanly County – WBS 48792 was established (09/2019) to install a roundabout at the intersection of NC 205 and Big Lick Road / Liberty Hill Church Road. This project is being deleted. An all-way stop is being installed instead of a roundabout. The new scope of work will be accomplished using highway safety funds.

Summary:	Number of Divisions	5
	Number of Projects	6
	High Impact/Low Cost Commitment	\$300,000.00
	Small Construction Commitment	\$60,484.27
	Contingency Commitment	\$125,000.00
	Economic Development Commitment	\$734,200.00
	Public Access Commitment	\$92,800.00
	TOTAL:	\$1,312,484.27

NCDOT October Board of Transportation**Public Transportation Program**

<u>Division</u>	<u>Project Number</u>	5307	<u>Estimated Project Cost</u>
06	21-SU-040	COUNTY OF HARNETT FY21 5307 SUBS OPERATING 21-SU-040 Harnett County operating funds for transit system. Application Number: 1000009640	\$50,674.00 Total \$25,337.00 Federal \$0.00 State \$25,337.00 Local
07	21-SU-041	ALAMANCE COUNTY TRANSPORTATION AUTHORITY FY21 5307 SUBS CAPITAL 21-SU-41 Alamance County Transportation Authority will use 5307 Capital funding for the capital maintenance portion of the expense incurred in providing general public transportation in the Burlington/Graham UZA for work, shopping and medical trips for residents who do not have access to the Link fixed route system (1000009597). Application Number: 1000009597	\$49,714.00 Total \$39,771.00 Federal \$0.00 State \$9,943.00 Local
07	22-LU-056	ORANGE COUNTY FINANCE OFFICE FY22 5307 SUBS OPERATING 22-LU-056 Orange County for operating expenses (Durham, Chapel Hill, Carrboro MPO). Application Number: 1000011995	\$223,804.00 Total \$111,902.00 Federal \$0.00 State \$111,902.00 Local
07	22-SU-041	ALAMANCE COUNTY TRANSPORTATION AUTHORITY FY22 5307 SUBS OPERATING 22-SU-041 Alamance County Transportation Authority funds for operating assistance. Application Number: 1000012062	\$706,587.00 Total \$353,293.00 Federal \$0.00 State \$353,294.00 Local
07	22-SU-049	GUILFORD COUNTY FY22 5307 SUBS OPERATING 22-SU-049, Guilford County operating funds for transit system. Application Number: 1000010439	\$70,000.00 Total \$35,000.00 Federal \$0.00 State \$35,000.00 Local
07	22-SU-056	ORANGE COUNTY FINANCE OFFICE FY22 5307 SUBS OPERATING 22-SU-056 Orange County operating funds for transit system Application Number: 1000011994	\$107,602.00 Total \$53,801.00 Federal \$0.00 State \$53,801.00 Local
08	21-LU-078B	HOKE COUNTY FY21 5307 SUBS CAPITAL 21-LU-078B, Hoke County capital funds to purchase bus shelters. Application Number: 1000009525	\$736,339.00 Total \$589,071.00 Federal \$0.00 State \$147,268.00 Local

08	22-LU-078	HOKE COUNTY FY22 5307 SUBS OPERATING 22-LU-078 Hoke County operating funds for transit system Application Number: 1000010737	\$276,000.00 Total \$138,000.00 Federal \$0.00 State \$138,000.00 Local
09	22-LU-037	ROWAN COUNTY FINANCE DEPARTMENT FY22 5307 SUBS OPERATING 22-LU-037 Rowan County operating funds for transit system. Application Number: 1000010392	\$14,796.00 Total \$7,398.00 Federal \$0.00 State \$7,398.00 Local
09	22-SU-026	DAVIDSON COUNTY FY22 5307 SUBS OPERATING 22-SU-026 Davidson County for operating funds for transit system. Application Number: 1000010159	\$180,000.00 Total \$90,000.00 Federal \$0.00 State \$90,000.00 Local
10	22-LU-042	CABARRUS COUNTY FY22 5307 SUBS CAPITAL 22-LU-042 Cabarrus County capital funds to purchase 13 replacement radios and supporting components. Application Number: 1000010420	\$42,074.00 Total \$33,659.00 Federal \$0.00 State \$8,415.00 Local
10	22-LU-089	UNION COUNTY FINANCE DEPARTMENT FY22 5307 SUBS CAPITAL 22-LU-089 Union County for capital items including security cameras for warehouse where vans are stationed/furniture for transit staff. Application Number: 1000010729	\$166,170.00 Total \$132,936.00 Federal \$0.00 State \$33,234.00 Local
10	22-LU-089a	UNION COUNTY FINANCE DEPARTMENT FY22 5307 SUBS OPERATING 22-LU-089a Union County will use funds for operating assistance. Application Number: 1000010728	\$356,186.00 Total \$178,093.00 Federal \$0.00 State \$178,093.00 Local

Item I - I: Total Projects 13: Total Federal and State Funds \$1,788,261

<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	P2021_5307_SUBS_OPER	\$25,337	\$0	\$25,337	\$50,674
2	P2021_5307_SUBS_CAPITAL	\$628,842	\$0	\$157,211	\$786,053
8	P2022_5307_SUBS_OPER	\$967,487	\$0	\$967,488	\$1,934,975
2	P2022_5307_SUB_CAPITAL	\$166,595	\$0	\$41,649	\$208,244
13	TOTAL	\$1,788,261	\$0	\$1,191,685	\$2,979,946

NCDOT October 2021 Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
Statewide 80000.1.2.1	The Rail Division requests additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funding for the track and infrastructure program management. The additional funding will allow for ongoing annual program and project management of track and safety infrastructure assistance projects. The total estimated cost to the Department is \$800,000. FRRCSI ID: F22199	\$800,000
Statewide 80000.2.2.3	The Rail Division requests additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funding for corridor protection and preservation efforts on State-owned railroad corridors. This additional funding will allow for ongoing annual contractual maintenance efforts of these corridors. The total estimated cost to the Department is \$800,000. FRRCSI ID: F22499	\$800,000
Statewide 80000.3.2.1	The Rail Division requests additional Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds for grant management, agreement and project development efforts for FRRCSI grant projects, and will allow for ongoing annual agreement development and preparation, management, execution, and monitoring efforts. The total estimated cost to the Department is \$1,000,000. FRRCSI ID: F22399	\$1,000,000
Division 10 Cabarrus County 80000.3.4.1	The Rail Division requests board approval of Freight Rail & Rail Crossing Safety Improvement (FRRCSI) funds to assist in construction improvements on the Aberdeen Carolina and Western (ACWR) railway corridor. The project will construct a truck-rail transload facility to include upgrades of existing rail spurs as part of transload operations. ACWR will be responsible for construction of the project. ACWR will be responsible for 50% of the total project costs. The total estimated cost to the Department is \$1,110,000. FRRCSI ID: F22301	\$1,110,000

ITEM I - 2 SUMMARY – 4 PROJECTS - (TOTAL STATE) \$3,710,000

NCDOT October 2021 Board of Transportation Agenda

Bicycle and Pedestrian Transportation Program

**Town/County
Division**

Project Description

**Estimated
Cost**

There will be no items presented for approval at the October 6, 2021, Board of Transportation meeting.

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT October 2021 Board of Transportation Agenda

Aviation Program

Division Airport County	Project Description	Estimate
Division 1 Plymouth Municipal Airport Washington County	Parallel Taxiway (CA/RPR) (Amendment) 36237.40.14.2 This request will provide additional federal apportionment funds needed for construction inspection. The Safety Enhancement Program will provide state aid for local match. (PR# 4313)	\$61,000 Total \$54,900 Fed \$6,100 State \$0 Local
Division 1 Tri-County Airport Hertford County	Parallel Taxiway (Design/Bid) (Amendment) 36244.14.5.1 This request will provide additional funds necessary to complete the Environmental Assessment that was identified during preliminary design. The Safety Enhancement Program will provide state aid for local match. (PR #2642/2643)	\$110,000 Total \$110,000 State \$0 Local
Division 1 Northeastern Regional Airport Chowan County	Partial Parallel Taxiway, Taxiway Rehabilitation and Lighting Rehabilitation (Design/Bid) (Amendment) 36244.22.8.1 This request will provide additional design funds necessary to complete the construction safety and phasing plan of the partial parallel taxiway, complete rehabilitation of the existing taxiway and replace taxiway lighting. The Safety Enhancement Program will provide state aid for local match. (PR# 2477/2475/4530)	\$150,000 Total \$150,000 State \$0 Local
Division 1 Northeastern Regional Airport Chowan County	Runway Pavement and Lighting Rehabilitation (Design/Bid) (Amendment) 36237.15.16.1 This request is for Safety Enhancement funds to complete additional design needed to complete the construction safety and phasing plan of the project to minimize impacts to airport operations. (PR # 4280/4361)	\$7,500 Total \$7,500 State \$0 Local

NCDOT October 2021 Board of Transportation Agenda

Aviation Program

Division 2	Project Little Fish (Design/Construction) WBS TBD	\$1,520,000 Total
Michael J Smith Field	This request is for the upfit of an existing aircraft	\$400,000 State
Carteret County	hangar and development site work for a new hangar. This project has met the requirements for economic development funds and will be awarded based on available funds. (PR# 4512)	\$1,120,000 Other
Division 5	Project Flight (Design/Construction) WBS TBD	\$5,300,000 Total
Triangle North	This request is for the design and construction of the	\$1,600,000 State
Executive Airport	access road needed to support hangar development	\$3,700,000 Other
Franklin County	and an apron expansion. This project has met the requirements for economic development funds and will be awarded based on available funds. (PR# 3535)	
Division 11	Runway Protection Zone Obstruction Clearing (Construction) (Amendment) 36244.29.9.1	\$25,000 Total
Ashe County Airport	This request will provide additional funds needed for	\$22,500 State
Ashe County	complete clearing and mulching of trees within the runway protection zone that create a safety hazard. (PR# 3984)	\$2,500 Local

ITEM I - 4 SUMMARY – 7 REQUESTS – Total Cost: \$7,173,500

Total Federal Cost: \$54,900

Total State Aid Cost \$ 2,296,100

Total Local/Other Investment \$ 4,822,500

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

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Dare Co. Div. 1 B-2500C REGIONAL	WBS 32635.3.11 Improvements at the intersection of NC 12 and Coquina Beach Road/Bodie Island Lighthouse Road. Initial funds are requested for construction.	\$1,700,000.00
Gates Co. Div. 1 R-5808 DIVISION	WBS 46972.1.1 US 158 from SR 1002 (Acorn Hill Road) to Pasquotank County Line. \$1,400,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$151,997.63). WBS will be closed.	-\$151,997.63
Hyde Co. Div. 1 AV-5812 DIVISION	WBS 47169.3.1 Hyde County Airport (7W6). Extend runway to 5000 feet. Initial funds are requested for construction.	\$822,000.00
Carteret Co. Div. 2 U-6058 REGIONAL	WBS 47482.2.1 US 70 (Live Oak Street) at NC 101. Initial funds are requested of full right of way.	\$858,940.00
Carteret Co. Div. 2 U-6058 REGIONAL	WBS 47482.2.2 US 70 (Live Oak Street) at NC 101. Initial funds are requested for utilities.	\$192,500.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 R-1015WM REGIONAL/ DIVISION	WBS 34360.4.2 US 70 (Havelock Bypass). \$16,580,587.00 has previously been approved for mitigation. Additional Ecosystem Enhancement Program funds are needed to cover expenditures that have or will exceed the previously authorized budget using 50% Regional (\$191,550.00) / 50% Division (\$191,550.00) Tier funding.	\$383,100.00
Craven Co. Div. 2 R-5777C STATEWIDE	WBS 44648.1.4 US 70 from Thurman Road to Havelock Bypass. \$6,130,990.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$25,000.00
Pitt Co. Div. 2 R-2250 REGIONAL	WBS 34411.2.5 NC 11-903 Greenville Southwest Bypass from NC 11 to US 264(Greenville Bypass). \$54,000,000.00 has previously been approved for full right of way. Funds need to be decreased (\$21,000,000.00). Funds are not needed at this time.	-\$21,000,000.00
Brunswick Co. Div. 3 R-5021WM DIVISION	WBS 41582.4.1 NC 211 from SR 1500 (Midway Road) to NC 87. \$5,298,085.00 has previously been approved for mitigation. Additional Ecosystem Enhancement Program funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$122,400.00
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$108,050,000.00 has previously been approved for acquisition of specific parcels. Funds need to be decreased (\$1,500,000,.00). Funds are not needed at this time. This project has previously been identified as a Trust Fund Intrastate System project.	-\$1,500,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Onslow Co. Div. 3 U-5903 DIVISION	WBS 44684.1.1 SR 1336 (Henderson Drive) from SR 1308 (Gum Branch Road) to NC 53 (Western Boulevard). \$1,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$761,809.21). Funds are not needed at this time.	-\$761,809.21
Pender/ New Hanover Cos. Div. 3 R-3300 REGIONAL	WBS 40237.2.3 US 17 Hampstead Bypass from US 17 to US 17 north of Hampstead. \$3,449,076.00 has previously been approved for Map Act Appraisals and to allow for acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$498,000.00
Pender/ New Hanover Cos. Div. 3 R-3300B REGIONAL	WBS 40237.2.5 US 17 (proposed Hampstead Bypass) from NC 210 to US 17 north of Hampstead. \$25,505,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$54,530,000.00
Statewide Div. 3 M-0488C REGIONAL	WBS 46404.1.15 Hampstead Bypass - Map Act Lawsuit. \$1,472,200.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$211,000.00
Edgecombe/ Nash Cos. Div. 4 P-5711 STATEWIDE	WBS 44908.1.1 CSX A LINE. Construct freight rail and intermodal terminal infrastructure (CCX) along National Gateway Corridor. \$35,000,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$3,000,000.00). Funds are not needed at this time.	-\$3,000,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Johnston Co. Div. 4 R-3825B DIVISION	WBS 34552.2.4 NC 42 from east of SR 1902 (Glen Laurel Road) to SR 1003 (Buffalo Road). \$18,965,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$456,000.00
Johnston Co. Div. 4 R-3825B DIVISION	WBS 34552.3.5 NC 42 from east of SR 1902 (Glen Laurel Road) to SR 1003 (Buffalo Road). \$54,893,102.00 has previously been approved for construction. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$228,000.00
Harnett/ Johnston Cos. Divs. 4/6 I-5986B STATEWIDE	WBS 47532.2.3 I-95 from SR 1001 (Long Branch Road - Exit 71) to I-40 (Exit 81). (Combined with I-5878 and I-5883). \$43,000,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$97,000.00
Durham/ Durham Co. Div. 5 U-0071 STATEWIDE	WBS 34745.3.S2 Durham East End Connector from north of NC 98 to NC 147 (Buck Dean Freeway). \$181,724,931.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$2,879,000.00
Durham Co. Div. 5 U-5745 REGIONAL	WBS 50166.2.1 NC 751 (Hope Valley Road) at SR 1183 (University Drive) intersection in Durham. \$1,468,861.00 has previously been approved for full right of way and utilities. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$122,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 I-5506 STATEWIDE	WBS 43608.3.3 Interchange improvements at I-40 and SR 1002 (Aviation Parkway). \$21,759,584.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$8,220,000.00
Wake Co. Div. 5 R-2721 STATEWIDE	WBS 37673.2.3 Southern Wake Freeway from NC 55 South to US 401 South. \$15,149,809.00 has previously been approved for Map Act Appraisal and to allow for future acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$734,000.00
Wake Co. Div. 5 U-5307 STATEWIDE	WBS 47027.1.6 US 1 from I-540 to SR 1909 (Purnell Road) / SR 1931 (Harris Road) in Wake Forest. \$83,205.00 has previously been approved for advanced property / utility relocation studies. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$100,200.00
Warren Co. Div. 5 I-0914BB(L) STATEWIDE	WBS 38688.3.8 I-85 from North of SR 1237 (Manson Drewry Road) to the Virginia State Line. Initial funds are requested for landscaping. This is a Strategic Transportation Investments Transition project.	\$1,945,124.15
Durham/ Orange Cos. Divs. 5/7 U-5774 REGIONAL	WBS 54037.1.1 NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham. \$2,272,297.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$212,500.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Columbus Co. Div. 6 R-5020B DIVISION	WBS 41499.3.3 US 701 Bypass (Madison Street - Powell Boulevard) from SR 1437 (Virgil Avenue) to US 74 / 76. \$22,000,000.00 has previously been approved for construction. Funds need to be increased by \$10,486,635.23 to reflect the low bid received. This is a Cash Flow project with \$3,495,545.08 in SFY 22, \$3,495,545.08 in SFY 23 and \$3,495,545.07 in SFY 24.	\$10,486,635.23
Cumberland Co. Div. 6 U-2519AB STATEWIDE/ REGIONAL	WBS 34817.2.28 Fayetteville Outer Loop from south of SR 1118 (Parkton Road) to south of SR 1003 (Camden Road). \$26,389,177.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$725,200.00
Fayetteville/ Cumberland Co. Div. 6 U-2519CB STATEWIDE	WBS 34817.3.S8 Fayetteville Outer Loop from south of SR 1400 (Cliffdale Road) to east of SR 1415 (Yadkin Road). \$170,462,983.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$7,531,000.00
Robeson Co. Div. 6 B-5693 DIVISION	WBS 45647.2.1 Replace bridge 59 over Big Marsh Swamp on SR 1924 (Currie Road). \$92,000.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$152,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Alamance Co. Div. 7 U-3109A REGIONAL	WBS 34900.1.4 NC 119 Relocation from I-40/I-85 to north of SR 1921 (Mebane Rogers Road/West StageCoach Road). \$1,700,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,416,183.72). WBS will be closed. This is a BUILD NC BOND project.	-\$1,416,183.72
Alamance Co. Div. 7 U-3109A REGIONAL	WBS 34900.3.5 NC 119 Relocation from I-40/I-85 to north of SR 1921 (Mebane Rogers Road/West StageCoach Road). \$49,100,000.00 has previously been approved for construction. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$1,855,000.00
Burlington/ Alamance Co. Div. 7 U-6010 REGIONAL	WBS 47145.2.2 US 70 (South Church Street) at SR 1226 / SR 1311 (University Drive) in Burlington. Initial funds are requested for utilities.	\$1,200,000.00
Burlington/ Alamance Co. Div. 7 U-6011 REGIONAL	WBS 47146.2.1 US 70 (South Church Street) at SR 1158 (Huffman Mill Road). Initial funds are requested for full right of way.	\$3,000,000.00
Burlington/ Alamance Co. Div. 7 U-6011 REGIONAL	WBS 47146.2.2 US 70 (South Church Street) at SR 1158 (Huffman Mill Road). Initial funds are requested for utilities.	\$600,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford Co. Div. 7 P-5709 REGIONAL	WBS 46920.2.1 Norfolk Southern Railroad H LINE. Initial funds are requested for full right of way.	\$625,000.00
Guilford Co. Div. 7 P-5709 REGIONAL	WBS 46920.2.2 Norfolk Southern Railroad H LINE. Initial funds are requested for utilities.	\$230,000.00
Guilford Co. Div. 7 R-2413A(L) STATEWIDE	WBS 34429.3.12 NC 68 (Combine with R-2413B and I-5110) from four lanes at SR 2011(Edgefield Road) to SR 2127 (Brook Bank Road). Initial funds are requested for landscaping.	\$600,000.00
Guilford Co. Div. 7 R-2413C(L) STATEWIDE	WBS 34429.3.10 US 220 / Future I-73 (Combine with R-2309AB) from Haw River to NC 68 / US 220 intersection. Initial funds are requested for landscaping.	\$200,000.00
Guilford Co. Div. 7 R-5725 REGIONAL	WBS 50474.2.1 NC 68 at SR 2129 (Fogleman Road) to NC 150 intersection in Oak Ridge. Initial funds are requested for full right of way.	\$500,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford Co. Div. 7 U-2412A DIVISION	WBS 34802.3.3 SR 1486/SR 1421 (Jamestown Parkway) from I-74 to west of SR 1480 (Vickrey Chapel Road). \$53,117,368.00 has previously been approved for construction. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$894,113.00
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.2.4 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). \$42,032,824.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$4,000,000.00). Funds are not needed at this time. This project has previously been identified as a Trust Fund Urban Loop project.	-\$4,000,000.00
Greensboro/ Guilford Co. Div. 7 U-2525C STATEWIDE	WBS 34821.1.5 Greensboro Eastern Loop from US 29 north of Greensboro to SR 2303 (Lawndale Drive). \$6,526,428.00 has previously been approved for preliminary engineering. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project. This is a BUILD NC BOND project.	\$290,000.00
Guilford Co. Div. 7 U-4015A DIVISION	WBS 35013.1.4 SR 1556 (Gallimore Dairy Road) from NC 68 to Airpark Road. \$839,793.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$158,400.00
Orange Co. Div. 7 U-5854 DIVISION	WBS 46382.1.1 SR 1008 (Mt. Carmel Church Road) at SR 1913 (Bennett Road) in Chapel Hill. \$466,803.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$113,624.90). WBS will be closed.	-\$113,624.90

**NCDOT October 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rockingham Co. Div. 7 R-5704 REGIONAL	WBS 46376.1.1 NC 87 at SR 1998 (Wentworth Street) / SR 1001 (Sandy Cross Road). \$504,146.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$117,707.90). WBS will be closed.	-\$117,707.90
Chatham Co. Div. 8 R-5724A DIVISION	WBS 50217.2.2 US 15 / 501 from south of US 64 Business to north of US 64 Business. \$110,588.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$406,700.00
Sanford/ Lee Co. Div. 8 U-5709 DIVISION	WBS 50159.2.1 SR 1237 (Carthage Street) from SR 1152 (Fire Tower Road) to NC 42 (Wicker Street) in Sanford. Initial funds are requested for full right of way.	\$2,919,000.00
Sanford/ Lee Co. Div. 8 U-5709 DIVISION	WBS 50159.2.2 SR 1237 (Carthage Street) from SR 1152 (Fire Tower Road) to NC 42 (Wicker Street) in Sanford. Initial funds are requested for utilities.	\$1,650,000.00
Moore Co. Div. 8 AV-5855 DIVISION	WBS 47208.3.1 Moore County Airport (SOP), construct hangar taxiways and internal airfield service road. \$2,900,000.00 has previously been approved for construction. Additional funds are requested.	\$250,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Randolph Co. Div. 8 R-2536 STATEWIDE	WBS 34450.3.8 US 64 Asheboro Southern Bypass from US 64 West of Asheboro to existing US 64 East of Asheboro and Zoo Connector from East of SR 2839 (Staleys Farm Road) to existing NC 159 Zoo Entrance. \$284,059,554.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$124,500.00
Davidson Co. Div. 9 R-5737 DIVISION	WBS 50195.3.1 US 29 / US 70 / Business 85 at SR 1798 (Old Greensboro Road). Initial funds are requested for construction. This is a Cash Flow project with \$6,126,000.00 in SFY 22, \$11,897,000.00 in SFY 23, \$7,730,000.00 in SFY 24 and \$1,747,000.00 in SFY 25.	\$27,500,000.00
Davie Co. Div. 9 U-6002 DIVISION	WBS 47137.2.1 Wilkesboro Street at Yadkinville Road in Mocksville. \$463,800.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$103,000.00
Forsyth Co. Div. 9 R-2247 STATEWIDE	WBS 34409.1.1 Winston Salem Northern Beltway from US 158 to US 52. \$19,902,774.00 has previously been approved for preliminary engineering. Additional funds are requested. This project has previously been identified as a Trust Fund Urban Loop project.	\$25,000.00
Forsyth Co. Div. 9 R-2247A REGIONAL	WBS 34409.1.15 Winston-Salem Northern Beltway from US 158 to South of I-40. Initial funds are requested for preliminary engineering.	\$75,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Forsyth Co. Div. 9 R-2247B REGIONAL	WBS 34409.1.16 Winston-Salem Northern Beltway Western Section from south of I-40 to south of the US 421 Interchange. Initial funds are requested for preliminary engineering.	\$75,000.00
Forsyth Co. Div. 9 R-2247D REGIONAL	WBS 34409.1.20 Winston-Salem Northern Beltway (Western Section), north of SR 1348 (Robinhood Road - Meadowlark Drive) to NC 67. \$25,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00
Forsyth Co. Div. 9 R-2247D STATEWIDE/ REGIONAL	WBS 34409.2.10 Winston-Salem Northern Beltway (Western Section), north of SR 1348 (Robinhood Road - Meadowlark Drive) to NC 67. \$10,130,198.00 has previously been approved for appraisal and acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project.	\$178,000.00
Forsyth Co. Div. 9 R-2247EA REGIONAL	WBS 34409.1.21 Winston-Salem Northern Beltway from NC 67 to south of US 52. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$75,000.00
Forsyth Co. Div. 9 R-2247EA REGIONAL	WBS 34409.2.27 Winston-Salem Northern Beltway from NC 67 to south of US 52. \$17,800,000.00 has previously been approved for full right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$26,400,000.00

**NCDOT October 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Forsyth Co. Div. 9 R-2247EB STATEWIDE	WBS 34409.2.28 Winston-Salem Northern Beltway Interchange at US 52. \$1,146,515.00 has previously been approved for Map Act Appraisal & future acquisition of specific parcels. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$10,200,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579 STATEWIDE	WBS 34839.1.1 The Winston-Salem Northern Beltway (Eastern Section) from US 52 to US 311. \$20,837,742.00 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 has previously been identified as a Trust Fund Urban Loop project.	\$256,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579AB REGIONAL	WBS 34839.2.4 Winston-Salem Northern Beltway Eastern Section (Future I-74) from I-40 to I-40 Business / US 421. \$132,105,020.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Urban Loop project.	\$680,000.00
Winston-Salem/ Forsyth Co. Div. 9 U-2579D STATEWIDE	WBS 34839.2.7 Winston-Salem - Northern Beltway (Eastern Section) from US 311 to SR 2211 (Baux Mountain Road). \$108,703,784.00 has previously been approved for full right of way and utilities. Funds need to be decreased (\$30,000,000.00). Funds are not needed at this time. This project has previously been identified as a Trust Fund Urban Loop project.	-\$30,000,000.00
Rowan Co. Div. 9 U-5820A DIVISION	WBS 44392.2.1 New Route - from SR 2576 (Bendix Drive) to SR 1006 (Faith Road) in Salisbury. \$3,056,648.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$100,300.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rowan Co. Div. 9 U-6237 DIVISION	WBS 49069.3.1 SR 2120 (Long Ferry Road) from SR 2183 (I-85 Service Road) near Spencer. \$365,000.00 has previously been approved for construction. Funds need to be decreased (\$159,382.96). Funds are not needed at this time. WBS will be closed. This is an Economic Development project.	-\$159,382.96
Rowan Co. Div. 9 W-5516 DIVISION	WBS 44105.3.2 SR 1221 (Old Beatty Ford Road) from SR 1210 (Old Beatty Ford Road) /SR 1221 (Bostian Road) to SR 1337 (Lentz Road). \$12,700,000.00 has previously been approved for construction. Funds need to be decreased (\$5,600,493.03). WBS will be closed.	-\$5,600,493.03
Anson Co. Div. 10 B-4410A DIVISION	WBS 33688.1.2 SR 1657 (Pinkston Road). Install waterline in Town of Ansonville per utility construction agreement. Initial funds are requested for preliminary engineering.	\$60,000.00
Cabarrus Co. Div. 10 U-4910A DIVISION	WBS 40373.2.D1 SR 1445 (Derita Road) from SR 2894 (Concord Mills Boulevard) to Aviation Boulevard. \$2,230,864.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$384,600.00
Mecklenburg Co. Div. 10 P-5705A STATEWIDE	WBS 44475.3.1 Charlotte Gateway Station - Wye Connection Track at Charlotte Junction. Initial funds are requested for construction. This is a Cash Flow project with \$4,211,000.00 in SFY 22 and SFY 23.	\$8,422,000.00

**NCDOT October 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-5955A REGIONAL	WBS 46892.1.3 NC 16 (Brookshire Boulevard). Improve I-85 Northbound Ramp to Eastbound NC 16. Initial funds are requested for preliminary engineering.	\$275,000.00
Avery Co. Div. 11 R-5911 DIVISION	WBS 48466.1.1 US 19E at NC 194 intersection. \$79,313.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$108,000.00
Caldwell Co. Div. 11 R-2237C STATEWIDE	WBS 34402.2.6 US 321 from south of SR 1500 (Blackberry Road) to US 221 at Blowing Rock. \$50,988,951.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project.	\$1,340,000.00
Catawba Co. Div. 12 I-5915 STATEWIDE	WBS 45919.1.1 I-40 from Milemarker 130.7 to Milemarker 150.2. \$650,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$581,830.52). WBS will be closed.	-\$581,830.52
Catawba Co. Div. 12 I-5991 STATEWIDE	WBS 47537.1.1 I-40 from US 321 (Exit 123) to NC 16. \$1,230,893.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$212,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cleveland Co. Div. 12 R-2707E REGIONAL	WBS 34497.2.15 US 74 Shelby Bypass from US 74 West of SR 2238 (Long Branch Road) to West of SR 1001 (Stoney Point Road). \$6,265,320.00 has previously been approved for advanced acquisition of properties that are total takes. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,920,000.00
Cleveland Co. Div. 12 R-2707F STATEWIDE	WBS 34497.1.6 US 74 (Shelby Bypass) from east of SR 1318 (Kimbrell Road) to east of NC 226. \$792,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$616,041.10). WBS will be closed.	-\$616,041.10
Cleveland Co. Div. 12 R-2707F STATEWIDE	WBS 34497.3.9 US 74 (Shelby Bypass) from east of SR 1318 (Kimbrell Road) to east of NC 226. \$22,060,325.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$123,500.00
Buncombe Co. Div. 13 AV-5882 STATEWIDE	WBS 48140.1.1 Asheville Regional Airport. Expand terminal apron to the south. \$550,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$158,196.37). WBS will be closed.	-\$158,196.37
Buncombe Co. Div. 13 I-4700B STATEWIDE	WBS 36030.1.6 I-26 from NC 146 (Long Shoals Road - Exit 37) to I-40. \$200,000.00 has previously been approved for advanced property / utility relocation studies. Funds need to be decreased (\$189,767.98). WBS will be closed.	-\$189,767.98

**NCDOT October 2021 Board of Transportation Agenda
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Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Burke Co. Div. 13 R-3430B DIVISION	WBS 34544.1.4 Replace bridge 10 over Catawba River on SR 1001 (Connelly Springs Road). Initial funds are requested for preliminary engineering.	\$500,000.00
Rutherford Co. Div. 13 U-5833 DIVISION	WBS 50225.1.1 SR 2241 (Oak Street) from SR 2159 (Pine Ridge Road) to US 74. \$1,392,668.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$590,317.02). WBS will be closed. This is a BUILD NC BOND project.	-\$590,317.02
Yancey Co. Div. 13 R-2518B REGIONAL	WBS 34445.4.2 US 19 from 0.8 KM East of Madison County Line to SR 1336 (Jacks Creek Road). \$111,513,599.00 has previously been approved for construction. Funds need to be decreased (\$1,567,480.91). WBS will be closed. This project has previously been identified as a Trust Fund Intrastate System project.	-\$1,567,480.91
Yancey Co. Div. 13 R-2519A STATEWIDE	WBS 35609.2.1 US 19 from east of SR 1336 (Jacks Creek Road) to NC 80 in Yancey County. \$25,148,158.00 has previously been approved for full right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project has previously been identified as a Trust Fund Intrastate System project.	\$176,100.00
Graham Co. Div. 14 R-2822B REGIONAL	WBS 34508.1.2 NC 143 from West Buffalo Creek to NC 143 Business. \$2,703,199.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$25,000.00). Funds are not needed at this time.	-\$25,000.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Henderson Co. Div. 14 B-6022 DIVISION	WBS 48217.1.2 Henderson County Bridge -Lawsuit. Initial funds are requested for preliminary engineering.	\$10,000.00
Henderson Co. Div. 14 R-5207C DIVISION	WBS 45393.3.5 SR 1006 (Howard Gap Road) from SR 1539 (Jackson Road) to US 25 in Fletcher. \$2,297,271.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$223,300.00
Henderson Co. Div. 14 R-5748 DIVISION	WBS 50203.1.D1 SR 1127 (Kanuga Road) from US 25 Business (Church Street) to SR 1123 (Little River Road). \$1,686,387.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$135,200.00
Macon Co. Div. 14 R-5734A DIVISION	WBS 50192.3.1 US 23/ US 441 from US 64 to SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle). \$9,890,212.00 has previously been approved for construction. Additional Strategic Transportation Investments funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a BUILD NC BOND project.	\$1,437,000.00
Polk Co. Div. 14 I-5927 STATEWIDE	WBS 45936.1.1 I-26 from Milemarker 65 to South Carolina State Line. \$1,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$130,100.00

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide F-5703B DIVISION	WBS 47256.3.2 Two support/anchor tugs, one support tug and three barges. \$8,800,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$100,200.00
Statewide M-0194A STATEWIDE	WBS 34263.1.6 Realigning Douglass Gate feasibility study for JUMPO. Initial funds are requested for preliminary engineering.	\$10,000.00
Statewide M-0479 STATEWIDE/ REGIONAL/ DIVISION	WBS 46314.1.S1 Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects. \$20,938,334.00 has previously been approved for preliminary engineering. Additional funds are requested using 40% Statewide (\$600,000.00) / 30% Regional (\$450,000.00) / 30% Division (\$450,000.00) Tier funding.	\$1,500,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	30 PROJECTS	\$3,594,688.18
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	28 PROJECTS	\$71,908,567.47
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	30 PROJECTS	\$41,829,223.48
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$1,500,000.00
REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$383,100.00
STATEWIDE/REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$903,200.00
STRATEGIC TRANSPORTATION INVESTMENTS	92 PROJECTS	\$120,118,779.13

October 07, 2021

**NCDOT OCTOBER 2021 BOARD OF TRANSPORTATION AGENDA
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.	PROJECT DESCRIPTION	ESTIMATED COST
JOHNSTON CO. DIV. 4 SS-4904EA	WBS 46943.3.1 NC 39 AT SR 1934 (OLD BEULAH ROAD). \$30,841 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR INTERSECTION IMPROVEMENTS TO INCLUDE ISLAND AND STOP SIGN INSTALLATION, PAVEMENT MARKING AND WARNING SIGN REVISIONS, AND SIGHT DISTANCE IMPROVEMENTS. PROJECT WAS CONSTRUCTED UNDER SS- 6004V. REDUCE FUNDS AND DELETE PROJECT. FILE 04-16-40033-2	(\$29,586.88)
WINSTON- SALEM / FORSYTH CO. DIV. 9 SS-6009A	WBS 48982.3.1 NC 67 (SILAS CREEK PARKWAY) AT THE BOLTON STREET INTERCHANGE BRIDGE. \$77,850 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR CRASH ATTENUATOR AND GUARDRAIL INSTALLATION. ADDITIONAL FUNDS ARE NEEDED DUE TO AN INCREASE IN CONSTRUCTION COSTS. FILE 09-19-7926-1	\$39,400.00
DAVIDSON CO. DIV. 9 SS-6009L	WBS 49426.1.1 NC 109 FROM SR 1798 (OLD GREENSBORO ROAD)/SR 1756 (WEST LEXINGTON AVENUE) TO SR 1711 (GUMTREE ROAD). \$19,800 IN SPOT SAFETY PRELIMINARY ENGINEERING FUNDS HAS PREVIOUSLY BEEN APPROVED FOR EDGELINE AND CENTERLINE PAVEMENT MARKINGS REVISIONS. PROJECT WILL BE CONSTRUCTED UNDER W-5809A. REDUCE FUNDS AND DELETE PROJECT. FILE 09-20-0949-3	(\$19,675.64)

**NCDOT OCTOBER 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.	PROJECT DESCRIPTION	ESTIMATED COST
DAVIDSON CO. DIV. 9 SS-6009L	WBS 49426.3.1 NC 109 FROM SR 1798 (OLD GREENSBORO ROAD)/SR 1756 (WEST LEXINGTON AVENUE) TO SR 1711 (GUMTREE ROAD). \$218,000 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR EDGELINE AND CENTERLINE PAVEMENT MARKINGS REVISIONS. PROJECT WILL BE CONSTRUCTED UNDER W-5809A. REDUCE FUNDS AND DELETE PROJECT. FILE 09-20-0949-2	(\$217,916.97)
SURRY CO. DIV. 11 SS-6011G	WBS 49444.3.1 US 601 (MP 4.41) AT NC 268 (MP 12.20). \$22,500 IN SPOT SAFETY CONSTRUCTION FUNDS HAS PREVIOUSLY BEEN APPROVED FOR TRAFFIC SIGNAL, WARNING SIGN, FLASHING BEACON, AND PAVEMENT MARKING REVISIONS. ADDITIONAL FUNDS ARE NEEDED DUE TO AN INCREASE IN CONSTRUCTION COSTS. FILE 11-20-201-1	\$8,500.00
ITEM L SUMMARY	5 PROJECTS	(\$219,279.49)

**NCDOT OCTOBER 2021 BOARD OF TRANSPORTATION AGENDA
APPROVAL OF FUNDS FOR SPECIFIC SPOT SAFETY IMPROVEMENT
PROJECTS AND FOR SPECIFIC SPOT MOBILITY PROJECTS**

**ACCORDING TO EXECUTIVE ORDER NO. 2 AND G.S. 143B-350(G) THE BOARD IS REQUESTED TO
CONCUR WITH STAFF RECOMMENDATIONS AND DELEGATE AUTHORITY TO THE SECRETARY TO
APPROVE FUNDS FOR SPECIFIC SPOT SAFETY AND SPOT MOBILITY IMPROVEMENT PROJECTS**

CORRECTION TO ITEM L OF SEPTEMBER 2, 2021:

PAGE L-10: PROJECT SM-5705AD, WBS 48724.3.1, DIVISION 5, WAKE COUNTY:
ESTIMATED COST IS CHANGED FROM \$221.44 TO \$1194.36

**NCDOT October 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. HS-2002G REGIONAL	49300.1.8, Federal No. 0058025 NC 58 (Salter Path Road) at the Ocean Club entrance, 1,490-feet west of Tradewinds Drive. Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State
Craven Co. HS-2002F DIVISION	49300.1.7, Federal No. 1001096 SR 1001/SR 1256 (Main Street) at SR 1005 (Sunset Boulevard). Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Pitt Co. HS-2002E REGIONAL	49300.1.6, Federal No. 0264074 US 264 Alternate (Greenville Boulevard) at SR 1534 (Old Pactolus Road). Funds are needed for preliminary engineering.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State

Rural

Carteret Co. R-5968BA STATEWIDE	48797.3.2, Federal No. 0024088 NC 24 (Westbound McLean Drive) between Anita Forte Drive and Yaupon Drive in Cape Carteret. Funds are needed for the reconstruction/retrofit of 2 Stormwater BMP Wetland Mitigation Sites in compliance with the Department's National Pollutant Discharge Elimination System (NPDES).	\$300,000.00 \$240,000.00 \$60,000.00	Cost Fed. State
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October 7, 2021

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

Division 3

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Duplin Co. ER-5600CG DIVISION	46305.3.68, Federal No. 0050020 Landscaping improvements along NC 50, NC 11 and Business NC 24 in Kenansville. Funds are needed for construction.	\$48,000.00 \$38,400.00 \$9,600.00	Cost Fed. State

Urban

New Hanover Co. U-6233 DIVISION	48929.2.1, 0308011 US 421 (Lake Park Boulevard) and Hamlet Avenue in Carolina Beach. Funds are needed for full right of way. State match for this project uses High Impact/Low Cost funds.	\$40,000.00 \$32,000.00 \$8,000.00	Cost Fed. State
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Bridge

Sampson Co. B-5621 DIVISION	45576.3.1, 1904003 Replace Bridge #248 over Six Runs Creek on SR 1904 (Pine Ridge Road). Funds are needed for construction. This is a 2-year cash flow project with \$959,938.00 in FY22, \$516,889.00 in FY23, and state match of \$239,985.00 in FY22 and \$129,223.00 in FY23.	\$1,846,035.00 \$1,476,827.00 \$369,208.00	Cost Fed. State
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Rural

Brunswick Co. R-5021 DIVISION	41582.3.1, STP-0211(021) NC 211 from SR 1500 (Midway Road) to NC 87, roadway improvements. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 26, 2021. This is a 5-year cash flow project with federal funds of \$24,848,800.00 in FY22, \$33,969,600.00 in FY23, \$27,874,400.00 in FY24, \$19,719,200.00 in FY25 and \$6,628,000.00 in FY26, and state match of \$6,212,200.00 in FY22, \$8,492,400.00 in FY23, \$6,968,600.00 in FY24, \$4,929,800.00 in FY25 and \$1,657,000.00 in FY26.	\$141,300,000.00 \$113,040,000.00 \$28,260,000.00	Cost Fed. State
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October 7, 2021

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

Division 4

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Edgecombe Co. I-6041A STATEWIDE	47990.3.2, Federal No. 0087045 US 64 (Future I-87): Bridge rehabilitation for Bridges #155, #148, #153, #156, #104, #320, #325, #154, #157 and #326 in Edgecombe County. Funds are needed for construction.	\$3,250,000.00 \$2,600,000.00 \$650,000.00	Cost Fed. State
Edgecombe Co. I-6042A STATEWIDE	47991.3.2, Federal No. 0087046 US 64 (Future I-87): Bridge rehabilitation for Bridge #327 and #328. Funds are needed for construction.	\$300,000.00 \$240,000.00 \$60,000.00	Cost Fed. State
Nash Co. I-6045A STATEWIDE	47994.3.1, Federal No. 0087047 US 64 (Future I-87): Bridge rehabilitation for Bridge #072 and #074. Funds are needed for construction.	\$520,000.00 \$416,000.00 \$104,000.00	Cost Fed. State

Safety

Halifax/ Wilson Cos. HS-2004J DIVISION	49306.3.11, Federal No. 00SS121 93 Secondary Roads and 10 Primary Routes in 2 counties (Halifax, Wilson) in Division 4. Funds are needed for construction to install long life pavement markings.	\$4,336,000.00 \$3,902,400.00 \$433,600.00	Cost Fed. State
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**NCDOT October 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	
Johnston Co.	49306.1.13, Federal No. 0242007	\$140,000.00	Cost
HS-2004L	NC 242 between 0.08 mile and 0.31 mile north of SR 1116	\$126,000.00	Fed.
REGIONAL	(Godwin Lake Road). Funds are needed for preliminary engineering.	\$14,000.00	State
Nash Co.	49306.1.14, Federal No. 0048010	\$240,000.00	Cost
HS-2004M	NC 48 (Goldrock Road) at Waterloo Drive/Roundtree Drive;	\$216,000.00	Fed.
REGIONAL	NC 48 (Goldrock Road) at Greyson Road/Cunningham Drive. Funds are needed for preliminary engineering.	\$24,000.00	State

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

Division 5

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Durham/ Granville Cos. HI-0001 STATEWIDE	49634.3.1, Federal No. 0085064 I-85/US 15 from north of SR 1637 (Redwood Road) in Durham County to south of US 15/SR 1100 (Gate One Road) in Granville County. Funds are needed for construction for pavement rehabilitation.	\$2,450,000.00 Cost \$1,960,000.00 Fed. \$490,000.00 State

Safety

Durham Co. HS-2005D DIVISION	49309.1.5, Federal No. 1303010 SR 1303 (Pickett Road) at SR 1116 (Garrett Road/Luna Lane). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Durham Co. HS-2005E REGIONAL	49309.1.6, Federal No. 0015059 US 15-501 Business (Durham-Chapel Hill Boulevard) at NC 751 (Academy Road). Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State
Durham Co. W-5705V REGIONAL	44851.3.22, HSIP-0054(030) Intersection of NC 54 and Huntingridge Road. Funds are needed for construction to upgrade traffic signal and provide pedestrian accommodations.	\$73,000.00 Cost \$65,700.00 Fed. \$7,300.00 State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wake/ Vance Cos. W-5705AF REGIONAL	44851.3.32, HSIP-01458(075) Intersection of US 158 and SR 1295 (Ruin Creek Road). Funds are needed for construction to upgrade a traffic signal.	\$64,000.00 \$57,600.00 \$6,400.00	Cost Fed. State
Vance Co. W-5705G DIVISION	44851.1.7, HSIP-1001(075) SR 1001 (Warrenton Road) at SR 1507 (Brookston Road). \$60,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Wake Co. HS-2005F DIVISION	49309.1.7, Federal No. 0520126 Downtown Raleigh Business District; traffic signal revisions at various locations due to pedestrian safety study. Funds are needed for preliminary engineering.	\$200,000.00 \$180,000.00 \$20,000.00	Cost Fed. State
Wake Co. W-5705AA DIVISION	44851.3.27, HSIP-2026(003) SR 2026 (Hammond Road) at Chapanoke Road in Raleigh. Funds are needed for construction to upgrade a traffic signal.	\$82,000.00 \$73,800.00 \$8,200.00	Cost Fed. State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wake Co. W-5705AB DIVISION	44851.3.28, HSIP-4363(001) SR 4363 (Martin Luther King, Jr. Boulevard) at State Street in Raleigh. Funds are needed for construction to upgrade a traffic signal.	\$69,000.00 \$62,100.00 \$6,900.00	Cost Fed. State
Wake Co. W-5705AC REGIONAL	44851.3.29, HSIP-0055(068) NC 55 at SR 1399 (James Slaughter Road). Funds are needed for construction to upgrade a traffic signal.	\$50,000.00 \$45,000.00 \$5,000.00	Cost Fed. State
Wake Co. W-5705AD DIVISION	44851.3.30, HSIP-1827(005) SR 1827 (Lynn Road) at Hillburn Drive in Raleigh. Funds are needed for construction to upgrade a traffic signal.	\$101,000.00 \$90,900.00 \$10,100.00	Cost Fed. State
Wake Co. W-5705AH DIVISION	44851.3.34, HSIP-1564(005) SR 1564 (Wilmington Street) at Illeagnes Road/Rush Street in Raleigh. Funds are needed for construction to upgrade a traffic signal.	\$74,000.00 \$66,600.00 \$7,400.00	Cost Fed. State

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

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Warren Co.	49309.3.3, 0903014	\$103,000.00	Cost
HS-2005B	NC 903 Causeway at Eatons Ferry Bridge over Lake Gaston.	\$92,700.00	Fed.
REGIONAL	Funds are needed for construction to upgrade guardrail.	\$10,300.00	State

Rail Program

Durham Co.	42801.3.F2, CMS-000S(781)	\$9,375,000.00	Cost
P-2918	Carolinian/Piedmont Passenger Rail Service between Charlotte	\$7,500,000.00	Fed.
EXEMPT	and Raleigh. \$36,678,205.00 has previously been approved for this route. Additional funds are needed for continued operation of third daily frequency run. State Match for this project uses State Appropriation Contracted Services.	\$1,875,000.00	State

Rural

Granville Co.	48797.3.3, Federal No. 0085061	\$300,000.00	Cost
R-5968EA	I-85 at SR 1100 (Gate One Road) near Butner. Funds are	\$240,000.00	Fed.
STATEWIDE	needed for the construction of three (3) stormwater BMP retrofits being constructed for compliance with NCDOT's National Pollutant Discharge Elimination System (NPDES), permit (NCS000250) and the Falls Lake Green Program.	\$60,000.00	State
Wake Co.	44915.3.13, Federal No. 0505106	\$530,000.00	Cost
R-5785G	ADA Ramps (Americans with Disabilities Act) for areas with	\$424,000.00	Fed.
DIVISION	populations > 200,000 in Rolesville, Wake Forest and Wendell. Funds are needed for construction to install curb ramps and retrofit existing ramps. State Match for this project uses Division 5 Contract Resurfacing funds.	\$106,000.00	State

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

Division 5 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Durham/ Durham Co. EB-5703 DIVISION	51049.1.1, TAP-0505(077) LaSalle Street from Kangaroo Drive to Sprunt Avenue. Construct sidewalk on both sides from Kangaroo Drive to US 70 Business (Hillsborough Road) and on one side from Hillsborough Road to Sprunt Avenue. \$161,304.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$110,055.00 \$88,044.00 \$22,011.00	Cost Fed. Local
Wake Co. BL-0023 DIVISION	49607.1.1, Federal No. 0510011 SR 1152 (Holly Springs Road) from Flint Point Lane to Middlecrest Way in Holly Springs. Enhance pedestrian safety. Funds are needed for preliminary engineering.	\$8,000.00 \$4,000.00 \$4,000.00	Cost Fed. Local
Wake Co. BL-0027 DIVISION	49611.1.1, Federal No. 0520129 Crabtree Creek Parkway from Lassiter Mill Road to Hertford Street in Raleigh. Funds are needed for preliminary engineering.	\$5,000.00 \$2,750.00 \$2,250.00	Cost Fed. Local
Wake Co. EB-6048 DIVISION	49178.2.1, Federal No. 2346001 US 64 Business (Wendell Boulevard) from north of SR 2346 (Hanor Lane) to east of SR 2353 (Old Wilson Road) in Wendell. Funds are needed for full right of way.	\$75,000.00 \$60,000.00 \$15,000.00	Cost Fed. Local

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

Division 6

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Harnett Co. I-5878 STATEWIDE	53078.2.2, Federal No. 0095017 I-95 at US 421 (Exit 73) and SR 1793 (Pope Road) (Exit 72). \$10,750,000.00 has previously been approved for right of way. Additional funds are needed as requested.	\$157,000.00 \$125,600.00 \$31,400.00	Cost Fed. State
Harnett Co. I-5883 STATEWIDE- DIVISION	53083.2.2, NHPP-0095(033)74 I-95 at SR 1808 (Jonesboro Road) (Exit 75) to north of SR 1709 (Hodges Chapel Road) (Exit 77). \$8,092,000.00 has previously been approved for right of way. Additional funds are needed as requested.	\$133,000.00 \$106,400.00 \$26,600.00	Cost Fed. State
Robeson Co. I-5939 STATEWIDE	45882.3.1, NHPIM-0095(059) I-95 from the South Carolina State Line (mile-marker 0.00) to SR 1155 (East Dew Road) (mile-marker 5.5), pavement rehabilitation. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 26, 2021. This is a 2-year cash flow project with federal funds of \$6,635,200.00 in FY22 and \$4,804,800.00 in FY23, and state match of \$1,658,800.00 in FY22 and \$1,201,200.00 in FY23.	\$14,300,000.00 \$11,440,000.00 \$2,860,000.00	Cost Fed. State
Robeson Co. I-6064D STATEWIDE- REGIONAL	49067.1.7, Federal No. 0095080 I-95 from mile-marker 13 to mile-marker 22, combined with Project I-5987C, I-95 from south of US 301 to south of proposed I-295. Funds are needed for preliminary engineering.	\$625,000.00 \$500,000.00 \$125,000.00	Cost Fed. State

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

Division 6 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Fayetteville/ Cumberland Co. U-4405A DIVISION	39049.3.2, STPDA-0401(300) US 401 (Raeford Road) from Old Raeford Road to east of Bunce Road, roadway improvements. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 26, 2021. This is a 4-year cash flow project with federal funds of \$7,067,200.00 in FY22, \$8,074,400.00 in FY23, \$5,602,400.00 in FY24 and \$1,096,000.00 in FY25, and state match of \$1,766,800.00 in FY22, \$2,018,600.00 in FY23, \$1,400,600.00 in FY24 and \$274,000.00 in FY25.	\$27,300,000.00 \$21,840,000.00 \$5,460,000.00	Cost Fed. State

Safety

Harnett Co. W-5706W REGIONAL	44852.2.24, Federal No. 0401305 US 401 at SR 2027 (Josey Williams Road/Horseshoe Band Road). Funds are needed for full right of way.	\$60,000.00 \$54,000.00 \$6,000.00	Cost Fed. State
Harnett Co. W-5706W REGIONAL	44852.2.32, Federal No. 0401305 US 401 at SR 2027 (Josey Williams Road/Horseshoe Band Road). Funds are needed for utilities.	\$124,000.00 \$111,600.00 \$12,400.00	Cost Fed. State
Robeson Co. W-5706NN REGIONAL	44852.2.31, HSIP-0710(037) NC 710 at SR 1339 (Deep Branch Road), approximately 1.2 miles west of Pembroke. Funds are needed for utility relocation.	\$165,000.00 \$148,500.00 \$16,500.00	Cost Fed. State

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

Division 6 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Divisionwide R-5786HA DIVISION	44916.3.16, Federal No. 0620065 ADA ramps (Americans with Disabilities Act) for areas with populations < than 5,000. Funds are needed for construction for ADA ramps. State Match for this project uses Division 6 Contract Resurfacing Funds.	\$364,070.00 \$291,256.00 \$72,814.00	Cost Fed. State
Divisionwide R-5786HB DIVISION	44916.3.17, Federal No. 0620066 ADA ramps (Americans with Disabilities Act) for areas with populations > than 5,000. Funds are needed for construction for ADA ramps. State Match for this project uses Division 6 Contract Resurfacing funds.	\$491,930.00 \$393,544.00 \$98,386.00	Cost Fed. State
Cumberland Co. R-5786HC DIVISION	44916.3.18, Federal No. 0620067 ADA ramps (Americans with Disabilities Act) for various locations in Fayetteville. Funds are needed for construction for ADA ramps. State match for this project uses Division 6 Contract Resurfacing funds.	\$428,862.00 \$343,090.00 \$85,772.00	Cost Fed. State

Bicycle and Pedestrian

Harnett Co. EB-6020 DIVISION	48817.1.1, Federal No. 0210044 Junny Road sidewalk extension on North Willow Street from East Julia Street to Junny Road and on South Park Street from West Lillington Street to NC 210 in Angier. Funds are needed for preliminary engineering.	\$180,000.00 \$144,000.00 \$36,000.00	Cost Fed. Local
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October 7, 2021

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

Division 7

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Orange Co. C-5179 DIVISION	46240.1.F1, CMS-0703(025) SR 1750 (North Estes Drive) from NC 86 (Martin Luther King, Jr. Boulevard) to Caswell Road and at NC 86 in Chapel Hill. \$204,800.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$236,500.00 \$189,200.00 \$47,300.00	Cost Fed. Local
Orange Co. C-5179 DIVISION	46240.3.1, CMS-0703(025) SR 1750 (North Estes Drive) from NC 86 (Martin Luther King, Jr. Boulevard) to Caswell Road and at NC 86 in Chapel Hill. \$2,761,618.00 has previously been approved for construction. Additional funds are needed for construction to install sidewalks, bike lanes and intersection improvements.	\$1,177,105.00 \$941,684.00 \$235,421.00	Cost Fed. Local
Orange Co. C-5179 DIVISION	46240.3.2, Federal No. 0703115 SR 1750 (North Estes Drive) from NC 86 (Martin Luther King, Jr. Boulevard) to Caswell Road and at NC 86 in Chapel Hill. Funds are needed for construction to install sidewalks, bike lanes and intersection improvements. This project is funded with COVID-DA funds. This project is 100% federal participation.	\$429,455.00 \$429,455.00	Cost Fed.
Orange Co. C-5650 DIVISION	47643.1.1, CMAQ-1919(002) SR 1919 (Smith Level Road/South Greensboro Street) from Public Works Drive to north end of Old Pittsboro Road in Carrboro. \$50,931.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$165,343.00 \$132,274.00 \$33,069.00	Cost Fed. Local

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

Division 7 (Continued)

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Greensboro/ Guilford Co. U-5532K DIVISION	46297.3.12, Federal No. 0708120 Irving Park Court to Cone Boulevard. Funds are needed for construction of sidewalk, ADA compliant curb ramps and to repair/replace existing sidewalk and curb ramps.	\$429,500.00 \$343,600.00 \$85,900.00	Cost Fed. Local

Safety

Caswell Co. W-5707H REGIONAL	44853.3.8, HSIP-0087(040) NC 87 at SR 1144 (Browns Chapel Road) and SR 1142 (Brown Road). Funds are needed for construction for intersection improvements.	\$110,000.00 \$99,000.00 \$11,000.00	Cost Fed. State
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October 7, 2021

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

Division 8

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pinehurst/ Moore Co. ER-5600HM DIVISION	46305.3.73, Federal No. 0829011 Pinehurst Traffic Circle (US 15/501, NC 211 and NC 2). Funds are needed for construction for landscaping improvements.	\$48,400.00 Cost \$38,720.00 Fed. \$9,680.00 State

Safety

Randolph Co. W-5708L REGIONAL	44854.1.12, HSIP-0220(097) US 220 Business (North Fayetteville Street) from Beasley Street to Balfour Avenue in Asheboro. \$42,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$185,000.00 Cost \$166,500.00 Fed. \$18,500.00 State
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**NCDOT October 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Winston- Salem/ Forsyth Co. U-2827B REGIONAL	34872.2.4, NHP-0421(087) Replace Bridges #178, #269, #278, #286, #291, #293, #305, #312, #313, and #336 on US 421-US 158 / US 421 / NC 150 / Business 40, west of Fourth Street to east of Church Street. \$15,652,000.00 has previously been approved for right of way. Additional funds are needed as requested.	\$1,932,123.00 Cost \$1,545,698.00 Fed. \$386,425.00 State

Bridge

Rowan Co. B-5772 DIVISION	45728.2.1, BRZ-1724(002) Replace Bridge #66 over the Norfolk Southern Railway Tracks on SR 1724 (Hurley School Road). Funds are needed for full right of way.	\$100,000.00 Cost \$80,000.00 Fed. \$20,000.00 State
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Safety

Davidson Co. W-5809A REGIONAL	48954.3.2, 0109023 NC 109 from SR 1711 (Gumtree Road) (Milepost 32.141) to the Denton Northern Municipal Limits (Milepost 38.5). Funds are needed for construction for the installation of rumble stripes and pavement markings.	\$1,025,000.00 Cost \$922,500.00 Fed. \$102,500.00 State
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Bicycle and Pedestrian

Davie Co. EB-5958 DIVISION	48434.3.1, STBGDA-0158(079) Blue Heron Trail from Twins Way (near the US 158 Intersection), west to the pedestrian tunnel under I-40 in Bermuda Run. Funds are needed for construction for a 10-foot wide asphalt walking path.	\$2,089,000.00 Cost \$1,671,200.00 Fed. \$417,800.00 Local
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October 7, 2021

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

Division 10

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mecklenburg Co. I-5507 STATEWIDE	43609.1.1, NHS-0485(030) I-485 (Charlotte Outer Loop) from I-77 to US 74 (Independence Boulevard). \$13,213,626.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$1,206,037.00 \$964,829.00 \$241,208.00	Cost Fed. State
Mecklenburg Co. I-5714 STATEWIDE	50127.2.1, NHPP-077-1(219)23 I-77/SR 2136/US 21 Diverging Diamond Interchange in Huntersville. \$100,000.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$684,000.00 \$547,200.00 \$136,800.00	Cost Fed. State
Mecklenburg Co. I-5714 STATEWIDE	50127.1.FS1, NHPP-0771(219)23 I-77/SR 2136/US 21 Diverging Diamond Interchange in Huntersville. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$188,692.00 \$150,953.00 \$37,739.00	Cost Fed. State
Mecklenburg Co. I-5746C STATEWIDE	52024.3.4, NHPIM-0277(019) I-277 (Brookshire Freeway); I-77 to East 10th Street, resurface roadway and rehabilitate bridges. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 26, 2021. This is a 3-year cash flow project with federal funds of \$7,120,000.00 in FY22, FY23, and FY24, and state match of \$1,780,000.00 in FY22, FY23 and FY24.	\$26,700,000.00 \$21,360,000.00 \$5,340,000.00	Cost Fed. State

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**NCDOT October 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-5710AH REGIONAL	44856.1.36, HSIP-0200(014) NC 200 (Lancaster Highway) and SR 1137 (Potter Road). \$175,000.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$45,000.00 \$40,500.00 \$4,500.00	Cost Fed. State
Union Co. W-5710AI REGIONAL	44856.2.37, HSIP-0218(016) NC 218 and SR 1606 (Sikes Mill Road) near Fairview. Funds are needed for full right of way.	\$150,000.00 \$135,000.00 \$15,000.00	Cost Fed. State

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

Division 12

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Hickory/ Catawba Co. HL-0017 DIVISION	49621.1.1, Federal No. 1143025 2nd Avenue southeast-construct roadway extension from Lenoir-Rhyne Boulevard to 3rd Avenue southeast. Intersection and pedestrian improvements. Funds are needed for preliminary engineering.	\$300,000.00 \$240,000.00 \$60,000.00	Cost Fed. Local

Bridge

Gaston Co. B-5961 DIVISION	47224.2.1, BRZ-1421(004) Replace Bridge #97 over a tributary to Muddy Fork Creek on SR 1421. Funds are needed for full right of way.	\$20,000.00 \$16,000.00 \$4,000.00	Cost Fed. State
Gaston Co. B-5961 DIVISION	47224.2.2, BRZ-1421(004) Replace Bridge #97 over a tributary to Muddy Fork Creek on SR 1421. Funds are needed for utilities.	\$10,000.00 \$8,000.00 \$2,000.00	Cost Fed. State

Safety

Iredell Co. W-5601U REGIONAL	50138.2.22, HSIP-0150(038) NC 150 at NC 152 (Western Intersection). Funds are needed for full right of way.	\$178,000.00 \$160,200.00 \$17,800.00	Cost Fed. State
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October 7, 2021

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

Division 12 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Iredell/ Catawba Cos. R-2307B REGIONAL	37944.1.FR5, STP-0150(036) NC 150 from SR 1902 (Harvel Road) in Catawba County to I-77 in Iredell County. \$6,082,250.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$2,163,743.00 \$1,730,994.00 \$432,749.00	Cost Fed. State

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**NCDOT October 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-5713X DIVISION	44861.3.24, Federal No. 1781002 SR 1781 (Broadway Street) between US 19/US 23 (Future I-26) and NC 251 (Riverside Drive) in Asheville. Funds are needed for construction to install sidewalk, pedestrian signals and crosswalks.	\$45,000.00 \$40,500.00 \$4,500.00	Cost Fed. State
Buncombe Co. W-5813I DIVISION	48958.3.10, Federal No. 2806002 SR 2806 (Garden Creek Road) from SR 2815 (Village Road) to SR 2786 (Flat Creek Road/Morgan Hill Road) near Fairview. Funds are needed for construction to install a shoulder guardrail.	\$460,000.00 \$414,000.00 \$46,000.00	Cost Fed. State
Yancey Co. W-5813H REGIONAL	48958.3.9, Federal No. 0197016 NC 197 from SR 1338 (Toe River Road) to the Mitchell County Line near Green Mountain. Funds are needed for construction to improve safety of existing roadway.	\$474,000.00 \$426,600.00 \$47,400.00	Cost Fed. State

Bicycle and Pedestrian

Buncombe Co. BL-0005 DIVISION	49460.3.1, Federal No. 0251040 NC 251/SR 1781 (Broadway Street) from US 19/23 Northbound exit ramp to north of SR 1477 (Riverside Drive). Funds are needed for construction for pedestrian improvements. State Match uses Contingency Highway funds.	\$324,000.00 \$259,200.00 \$64,800.00	Cost Fed. State
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October 7, 2021

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

Division 14

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Haywood Co. B-3186 STATEWIDE	38332.2.1, BRNHP-0023(032) Replace Bridge #155 and #158 over Richland Creek on US 23-74 northbound lane. Funds are needed for full right of way.	\$800,000.00	Cost
		\$640,000.00	Fed.
		\$160,000.00	State
Haywood Co. B-5898 STATEWIDE	48030.2.1, BRSTP-0019(049) Replace Bridge #168 over US 19 and US 23 on US 23/US 74. Funds are needed for full right of way.	\$150,000.00	Cost
		\$120,000.00	Fed.
		\$30,000.00	State

Rural

Divisionwide R-5794E DIVISION	44910.1.7, Federal No. 1420018 Americans with Disabilities Act (ADA) curb ramp upgrades for areas with populations < 5,000 in Division 14 (District 1). Funds are needed for preliminary engineering. State Match for this project uses Division 14 Contract Resurfacing funds.	\$20,000.00	Cost
		\$16,000.00	Fed.
		\$4,000.00	State
Divisionwide R-5794F DIVISION	44910.1.8, Federal No. 1420017 Americans with Disabilities Act (ADA) curb ramp upgrades for areas with populations < 5,000 in Division 14 (District 2). Funds are needed for preliminary engineering. State Match for this project uses Division 14 Contract Resurfacing funds.	\$20,000.00	Cost
		\$16,000.00	Fed.
		\$4,000.00	State

October 7, 2021

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

Division 14 (Continued)

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Divisionwide R-5794G DIVISION	44910.1.9, Federal No. 1420016 Americans with Disabilities Act (ADA) curb ramp upgrades for area with populations < 5,000 in Division 14 (District 3). Funds are needed for preliminary engineering. State Match for this project uses Division 14 Contract Resurfacing funds.	\$20,000.00 \$16,000.00 \$4,000.00	Cost Fed. State
Divisionwide R-5794H DIVISION	44910.1.10, Federal No. 1420015 Americans with Disabilities Act (ADA) curb ramp upgrades for area with populations greater than 5,000 but less than 200,000 in Division 14. Funds are needed for preliminary engineering. State Match for this project uses Division 14 Contract Resurfacing funds.	\$20,000.00 \$16,000.00 \$4,000.00	Cost Fed. State

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

Statewide

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide W-5716 SW/REG/DIV	48923, Federal No. 00ss105 Safety Management Program for statewide project identification, analysis and preliminary engineering. \$5,500,000.00 has previously been approved for preliminary engineering. Additional funds are needed for program implementation. Strategic Impact funds for this project are Statewide Mobility (40%), Regional Impact (30%), and Division Needs (30%).	\$5,500,000.00 \$4,950,000.00 \$550,000.00	Cost Fed. State
Statewide W-5717 SW/REG/DIV	48924.1.1, Federal No. 00SS107 Highway System Data Collection. \$500,000.00 has previously been approved for preliminary engineering. Additional funds are needed for program implementation. Strategic Impact funds for this project are Statewide Mobility (40%), Regional Impact (30%), and Division Needs (30%).	\$500,000.00 \$450,000.00 \$50,000.00	Cost Fed. State

ITEM M SUMMARY - 82 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$258,988,099.00

October 7, 2021

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

CORRECTIONS TO ITEM M OF SEPTEMBER 2, 2021

Page M-17

Project: ER-2973, WBS: 3706.3.25

Correct project description to Grove Street Plantings in Division 6

Page M-27

Project: HO-0002B, WBS: 49456.3.3

Correct state match cash flow to \$710,800.00 In FY21 and \$710,800.00 in FY22

Page M-30

Project: HO-0002A, WBS: 49456.3.2

Correct state match cash flow to \$921,800.00 in FY21 and \$921,800.00 in FY22

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REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP ADDITIONS

DIVISION 3

* HL-0040	WILMINGTON, CONSTRUCT A NEW NORTH GATE ON	ENGINEERING	FY 2022 -	\$250,000	(BGDA)
NEW HANOVER	NORTH CAROLINA PORTS AUTHORITY PROPERTY.		FY 2022 -	\$63,000	(L)
PROJ.CATEGORY	<u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>			\$313,000	
DIVISION					

DIVISION 5

* BL-0036	CRABTREE CREEK GREENWAY, BOND PARK TO SR	ENGINEERING	FY 2022 -	\$198,000	(CMAQ)
WAKE	1615 (HIGH HOUSE ROAD) IN CARY. CONSTRUCT		FY 2022 -	\$50,000	(L)
PROJ.CATEGORY	GREENWAY BETWEEN BLACK CREEK AND WHITE OAK	CONSTRUCTION	FY 2022 -	\$1,122,000	(CMAQ)
EXEMPT	CREEK GREENWAYS AND BETWEEN BOND PARK AND		FY 2022 -	\$280,000	(L)
	PRESTON FIELDS PARK.			\$1,650,000	
	<u>PROJECT ADDED AT THE REQUEST OF THE</u>				
	<u>TRANSPORTATION PLANNING DIVISION AND CAPITAL</u>				
	<u>AREA MPO.</u>				

* BL-0037	CRABTREE CREEK GREENWAY CONNECTOR,	CONSTRUCTION	FY 2022 -	\$2,260,000	(CMAQ)
WAKE	CRABTREE CREEK GREENWAY TO WESTON		FY 2022 -	\$565,000	(L)
PROJ.CATEGORY	GREENWAY IN CARY. CONSTRUCT 10-FOOT			\$2,825,000	
EXEMPT	GREENWAY, INCLUDING GRADE SEPARATION UNDER				
	WESTON PARKWAY.				
	<u>PROJECT ADDED AT THE REQUEST OF THE</u>				
	<u>TRANSPORTATION PLANNING DIVISION AND CAPITAL</u>				
	<u>AREA MPO.</u>				

* BL-0038	EAST JONES STREET, US 401 / NC 42 TO NORTH	ENGINEERING	FY 2022 -	\$59,000	(CMAQ)
WAKE	WOODROW STREET IN FUQUAY-VARINA. CONSTRUCT		FY 2022 -	\$15,000	(L)
PROJ.CATEGORY	SIDEWALKS.	RIGHT-OF-WAY	FY 2022 -	\$384,000	(CMAQ)
EXEMPT	<u>PROJECT ADDED AT THE REQUEST OF THE</u>		FY 2022 -	\$96,000	(L)
	<u>TRANSPORTATION PLANNING DIVISION AND CAPITAL</u>	CONSTRUCTION	FY 2022 -	\$282,000	(CMAQ)
	<u>AREA MPO.</u>		FY 2022 -	\$71,000	(L)
				\$907,000	

* HL-0041	SR 2768 (JUDD PARKWAY), US 401 (SOUTH MAIN	ENGINEERING	FY 2022 -	\$69,000	(CMAQ)
WAKE	STREET) INTERSECTION IN FUQUAY-VARINA.		FY 2022 -	\$17,000	(L)
PROJ.CATEGORY	CONSTRUCT TURN LANES.	RIGHT-OF-WAY	FY 2022 -	\$50,000	(CMAQ)
EXEMPT	<u>PROJECT ADDED AT THE REQUEST OF THE</u>		FY 2022 -	\$13,000	(L)
	<u>TRANSPORTATION PLANNING DIVISION AND CAPITAL</u>	CONSTRUCTION	FY 2022 -	\$375,000	(CMAQ)
	<u>AREA MPO.</u>		FY 2022 -	\$94,000	(L)
				\$618,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP ADDITIONS

DIVISION 5

* HL-0042	SR 1110 / SR 5056 (JUDD PARKWAY), NC 55 (BROAD STREET) INTERSECTION IN FUQUAY-VARINA.	ENGINEERING	FY 2022 -	\$202,000	(CMAQ)
WAKE			FY 2022 -	\$51,000	(L)
PROJ.CATEGORY	CONSTRUCT DEDICATED TURN LANES ON SR 5056	RIGHT-OF-WAY	FY 2022 -	\$100,000	(CMAQ)
EXEMPT	LEG OF JUDD PARKWAY.		FY 2022 -	\$25,000	(L)
	<u>PROJECT ADDED AT THE REQUEST OF THE</u>	CONSTRUCTION	FY 2022 -	\$1,195,000	(CMAQ)
	<u>TRANSPORTATION PLANNING DIVISION AND CAPITAL</u>		FY 2022 -	\$299,000	(L)
	<u>AREA MPO.</u>			\$1,872,000	

* HL-0043	SR 1005 (SIX FORKS ROAD), SR 2006 (DURANT ROAD) INTERSECTION IN RALEIGH. ADD NORTHBOUND AND WESTBOUND RIGHT TURN LANES.	ENGINEERING	FY 2022 -	\$152,000	(CMAQ)
WAKE			FY 2022 -	\$38,000	(S)
PROJ.CATEGORY	<u>PROJECT ADDED AT THE REQUEST OF THE</u>	RIGHT-OF-WAY	FY 2024 -	\$220,000	(CMAQ)
EXEMPT	<u>TRANSPORTATION PLANNING DIVISION AND CAPITAL</u>		FY 2024 -	\$55,000	(S)
	<u>AREA MPO.</u>	CONSTRUCTION	FY 2025 -	\$832,000	(CMAQ)
			FY 2025 -	\$208,000	(S)
				\$1,505,000	

* HL-0044	SR 1230 (BUNN ROAD), KENMORE AVENUE TO US 401 / NC 56 (BICKETT BOULEVARD) IN LOUISBURG. REDUCE 4 LANES TO 2 LANES AND CONSTRUCT BICYCLE AND PEDESTRIAN IMPROVEMENTS.	ENGINEERING	FY 2022 -	\$85,000	(CMAQ)
FRANKLIN			FY 2022 -	\$17,000	(L)
PROJ.CATEGORY	<u>PROJECT ADDED AT THE REQUEST OF THE</u>	RIGHT-OF-WAY	FY 2022 -	\$30,000	(CMAQ)
EXEMPT	<u>TRANSPORTATION PLANNING DIVISION AND CAPITAL</u>		FY 2022 -	\$6,000	(L)
	<u>AREA MPO.</u>	CONSTRUCTION	FY 2022 -	\$370,000	(CMAQ)
			FY 2022 -	\$98,000	(L)
				\$606,000	

DIVISION 6

HB-0011	SR 1928 (DOCK ROAD), REPLACE BRIDGE 230026 OVER GUM SWAMP.
COLUMBUS	
PROJ.CATEGORY	<u>ADD PROJECT AT THE REQUEST OF THE</u>
DIVISION	<u>STRUCTURES MANAGEMENT UNIT. PROGRAMMED</u>
	<u>FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY.</u>

HB-0012	SR 1928 (DOCK ROAD), REPLACE BRIDGE 230032 OVER WACCAMAW RIVER OVERFLOW.
COLUMBUS	
PROJ.CATEGORY	<u>ADD PROJECT AT THE REQUEST OF THE</u>
DIVISION	<u>STRUCTURES MANAGEMENT UNIT. PROGRAMMED</u>
	<u>FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY.</u>

* INDICATES FEDERAL AMENDMENT

Thursday, October 7, 2021

REVISIONS TO THE 2020-2029 STIP

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STIP ADDITIONS

DIVISION 6

HB-0013 SR 1928 (DOCK ROAD), REPLACE CULVERT BP-024-
COLUMBUS 2270.
PROJ.CATEGORY ADD PROJECT AT THE REQUEST OF THE
DIVISION STRUCTURES MANAGEMENT UNIT. PROGRAMMED
FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY.

HB-0014 SR 1928 (DOCK ROAD), REPLACE BRIDGE 230033 OVER
COLUMBUS JUNIPER CREEK.
PROJ.CATEGORY ADD PROJECT AT THE REQUEST OF THE
DIVISION STRUCTURES MANAGEMENT UNIT. PROGRAMMED
FOR PLANNING AND ENVIRONMENTAL STUDIES ONLY.

DIVISION 10

* B-4410A	SR 1627 (PINKSTON ROAD), INSTALL WATERLINE IN	RIGHT-OF-WAY	FY 2022 -	\$25,000	(T)
ANSON	TOWN OF ANSONVILLE PER UTILITY CONSTRUCTION	CONSTRUCTION	FY 2022 -	\$242,000	(T)
PROJ.CATEGORY	AGREEMENT.		FY 2022 -	<u>\$58,000</u>	(O)
EXEMPT	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION NOT</u>			\$325,000	
	<u>PREVIOUSLY PROGRAMMED IN FY 22 AT THE</u>				
	<u>REQUEST OF THE DIVISION, PER PREVIOUS UTILITY</u>				
	<u>CONSTRUCTION AGREEMENT.</u>				

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP ADDITIONS

DIVISION 10

* HO-0009	NORTH CAROLINA DEPARTMENT OF ENVIRONMENT	IMPLEMENTATION	FY 2022 -	\$578,000	(CMAQ)
CABARRUS	AND NATURAL RESOURCES, NORTH CAROLINA AIR		FY 2022 -	<u>\$282,000</u>	(S)
CATAWBA	AWARENESS OUTREACH PROGRAM TO PROVIDE			\$860,000	
CHATHAM	EDUCATION AND PRODUCE DAILY AIR QUALITY				
DAVIDSON	FORECAST.				
DAVIE	<u>PROJECT ADDED AT THE REQUEST OF THE</u>				
DURHAM	<u>TRANSPORTATION PLANNING BRANCH.</u>				
EDGEcombe					
FORSYTH					
FRANKLIN					
GASTON					
GRANVILLE					
GUILFORD					
HAYWOOD					
IREDELL					
JOHNSTON					
LINCOLN					
MECKLENBURG					
NASH					
ORANGE					
PERSON					
ROWAN					
SWAIN					
UNION					
WAKE					
PROJ.CATEGORY					
EXEMPT					

STIP MODIFICATIONS

DIVISION 4

EB-5707	STONE CREEK GREENWAY, US 70 BYPASS TO SR	CONSTRUCTION	FY 2022 -	\$23,000	(L)
WAYNE	1560 (ROYALL AVENUE). CONSTRUCT 10 FOOT WIDE		FY 2022 -	<u>\$188,000</u>	(SRTS)
PROJ.CATEGORY	ASPHALT GREENWAY.			\$211,000	
DIVISION	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>				

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP MODIFICATIONS

DIVISION 4

HI-0008	I-95, MILE MARKER 97 TO MILE MARKER 101.	CONSTRUCTION	FY 2022 -	\$72,000	(NHPIM)
JOHNSTON	PAVEMENT REHABILITATION.		FY 2023 -	\$5,227,000	(NHPIM)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR RAILROAD</u>		FY 2024 -	\$1,931,000	(NHPIM)
STATEWIDE	<u>COORDINATION, DELAY CONSTRUCTION FROM FY 21</u>			\$7,230,000	
	<u>TO FY 22.</u>				

HS-2004B	NC 97, INSTALL LEFT TURN LANE AT NC 97 AND SR	RIGHT-OF-WAY	FY 2021 -	\$86,000	(HSIP)
NASH	1603 (OLD CARRIAGE ROAD).	CONSTRUCTION	FY 2022 -	\$145,000	(HSIP)
PROJ.CATEGORY	<u>TO MATCH THE LATEST LETTING SCHEDULE, DELAY</u>			\$231,000	
REGIONAL	<u>CONSTRUCTION FROM FY 21 TO FY 22.</u>				

DIVISION 5

EB-5814	SR 3015 (AIRPORT BOULEVARD), MCCRIMMON	CONSTRUCTION	FY 2022 -	\$208,000	(TAANY)
WAKE	PARKWAY TO FACTORY SHOPPES ROAD IN		FY 2022 -	\$52,000	(L)
PROJ.CATEGORY	MORRISVILLE. CONSTRUCT SIDEWALK.			\$260,000	
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 22</u>				
	<u>AT THE REQUEST OF THE DIVISION.</u>				

* HS-2005D	SR 1303 (PICKETT ROAD), SR 1116 (GARRETT ROAD) /	RIGHT-OF-WAY	FY 2023 -	\$2,000	(HSIP)
DURHAM	LUNA LANE INTERSECTION IN DURHAM. INSTALL	CONSTRUCTION	FY 2023 -	\$100,000	(HSIP)
PROJ.CATEGORY	TRAFFIC SIGNAL.			\$102,000	
DIVISION	<u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE</u>				
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

* HS-2005E	NC 751 (ACADEMY ROAD) INTERCHANGE IN DURHAM.	RIGHT-OF-WAY	FY 2023 -	\$5,000	(HSIP)
DURHAM	INSTALL GUARDRAIL.	CONSTRUCTION	FY 2023 -	\$155,000	(HSIP)
PROJ.CATEGORY	<u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE</u>			\$160,000	
REGIONAL	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

* HS-2005F	VARIOUS, DOWNTOWN RALEIGH BUSINESS DISTRICT.	CONSTRUCTION	FY 2023 -	\$68,000	(HSIP)
WAKE	IMPLEMENT TRAFFIC SIGNAL REVISIONS.			\$68,000	
PROJ.CATEGORY	<u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE</u>				
DIVISION	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP MODIFICATIONS

DIVISION 5

* TA-4923 DURHAM	DURHAM AREA TRANSIT AUTHORITY, REPLACEMENT BUS.	CAPITAL	FY 2021 -	\$880,000	(L)
PROJ.CATEGORY			FY 2021 -	\$1,834,000	(5307)
DIVISION	<u>FUNDING ADDED TO FY 21 AT THE REQUEST OF MPO.</u>		FY 2021 -	<u>\$1,686,000</u>	(5339)
				\$4,400,000	

* U-6242 WAKE	SR 2015 (DIXIE FOREST ROAD) / SR 3555 (OLD WAKE FOREST ROAD), SR 2015 / SR 2041 (SPRING FOREST ROAD) TO US 1 (CAPITAL BOULEVARD) IN RALEIGH.	RIGHT-OF-WAY	FY 2022 -	\$2,240,000	(BGDA)
PROJ.CATEGORY		CONSTRUCTION	FY 2022 -	\$560,000	(L)
DIVISION	UPGRADE TO A COMPLETE STREET.		FY 2022 -	\$8,918,400	(BGDA)
	<u>ADD RIGHT-OF-WAY IN FY 22 NOT PREVIOUSLY PROGRAMMED AT THE REQUEST OF CAPITAL AREA MPO.</u>		FY 2022 -	<u>\$2,229,600</u>	(L)
				\$13,948,000	

DIVISION 6

* EB-6030 CUMBERLAND	US 401 BYPASS (SKIBO ROAD), CONSTRUCT SIDEWALK FROM RICHWOOD COURT TO NC 24 (BRAGG BOULEVARD).	ENGINEERING	FY 2022 -	\$60,000	(TADA)
PROJ.CATEGORY		RIGHT-OF-WAY	FY 2022 -	\$15,000	(L)
DIVISION	<u>ADD PRELIMINARY ENGINEERING IN FY 22 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2022 -	\$60,000	(TADA)
			FY 2022 -	\$15,000	(L)
			FY 2023 -	\$360,000	(TADA)
			FY 2023 -	<u>\$90,000</u>	(L)
				\$600,000	

HL-0009 ROBESON	PEMBROKE, CONSTRUCT IMPROVEMENTS TO CONNECT THE DOWNTOWN TO THE UNIVERSITY OF NORTH CAROLINA AT PEMBROKE TO THE WEST AND THE HEADQUARTERS OF THE LUMBEE TRIBE TO THE EAST IN PEMBROKE.	ENGINEERING	FY 2021 -	\$1,261,000	(O)
PROJ.CATEGORY		RIGHT-OF-WAY	FY 2022 -	\$50,000	(O)
EXEMPT		UTILITIES	FY 2023 -	\$50,000	(O)
	<u>TO ALLOW ADDITIONAL TIME FOR AGREEMENTS TO BE SIGNED. DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 -	\$525,000	(O)
			FY 2023 -	\$525,000	(O)
			FY 2022 -	\$250,000	(S)
			FY 2022 -	\$1,426,000	(O)
			FY 2022 -	\$589,000	(L)
			FY 2023 -	\$1,426,000	(O)
			FY 2023 -	<u>\$589,000</u>	(L)
				\$6,691,000	

U-6152 CUMBERLAND	US 401 (ROBESON STREET), US 401 (RAEFORD ROAD) TO WALTER STREET. ACCESS MANAGEMENT.	RIGHT-OF-WAY	FY 2029 -	\$8,707,000	(NHP)
PROJ.CATEGORY	<u>MODIFY PROJECT SCOPE TO EXTEND PROJECT LIMITS.</u>	UTILITIES	POST YR-	\$8,708,000	(NHP)
REGIONAL			FY 2029 -	\$9,830,000	(NHP)
			POST YR-	\$9,831,000	(NHP)
		CONSTRUCTION	POST YR-	<u>\$19,900,000</u>	(NHP)
				\$56,976,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP MODIFICATIONS

DIVISION 7

* EB-5987	OLD BATTLEGROUND ROAD, LAKE BRANDT ROAD TO	ENGINEERING	FY 2022 -	\$79,000	(TAANY)
GUILFORD	BICENTENNIAL GREENWAY IN GREENSBORO.		FY 2022 -	\$20,000	(L)
PROJ.CATEGORY	CONSTRUCT MULTIUSE PATH.	RIGHT-OF-WAY	FY 2024 -	\$9,000	(TAANY)
DIVISION	<u>ADD PRELIMINARY ENGINEERING IN FY 22 AND RIGHT-OF-WAY IN FY 24 NOT PREVIOUSLY PROGRAMMED. AT THE REQUEST OF THE GREENSBORO URBAN AREA MPO.</u>	CONSTRUCTION	FY 2024 -	\$2,000	(L)
			FY 2025 -	\$710,000	(TAANY)
			FY 2025 -	<u>\$177,000</u>	(L)
				\$997,000	

DIVISION 8

U-5308	SR 1547 (FINCH FARM ROAD), SR 3106 (KENNEDY	ENGINEERING	FY 2020 -	\$360,000	(T)
RANDOLPH	ROAD) TO I-85 IN TRINITY. WIDEN TO MULTILANES.		FY 2021 -	\$180,000	(T)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2022 -	\$180,000	(T)
DIVISION	<u>DESIGN. DELAY CONSTRUCTION FROM FY 23 TO FY 25.</u>		FY 2023 -	\$180,000	(T)
			FY 2024 -	\$180,000	(T)
			FY 2025 -	\$180,000	(T)
			FY 2026 -	\$180,000	(T)
			FY 2027 -	\$180,000	(T)
			FY 2028 -	\$180,000	(T)
			FY 2029 -	\$180,000	(T)
			POST YR-	\$723,000	(T)
		BUILD NC ROW	FY 2020 -	\$32,000	(T)
			FY 2021 -	\$16,000	(T)
			FY 2022 -	\$16,000	(T)
			FY 2023 -	\$16,000	(T)
			FY 2024 -	\$16,000	(T)
			FY 2025 -	\$16,000	(T)
			FY 2026 -	\$16,000	(T)
			FY 2027 -	\$16,000	(T)
			FY 2028 -	\$16,000	(T)
			FY 2029 -	\$16,000	(T)
			POST YR-	\$68,000	(T)
		RIGHT-OF-WAY	FY 2020 -	\$2,215,000	(T)
		UTILITIES	FY 2020 -	\$2,106,000	(T)
		BUILD NC CON	FY 2025 -	\$1,716,000	(T)
			FY 2026 -	\$1,716,000	(T)
			FY 2027 -	\$1,716,000	(T)
			FY 2028 -	\$1,716,000	(T)
			FY 2029 -	\$1,716,000	(T)
			POST YR-	\$17,160,000	(T)
		CONSTRUCTION	FY 2027 -	\$5,384,000	(T)
			FY 2028 -	<u>\$1,416,000</u>	(T)
				\$39,808,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
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DIVISION 9

HL-0005	VARIOUS, CITY OF SALISBURY SIGNAL SYSTEM	CONSTRUCTION	FY 2022 -	\$343,000	(BGDA)
ROWAN	UPGRADE.		FY 2022 -	<u>\$86,000</u>	(L)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>			\$429,000	
DIVISION	<u>DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>				

* U-4741	VARIOUS, BICYCLE, PEDESTRIAN, AND	RIGHT-OF-WAY	FY 2022 -	\$630,000	(BGANY)
DAVIDSON	TRANSPORTATION ALTERNATIVES PROGRAM (TAP)-		FY 2022 -	\$158,000	(L)
DAVIE	ELIGIBLE PROJECTS IN THE WINSTON-SALEM URBAN	CONSTRUCTION	FY 2020 -	\$490,000	(BGDA)
FORSYTH	AREA METROPOLITAN PLANNING ORGANIZATION		FY 2020 -	\$276,000	(TADA)
STOKES	(MPO) AREA..		FY 2020 -	\$192,000	(L)
PROJ.CATEGORY	<u>ADD RIGHT-OF-WAY AND CONSTRUCTION IN FY 22</u>		FY 2021 -	\$560,000	(BGDA)
DIVISION	<u>NOT PREVIOUSLY PROGRAMMED. AT THE REQUEST</u>		FY 2021 -	\$140,000	(L)
	<u>OF THE WINSTON-SALEM URBAN AREA MPO.</u>		FY 2022 -	\$487,000	(BGANY)
			FY 2022 -	\$549,000	(BGDA)
			FY 2022 -	<u>\$259,000</u>	(L)
				\$3,741,000	

DIVISION 10

B-5376	SR 1681 (OLD CAMDEN ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2023 -	\$210,000	(BGOFF)
UNION	890021 OVER STEWART'S CREEK.	CONSTRUCTION	FY 2024 -	\$1,592,000	(BGOFF)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 24</u>		FY 2025 -	<u>\$508,000</u>	(BGOFF)
DIVISION	<u>TO ALIGN WITH CURRENT LET DATE.</u>			\$2,310,000	

* EB-5829	MATTHEWS, CONSTRUCT FOUR MILE CREEK	CONSTRUCTION	FY 2022 -	\$29,000	(BGDA)
MECKLENBURG	GREENWAY CROSSING UNDER SR 3448 (SOUTH		FY 2022 -	\$838,000	(TADA)
PROJ.CATEGORY	TRADE STREET)		FY 2022 -	\$282,000	(L)
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 24 TO FY 22</u>		FY 2023 -	\$19,000	(BGDA)
	<u>TO AS REQUESTED BY THE TOWN OF MATTHEWS.</u>		FY 2023 -	\$559,000	(TADA)
			FY 2023 -	<u>\$189,000</u>	(L)
				\$1,916,000	

EB-5832	CHARLOTTE, SR 2833 (MALLARD CREEK CHURCH	CONSTRUCTION	FY 2022 -	\$800,000	(BGDA)
MECKLENBURG	ROAD), SR 2472 (MALLARD CREEK ROAD) TO SR 2746		FY 2022 -	\$542,000	(TAANY)
PROJ.CATEGORY	(CLAUDE FREEMAN DRIVE). CONSTRUCT MULTI-USE		FY 2022 -	<u>\$336,000</u>	(L)
DIVISION	TRAIL ON SOUTH SIDE OF ROAD.			\$1,678,000	
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP MODIFICATIONS

DIVISION 10

HS-2010D CABARRUS PROJ.CATEGORY REGIONAL	NC 24/27, SR 1120 (BETHEL SCHOOL RD) INTERSECTION. INSTALL A REDUCED CONFLICT INTERSECTION (RCI) WITH UNSIGNALIZED BULBOUTS. <u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 22</u> <u>AND CONSTRUCTION FROM FY 24 TO FY 23. THIS IS A</u> <u>CORRECTION TO AN AMENDMENT THAT WAS</u> <u>APPROVED IN AUGUST 2021.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$301,000 (HSIP) FY 2023 - \$4,000 (HSIP) FY 2024 - <u>\$388,000</u> (HSIP) \$693,000
P-5748 UNION PROJ.CATEGORY REGIONAL	CSX SG LINE, CONSTRUCT RAIL SIDING AND GRADE SEPARATION IN VICINITY OF SR 1300 (HELMS ROAD) AND CLOSE AT-GRADE CROSSINGS AT SR 1300 (HELMS ROAD) AND SR 1432 (TORY PATH). <u>MODIFY CONSTRUCTION FROM FY 23 TO FY 22 TO</u> <u>ALIGN WITH APPROPRIATE FEDERAL FISCAL YEAR.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$500,000 (DP) FY 2022 - \$2,000,000 (T) FY 2023 - \$500,000 (DP) FY 2023 - \$2,000,000 (T) FY 2022 - \$37,000 (DP) FY 2022 - \$150,000 (T) FY 2023 - \$2,224,000 (DP) FY 2023 - \$9,048,000 (T) FY 2023 - \$250,000 (O) FY 2024 - \$1,217,000 (DP) FY 2024 - \$4,948,000 (T) FY 2025 - \$222,000 (DP) FY 2025 - <u>\$903,000</u> (T) \$23,999,000
* U-5955A MECKLENBURG PROJ.CATEGORY REGIONAL	NC 16 (BROOKSHIRE BOULEVARD), IMPROVE I-85 NORTHBOUND RAMP TO EASTBOUND NC 16. <u>SEGMENT U-5955 INTO SEGMENTS "A" AND "B" AT</u> <u>THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2023 - \$550,000 (T) FY 2024 - <u>\$550,000</u> (T) \$1,100,000
* U-5955B MECKLENBURG PROJ.CATEGORY REGIONAL	NC 16 (BROOKSHIRE BOULEVARD), I-85 TO IDAHO DRIVE. ADD WESTBOUND THROUGH LANE ON NC 16 BETWEEN A POINT WEST OF IDAHO DRIVE AND I-85. CONVERT NC 16 AND IDAHO DRIVE INTERSECTION TO A REDUCE CONFLICT INTERSECTION (RCI). <u>SEGMENT U-5955 INTO SEGMENTS "A" AND "B" AT</u> <u>THE REQUEST OF THE DIVISION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2023 - \$440,000 (T) FY 2024 - \$440,000 (T) FY 2024 - \$940,000 (T) FY 2025 - \$3,100,000 (T) FY 2026 - <u>\$3,100,000</u> (T) \$8,020,000

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP MODIFICATIONS

DIVISION 12

U-3608	NC 7/SR 2903 (N MAIN STREET/BELMONT MT HOLLY ROAD), US 29/74 TO I-85. WIDEN TO CONSISTENT	RIGHT-OF-WAY	FY 2024 -	\$27,900,000	(T)
GASTON		UTILITIES	FY 2024 -	\$7,300,000	(T)
PROJ.CATEGORY	MULTI-LANE TYPICAL SECTION AND CONSTRUCT	CONSTRUCTION	FY 2024 -	\$3,099,000	(T)
DIVISION	OPERATIONAL IMPROVEMENTS.		FY 2025 -	\$6,213,000	(T)
	<u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 24</u>		FY 2026 -	\$888,000	(T)
	<u>TO ALIGN SCHEDULE WITH I-5719 FOR COMBINED</u>			\$45,400,000	
	<u>LETTING. CHANGE PROCUREMENT TO DESIGN-BUILD.</u>				
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>				
	<u>THRESHOLDS.</u>				

U-5800	NC 7, INTERSECTION OF NC 7/US 74 AND NC 7/US 29.	RIGHT-OF-WAY	FY 2024 -	\$1,200,000	(T)
GASTON	CONSTRUCT NORTHBOUND THROUGH LANE AND		FY 2025 -	\$1,200,000	(T)
PROJ.CATEGORY	INTERSECTION IMPROVEMENTS.	UTILITIES	FY 2025 -	\$3,600,000	(T)
REGIONAL	<u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 24</u>	CONSTRUCTION	FY 2024 -	\$2,694,000	(T)
	<u>TO ALIGN SCHEDULE WITH I-5719 FOR COMBINED</u>		FY 2025 -	\$5,164,000	(T)
	<u>LETTING. CHANGE PROCUREMENT TO DESIGN-BUILD.</u>		FY 2026 -	\$542,000	(T)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>			\$14,400,000	
	<u>THRESHOLDS.</u>				

DIVISION 13

W-5813A	US 25, US 25 (MCDOWELL STREET) AT DOCTOR'S	CONSTRUCTION	FY 2022 -	\$1,000	(HSIP)
BUNCOMBE	DRIVE/ASHEVILLE HIGH SCHOOL ENTRANCE. INSTALL		FY 2023 -	\$73,000	(HSIP)
PROJ.CATEGORY	PEDESTRIAN SIGNALS, HIGH VISIBILITY CROSSWALKS,			\$74,000	
REGIONAL	AND CURB RAMPS.				
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN. DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>				

W-5813D	US 25, (1) US 25 AT ALL SOULS CRESCENT, (2) US 25	CONSTRUCTION	FY 2022 -	\$96,000	(HSIP)
BUNCOMBE	AT US 25 ALT (LODGE STREET). INSTALL CURB RAMPS,			\$96,000	
PROJ.CATEGORY	SIDEWALK, AND SIGNAL UPGRADES				
REGIONAL	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN. DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>				

W-5813E	US 19-23-74 ALT, US 19-23-74 ALT (PATTON AVENUE)	CONSTRUCTION	FY 2022 -	\$1,000	(HSIP)
BUNCOMBE	AT US 19-23 BUS (HAYWOOD ROAD)/SR 1319		FY 2023 -	\$114,000	(HSIP)
PROJ.CATEGORY	(JOHNSTON ROAD). INSTALL PEDESTRIAN SIGNAL			\$115,000	
REGIONAL	PHASING, HIGH VISIBILITY CROSSWALKS AND CURB				
	RAMPS.				
	<u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u>				
	<u>DESIGN. DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP MODIFICATIONS

DIVISION 13

W-5813F BUNCOMBE PROJ.CATEGORY REGIONAL	US 19-23-74 ALT, US 19-23-74 ALT (SMOKEY PARK HIGHWAY) AT OLD HAYWOOD ROAD. INSTALL PEDESTRIAN SIGNAL PHASING, HIGH VISIBILITY CROSSWALKS, AND CURB RAMPS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$1,000 (HSIP) FY 2023 - <u>\$69,000</u> (HSIP) \$70,000
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W-5813G BUNCOMBE PROJ.CATEGORY REGIONAL	US 70; US 74 ALT, (1) US 70 (TUNNEL ROAD) AT OLD CHUNNS COVE ROAD, (2) US 74 ALT (S. TUNNEL ROAD) AT MAIN MALL ENTRANCE (EAST LEG), (3) US 74 ALT (S. TUNNEL ROAD) AT LOWER MALL ENTRANCE. INSTALL CURB RAMPS, SIDEWALK, AND SIGNAL UPGRADES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2021 - \$1,000 (HSIP) FY 2022 - <u>\$91,000</u> (HSIP) \$92,000
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DIVISION 14

* B-5920 HAYWOOD PROJ.CATEGORY DIVISION	SR 1216 (STEEL BRIDGE ROAD), REPLACE BRIDGE 430246 OVER WEST FORK PIGEON CREEK. <u>TO ALLOW ADEQUATE TIME FOR RIGHT-OF-WAY, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2023 - \$30,000 (BGOFF) FY 2024 - \$540,000 (BGOFF) FY 2025 - <u>\$70,000</u> (BGOFF) \$640,000
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EB-5926 HAYWOOD PROJ.CATEGORY DIVISION	US 19 (SOCO ROAD), US 276 TO FIE TOP ROAD. CONSTRUCT BICYCLE AND PEDESTRIAN IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$14,000 (BGANY) FY 2022 - \$4,000 (L) FY 2023 - \$1,426,000 (BGANY) FY 2023 - <u>\$356,000</u> (L) \$1,800,000
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HS-2014D JACKSON PROJ.CATEGORY DIVISION	SR 1325 (CENTENNIAL DRIVE), INSTALL RECTANGULAR RAPID FLASHING BEACONS (RRFB) AT THREE MIDBLOCK CROSSINGS NEAR SR 1169 (CENTRAL DRIVE). <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 21 TO FY 22.</u>	CONSTRUCTION	FY 2022 - \$1,000 (HSIP) FY 2023 - <u>\$58,000</u> (HSIP) \$59,000
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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM
STIP MODIFICATIONS

DIVISION 14

U-5888 HAYWOOD PROJ.CATEGORY DIVISION	US 23 BUSINESS, INTERSECTION OF US 23 BUSINESS (NORTH MAIN STREET) AND WALNUT STREET. CONSTRUCT INTERSECTION IMPROVEMENTS. <u>ACCELERATE CONSTRUCTION FROM FY 23 TO FY 22</u> <u>TO AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2022 - \$1,910,000 (T) FY 2023 - \$2,974,000 (T) FY 2024 - \$916,000 (T) \$5,800,000
W-5814B POLK PROJ.CATEGORY STATEWIDE	US 74 WB, I-26 TO THE RUTHERFORD COUNTY LINE. UPGRADE END TERMINALS TO CURRENT STANDARDS. <u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21</u> <u>AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2021 - \$146,000 (HSIP) FY 2022 - \$53,000 (HSIP) \$199,000
W-5814C POLK PROJ.CATEGORY STATEWIDE	US 74 EB, I-26 TO THE RUTHERFORD COUNTY LINE. UPGRADE END TERMINALS TO CURRENT STANDARDS. <u>ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21</u> <u>AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2021 - \$131,000 (HSIP) FY 2022 - \$48,000 (HSIP) \$179,000

STIP DELETIONS

DIVISION 3

* EB-6035 BRUNSWICK PROJ.CATEGORY DIVISION	SR 1349, SIDEWALK EXTENSION FROM INTERSECTION OF SMITH AVENUE AND MAIN STREET CONNECTING COMMERCIAL DEVELOPMENT AT HOLDEN BEACH ROAD IN SHALLOTE. <u>DELETE PROJECT AT THE REQUEST OF THE MPO.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2022 - \$36,000 (BGDA) FY 2022 - \$24,000 (L) FY 2023 - \$123,000 (BGDA) FY 2023 - \$82,000 (L) \$265,000
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REVISIONS TO THE 2020-2029 STIP

TRANSPORTATION PROGRAM

ITEM N SUMMARY

ADDITIONS	14 PROJECTS	\$11,481,000
MODIFICATIONS	36 PROJECTS	
DELETIONS	1 PROJECTS	\$265,000
	51 PROJECTS	\$11,216,000

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

SUMMARY: There are a total of 47 agreements for approval by the Board of Transportation.

Statewide

Plenary Broadband
Infrastructure (PBI)
21IM.21

This Operations, Maintenance, and Commercialization Agreement (OMCA) is for PBI to operate and maintain NCDOT broadband assets (including fiber, conduit, and ITS devices) along 600 miles of I-95, U.S. 70, and U.S. 74 right of way. PBI will install further broadband assets which it shall commercialize. The revenues from this commercialization will be shared with NCDOT and used to reduce the operations and maintenance (O&M) costs of NCDOT's broadband assets.

National Railroad Passenger
Corporation (Amtrak)
42801.3.F2
43413

This Agreement includes the operations for Federal Fiscal Year 2022 for Amtrak to operate rail passenger service under the name Carolinian (Trains 79 & 80) between Charlotte and Washington, D. C. This Agreement will cover all costs associated with the operation of the Carolinian including locomotive fuel, host railroad payments, and the estimated capital cost for Amtrak-owned passenger train equipment. The estimated cost to the Department included in the agreement for the period October 1, 2021 through September 30, 2022 is \$9,290,723. This cost will be reduced by Federal funding provided through the Coronavirus Response and Relief Supplemental Appropriations (CRRSA) Act of 2021, and the American Rescue Plan (ARP) Act of 2021.

National Railroad Passenger
Corporation (Amtrak)
42801.3.F2

This Agreement includes the operations for Fiscal Year 2022 for Amtrak to operate rail passenger service under the name Piedmont (Trains 73, 74, 75, 76, 77 & 78) between Charlotte and Raleigh. This Agreement will cover all costs for Amtrak's operation of the Piedmont. The estimated cost to the Department included in the agreement for the period October 1, 2021 through September 30, 2022 is \$6,126,519. This cost will be reduced by Federal funding provided through the Coronavirus Response and Relief Supplemental Appropriations (CRRSA) Act of 2021, and the American Rescue Plan (ARP) Act of 2021.

NC Department of
Environmental Quality, Division
of Air Quality
C-5601C
50062.4.2
10985

October 7, 2021

This Project consists of the continuation and enhancing a program of education, outreach, and partnerships to affect driving behaviors; encouraging vehicle maintenance; supporting transportation alternatives, energy conservation, and energy alternatives; and partnering with local, state, and Federal agencies, in an effort to improve air quality in North Carolina. This Supplemental agreement is allocating additional time to the Project. The new completion date for the project is June 30, 2022 in lieu of September 21, 2021

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 1

Beaufort County
R-2511
35494.3.1
10975

This Project consists of grading, paving, and drainage along US 64 from South of Williamston city limits to North of NC 171 in Beaufort County. At the request of the County the Department shall relocate and upgrade the water lines from 3" to a 6". The County shall reimburse the Department 100% for the work. The estimated reimbursement is \$148,710.

Division 2

Greenville Utilities Commission
Pitt County
B-4786
38222.3.3
10989

This Project consists of water and sewer line replacement in Pitt County. The Department will perform the work. The Commission will reimburse the Department 50% for the work. The estimated reimbursement to the Department is \$243,620. The estimated total cost of the project is \$487,240.

City of Greenville
Pitt County
U-5875
1000012176

This Project consists of improving an approximately 2.3 mile segment of Allen Road from Stantonsburg Road to Dickinson Avenue Extension in Greenville. At the request of Municipality, the Department will develop design costs for an electrical conduit installation. The Municipality will reimburse the Department. Estimated cost of reimbursement is \$4,800.

Division 3

City of Wilmington
New Hanover County
M-0551
49600.8.5
1000012127

This Project consists of a comprehensive pedestrian plan for the City of Wilmington. The Department will prepare the plan. The Municipality shall provide a local match of \$71,250 and shall be responsible for any costs that exceed the total available funding of \$142,500.

City of Wilmington
New Hanover County
U-5734
54024.2.1
10986

The Project consists of widen US 421 (South Front Street) in Wilmington to multi-lines from US 17 Business/US 76/US 421 (Cape Fear Memorial Bridge) to US 421 (Burnett Boulevard). At the request of the Municipality, the Department will develop an alternate design that will include relocating the railroad along South Front Street. If the alternate design is selected, the Municipality will be responsible for the additional right of way needed. The cost of the additional right of way for the City is estimated to be \$3,123,919.00.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 3, cont.

Town of Wallace
Duplin County
Pender County
42894

The Department and Municipality, on April 19, 2016, entered into an Agreement for Reimbursable Work detailing the terms and conditions by which the Municipality will proceed with right-of-way maintenance of the NCDOT W&W Rail Corridor for a term of five (5) years. This Agreement covers the reimbursement of right-of-way maintenance on the NCDOT W&W Rail Corridor through the Town of Wallace for a period of five (5) years, beginning in 2021 and ending in 2025. The Municipality will provide grass mowing and maintenance service of the Rail Corridor for an annual cost of \$2,600 with a two percent (2%) increase per year for the term. The estimated cost to the Department will be \$13,530.00.

Town of Watha
Pender County
42894

The Department and Municipality, on August 22, 2016, entered into an Agreement for Reimbursable Work detailing the terms and conditions by which the Municipality will proceed with right-of-way maintenance of the NCDOT W&W Rail Corridor for a term of five (5) years. This Agreement covers the reimbursement of right-of-way maintenance on the NCDOT W&W Rail Corridor through the Town of Watha limit. The Municipality will provide debris removal and disposal, grass mowing, and vegetation control of the Rail Corridor. This agreement will remain in effect for a term of five years, beginning in 2021 and ending in 2025. The Department will reimburse the Municipality \$3,600 per year for the term. The estimated cost to the Department will be \$18,000.

Town of Shallotte
Brunswick County
M-0551
49600.8.4
1000012151

This Project consists of a comprehensive pedestrian plan for the Town of Shallotte. The Department will prepare the plan. The Municipality shall provide a local match of \$5,000 and shall be responsible for any costs that exceed the total available funding of \$50,000.

Division 4

Town of Clayton
Johnston County
W-5704B
44850.3.2
10968

This Project consists of relocating water and sewer lines crossing US 70 at Shotwell Road in Johnston County. The Department will perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$46,444.44

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 4, cont.

Carl H. Ricker
Nash County
U-5026
R-5720
44033.3.3
1000012029

This Design-Build Project consists of improvements on I-95 at SR 1770 (Sunset Avenue) and the widening of SR 1770 (Sunset Avenue/Eastern Avenue) from SR 1003 (Red Oak Road) to SR 1544 (Halifax Road). The Developer shall reimburse the Department for 100% for the work. The estimated reimbursement to the Department is \$25,071.75.

Town of Nashville
Nash County
M-0551
49600.8.6
1000012155

This Project consists of a comprehensive pedestrian plan for the Town of Lake Waccamaw. The Department will prepare the plan. The Municipality shall provide a local match of \$5,000 and shall be responsible for any costs that exceed the total available funding of \$50,000.

Division 5

Norfolk Southern
Railway Co. (NSR)
North Carolina Railroad
Company (NCRR)
Durham County
M-0549C
49495.3

This Crossing Improvement Construction Reimbursement Agreement provides for NSR's cost reimbursement for roadway widening of Hopson Rd (SR 1978) under NCRR/NS track (Crossing No. 960255V, Milepost H 64.56). This roadway widening is necessary for a development by Research Triangle Ltd. All Department costs for the Norfolk Southern flagging and monitoring will be reimbursed at 100% by the Developer.

LGI Homes Corporate, LLC
CSX Transportation, Inc. (CSXT)
Franklin County
M-0549F
49495

This Construction Agreement covers the construction of improvements to the at-grade crossing of Bert Winston Road (SR 1133 - Crossing No. 630 527V, MP S133.97), including roadway and drainage improvements within the CSXT corridor, for the development of a new subdivision. The Developer is responsible for all costs associated with this project. There will be no cost to the Department for this project.

Research Triangle Foundation
Wake County
BL-0026
49610.1.1
49610.3.1
10971

This Project consists of the design and construction of 1000 feet of a ten-foot-wide asphalt greenway trail on the north side of O'Kelly Chapel Road between Louis Stephens Drive and the CSX R/R tracks. The Department will reimburse 80% of eligible expenses up to a maximum \$1,176,661 and the Municipality shall provide a 20% match, or \$294,166 and all costs that exceed the total available funding \$1,470,827.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 5, cont.

Research Triangle, Ltd
Durham County
M-0549C
49495.3

This Crossing Improvement Construction Reimbursement Agreement provides for reimbursement to the Department from Research Triangle, Ltd for all costs of Norfolk Southern for the roadway widening of Hopson Rd (SR 1978) under NCRR/NS track (Crossing No. 960255V, Milepost H 64.56). This is a developer project and reimbursement shall be for 100% of the Department's costs for the construction work.

Town of Cary
Wake County
U-6227
48814.2.1
48814.3.1
10973

This Project consists of widening of Carpenter Fire Station Road from NC 55 to Cameron Pond Drive. This Supplemental Agreement increases the funding for the Project and adds the Construction phase as an eligible phase of work. The Department will reimburse 45% of eligible expenses up to an additional \$3,645,000 and the Municipality shall provide an additional 55% non-federal match, or \$4,455,000, and all costs that exceed the new total available funding of \$13,730,000.

Town of Garner
Wake County
M-0551
49600.8.8
1000012101

This Project consists of a comprehensive pedestrian plan for in Garner. The Department will prepare the plan. The Municipality shall provide \$21,000 and shall be responsible for any costs that exceed the total available funding of \$70,000.

NC Department Agriculture and
Consumer Services (NCACS)
Wake County
36249.4380
10974

This Project consists of Aerial Imagery and Photogrammetry work requested by the NCACS. The Department is responsible for all phases of the work. The NCACS shall reimburse the Department 100% of the actual cost of the work.

City of Raleigh
Wake County
U-5826
44398.3.1
9363

This Project consists of widening SR 2000 (Falls of the Neuse Road) from I-540 to SR 2006 (Durant Road). At the request of the Municipality the Department shall include water and sewer line relocations in its construction contract. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$284,835.24.

City of Raleigh
Wake County
5.109212
5.209212
10963

This Municipal Operations Agreement (Schedule B) provides for the municipal maintenance of pavement markings and markers on the State Highway System within or near the Municipality. The Department shall pay the Municipality an annual approved amount for the installation and maintenance of pavement markings and markers as per the Agreement.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 5, cont.

City of Raleigh
Wake County
5.109212
5.209212
10962

This Municipal Operations Agreement (Schedule A) provides for the municipal maintenance of signs and supports on the State Highway System within or near the Municipality. The Department shall pay the Municipality an annual approved amount for the installation and maintenance of the signs and supports as per the Agreement.

Town of Fuquay-Varina
Wake County
HL-0027
49612.1.1
49612.2.1
49612.2.2
49612.3.1
10900

This Project consists of widening Sunset Lake Road from US 401 To Products Road in the Town of Fuquay-Varina. The Municipality shall be responsible for all aspects of the project. The Department shall reimburse 80% of eligible costs incurred by the Municipality. The Municipality will be responsible for providing the 20% non-federal match of \$328,052 and all costs that exceed the total available funding of \$1,640,259. This Agreement supersedes the Board Agenda item entry previously approved on August 5, 2021.

Town of Franklinton
Franklin County
M-0551
49600.8.7
1000012152

This Project consists of a comprehensive pedestrian plan for the Town of Franklinton. The Department will prepare the plan. The Municipality shall provide a local match of \$5,000 and shall be responsible for any costs that exceed the total available funding of \$50,000.

Division 6

Town of Lake Waccamaw
Columbus County
M-0551
49600.8.9
1000012150

This Project consists of a comprehensive pedestrian plan for the Town of Lake Waccamaw. The Department will prepare the plan. The Municipality shall provide a local match of \$5,000 and shall be responsible for any costs that exceed the total available funding of \$50,000.

Town of Angier
Harnett County
U-5530PA
44111.1.17
44111.3.17
10928

This Project consists of an extension of a five-foot sidewalk west along Highway 210 from Walgreens to Fish Drive and south along Park Street from Hwy 210 to W. Lillington Street in Angier. The Department has agreed to reimburse an additional \$470,268. The Municipality will provide \$470,268 for the non-federal match and an additional local contribution. The Parties also agree to extend the completion date to March 25, 2023 in lieu of September 20, 2021. This item supersedes the previous agenda item approved August 5, 2021.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 6, cont.

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

The project includes accelerating the delivery of several existing STIP projects along I-95 and connected evacuation 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 two bridges between exits 17 and 19 to alleviate closure of this route during storm events; and adding water gauges at strategic locations 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 (Federal) funds in the amount of \$98,912,000 and State funds in the amount of \$633,543,250 as the match to the BUILD Grant.

Division 7

City of Greensboro
Guilford County
EB-5985
48555.1.1
48555.2.1
48555.3.1
10951

This Project consists of the construction of sidewalks and ADA compliant curb ramps on Cone Boulevard from Lafayette Street to O'Henry Boulevard (US 29) and Elm Street north from Cone Boulevard to existing in Greensboro. This Supplemental Agreement is to add Preliminary Engineering to the project as a reimbursable expense.

City of Greensboro
Guilford County
B-5717
45673.3.1
10987

This Project consists of replacing 109 and 121 over South Buffalo Creek on SR 4240 (East Lee Street Eastbound) in Greensboro. At the request of the Municipality, the Department will relocate and adjust the utility lines. The Department shall perform the planning and work. The estimated cost to the Municipality \$467,306. The total estimated cost of work is \$467,306.

Town of Jamestown
Guilford County
M-0551
49600.8.10
1000012153

This Project consists of a comprehensive pedestrian plan for the Town of Jamestown. The Department will prepare the plan. The Municipality shall provide a local match of \$5,000 and shall be responsible for any costs that exceed the total available funding of \$50,000.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 7, cont.

City of Eden
Rockingham County
B-5737
45693.3.1
10988

This Project consists of replacing bridge 108 over NC 14, NC 87, and NC 770. The Municipality has requested the water and sewer lines be relocated. The Department will perform the work. The estimated reimbursement to the Department is \$49,343. The estimated total cost of work is \$128,983

Division 9

Town of Mocksville
Davie County
49748
1000011908

This Project consists of the extension of Sheek Street off Industrial Boulevard in Mocksville to serve Liberty Storage Facility in Davie County. The Department will perform the work. The Municipality shall reimburse the Department \$250,000. The estimated cost of the project is \$428,000.

Norfolk Southern Railway Co.
(NSR)
North Carolina Railroad
Company (NCRR)
Rowan County
P-5726

This Agreement sets out the funding responsibility of NCDOT, NSR, and NCRR for the construction of a second passenger platform at the Salisbury Passenger Train Station and the construction of a new railroad control point, removal of existing control point, railroad signals, platform, canopy, and undergrade passenger tunnel. The Agreement provides for NCRR to contribute up to \$4,200,000.00 towards the Salisbury Project. The estimated cost to the Department is \$5,000,000.00.

Davie County Economic
Development Commission
Davie County
49748
1000011806

This Project consists of the extension of Sheek Street off Industrial Boulevard in Mocksville to serve Liberty Storage Facility in Davie County. The Department will perform the work. The Commission shall reimburse the Department \$3,000. The estimated cost of the project is \$428,000.

Division 10

Aberdeen, Carolina & Western
Railway Company (ACWR)
Cabarrus County
80000.3.4.1

This Addendum No. 4 to the Aberdeen, Carolina & Western Railway (ACWR) Master Rail Freight Assistance Agreement covers rail improvements to the ACWR railway corridor. The project will construct a transload facility to include upgrade of existing rail spurs as part of truck-rail transload operations. Additionally, Gladstone Development, LLC and the Department will enter into a Contingent Interest Agreement and Instrument of Indebtedness (CIA) to secure lien on the project assets for five (5) years. ACWR will be responsible for construction of the project. The total estimated cost to the Department is \$1,110,000.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 10, cont.

City of Charlotte
Mecklenburg County
U-5768
50181.3.1
1000011595

This Project consists of improvements on NC 49 from John Kirk Drive to I-485. At the request of the Municipality, the Department shall include realignment improvements on Back Creek Church Road (SR 2827) as part of the U-5768 Project. The Municipality has agreed to provide \$12,064,000.00 as advance participation in the project costs. The estimated cost is \$22,000,000.00. This Agreement supersedes the prior Board of Transportation approval on August 5, 2021.

Town of Matthews
Mecklenburg County
HL-0025
49491.1.1
49491.2.1
49491.3.1
10969

This Project consists of the extension of Greylock Ridge Road between John Street and Charles Street on new alignment. The Department is responsible for all phases of the Project. The Municipality is responsible for any costs that exceed the estimated cost of \$4,136,000.

Division 11

City of Mount Airy
Surry County
M-0551
49600.8.11
1000012126

This Project consists of a comprehensive pedestrian plan for the City of Mount Airy. The Department will prepare the plan. The Municipality shall provide a local match of \$9,000 and shall be responsible for any costs that exceed the total available funding of \$45,000.

Division 12

City of Belmont
Gaston County
M-0551
49600.8.12
1000012123

This Project consists of a comprehensive pedestrian plan for the City of Belmont. The Department will prepare the plan. The Municipality shall provide a local match of \$9,000 and shall be responsible for any costs that exceed the total available funding of \$45,000.

Town of Catawba
Catawba County
M-0551
49600.8.13
1000012129

This Project consists of a comprehensive pedestrian plan for the Town of Catawba. The Department will prepare the plan. The Municipality shall provide a local match of \$3,500 and shall be responsible for any costs that exceed the total available funding of \$35,000.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 12, cont.

Norfolk Southern Railway Co.
(NSR)
City of Conover
(Municipality)
Catawba County
M-0547
49361

This Crossing Improvement Construction Reimbursement Agreement provides for Norfolk Southern Railroad's cost reimbursement for crossing improvement and signal replacement at the at-grade crossing of Punch Loop Rd (SR 1483 - Crossing No. 729597P, Milepost S 50-94). This crossing improvement is necessary for a development by Premier Conover, LLC. All Department costs for the Norfolk Southern construction work will be reimbursed at 100% by the Developer, Premier Conover, LLC. The Municipality will be responsible for roadway maintenance upon project completion.

Division 13

Town of Burnsville
Yancey County
M-0551
49600.8.14
1000012128

This Project consists of a comprehensive pedestrian plan for the Town of Burnsville. The Department will prepare the plan. The Municipality shall provide a local match of \$3,500 and shall be responsible for any costs that exceed the total available funding of \$35,000.

Division 14

City of Hendersonville
Henderson County
M-0551
49600.8.16
1000012125

This Project consists of a comprehensive pedestrian plan for the City of Hendersonville. The Department will prepare the plan. The Municipality shall provide a local match of \$9,000 and shall be responsible for any costs that exceed the total available funding of \$45,000.

Town of Hayesville
Clay County
M-0551
49600.8.15
1000012154

This Project consists of a comprehensive pedestrian plan for the Town of Hayesville. The Department will prepare the plan. The Municipality shall provide a local match of \$5,000 and shall be responsible for any costs that exceed the total available funding of \$50,000.

NC Wildlife Resource
Commission
Transylvania County
30189.8
11000

This Project consists of repairing a parking lot and entrance at the Pisgah Center for Wildlife Education which was damaged in Tropical Storm Fred. The Department will perform work. The Agency will reimburse the Department for the repairs. The estimated cost of work is \$483,000.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

SUMMARY: There are a total of 26 agreements for informational purposes only.

Division 3

Town of Topsail Beach
Pender County
36248.124
1000011938

This Project consists of resurfacing the streets within the Town of Topsail Beach limits. The Municipality will notify the Department to resurface the streets as necessary. The Department will invoice the Municipality after work is performed. Under provisions of G.S. 136-41.1, the Department is authorized to use Powell Bill funds allocated to a municipality when the municipality fails to pay.

WNDP #2, LLC
New Hanover
36249.4375
1000012083

This Project consists of a signal installation at NC 132 (South College Road) and Site Drive 4, at NC 132 (South College Road) and northbound to southbound U-turn south of Site Drive 4, and at NC 132 (South College Road) and Proposed Southbound to Northbound U-turn north of Weybridge Land and signal coordination work to be performed by DOT required along NC 132 related to the Whiskey Navajo development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$15,000.

Division 5

City of Durham
Durham County
EB-5704
51050.1.F1
51050.3.F1
10993

This Project consists of constructing a sidewalk and pedestrian improvements on one side of Raynor Street from North Miami Boulevard to North Hardee Street in Durham. This Supplemental Agreement is allocating additional time to the Project. Both parties agree to extend the project completion date to January 20, 2024 in lieu of December 21, 2021.

City of Durham
Durham County
U-4726 HN
36268.1.31
36268.2.31
36268.3.31
10983

This Project consist of constructing bicycle and pedestrian facilities on Hillandale Road (SR 1321) from Interstate 85 to NC 147 in Durham. This Supplemental Agreement is allocating additional time to the Project. Both parties agree to extend the project completion date to January 12, 2025 in lieu of September 29, 2020.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 5, cont.

City of Durham
Durham County
C-4928
44028.1.F1
44028.2. 1
44028.3.3
10990

This Project consists of the construction of bike lanes and sidewalks along Morreene Road (SR 1317), from Neal Road to SR 1320(Erwin Road) in Durham. This Supplemental agreement is allocating additional time to the Project. Both parties agree to extend the project completion date to January 24, 2026 in lieu of October 15, 2020.

City of Durham
Durham County
EB-5715
50411.1.1
50411.1.3
10991

This Project consists of constructing a sidewalk and pedestrian improvements on east side of North Duke St from Murray Ave to US 501 Business (North Roxboro Rd) to fill in existing gaps in Durham. This Supplemental Agreement is allocating additional time to the Project. Both parties agree to extend the project completion date to November 29, 2024 in lieu of December 21, 2021.

City of Durham
Durham County
EB-5708
50404.1.1
50404.3.1
10992

This Project consists of constructing sections of sidewalk and pedestrian improvements on south side of NC 54, from NC 55 to Research Triangle Parks western limit in Durham County. This Supplemental Agreement is allocating additional time to the Project. Both parties agree to extend the project completion date to March 20, 2023 in lieu of December 21, 2021.

City of Durham
Durham County
U-4726 HO
36268.1.32
36268.2.32
36268.3.32
10984

This Project consists of the construction of bicycle lanes and sidewalks along Carpenter-Fletcher Road (city maintained); from Woodcroft Parkway (city maintained) to Alston Avenue (SR 1945) in Durham. This Supplemental Agreement is allocating additional time to the Project. Both parties agree to extend the project completion date to January 29, 2025 in lieu of August 6, 2020.

City of Creedmoor
Granville County
C-5166B
46232.1.2
46232.2.F2
46232.3.2
10970

This Project consists of the construction of a bicycle/pedestrian trail near the NC 56 Corridor. This Supplemental Agreement allows additional time for the Municipality to closeout the Project and request final reimbursement. The Municipality must complete the Project by March 31, 2022 in lieu of April 3, 2021.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 5, cont.

City of Durham Durham County U-4724 39083.1.F1 39083.2. 1 39083.3. 3 10982	This Project consists of the construction of bike lanes and sidewalks along Cornwallis Road (SR 1158) from South Roxboro Road (SR 2295) to Chapel Hill Road (SR 1127) in Durham. This Supplemental Agreement is allocating additional time to the Project. Both parties agree to extend the project completion date to November 12, 2025 in lieu of September 29, 2020.
Wake Tech Community College Wake County 36249.4364 1000011897	The Project consists of the construction of an exclusive left turn lane on Wendell Boulevard and upgrading the existing traffic signal with new signal heads and loops to provide protected left turns on Eagle Rock and Rolesville 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.
City of Durham Durham County EB-5703 51049.1.F1 51049.3.F1 10994	This Project consists of constructing sidewalks and pedestrian improvements on both sides of LaSalle Street from Kangaroo Drive to US 70 Business (Hillsborough Road) and on one-side of LaSalle Street from Hillsborough Road to Sprunt Avenue in Durham. This Supplemental Agreement is allocating additional time to the Project. Both parties agree to extend the project completion date to August 17, 2024 in lieu of December 21, 2021.
Pulte Home Company, LLC Durham County 36249.4382 1000012180	This Project consists of a signal modification at the intersection of NC-98 and SR 1905 (Olive Branch Road) by Timmons Group due to required offsite improvements in Durham County. Intersection widening will require the relocation of existing signal equipment as well as an upgrade to traffic signal phasing. 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.
Dan Ryan Builders Durham County 36249.4367 1000011980	This Project consists of the installation of a new signal at NC 96 and Long Mill Road in Franklin County. The Department will perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 5, cont.

Toll Bros., LLC
Wake County
36249.4384
1000012212

This Project consists of a separate right-turn lanes on the South New Hope Road and Jones Sausage Road approaches and associated signal head and loop improvements. 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.

Toll Bros., LLC
Wake County
36249.4383
1000012181

This Project consists of a signal upgrade at intersection of E. Garner Road at Auburn-Knightdale Road based on widening in the northeast quadrant, and impact to existing pole. 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 6

Town of Elizabethtown
Bladen County
36248.205
1000012109

This Project consists of resurfacing the streets within the Town of Elizabethtown limits. The Municipality will notify the Department to resurface the streets as necessary. The Department will invoice the Municipality after work is performed. Under provisions of G.S. 136-41.1, the Department is authorized to use Powell Bill funds allocated to a municipality when the municipality fails to pay.

Division 7

Piedmont Authority for Regional
Transportation
Forsyth & Davidson County
36249.4369
1000011990

The project consists of various pavement repairs to Park and Ride lots in Forsyth, Stokes, Davie, or Davidson County on an as needed/required basis. The Department will perform the work. The Department will invoice the Agency after the work is completed. The estimated cost of the project is \$15,000.

UNC-CH Highway Safety
Research Center
Orange County
10977

NCDOT was awarded \$428,018 from a USDOT Safety Data Initiative Grant program. The project will develop an artificial intelligence (AI) tool with an accompanying web-based data visualization for automated analysis and extraction of roadside features on rural roads from existing video data. The Agency will assist in the development of this project and this agreement defines the roles and responsibilities of the Agency and the Department. This amendment will extend the completion date to November 30, 2021 at no cost to NCDOT.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 8

Town of Southern Pines
Moore County
36249.4379
1000012200

This Project consists of the design and installation of four historic district signs on US 1 in the northbound and southbound directions within the limits of Southern Pines. The Department will perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$4,500.

Division 9

Shiloh Church Developer
Rowan County
36249.4374
1000012093

This Project consists of signal modification work at NC 150 at SR 1526 (Sherrills Ford 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 \$3,500.

Division 10

Farmingdale, LLC
Cabarrus County
36249.4366
1000011914

This Project consists of the installation of a new traffic signal at the intersection of SR 1161 (Stallings Road) and SR 1139 (Rocky River Road) in Cabarrus 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 \$6,000.

Charlotte-Mecklenburg Board of
Education
Mecklenburg County
36249.4373
1000011993

This Project consists of the installation of a new traffic signal at the intersection of Idlewild Road and the School Entrance. 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.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

Division 12

The Redhawk Owner LPV, LLC
Gaston County
36249.4371
1000012063

This Project consists of signal installations and upgrades. Location #1: Armstrong Ford Rd (SR 2519) at Internal Spine Rd. (new road/site entrance)[new signal]; Location #2: S. New Hope Rd (NC 279) at Armstrong Ford Rd (SR 2519) /Twin Tops Rd (SR 2592)[modify existing signal # TS 12-1195]; Location #3: S. New Hope Rd (NC 279) at Union New Hope Rd (SR 2435)[new signal]; Location #4: S. New Hope Rd (NC 279) at McCullough Rd (non-state maintained road) /Lake Wylie Rd (SR 2849)[new signal]. 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.

CaroMont Health
Gaston County
36249.4372
1000012041

This Project consists of a signal modification at NC 273 (Park Street) and I-85 and signal upgrade at the intersection of NC 273 (Beatty Drive) and YMCA Drive and Hospital 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 \$7,500.

Division 14

Town of Fletcher
Henderson County
49092
10972

This Project consists of installation of a signal at the intersection of Hoopers Creek Road and Wildbriar Road. The Department is responsible for all phases and has allocated \$50,000 for the work. The Municipality shall own the installed signal and be responsible for all maintenance.

NCDOT October 7, 2021 Board of Transportation Agenda
Special and Municipal Agreements

NCDOT October 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
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9	FORSYTH	Kernersville	SR 2635; Clayton Forest Road	From NC 66 to end of maintenance	0.20
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File Name: FORSYTH_2021_10_M001

10	MECKLENBURG	Charlotte	SR 1674; Sears Road	From US 29/74 (Wilkinson Boulevard) to end of maintenance	0.32
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File Name: MECKLENBURG_2021_10_M001

Total Miles = 0.52

Additions to the State Highway System

Division	County	Municipality	Road	Termini	Length
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4	EDGECOMBE	Tarboro	Commerce Center Drive	From NC 122 (McNair Road) eastward for 0.13 miles	0.13
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File Name: EDGECOMBE_2021_10_M001

Total Miles = 0.13

NCDOT October 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 & R-3
3	Revisions of the Final Right of Way Plans	R-4
4	Conveyance ROW Residue by Real Estate Agent and or Auctioneer	R-5 – R-14
5	Approval of Conveyance of Highway Right of Way Residues	R-15 – R-16
6	Approval of Conveyance Surplus Highway Right of Way	R-17
7	Approval of Revision in Control of Access	R-18
8	Award of Contract to Private Firm(s)	R-19

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 4)

Nash County; I.D. No. U-5947; Project No. 46884.2.1:
NC 43 (Benvenue Road) at US 64 Bypass Offramp

(Division 5)

Durham County; I.D. No. P-5717; Project No. 46929.2.1:
Norfolk Southern H Line Crossing 734 742W at SR 1121 (Cornwallis Road) in Durham

(Division 6)

Robeson County; I.D. No. I-6064B; Project No. 49067.2.2:
I-95 from Carthage Road (Exit 19) to US 301 (Fayetteville Road, Exit 22)

Cumberland County; I.D. No. W-5706O; Project No. 44852.2.15:
SR 2244 (John McMillian Road at SR 2252 (Chichenfoot Road) (Utilities approved under 44852.2.30)

(Division 11)

Yadkin County; I.D. No. B-5833; Project No. 45786.2.1:
Bridge No. 29 over I-77 on US 21 Business

PRELIMINARY RIGHT OF WAY PLANS**5 PROJECT(S)****\$ 0.00**

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 1)**Project No. 41162.2.1; Dare County; I.D. No. R-5014:**

Drainage, grading, paving, signals and safety improvements on SR 1217 (Collington Road) from Dead end SUS 158 (Croatan Highway_ in Kill Devil Hills, operational-safety improvements with the right of way indicated upon the final plans for said project.

(Division 2)**Project No. 17BP.2.R.92; Pitt County; I.D. No. 071SR1418:**

Drainage, grading, paving, and structure on Bridge No. 171 over Johnson Mill Run on SR 1418 (Staton House Road) with the right of way indicated upon the final plans for said project.

(Division 6)**Project No. 39049.2.2; Cumberland County; I.D. No. U-4405A:**

Drainage, grading, paving, signals, and structure on US 401 (Raeford Road) from US 401 (Raeford Road) from Old Raeford Road to East of Bunce Road with the right of way indicated upon the final plans for said project.

(Division 9)**Project No. 38443.2.3; Davidson, Rowan & Stanly Counties; I.D. No. B-4626:**

Drainage, grading, paving, and structure on Bridge No. 3 and apply deck preservation treatment to Bridge No. 8 on NC 49 over Yadkin River and Winston-Salem Southbound Railroad with the right of way indicated upon the final plans for said project.

Final Right of Way Plans (continued)

(Division 9) (continued)

Project No. 50195.2.1; Davidson County; I.D. No. R-5737:

Drainage, grading, paving, and structure on US 29/US 70/Business 85 at SR 1798 (Old Greensboro Road). Convert at-grade intersection to interchange with the right of way indicated upon the final plans for said project.

(Division 10)

Project No. 50138.2.245; Union County; I.D. No. W-5601IJ:

Grading, paving, milling, drainage, and thermoplastic pavement marking on intersection of Lawyers Road (SR 1004) and Rock Hill Church Road (SR 1539) 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:

(Division 2)**Project No. 343360.2.4; I.D. No. R-1015; Craven/Carteret Counties:**

Final Right of Way plans approved on the minutes of the February 7, 2019 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 47 as presented at the October 7, 2021 Board of Transportation Meeting.

Project No. 45492.2.1; I.D. No. R-5516; Craven County:

Final Right of Way plans approved on the minutes of the August 6, 2015 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 8 and 9 as presented at the October 7, 2021 Board of Transportation Meeting.

(Division 12)**Project No. 34497.2.FS9; I.D. No. R-2707C; Cleveland County:**

Final Right of Way plans approved on the minutes of the May 4, 2017 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 20A as presented at the October 7, 2021 Board of Transportation Meeting.

REVISION FINAL ROW PLANS**3 PROJECT(S)****\$0.00**

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 1)

**Project R-2404B, Parcel 008, US-17
Bertie County**

Conveyance of an approximate 0.370-acre area comprised of one (1) C-class residue, having a value of \$2,421 to **GM Commercial Holdings LLC** for the highest offer amount of **\$2,197**; total commission \$250.

**Project R-0520A, Parcel 112, Caratoke Highway
Currituck County**

Conveyance of an approximate 0.160-acre area comprised of one (1) B-class residue, having a value of \$1,600 to **Gerald Keith Cartwright** for the highest offer amount of **\$1,600**; total commission \$250.

**Project R-2112B, Parcel 101Z, US-64
Martin County**

Conveyance of an approximate 5.000-acre area comprised of one (1) B-class residue, having a value of \$3,350 to **Terrence & Tara Weathersbe** for the highest offer amount of **\$18,500**; total commission \$1,850.

**Project R-0510C, Parcel 043, US-64
Martin County**

Conveyance of an approximate 0.250-acre area comprised of one (1) B-class residue, having a value of \$625 to **Stone Delali Quacoo** for the highest offer amount of **\$2,197**; total commission \$250.

**Project 058US64, Parcel 001,002, US-64
Martin County**

Conveyance of an approximate 0.247-acre area comprised of two (2) B-class residues, having a value of \$1,225 to **Devin Lee Hodges** for the highest offer amount of **\$4,250**; total commission \$500.

**Project U-2419, Parcel 018, NC-48
Northampton County**

Conveyance of an approximate 0.360-acre area comprised of two (2) B-class residues, having a value of \$3,000 to **John Greene** for the highest offer amount of **\$6,050**; total commission \$605.

**Project 066I95, Parcel 001, I-95
Northampton County**

Conveyance of an approximate 1.380-acre area comprised of one (1) B-class residue, having a value of \$366 to **Carlos Eugene Adkins** for the highest offer amount of **\$500**; total commission \$250.

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

Auctioneer (Continued)

(Division 1) (continued)

Project R-2548E, Parcel 054D, US-64

Tyrell County

Conveyance of an approximate 0.350-acre area comprised of one (1) B-class residue, having a value of \$870 to **Virginia Brownlow** for the highest offer amount of **\$870**; total commission \$250.

Project R-2548C, Parcel 012, US-64

Washington County

Conveyance of an approximate 0.100-acre area comprised of one (1) C-class residue, having a value of \$400 to **Timothy MacArthur Coles Richardson** for the highest offer amount of **\$750**; total commission \$250.

Project R-2548B, Parcel 007, US-64

Washington County

Conveyance of an approximate 5.200-acre area comprised of one (1) B-class residue, having a value of \$6,525 to **Daniel Dudoit Robinson** for the highest offer amount of **\$10,500**; total commission \$1,050.

Project R-2548D, Parcel 006, US-64

Washington County

Conveyance of an approximate 0.150-acre area comprised of one (1) B-class residue, having a value of \$400 to **Timothy MacArthur Coles Richardson** for the highest offer amount of **\$750**; total commission \$250.

Project R-2548A, Parcel 020, US-64

Washington County

Conveyance of an approximate 0.029-acre area comprised of one (1) B-class residue, having a value of \$500 to **Paulique M. Duson Horton** for the highest offer amount of **\$450**; total commission \$250.

(Division 3)

Project U-3462, Parcel 031 & 033, SR 1357 Smith Avenue

Brunswick County

Conveyance of an approximate 2.946-acre area comprised of two (2) B-class residues, having a value of \$7,000 to **Jessie Jayne and Felicia Jane** for the highest offer amount of **\$13,500**; total commission \$1,350.

Project R-2303E, Parcel 633, SR 1296 Sunset Avenue

Sampson County

Conveyance of an approximate 2.340-acre area comprised of one (1) A-class residue, having a value of \$130,000 to **Donna M. Montefusco** for the highest offer amount of **\$141,218**; total commission \$14,121.80.

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

Auctioneer (Continued)

(Division 4)

**Project R-2823, Parcel 018, Rocky Mount Northern Connector
Nash County**

Conveyance of an approximate 0.270-acre area comprised of one (1) B-class residue, having a value of \$5,000 to **Landis N. Harwell** for the highest offer amount of **\$4,500**; no additional commission fees required.

(Division 5)

**Project 032SR1317, Parcel 001, Morreene Road
Durham County**

Conveyance of an approximate 0.440-acre area comprised of one (1) C-class residue, having a value of \$1,200 to **Siddharth Vannemreedy** for the highest offer amount of **\$7,500**; no additional commission fees required.

**Project I-0306DB, Parcel 118, I-85
Durham County**

Conveyance of an approximate 0.430-acre area comprised of one (1) B-class residue, having a value of \$3,475 to **Ronald Evans** for the highest offer amount of **\$5,961**; no additional commission fees required.

**Project 032SR1811, Parcel 001, Miami Boulevard
Durham County**

Conveyance of an approximate 0.432-acre area comprised of one (1) A-class residue, having a value of \$31,000 to **BK&K Properties, LLC** for the highest offer amount of **\$121,556**; no additional commission fees required.

**Project U-0071C, Parcel V, Durham East End Connector
Durham County**

Conveyance of an approximate 1.384-acre area comprised of one (1) A-class residue, having a value of \$44,000 to **Weitz Real Estate LLC** for the highest offer amount of **\$135,470**; no additional commission fees required.

**Project U-4763B, Parcel 060, Triangle Parkway
Durham County**

Conveyance of an approximate 1.025-acre area comprised of one (1) A-class residue, having a value of \$258,000 to **Nonoj Gandhi & Mona Gandhi** for the highest offer amount of **\$284,445**; no additional commission fees required.

**Project U-0071C, Parcel 128, Durham East End Connector
Durham County**

Conveyance of an approximate 0.390-acre area comprised of one (1) B-class residue, having a value of \$13,000 to **Greenstreet Group LLC** for the highest offer amount of **\$13,000**; no additional commission fees required.

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

Auctioneer (Continued)

(Division 5) (continued)

**Project R-2000DB, Parcel 213, Northern Wake Expressway
Wake County**

Conveyance of an approximate 2.310-acre area comprised of one (1) A-class residue, having a value of \$358,000 to **Venture Properties, LLC** for the highest offer amount of **\$394,695**; no additional commission fees required.

**Project R-2541, Parcel 011, Holly Springs Bypass
Wake County**

Conveyance of an approximate 0.400-acre area comprised of one (1) B-class residue, having a value of \$37,500 to **Trillandco LLC** for the highest offer amount of **\$75,247**; no additional commission fees required.

(Division 6)

**Project X-0002C, Parcel 069A, Fayetteville Outer Loop
Cumberland County**

Conveyance of an approximate 0.010-acre area comprised of one (1) C-class residue, having a value of \$100 to **Led Ford** for the highest offer amount of **\$150**; total commission \$233.50.

**Project X-0002C, Parcel 007,009, Fayetteville Outer Loop
Cumberland County**

Conveyance of an approximate 0.190-acre area comprised of two (2) C-class residues, having a value of \$200 to **Spyridon Aslandis** for the highest offer amount of **\$270**; total commission \$473.

(Division 7)

**Project U-2717, Parcel 050, SR-1113 Kivett Drive
Guilford County**

Conveyance of an approximate 0.280-acre area comprised of one (1) C-class residues, having a value of \$3,000 to **Singh Associates, LLC** for the highest offer amount of **\$2,700**; total commission \$1,150.

(Division 8)

**Project R-2417C, Parcel 041, Sanford Bypass
Lee County**

Conveyance of an approximate 2.400-acre area comprised of one (1) B-class residue, having a value of \$5,000 to **Sabrina Davis** for the highest offer amount of **\$5,791**; no additional commission fees required.

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

Auctioneer (Continued)

(Division 8) (continued)

**Project 076SR1442, Parcel 001, Lexington Road
Randolph County**

Conveyance of an approximate 0.170-acre area comprised of one (1) B-class residue, having a value of \$2,250 to **Equity Trust Company Custodian FBO Ian Kipp** for the highest offer amount of **\$2,363**; no additional commission fees required.

**Project 076SR1009, Parcel 001, US-220 Bypass
Randolph County**

Conveyance of an approximate 0.220-acre area comprised of one (1) B-class residue, having a value of \$1,175 to **Donald L. Hemmingway Jr.** for the highest offer amount of **\$2,236**; no additional commission fees required.

**Project R-2231A, Parcel 033A, US-220 Bypass
Richmond County**

Conveyance of an approximate 0.630-acre area comprised of one (1) B-class residue, having a value of \$7,000 to **Shari & Edena Stancil** for the highest offer amount of **\$6,300**; no additional commission fees required.

(Division 9)

**Project I-2403AD, Parcel 037, I-85
Davidson County**

Conveyance of an approximate 0.320-acre area comprised of one (1) B-class residue, having a value of \$4,500 to **Roy Michael Cromer** for the highest offer amount of **\$10,500**; no additional commission fees required.

**Project 026SR2222, Parcel 001, I-85
Davidson County**

Conveyance of an approximate 0.020-acre area comprised of one (1) C-class residue, having a value of \$250 to **Mark E. Klass** for the highest offer amount of **\$250**; no additional commission fees required.

**Project R-2247CA, Parcel 105, Winston Salem Northern Beltway
Forsyth County**

Conveyance of an approximate 0.600-acre area comprised of one (1) B-class residue, having a value of \$16,000 to **The Villas at Peacehaven LLC** for the highest offer amount of **\$15,000**; no additional commission fees required.

**Project I-2511CB, Parcel 032, I-85
Rowan County**

Conveyance of an approximate 6.050-acre area comprised of one (1) B-class residue, having a value of \$12,000 to **Kalyan Kumar Sunkara** for the highest offer amount of **\$12,600**; no additional commission fees required.

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

Auctioneer (Continued)

(Division 9) (continued)

**Project P-5206A, Parcel 050A, Peeler Grade Separation over NCRR / NSRR
Rowan County**

Conveyance of an approximate 0.527-acre area comprised of one (1) B-class residue, having a value of \$14,500 to **Washington Second LLC** for the highest offer amount of **\$22,000**; no additional commission fees required.

**Project 08US70, Parcel 001, US-70
Rowan County**

Conveyance of an approximate 0.003-acre area comprised of one (1) C-class residue, having a value of \$250 to **Ricky H. Hilderbrand** for the highest offer amount of **\$250**; no additional commission fees required.

(Division 10)

**Project 004US74E, Parcel 001, US-74 East
Anson County**

Conveyance of an approximate 0.120-acre area comprised of one (1) C-class residue, having a value of \$250 to **Sim D. Kelly Jr.** for the highest offer amount of **\$400**; no additional commission fees required.

**Project R-2246A, Parcel 918, George Liles Parkway
Cabarrus County**

Conveyance of an approximate 0.660-acre area comprised of one (1) B-class residue and two (2) C-class residues, having a value of \$23,000 to **Creative Land Solutions** for the highest offer amount of **\$24,000**; no additional commission fees required.

**Project R-2246B, Parcel 037, George Liles Parkway Extension
Cabarrus County**

Conveyance of an approximate 0.330-acre area comprised of one (1) B-class residue, having a value of \$16,900 to **Creative Land Solutions** for the highest offer amount of **\$16,999**; no additional commission fees required.

**Project U-2510C, Parcel 037, NC-16 Old Providence Road
Mecklenburg County**

Conveyance of an approximate 0.530-acre area comprised of one (1) A-class residue, having a value of \$175,000 to **Southcraft Builders** for the highest offer amount of **\$208,000**; no additional commission fees required.

**Project R-2123AA, Parcel 009, I-485
Mecklenburg County**

Conveyance of an approximate 0.150-acre area comprised of one (1) B-class residue, having a value of \$6,500 to **Kevin A. & Linda K. Harmon** for the highest offer amount of **\$5,850**; no additional commission fees required.

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

Auctioneer (Continued)

(Division 10) (continued)

Project U-2005A, Parcel 118B, SR-2853 Delta Road

Mecklenburg County

Conveyance of an approximate 0.440-acre area comprised of two (2) A-class residues, having a value of \$92,000 to **Terese Swan-Hutchinson**. for the highest offer amount of **\$99,000** no additional commission fees required.

Project U-2507A, Parcel 106, SR-2467 Mallard Creek Road

Mecklenburg County

Conveyance of an approximate 0.430-acre area comprised of one (1) B-class residue, having a value of \$3,500 to **Patrica Coleman Mason & Charles Alexander Mason** for the highest offer amount of **\$5,600**; no additional commission fees required.

Project R-2248BA, Parcel 013, I-485

Mecklenburg County

Conveyance of an approximate 0.210-acre area comprised of one (1) C-class residue, having a value of \$1,500 to **Reginald & Patricia Keistler** for the highest offer amount of **\$1,500**; no additional commission fees required.

Project 013SR2690, Parcel 001, SR-2690 Empire Drive

Mecklenburg County

Conveyance of an approximate 0.250-acre area comprised of one (1) B-class residue, having a value of \$3,500 to **John Ray Nobles Jr. & Penelope M. Nobles, wife** for the highest offer amount of **\$3,500**; no additional commission fees required.

Project 060SR2878, Parcel 001, I-485

Mecklenburg County

Conveyance of an approximate 0.310-acre area comprised of one (1) B-class residue, having a value of \$2,500 to **JS Helms Family Properties LLC** for the highest offer amount of **\$2,500**; no additional commission fees required.

Project R-2248D, Parcel 057, I-485

Mecklenburg County

Conveyance of an approximate 0.009-acre area comprised of one (1) C-class residue, having a value of \$500 to **Metrolina Properties Limited Partnership** for the highest offer amount of **\$500**; no additional commission fees required.

Project R-0967CB, Parcel 104, NC 24-27

Stanly County

Conveyance of an approximate 0.480-acre area comprised of one (1) B-class residue, having a value of \$6,500 to **John P. Hatley & wife, Jodie M. Hatley** for the highest offer amount of **\$5,850**; no additional commission fees required.

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

Auctioneer (Continued)

(Division 10) (continued)

Project R-0967CB, Parcel 026, NC 24-27

Stanly County

Conveyance of an approximate 0.040-acre area comprised of one (1) C-class residue, having a value of \$750 to **Kristi Alison Thompson** for the highest offer amount of **\$750**; no additional commission fees required.

Project 084SR2043, Parcel 001, SR-2043 Forever Road

Stanly County

Conveyance of an approximate 0.490-acre area comprised of one (1) B-class residue, having a value of \$3,500 to **The Rock Christian Fellowship Church** for the highest offer amount of **\$3,500**; no additional commission fees required.

Project R-2320G, Parcel 047, US-52 Extension

Stanly County

Conveyance of an approximate 0.322-acre area comprised of two (2) B-class residues, having a value of \$3,500 to **Jonathan Farmer** for the highest offer amount of **\$3,150**; no additional commission fees required.

Project R-0967CC, Parcel 170 & 171Z, NC24-27

Stanly County

Conveyance of an approximate 1.470-acre area comprised of two (2) B-class residues, having a value of \$13,500 to **Harvest Church of Albemarle NC, Inc.** for the highest offer amount of **\$12,150**; no additional commission fees required.

Project R-0967CB, Parcel 016, NC24-27

Stanly County

Conveyance of an approximate 0.630-acre area comprised of one (2) B-class residues, having a value of \$1,500 to **David Lee & Nancy H. Mullis** for the highest offer amount of **\$3,000**; no additional commission fees required.

Project R-0967CB, Parcel 918, NC24-27

Stanly County

Conveyance of an approximate 0.290-acre area comprised of one (1) B-class residue, having a value of \$4,000 to **Christopher L. & Jera S. Norwood** for the highest offer amount of **\$4,000**; no additional commission fees required.

Project R-0967CB, Parcel 133, NC24-27

Stanly County

Conveyance of an approximate 0.560-acre area comprised of one (1) B-class residue, having a value of \$4,500 to **Kevin J. Brickman & Anita LG-Brickman** for the highest offer amount of **\$4,500**; no additional commission fees required.

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

Auctioneer (Continued)

(Division 10) (continued)

Project R-3329, Parcel 046, US-74 Bypass

Union County

Conveyance of an approximate 2.510-acre area comprised of one (1) A-class residue, having a value of \$60,000 to **Rainey Days, LLC**. for the highest offer amount of **\$61,500**; no additional commission fees required.

Project R-3329, Parcel 469 & 467, US-74 Bypass

Union County

Conveyance of an approximate 11.110-acre area comprised of three (3) A-class residues, having a value of \$255,000 to **Santiago Vega Calderon** for the highest offer amount of **\$270,000**; no additional commission fees required

(Division 12)

Project 036185, Parcel 001, I-85

Gaston County

Conveyance of an approximate 0.390-acre area comprised of one (1) B-class residue, having a value of \$500 to **William Fields & Shauna Leon** for the highest offer amount of **\$500**; total commission \$1,000.

Project 049SR2359, Parcel 001, SR-2359 Bethesda Road

Iredell County

Conveyance of an approximate 0.430-acre area comprised of one (1) A-class residue, having a value of \$15,000 to **Helmsman Homes, LLC** for the highest offer amount of **\$15,000**; total commission \$1000.

(Division 13)

Project B-1070, Parcel 011, 012, & 014, US-25

Buncombe County

Conveyance of an approximate 0.770-acre area comprised of two (2) A-class residues and one (1) C-Class residue, having a value of \$146,050 to **Rajit Ramkumar & Lekshmi Nair** for the highest offer amount of **\$138,250**; total commission \$9,277.

Project R-2306B, Parcel 042, US-74

Buncombe County

Conveyance of an approximate 1.205-acre area comprised of one (1) A-class residue, having a value of \$67,000 to **Patrick Sinclair** for the highest offer amount of **\$63,000**; total commission \$3,780.

Project R-2116, Parcel 043, NC-151

Buncombe County

Conveyance of an approximate 0.450-acre area comprised of one (1) A-class residue, having a value of \$39,000 to **Mariya Dehteruk** for the highest offer amount of **\$41,111**; total commission \$2,466.

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

Auctioneer (Continued)

(Division 13) (continued)

Project 011US25, Parcel 001, US-25

Buncombe County

Conveyance of an approximate 0.430-acre area comprised of one (1) A-class residue, having a value of \$62,000 to **Brandon K. Horne & Ashley J. Hittel** for the highest offer amount of **\$75,000**; total commission \$4,500.

Project 011SR3317, Parcel 001, SR-3317 Town Mountain Road

Buncombe County

Conveyance of an approximate 0.370-acre area comprised of one (1) A-class residue, having a value of \$125,000 to **Guna Jayaseelapadian** for the highest offer amount of **\$112,500**; total commission \$6,750.

Project R-2116, Parcel 029, NC-151

Buncombe County

Conveyance of an approximate 0.650-acre area comprised of one (1) A-class residue, having a value of \$29,000 to **Carl R. Mentele & Deborah K. Mentele** for the highest offer amount of **\$34,600**; total commission \$2,076.

Project R-2306A, Parcel 011, US-74

Buncombe County

Conveyance of an approximate 0.310-acre area comprised of one (1) A-class residue, having a value of \$25,000 to **Micha Larimore** for the highest offer amount of **\$30,500**; total commission \$1,830.

Approval of Conveyance of Highway Right of Way Residues

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

(Division 3)**Project U-5132, Parcel 018 NC24 Lejeune Boulevard
Onslow County**

Conveyance of approximately 0.290 Acre area to The City of Jacksonville for public use as open space/preservation to be included in the Town's inventory. Area would remain undeveloped for entrance to the Ellis Park Neighborhood. A reverter clause will be included in instrument so if this 0.290 Acre area is no longer needed for public purposes, the Town conveys the area back to the Department at no expense to the Department.

**Project U-1453P, Parcel 008,021, Chaney Street Extension
Onslow County**

Conveyance of approximately 0.015 Acre area to The City of Jacksonville for public use as a Transit Bus Stop, pedestrian travel and for wayfinding signage. Area will also be improved with landscaping and may serve as a pocket park. A reverter clause will be included in instrument so if this 0.015 Acre area is no longer needed for public purposes, the Town conveys the area back to the Department at no expense to the Department.

(Division 4)**Project 051NC210, Parcel 005, NC 210
Nash County**

Conveyance of an approximate 3.160 area comprised of one (1) B-class residue, having a value of **\$3,318.00** to **Johnston County** for the highest offer amount of **\$3,318.00**.

**Project U-3621B, Parcel 040 & 041, SR-1604 Hunter Hill Road
Nash County**

Conveyance of an approximate 0.270-acre area comprised of two (2) C-class residues, having a value of **\$1,035** to **Robert J. & Lashawnda R. Silver** for the highest offer amount of **\$1,035.00**.

(Division 6)**Project I-5878, Parcel 065, I-95 at US 421 and SR 1793
Harnett County**

Conveyance of an approximate 1.387-acre area comprised of one (1) B-class and one (1) C-class residue, having a value of **\$9,700** to **Randy B. Emanuel, Sr.** as part-settlement of his right of way claim on project I-5878 parcel 083.

Approval of Conveyance of Highway Right of Way Residues (Continued)

(Division 9)

**Project U-2579B, Parcel 184, Winston Salem Northern Beltway
Forsyth County**

Conveyance of an approximate 0.350-acre area comprised of one (1) B-class residue, having a value of **\$2,075.00** to **Kenny Lee Manning & Jessica Samayoa** for the highest offer amount of **\$2,075.00**.

**Project U-2579B, Parcel 164 & 165, Winston Salem Northern Beltway
Forsyth County**

Conveyance of an approximate 12.265-acre area comprised of one (1) A-class residue and one (1) C-class, having a value of **\$18,400** to **P & P of Asheboro, LLC** for the highest offer amount of **\$25,000.00**.

**Project U-4909, Parcel 041, SR-2643 Union Cross Road
Forsyth County**

Conveyance of an approximate 0.490-acre area comprised of one (1) B-class residue, having a value of **\$4,450.00** to **Glenn Douglas Hart** for the highest offer amount of **\$4,661.00**.

(Division 11)

**Project R-2237C, Parcel 186, US 321
Watauga County**

Conveyance of an approximate 2.057-acre area comprised of one (1) A-class residue, having a value of **\$442,250.00** to **The Town of Blowing Rock** for the highest offer amount of **\$442,250**.

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 8.12007 SR 1493 (Cedar Street) at Moore Street in Town of Beaufort
Carteret County**

Disposal of approximately 0.445-acre surplus right of way to Homer Smith, LLC, for no consideration.

(Division 10)

**Project 6585 North Tryon Road Near Periwinkle Hill Avenue in Charlotte,
Mecklenburg County**

Disposal of approximately 0.440-acre surplus right of way to McKinney Holdings NC II, LLC for no consideration.

(Division 12)

**Project 8.1830402 (R-0617BA) SR 2098 (W Old NC 150) near NC 150 in Crouse
Lincoln County**

Disposal of approximately 0.830-acre surplus right of way to Cherry-Linc, Inc, for no consideration.

(Division 13)

**Project 6.804113 (R-2643) SR 1001 (Sugar Hill Road)
McDowell County**

Disposal of approximately 0.170-acre surplus right of way to Gurley Properties, LLC, for no consideration.

Approval of Revision in Control of Access

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

(Division 3)

Project 6.2310029, Parcel 094 US 74 (Andrew Jackson Highway) East of SR 1419 (Northwest Road) in City of Northwest Brunswick County

Revision in the control of access along US 74 (Andrew Jackson Highway) East of SR 1419 (Northwest Road) in City of Northwest in Brunswick County to 7H LLC for no consideration.

(Division 9)

Project 8.1528903, I-85 North of and along NC 8 (Cotton Grove Road) in the City of Lexington Davidson County

Revision in the control of access along NC 8 (Cotton Grove Road) to Lexington Cotton Grove Retail, LLC for no consideration.

Award of Contracts to Private Firms for Field Support Services Right of Way 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 Right of Way Services on an as needed basis for various federal-aid and state funded projects to support the Right of Way Unit. These contracts will expire two (2) years, with an optional one (1) year extension, 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 Statewide Right of Way Services LSC
Firm:	The Right of Way Group LLC, Lumberton, NC
Original Right of Way Services Fee:	\$8,000,000.00
Supplemental Fee:	\$2,427,250.00
SPSF Utilization:	100%

APPROVAL OF CONTRACTS PRIVATE FIRMS	1 PROJECTS	\$ 10,427,250.00
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R-ITEM SUMMARY	96 PROJECT(S)	TOTAL: \$ 13,478,415.00
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**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2021 - 2022**

On July 1, 2021, in accordance with the Governor's recommended budget, the Board approved a partial allocation of maintenance funds in the amount of \$1,087,731,212. At the time of the partial allocation, the General Assembly had not ratified House Bill 555. As of October 1, 2021, when this agenda item was prepared, Senate Bill 105 had not been ratified by the General Assembly. At this time, however, staff recommends allocating an additional \$406,787,935 for General Maintenance Reserve, Roadside Environmental, Contract Resurfacing, Pavement Preservation, Bridge Program, and Bridge Preservation.

The recommended supplemental allocation of \$406,787,935 will increase the total FY 2022 maintenance allocation to \$1,494,519,147. This amount represents the minimum appropriation proposed for maintenance programs this fiscal year and does not exceed the appropriations specified in the FY 2021-23 Continuation budget.

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

Additional details can be found in Tables 2 through 8 on pages S-3 through S-9.

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2021 - 2022**

Table 1 – MAINTENANCE ALLOCATION SUMMARY

<u>SCHEDULE I(a) – GENERAL MAINTENANCE RESERVE</u>	<u>PREVIOUS ALLOCATIONS</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
Road and Bridge Maintenance	142,783,378	133,200,380	275,983,758
Asset Maintenance and Operation	15,825,000	1,100,000	16,925,000
Emergency	(1,873,214)	0	(1,873,214)
Research and Development	7,745,836	965,000	8,710,836
State and Federal Obligation	10,519,000	0	10,519,000
Paydown on Previous Cashflow Balance	30,000,000	0	30,000,000
Subtotal	\$205,000,000	\$135,265,380	\$340,265,380
<u>SCHEDULE I(b) – GENERAL MAINTENANCE RESERVE EMERGENCIES</u>			
Division Snow & Ice	60,000,000	0	60,000,000
Emergency	33,731,212	0	33,731,212
Subtotal	\$93,731,212	\$0	\$93,731,212
<u>SCHEDULE II - ROADSIDE ENVIRONMENTAL</u>			
Division Distribution	14,740,000	45,282,679	60,022,679
Asset Maintenance and Operation	5,060,000	0	5,060,000
State and Federal Obligation	200,000	0	200,000
Paydown on Previous Cashflow Balance	35,000,000	0	35,000,000
Subtotal	\$55,000,000	\$45,282,679	\$100,282,679
<u>SCHEDULE III – CONTRACT RESURFACING</u>			
Division Distribution	233,650,000	35,682,480	269,332,480
Asset Maintenance and Operation	11,350,000	0	11,350,000
Paydown on Previous Cashflow Balance	255,000,000	0	255,000,000
Subtotal	\$500,000,000	\$35,682,480	\$535,682,480
<u>SCHEDULE IV – PAVEMENT PRESERVATION</u>			
Division Distribution	59,000,000	20,440,803	79,440,803
Paydown on Previous Cashflow Balance	5,000,000	0	5,000,000
Subtotal	\$64,000,000	\$20,440,803	\$84,440,803
<u>SCHEDULE V – BRIDGE PROGRAM</u>			
Division Distribution	48,046,234	54,390,005	102,436,238
Central Distribution	71,764,850	81,585,007	153,349,858
Paydown on Previous Cashflow Balance	15,188,916	0	15,188,916
Subtotal	\$135,000,000	\$135,975,012	\$270,975,012
<u>SCHEDULE VI – BRIDGE PRESERVATION</u>			
Division Distribution	17,500,000	17,500,000	35,000,000
Central Distribution	8,863,088	16,641,581	25,504,669
Paydown on Previous Cashflow Balance	8,636,912	0	8,636,912
Subtotal	\$35,000,000	\$34,141,581	\$69,141,581
Grand Total	\$1,087,731,212	\$406,787,935	\$1,494,519,147

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2021 - 2022**

SCHEDULE I(a) – GENERAL MAINTENANCE RESERVE

The Board previously approved \$205,000,000 for General Maintenance Reserve as part of the July 1, 2021 partial allocation. To support ongoing maintenance and operations activities, and to avoid contract and scheduling delays, staff recommends allocating an additional \$135,265,380 for General Maintenance Reserve at this time. Of the \$135,265,380, \$133,200,380 will be distributed to the Divisions based on a previously approved allocation formula. \$2,065,000 will be allocated at the state-wide level for Asset Maintenance and Operations, and Research and Development activities.

The recommended supplemental allocation will increase the total General Maintenance Reserve allocation for FY 2022 to \$340,265,380. This amount represents the minimum appropriation proposed for the program this fiscal year.

Recommended General Maintenance Reserve allocations are detailed in Table 2 below:

Table 2 – GENERAL MAINTENANCE RESERVE

<u>DIVISION</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	7,775,898	9,285,105	17,061,003
2	9,227,933	8,616,267	17,844,200
3	11,011,346	9,630,256	20,641,602
4	9,643,074	10,428,633	20,071,707
5	14,652,486	11,890,159	26,542,645
6	9,797,645	9,656,812	19,454,457
7	12,874,510	9,593,631	22,468,141
8	8,643,788	10,446,391	19,090,179
9	9,794,377	8,447,672	18,242,049
10	14,619,268	9,516,449	24,135,717
11	6,635,145	8,659,903	15,295,048
12	10,454,218	9,672,436	20,126,654
13	7,952,582	8,361,323	16,313,905
14	9,701,108	8,995,343	18,696,451
Subtotal	\$142,783,378	\$133,200,380	\$275,983,758
Asset Maintenance & Operations	15,825,000	1,100,000	16,925,000
Emergencies	(1,873,214)	0	(1,873,214)
Research and Development	7,745,836	965,000	8,710,836
State and Federal Obligation	10,519,000	0	10,519,000
Cashflow Payback	30,000,000	0	30,000,000
Subtotal	\$62,216,622	\$2,065,000	\$56,517,524
Grand Total	\$205,000,000	\$135,265,380	\$340,265,380

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2021 - 2022**

SCHEDULE I(b) – GENERAL MAINTENANCE RESERVE EMERGENCIES

General Maintenance Reserve Emergencies was established in FY 2021 for funding non-declared emergency events.

The Board previously approved \$93,731,212 for General Maintenance Reserve Emergencies as part of the July 1, 2021 partial allocation. \$60,000,000 was allocated to the Divisions based on a pro-rata share of five-year average Snow & Ice expenditures. \$33,731,212 was allocated at the state-wide level to fund Snow & Ice equipment purchases and unanticipated non-declared emergency operations, excluding Snow & Ice operations.

No allocations or adjustments are recommended for General Maintenance Reserve Emergencies at this time. See Table 3 below:

Table 3 – GENERAL MAINTENANCE RESERVE EMERGENCIES

<u>DIVISION</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	1,364,947	0	1,364,947
2	1,175,793	0	1,175,793
3	685,514	0	685,514
4	2,314,083	0	2,314,083
5	4,970,349	0	4,970,349
6	845,026	0	845,026
7	7,749,481	0	7,749,481
8	1,615,178	0	1,615,178
9	6,431,937	0	6,431,937
10	2,859,573	0	2,859,573
11	9,820,268	0	9,820,268
12	2,515,062	0	2,515,062
13	9,211,496	0	9,211,496
14	8,441,293	0	8,441,293
Subtotal	\$60,000,000	\$0	\$60,000,000
Emergencies	33,731,212	0	33,731,212
Grand Total	\$93,731,212	\$0	\$93,731,212

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2021 - 2022**

SCHEDULE II – ROADSIDE ENVIRONMENTAL

The Board previously approved \$55,000,000 for Roadside Environmental as part of the July 1, 2021 partial allocation. To support ongoing maintenance and operations activities, and to avoid contract and scheduling delays, staff recommends allocating an additional \$45,282,679 for Roadside Environmental at this time. The supplemental allocation will be distributed to the Divisions based on a previously approved allocation formula.

The recommended supplemental allocation will increase the total Roadside Environmental allocation for FY 2022 to \$100,282,679. This amount represents the minimum appropriation proposed for the program this fiscal year.

Recommended Roadside Environmental allocations are detailed in Table 4 below.

Table 4 – ROADSIDE ENVIRONMENTAL

<u>DIVISION</u>	<u>PREVIOUS ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	881,377	3,074,870	3,956,247
2	452,157	2,789,248	3,241,405
3	514,434	3,149,152	3,663,586
4	2,103,000	3,881,338	5,984,338
5	807,966	3,837,113	4,645,079
6	1,027,737	3,541,712	4,569,449
7	978,488	3,218,349	4,196,837
8	715,805	3,628,858	4,344,663
9	1,202,135	2,762,742	3,964,877
10	1,017,353	3,044,803	4,062,156
11	757,442	3,159,649	3,917,091
12	1,502,605	3,370,518	4,873,123
13	1,127,265	2,930,853	4,058,118
14	1,652,236	2,893,474	4,545,710
Subtotal	\$14,740,000	\$45,282,679	\$60,022,679
Asset Maintenance & Operations	5,060,000	0	5,060,000
Emergencies	0	0	0
Research and Development	0	0	0
State and Federal Obligation	200,000	0	200,000
Transfer from Admin	35,000,000	0	35,000,000
Subtotal	\$40,260,000	\$0	\$40,260,000
Grand Total	\$55,000,000	\$45,282,679	\$100,282,679

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2021 - 2022**

SCHEDULE III – CONTRACT RESURFACING

The Board previously approved \$500,000,000 for Contract Resurfacing as part of the July 1, 2021 partial allocation. To support ongoing maintenance and operations activities, and to avoid contract and scheduling delays, staff recommends allocating an additional \$35,682,480 for Contract Resurfacing at this time. The supplemental allocation will be distributed to the Divisions based on a previously approved allocation formula.

The recommended supplemental allocation will increase the total Contract Resurfacing allocation for FY 2022 to \$535,682,480. This amount represents the minimum appropriation proposed for the program this fiscal year.

Recommended Contract Resurfacing allocations are detailed in Table 5 below:

Table 5 – CONTRACT RESURFACING

<u>DIVISION</u>	<u>PREVIOUS ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	14,670,818	2,242,281	16,913,099
2	15,697,119	2,401,596	18,098,715
3	18,090,556	2,765,946	20,856,502
4	20,244,096	3,086,402	23,330,498
5	23,828,795	3,640,353	27,469,148
6	15,389,875	2,352,753	17,742,628
7	17,785,205	2,721,064	20,506,269
8	19,267,032	2,936,915	22,203,947
9	12,075,332	1,836,614	13,911,946
10	18,692,330	2,859,851	21,552,181
11	12,811,443	1,956,810	14,768,253
12	13,411,654	2,041,066	15,452,720
13	14,994,609	2,288,683	17,283,292
14	16,691,136	2,552,146	19,243,282
Subtotal	\$233,650,000	\$35,682,480	\$269,332,480
Statewide	11,350,000	0	11,350,000
Paydown of Previous Cashflow	255,000,000	0	255,000,000
Subtotal	\$266,350,000	\$0	\$266,350,000
Grand Total	\$500,000,000	\$35,682,480	\$535,682,480

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2021 - 2022**

SCHEDULE IV – PAVEMENT PRESERVATION

The Board previously approved \$64,000,000 for Pavement Preservation as part of the July 1, 2021 partial allocation. To support ongoing maintenance and operations activities, and to avoid contract and scheduling delays, staff recommends allocating an additional \$20,440,803 for Pavement Preservation at this time. The supplemental allocation will be distributed to the Divisions based on a previously approved allocation formula.

The recommended supplemental allocation will increase the total Pavement Preservation allocation for FY 2022 to \$84,440,803. This amount represents the minimum appropriation proposed for the program this fiscal year.

Recommended Pavement Preservation allocations are detailed in Table 6 below:

Table 6 – PAVEMENT PRESERVATION

<u>DIVISION</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	5,402,865	1,178,708	6,581,573
2	2,188,840	1,202,967	3,391,807
3	4,599,435	1,387,281	5,986,716
4	5,145,937	1,758,463	6,904,400
5	4,392,149	1,596,754	5,988,903
6	4,642,696	1,607,251	6,249,947
7	3,792,505	1,358,804	5,151,309
8	5,007,079	1,737,444	6,744,523
9	4,085,191	1,390,103	5,475,294
10	3,640,337	1,272,313	4,912,650
11	5,182,379	1,674,803	6,857,182
12	1,559,820	1,582,325	3,142,145
13	4,126,638	1,338,549	5,465,187
14	5,234,129	1,355,038	6,589,167
Subtotal	\$59,000,000	\$20,440,803	\$79,440,803
Statewide	0	0	0
Cashflow Payback	5,000,000	0	5,000,000
Subtotal	\$5,000,000	\$0	\$5,000,000
Grand Total	\$64,000,000	\$20,440,803	\$84,440,803

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2021 - 2022**

SCHEDULE V – BRIDGE PROGRAM

The Board previously approved \$135,000,000 for Bridge Program as part of the July 1, 2021 partial allocation. To support ongoing maintenance and operations activities, and to avoid contract and scheduling delays, staff recommends allocating an additional \$135,975,012 for Bridge Program at this time. Of the \$135,975,012, \$54,390,004 will be distributed to the Divisions based on a previously approved allocation formula. \$81,585,008 will be allocated at the state-wide level for centrally managed program activities.

The recommended supplemental allocation will increase the total Bridge Program allocation for FY 2022 to \$270,975,012. This amount represents the minimum appropriation proposed for the program this fiscal year.

Recommended Bridge Program allocations are detailed in Table 7 below:

Table 7 – BRIDGE PROGRAM

<u>DIVISION</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	2,468,073	2,614,338	5,082,411
2	3,038,229	3,383,841	6,422,070
3	2,662,805	2,871,737	5,534,542
4	2,576,965	2,774,135	5,351,100
5	2,956,365	3,270,344	6,226,709
6	2,097,860	2,124,985	4,222,845
7	4,099,531	4,692,837	8,792,368
8	2,592,409	2,794,549	5,386,958
9	2,691,581	2,925,636	5,617,217
10	2,668,193	2,894,721	5,562,914
11	5,410,457	6,454,058	11,864,515
12	3,930,237	4,562,911	8,493,148
13	6,118,141	7,407,993	13,526,134
14	4,735,388	5,617,919	10,353,307
Subtotal	\$48,046,234	\$54,390,004	\$102,436,238
Statewide	71,764,850	81,585,008	153,349,858
Cashflow Payback	15,188,916	0	15,188,916
Subtotal	\$86,953,766	\$81,585,008	\$168,538,774
Grand Total	\$135,000,000	\$135,975,012	\$270,975,012

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED SUPPLEMENTAL ALLOCATION OF HIGHWAY MAINTENANCE
APPROPRIATIONS
FISCAL YEAR 2021 - 2022**

SCHEDULE VI – BRIDGE PRESERVATION

The Board previously approved \$35,000,000 for Bridge Preservation as part of the July 1, 2021 partial allocation. To support ongoing maintenance and operations activities, and to avoid contract and scheduling delays, staff recommends allocating an additional \$34,141,581 for Bridge Preservation at this time. Of the \$34,141,581, \$17,500,000 will be distributed to the Divisions based on a previously approved allocation formula. \$16,641,581 will be allocated for state-wide and centrally managed program activities.

The recommended supplemental allocation will increase the total Bridge Preservation allocation for FY 2022 to \$69,141,581. This amount represents the minimum appropriation proposed for the program this fiscal year.

Recommended Bridge Preservation allocations are detailed in Table 8 below:

Table 8 – BRIDGE PRESERVATION

<u>DIVISION</u>	<u>ORIGINAL ALLOCATION</u>	<u>SUPPLEMENTAL ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	1,284,720	1,232,338	2,517,058
2	1,109,673	1,081,186	2,190,859
3	1,459,481	1,161,713	2,621,194
4	1,222,925	1,265,669	2,488,594
5	1,504,294	1,554,801	3,059,095
6	945,110	965,724	1,910,834
7	1,265,996	1,310,245	2,576,241
8	1,053,384	1,090,202	2,143,586
9	1,034,255	1,070,404	2,104,659
10	1,463,766	1,441,445	2,905,211
11	1,144,325	1,184,321	2,328,646
12	1,117,795	1,156,864	2,274,659
13	1,513,326	1,566,221	3,079,547
14	1,380,950	1,418,867	2,799,817
Subtotal	\$17,500,000	\$17,500,000	\$35,000,000
Statewide	8,863,088	16,641,581	\$25,504,669
Cashflow Payback	8,636,912	0	8,636,912
Subtotal	\$17,500,000	\$16,641,581	\$34,141,581
Grand Total	\$35,000,000	\$34,141,581	\$69,141,581

Item S Summary: 6 Actions totaling \$406,787,935

September 24, 2021

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Division

SUBJECT: Submission of the Yancey County Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Division has worked cooperatively with Yancey County on their Comprehensive Transportation Plan (CTP). The plan was adopted by Yancey County on August 9, 2021, and the Town of Burnsville on August 3, 2021. It was endorsed by the High Country RPO on August 18, 2021.

The plan is based on an analysis of existing and projected travel and land use, public involvement, and field investigations of recommended improvements. It is located on the web at:

https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Yancey%20County

The Transportation Planning Division recommends the mutual adoption of the Yancey County Comprehensive Transportation Plan.

Sincerely,

Jamal Alavi

Jamal Alavi, P.E.
Director, Transportation Planning Division

Attachment

October 7, 2021

September 24, 2021

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Division

SUBJECT: Submission of the Macon County Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Division has worked cooperatively with Macon County on their Comprehensive Transportation Plan (CTP). The plan was adopted by Macon County on April 14, 2021, the Town of Franklin on May 3, 2021, and the Town of Highlands on May 27, 2021. It was endorsed by the Southwestern RPO on May 24, 2021.

The plan is based on an analysis of existing and projected travel and land use, public involvement, and field investigations of recommended improvements. It is located on the web at:

https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id=Macon%20County

The Transportation Planning Division recommends the mutual adoption of the Macon County Comprehensive Transportation Plan.

Sincerely,

Jamal Alavi

Jamal Alavi, P.E.
Director, Transportation Planning Division

Attachment

October 7, 2021

ITEM V

NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V for the
October 7, 2021 Board of Transportation
meeting.



North Carolina Department of Transportation
Materials and Tests Unit – Product Evaluation Program
Innovative Technologies and Products Awareness Report
October 6th, 2021



PRODUCT HIGHLIGHT – Profile® HP Specialty Blend with Tack

**Thermally Refined®
Wood Fibers**



**Atmospherically Refined
Wood Fibers**



The photos above illustrate the 30% yield advantage of Thermally Refined wood fibers. Both bowls contain 14 grams and were applied at the same rate.

Comparison of Traditional vs. Thermally Refined™ fibers – image from Profile® HP Specialty Blend with Tackifier brochure

The Profile® High Performance (HP) Specialty Blend with Tack is manufactured by Profile® Products out of Limestone, Tennessee. It is currently approved for use and listed on the Approved Products List (APL) as NP21-8944. The Profile® HP Specialty Blend with Tack is a hydraulically applied Mulch to control erosion and revegetate mild slopes ($\leq 3H:1V$). The Specialty Blend with Tack is composed of biodegradable cellulose fibers (67%), 100% recycled Thermally Refined™ wood fibers (30%), and a high-viscosity colloidal polysaccharide wetting agent (3%). The Specialty Blend with Tack is mixed at a rate of 60 lbs. of product per 100 gallons of water and is applied at a rate of 2,000 – 2,500 lbs. per acre (depending upon the slope). The Thermally Refined™ wood fibers are modified in a process that creates finer, longer, and more absorbent wood fibers. This leads to fibers with a greater surface area that provides for a higher water-holding capacity.

For more information, please visit:

www.profileevs.com/products/



Application of Profile® HP Hydraulic Mulch products – image from Profile® HP Mulch brochure

PRODUCT INNOVATION – Hercules



View of the Hercules non-gating impact attenuator – image from SMA Road Safety brochure

The Hercules is currently manufactured by Safety Modular Absorber (SMA) Road Safety out of Marcinise, Italy but will be manufactured in Ohio for sales within the United States. It is currently approved for use and listed on the APL as NP21-8875. The Hercules is a 100% steel, re-directive, energy absorbing, non-gating impact attenuator that is impact tested to MASH 2016 (Manual for Assessing Safety Hardware) Test Level 3 (TL-3) standards. The TL-3 approvals are for Medium sized vehicle impacts at speeds up to 62 MPH, and a crash angle of 25 degrees. The Hercules can be attached to both steel and concrete barriers and is repairable after an impact. It is approximately 35 inches high, 19 feet 5 inches long, and either 24 or 32 inches in width (depending upon model). For more information, please visit:

www.smaroadsafety.com

RESOLUTION FOR MAYOR ANDY EVANS BRIDGE

WHEREAS, Floyd Anthony “Andy” Evans was a lifelong resident of Fremont, N. C.; and

WHEREAS, Evans graduated from Charles B. Aycock High School in 1970 and from Wayne Community College in 1972; and

WHEREAS, Evans was president of Evans Farms, Inc., a steward of the land and vital contributor to his community; and

WHEREAS, Evans served Fremont faithfully, as alderman for 12 years and then as mayor for eight years; and

WHEREAS, Evans was a charter member of the Fremont Area Jaycees, president of the Wayne County Young Farmers and an active member of his local masonic home lodge; and

WHEREAS, Evans served on the Wayne Community College Board of Trustees and the Wayne County Strategic Plan Steering Committee; and

WHEREAS, Evans was inducted into the North Carolina Agricultural Hall of Fame in 2013 and received the Woodmen of the World Environmental Award in 2014; and

WHEREAS, the Wayne County Board of Commissioners and the Town of Fremont request that the North Carolina Board of Transportation name a bridge in honor of Mayor Andy Evans.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the bridge on NC 222 over I-795 in Wayne County the *Mayor Andy Evans Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 6th day of October 2021 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR OFFICER DONALD RAY TUCKER BRIDGE

WHEREAS, Donald Ray Tucker was a Sampson County native and a 1987 Midway High School graduate; and

WHEREAS, Tucker attended the Coastal Plain Law Enforcement Academy in Wilson for basic law enforcement training; and

WHEREAS, Tucker joined the Clinton Police Department as a uniformed officer in 1990 and assisted the Interagency Drug Enforcement; and

WHEREAS, Tucker volunteered his time speaking with young people while he was with the department, warning them about drug use; and

WHEREAS, Tucker volunteered with Carteret County as an undercover officer for two months, and he was killed in the line of duty during an operation in that county on Nov. 14, 1991; and

WHEREAS, Tucker was a one-year veteran of the Clinton Police Department just two weeks shy of his 23rd birthday when he died; and

WHEREAS, Tucker's officer number, 332, has been retired in tribute by the Clinton Police Department; and

WHEREAS, Tucker's family requests that the North Carolina Department of Transportation name a bridge in memory of him; and

WHEREAS, the Clinton City Council unanimously supports naming a bridge in Tucker's honor.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the bridge on US 421 over NC 24 near the beginning of Sunset Avenue in Clinton, NC the ***Officer Donald Ray Tucker Bridge***.

That appropriate signs will be erected at a suitable time.

Adopted this the 6th day of October 2021 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR SENATOR KAY HAGAN HIGHWAY

WHEREAS, Janet Kay Ruthven (Hagan) was born in Shelby, N.C.; and

WHEREAS, Kay married Charles “Chip” T. Hagan on Dec. 27, 1977; and

WHEREAS, Hagan earned a Bachelor of Arts degree from Florida State University and a Juris Doctor degree from the Wake Forest University School of Law; and

WHEREAS, Hagan began her career in the financial industry, working her way up to Vice President of North Carolina’s largest bank (North Carolina National Bank), now part of Bank of America; and

WHEREAS, Hagan was elected to the North Carolina General Assembly, served as a North Carolina State Senator for five terms and became part of the Senate leadership; and

WHEREAS, Hagan served North Carolina as a U.S. Senator for six years. While in Congress, she served on the Armed Services; Banking, Housing, and Urban Affairs; Health, Education, Labor, and Pension; and Small Business and Entrepreneurship committees; and

WHEREAS, on Oct. 28, 2019, local community and national leader, Senator Kay R. Hagan passed away at 66 years of age; and

WHEREAS, out of the utmost respect and admiration for the years of dedicated service by Senator Hagan, the Greensboro City Council unanimously supports the North Carolina Board of Transportation designating a highway in honor of Senator Kay Hagan.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation honorarily designates Interstate 73 from Interstate 40 to Joseph M. Bryan Boulevard in Guilford County the ***Senator Kay Hagan Highway***.

That appropriate signs will be erected at a suitable time.

Adopted this the 6th day of October 2021 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation

RESOLUTION FOR SERGEANT JEFFREY W GREENE BRIDGE

WHEREAS, Jeffrey W. Greene was born July 21, 1960 in Jacksonville, Fla. and graduated from Samuel W. Wolfson High School; and

WHEREAS, Greene served honorably in the U.S. Air Force and in the United States Marines for 10 years; and

WHEREAS, Greene joined the Union County Sheriff's Office in 2004 and rose to the rank of sergeant; and

WHEREAS, Greene was a Sunday school teacher and volunteered with the NC Baptist Men's Association on numerous mission trips; and

WHEREAS, Greene was killed, while on duty, as a Union County deputy sheriff in a traffic accident on Nov. 19, 2014; and

WHEREAS, the Union County Women of Law Enforcement requests that the North Carolina Department of Transportation name a bridge in honor of Greene; and

WHEREAS, the Monroe City Council and Union County Board of Commissioners unanimously support naming a bridge in Greene's honor.

NOW, THEREFORE, BE IT RESOLVED:

That the North Carolina Board of Transportation names the bridge on US 601 that crosses over US 74 in Monroe the *Sergeant Jeffrey W Greene Bridge*.

That appropriate signs will be erected at a suitable time.

Adopted this the 6th day of October 2021 by the North Carolina Board of Transportation.


Chairman


Secretary of Transportation



NORTH CAROLINA
Department of Transportation

P6 Workgroup Update

Jason Schronce – NCDOT Prioritization Office

October 2021

STIP Cost Review

P6.0 Funding Availability – Committed & Non-Committed Projects

Statewide Mobility

Available Funding	Programming Status
\$9.4B	\$3.58B Over

Regional Impact

Region	Available Funding	Programming Status
A (D1 & D4)	\$588.8M	\$599.4M Over
B (D2 & D3)	\$855.1M	\$574.8M Over
C (D5 & D6)	\$1.56B	\$480.6M Over
D (D7 & D9)	\$1.17B	\$629.8M Over
E (D8 & D10)	\$1.46B	\$809.3M Over
F (D11 & D12)	\$784.0M	\$873.6M Over
G (D13 & D14)	\$609.2M	\$1.3B Over

REG Total: \$5.27B

Division Needs

Division	Available Funding	Programming Status
1	\$506M	\$154.0M Over
2	\$506M	\$423.8M Over
3	\$506M	\$282.3M Over
4	\$506M	\$192.6M Over
5	\$506M	\$209.4M Over
6	\$506M	\$614.2M Over
7	\$506M	\$38.2M Over
8	\$506M	\$382.6M Over
9	\$506M	\$96.4M Over
10	\$506M	\$553.8M Over
11	\$506M	\$799.8M Over
12	\$506M	\$310.7M Over
13	\$506M	\$393.1M Over
14	\$506M	\$197.1M Over

DIV Total: \$4.65B

Available funding based on 2024-2033 timeframe

As of September 15, 2021

P6.0 Funding Availability – Committed Projects Only

Statewide Mobility

Available Funding	Programming Status
\$9.4B	\$2.74B Over

Regional Impact

Region	Available Funding	Programming Status
A (D1 & D4)	\$588.8M	\$220.2M Over
B (D2 & D3)	\$855.1M	\$380.3M Over
C (D5 & D6)	\$1.56B	\$321.5M Over
D (D7 & D9)	\$1.17B	\$438.6M Over
E (D8 & D10)	\$1.46B	\$725.7M Over
F (D11 & D12)	\$784.0M	\$425.2M Over
G (D13 & D14)	\$609.2M	\$1.00B Over

REG Total: \$3.51B

Division Needs

Division	Available Funding	Programming Status
1	\$506M	\$93.1M Over
2	\$506M	\$169.8M Over
3	\$506M	\$73.5M Under
4	\$506M	\$173.3M Under
5	\$506M	\$192.1M Over
6	\$506M	\$19.3M Under
7	\$506M	\$53.9M Under
8	\$506M	\$55.8M Over
9	\$506M	\$38.2M Under
10	\$506M	\$55.0M Over
11	\$506M	\$5.2M Under
12	\$506M	\$259.0M Over
13	\$506M	\$272.6M Over
14	\$506M	\$92.3M Over

DIV Total: \$0.83B

Available funding based on 2024-2033 timeframe

As of September 15, 2021

Workgroup Meeting 9/21/2021

Workgroup Discussions

- Overall Goals
 - Develop trustworthy and dependable STIP (fiscally constrained)
 - Have an opportunity to fund new projects in P7 scoring (all 22 categories)
 - Ensure process is grounded in state/federal requirements
- Review of unknowns
 - Inflation impact on budget
 - Federal Infrastructure Bill
 - Ongoing Department project cost evaluations
- USDOT Grant/Discretionary Funding (INFRA, RAISE, CRISI, etc.)
 - Required match obtained from existing STIP projects (non-federal – state or local funding)
- Projects that are Held Harmless

Workgroup Discussions

3 Main Decisions for developing 2024-2033 STIP

1. Overall Method

1. Traditional STIP Development Approach – reduce projects to match budget
2. Split Document approach – Delivery STIP (Construction) and Planning STIP (Preliminary Engineering)

2. Held Harmless Scenario Method

3. Committed Project Evaluation Method

Consensus recommendation reached on Overall Method

- Option 1: Traditional STIP Development Method

OPTION-1: TRADITIONAL STIP DEVELOPMENT METHOD



Process for 2024-2033 STIP Development

Step 1 – Remove all Non-Committed projects from STIP

- These projects become P7 Carryovers

Step 2 – Held Harmless projects remain in STIP

- Committed for delivery

Step 3 – Determine which of the remaining 2020-2029 Committed projects remain in the STIP

- Projects will remain in STIP as budget allows per category
- Previously committed projects that don't remain in the STIP become P7 Carryover projects and lose committed status

Workgroup Discussions – Held Harmless

- Provided data to members on potential Held Harmless project list concepts
 - Intent is to maintain reliable delivery program for industry and public
 - Leaning towards simple approach, easy to communicate and understand
 - Additional data requested and will continue conversation at next meeting
- Scenario 1: Anything let in FY 2026 or before, or has grants awarded (minimum required)
- Scenario 2: Scenario 1 + Anything with ROW underway and let date past FY 2026
- Scenario 3: Scenario 2 + Anything with ROW scheduled in FY 2024
- Scenario 4: Scenario 3 + Anything with ROW scheduled in FY 2025
- Scenario 5: Scenario 4 + Anything with ROW scheduled in FY 2026

Questions



NORTH CAROLINA
Department of Transportation

STIP Update

David Wasserman, PE – STIP Western Region Manager

October 6, 2021

Inflation

Inflation

Inflation = increase in prices for goods and services over time

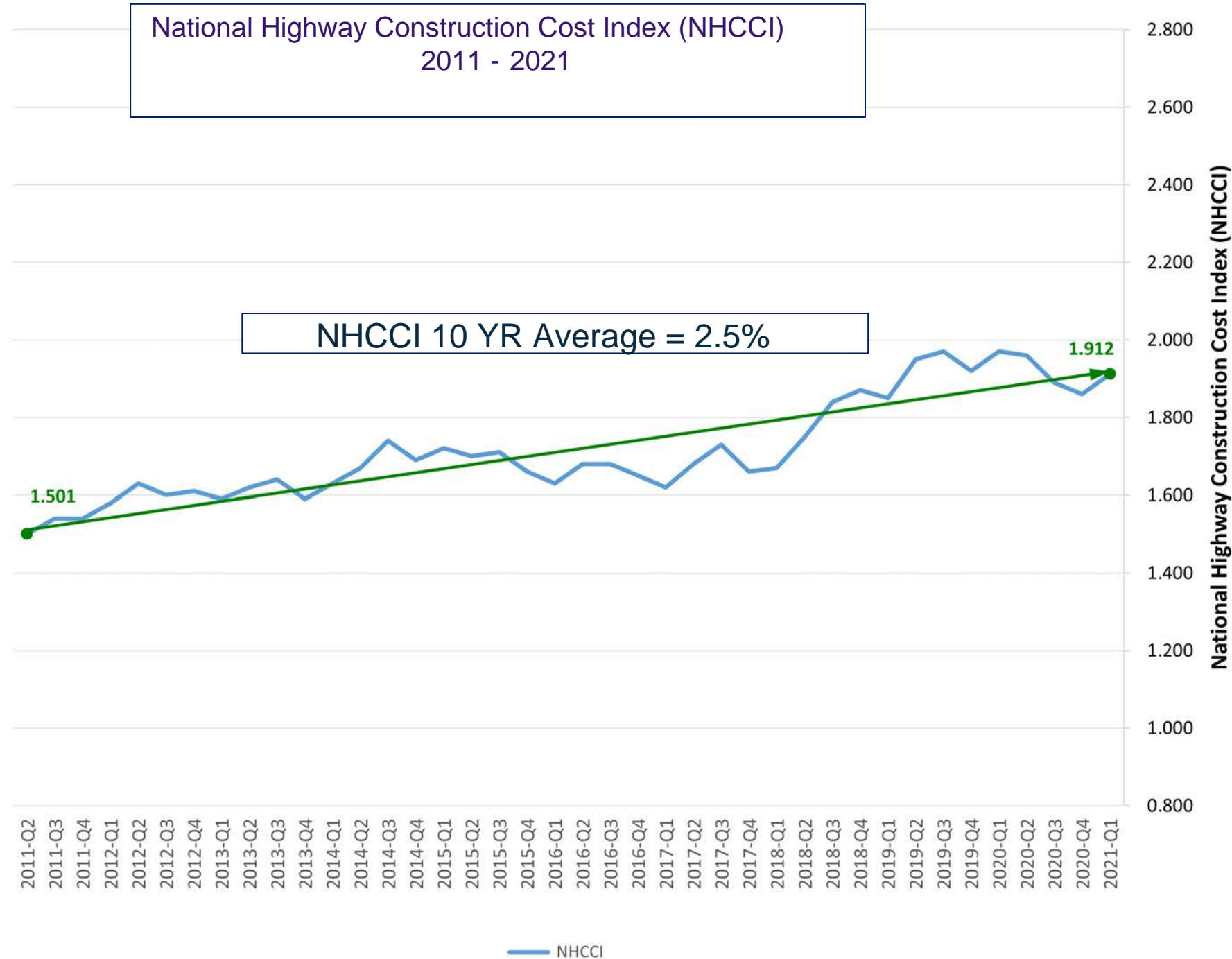
FHWA/FTA requires that the S TIP account for inflation

NCDOT reserves a portion of the available funding to account for inflation

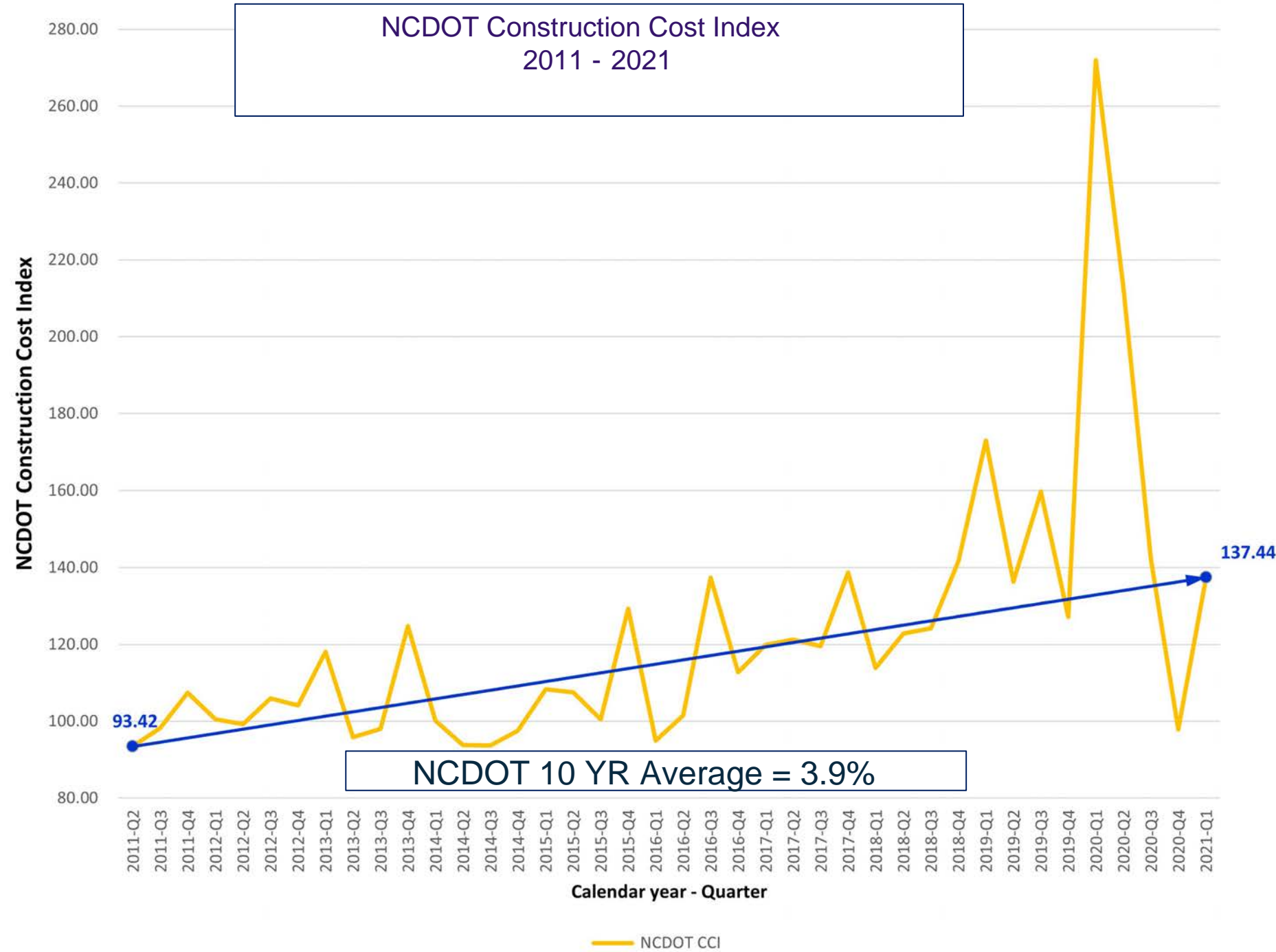
Inflation amount is evaluated as we begin each new S TIP development cycle

Currently, ~\$ 1B is being held in reserve to account for inflation in the S TIP

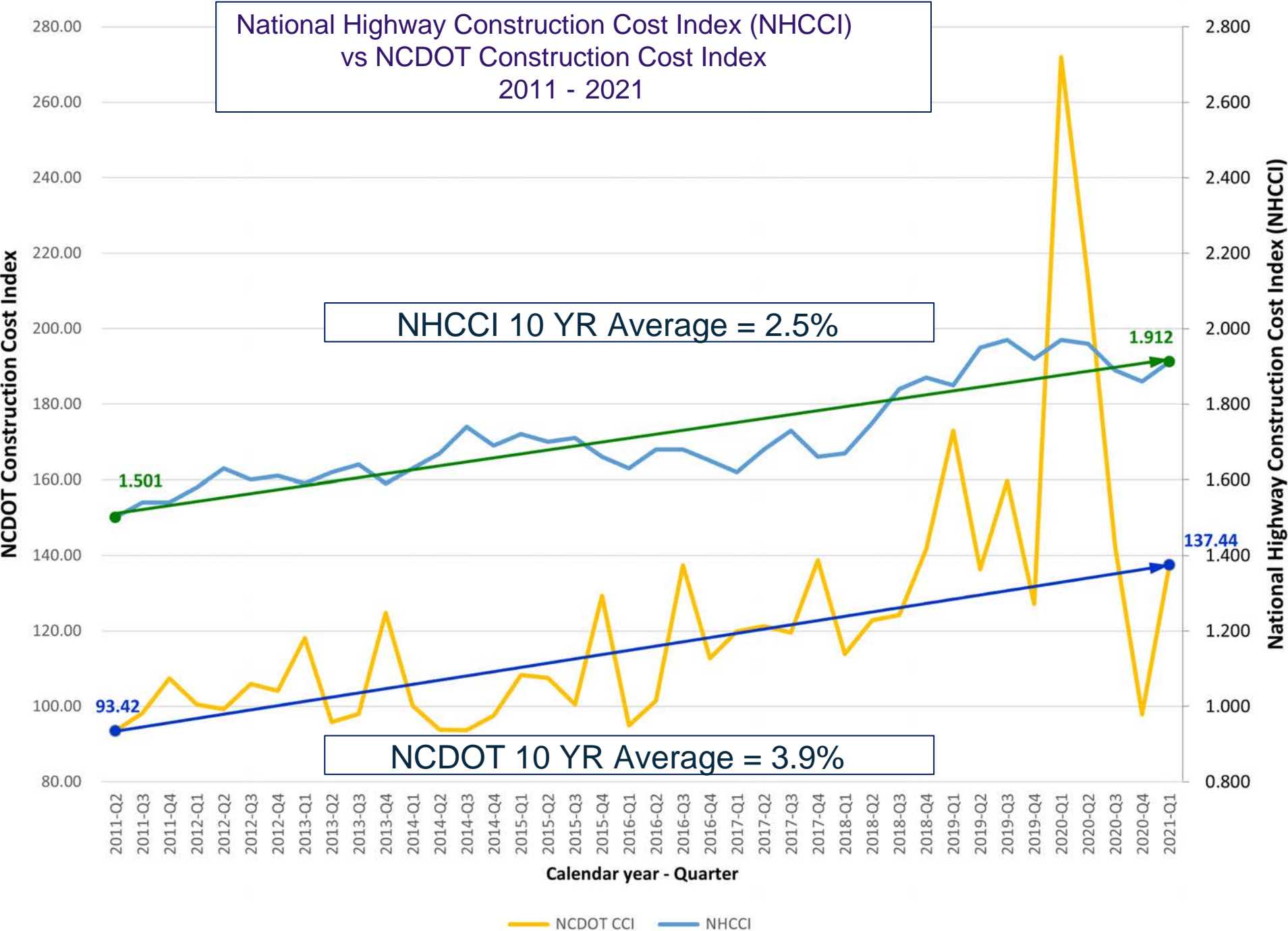
Inflation



Inflation



Inflation



Inflation – Other States

Worked with ITRE and AASHTO to survey how other states account for inflation

12 responses to date

- Approaches varied (no standard)
- Most inflation rates ranged between 2%-4%, compounded annually
- Most S TIPs are 4-5 years

Available STIP Funding by Category:
Inflation at Various % s, Held Constant After Year 5

STI Category	1%*	2%	3%	4%	5%
Statewide Mobility	\$9.45B	\$9.08B	\$8.70B	\$8.31B	\$7.91B
Region A (D1 & D4)	\$579M	\$566M	\$542M	\$518M	\$492M
Region B (D2 & D3)	\$840M	\$822M	\$787M	\$751M	\$715M
Region C (D5 & D6)	\$1.54B	\$1.50B	\$1.44B	\$1.37B	\$1.31B
Region D (D7 & D9)	\$1.15B	\$1.13B	\$1.08B	\$1.03B	\$980M
Region E (D8 & D10)	\$1.44B	\$1.41B	\$1.35B	\$1.29B	\$1.22B
Region F (D11 & D12)	\$770M	\$753M	\$722M	\$689M	\$655M
Region G (D13 & D14)	\$599M	\$585M	\$561M	\$535M	\$509M
Divisions 1-14	\$506M	\$486M	\$466M	\$445M	\$424M

Available funding based on 2024 -2033 timeframe

*Current inflation value

Available STIP Funding by Category:
Inflation at Various % s, Compounded Full 10 Years

STI Category	1%*	2%	3%	4%	5%
Statewide Mobility	\$9.28B	\$8.73B	\$8.15B	\$7.53B	\$6.87B
Region A (D1 & D4)	\$579M	\$544M	\$507M	\$468M	\$427M
Region B (D2 & D3)	\$840M	\$790M	\$737M	\$680M	\$620M
Region C (D5 & D6)	\$1.54B	\$1.44B	\$1.35B	\$1.24B	\$1.13B
Region D (D7 & D9)	\$1.15B	\$1.08B	\$1.01B	\$932M	\$850M
Region E (D8 & D10)	\$1.44B	\$1.35B	\$1.26B	\$1.16B	\$1.06B
Region F (D11 & D12)	\$770M	\$724M	\$675M	\$624M	\$569M
Region G (D13 & D14)	\$599M	\$563M	\$525M	\$485M	\$442M
Divisions 1-14	\$497M	\$468M	\$436M	\$403M	\$368M

Available funding based on 2024 -2033 timeframe

*Current inflation value

Inflation Options - Total Reduction to S TIP

Total Reduction to 10 Year STIP (with remaining available funding)		
Inflation	Constant After Year 5	Compounded Full 10 Years
1%	\$889M (\$23.6B remaining)	\$1.30B (\$23.2B remaining)
2%	\$1.81 (\$22.7B remaining)	\$2.68B (\$21.8B remaining)
2.5%	\$2.28B (\$22.3B remaining)	
3%	\$2.75B (\$21.7B remaining)	\$4.14B (\$20.3B remaining)
4%	\$3.73B (\$20.7B remaining)	\$5.69B (\$18.8B remaining)
5%	\$4.74B (\$19.7B remaining)	\$7.33B (\$17.1B remaining)

Staff recommendation is 2.5%, held constant after Year 5

Discussion



FINANCE COMMITTEE MEETING MINUTES

DATE: Sept. 1, 2021 TIME: 10:30 AM LOCATION: NCDOT Transportation Board Room

MEETING CALLED BY	Chair Tony Lathrop
BOARD ATTENDEES	Chair Tony Lathrop, Vice Chair Chuck McGrady, Lisa Mathis, Billy Clarke, Allen Moran, Andy Wells, Landon Zimmer, Stephen Rosenburgh, Brad Lail

AGENDA TOPICS

1. Call to Order, Declaration of Quorum, Non-Conflict Statement and Approval of the August 4, 2021, Meeting Minutes – Chair Tony Lathrop	
DISCUSSION SUMMARY	<p>Chair Lathrop stated the meeting was being conducted remotely using Microsoft Teams and would 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 hybrid 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, Chair Lathrop reminded 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 hybrid meeting were 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>Chair Lathrop read the non-conflict/ethics statement and asked if there were any known conflicts or appearances of conflicts of interest.</p> <p>Chair 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 August 4, 2021, meeting be approved as submitted.</p>
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to approve the August 4, 2021, meeting minutes. Board member Mathis made the motion to approve the minutes and Board member Moran provided the second.</p> <p>Chair Lathrop asked for a voice vote, and the August 4, 2021, minutes were approved unanimously.</p>
2. Financial and Spend Plan Update – Stephanie King, CFO Michelle Overby, Spend Plan & Revenue Forecasting Manager	
DISCUSSION SUMMARY	<p>Mrs. King introduced new reporting slides and noted the Financial Update format has changed to include the Executive Summary. As part of the Fast Five, Mrs.</p>



FINANCE COMMITTEE MEETING MINUTES

King reported on Tropical Storm Fred and the early Engineer Estimates were over \$25 million. FEMA and FHWA participation have been requested on these sites. Mrs. King noted that the amount for August Redistribution of Federal Funds would be \$102.7 million, which will be billed to FHWA by September 30th. Mrs. King reported on The Infrastructure Bill and Appropriation Bill. She stated the bill is a five-year bill that is proposed. She said there will still be a continuing resolution to fill the gap as October 1st is rapidly approaching. She noted that there was guidance given on a potential cash short fall from FHWA of the Federal Trust Fund. Mrs. King said they were going to be very deliberate as the cash inflows from the IRS come in twice a month. Mrs. King noted that this year's cash flow is in a much better condition than last year. She said the cash flow balance is holding steady at \$2 Billion. Mrs. King reported that the GARVEE bond sale was projected to close September 16th with a face amount of \$306 million and an interest rate of 1.526%. Mrs. King reported on Revenues and Expenses. She noted the revenue for the first month of Fiscal Year 2022 were trending to plan, with some weakness in fuel tax revenue offset by licensing fees and strong motor vehicle sales. Over the past six months, total revenues have closely tracked total budget, with few COVID related impacts. However, there may be negative impacts on revenues as a result of the Delta variant, though no adjustment of projections is currently contemplated, and the situation will continue to be assessed. For expenses, Mrs. King noted that the pause of construction in fiscal years 2020 and 2021 caused NCDOT's industry partners challenges to meet demand of increased project lets. In addition, labor and material shortages as a result of COVID have amplified those challenges. Management is currently engaging with industry partners to understand their operational constraints which have hampered expenditures over the past several months. Additional analysis is being performed to understand the drivers of the underspends, and if the Spend Plan will need to be adjusted. Mrs. King reported on the Financial Highlights that show that the Department was in a much better situation this year. The cash balance last month was \$2,016 million, Monthly Expenditures were \$557 million, Cash on Hand was \$110.4 million, Open Commitments were \$6,375 million and Total Project Lettings were \$3,371 million. Mrs. King reported on Expenses and Operational Data - from May 2020 through July 2021 the Department expenditures have been below its Spend Plan targets. Approximately 18 months ago, the Department slowed the amount of contracts being let, which led NCDOT's industry partners to reduce staffing to match operations to a lower level of project activity. The Department is in the process of determining how these shortages will impact the Spend Plan going forward and the current modeling, relative to planned speed, does not consider reduced labor levels and materials shortages. Mrs. King noted the Continuation budget Strategic Transportation Initiative over-realized receipts cannot be utilized as they are currently under discussion for appropriation. Historically, these amounts were not subject to appropriation and could be used after approval by DOT and OSBM. It will have an impact as the amounts are subject to appropriation and \$300 million of these funds cannot be programmed, which will further negatively impact construction schedules and potentially increase the current cash balance. Mrs. King reported on Modal and the Fiscal Year 2021 Certified Budget did not provide funding for the Integrated Mobility



FINANCE COMMITTEE MEETING MINUTES

	<p>Division ROAP (\$18.6 million), SMAP (\$32.5 million) and Lynx Blue extension (\$25.0 million) programs. Under the fiscal year 2022 continuation budget these programs cannot be funded. She reported for Division of Highway the Fiscal year 2021 Certified Budget did not provide full funding for the Mobility Modernization (\$39.9 million) and Secondary Construction (\$8.5 million) programs. Under the fiscal year 2022 continuation budget these programs cannot be funded.</p> <p>Mrs. Overby reported on the Spend Plan Expenditures, the 24 Month Cash Forecast- SFY 22 / SFY 23 Spend Plan, SFY 22 Approved Spend Plan Versus Adjusted Spend Plan and Approved Spend Plan Versus Actuals July 2021.</p>
ACTIONS TAKEN	NONE TAKEN
3. Adjournment	
ACTIONS TAKEN	<p>Chair Lathrop asked for a motion to adjourn the September 1, 2021, meeting.</p> <p>Board member Rosenburgh made the motion to adjourn the meeting and Board member Zimmer provided the second.</p> <p>Chair Lathrop asked for a vote and the vote to adjourn was unanimous.</p>



FINANCE COMMITTEE MEETING AGENDA

BOARD OF TRANSPORTATION OCTOBER 6, 2021

TIME: 10:30 AM

LOCATION: MICROSOFT TEAMS

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

Members of the public may access the meeting via the following link:

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

TOPIC	PRESENTER	TIME
Welcome & Call to Order Roll Call & Declaration of Quorum Approval of September 1, 2021, Meeting Minutes	Tony Lathrop, Chair	10:30 AM
Financial Update	Stephanie King, CFO	10:40 AM
Office of the State Auditor NCDOT Cash Spending Plan Performance Audit Report	Beth Wood, NC State Auditor	11:00 AM
Federal Revenue Update	Burt Tasaico, PE Director of Strategic Initiatives	11:10 AM
Powell Bill	Majed Al-Ghandour, PE Planning & Programming Assistant Director	11:25 AM
Questions & Discussion	Tony Lathrop, Chair	11:35 AM
Adjourn	Tony Lathrop, Chair	11:45 AM



NORTH CAROLINA

Department of Transportation



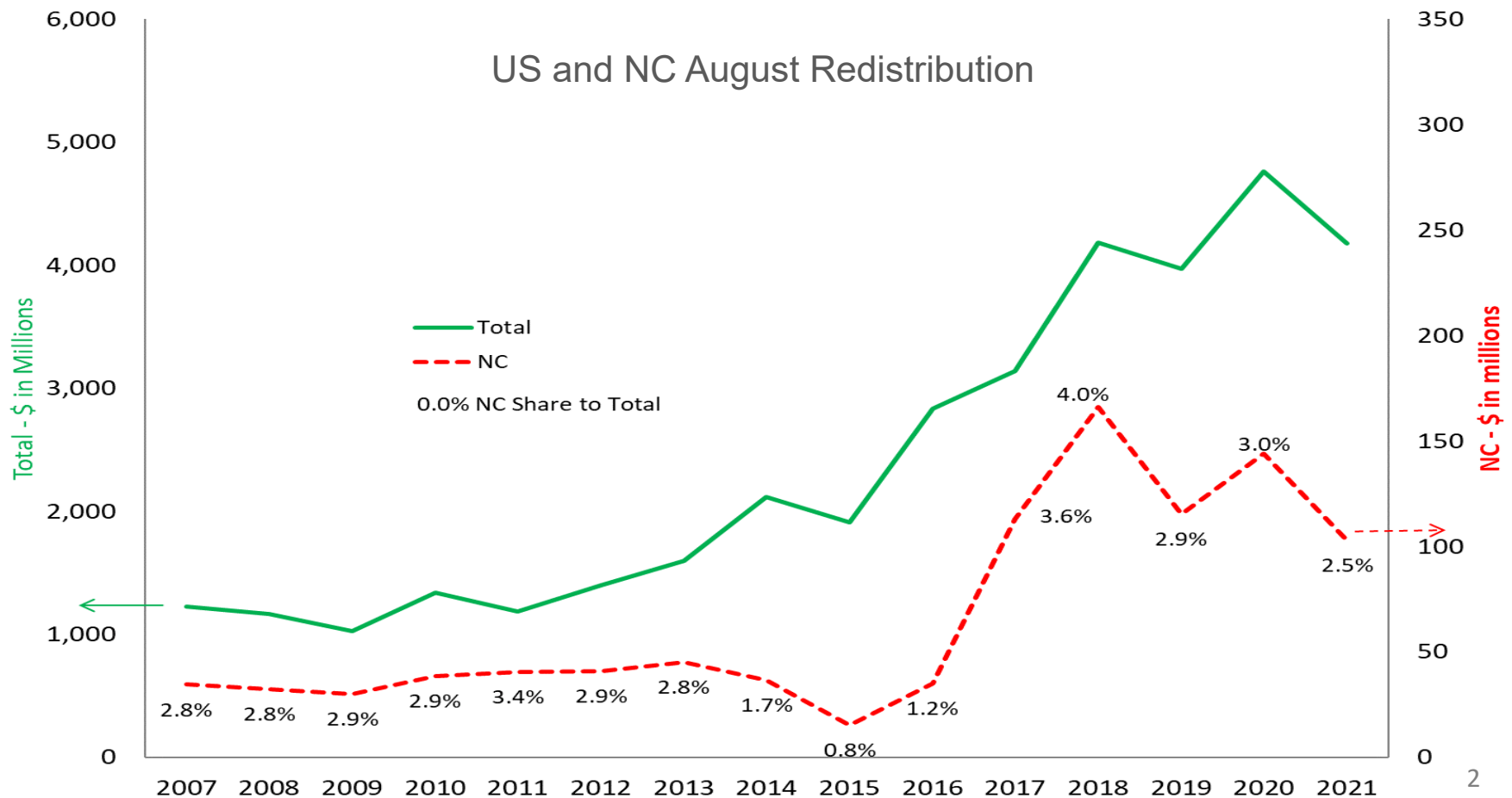
Federal Funding Update

H. Tasaico, PE

October 6, 2021

August Redistribution - Purpose

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



FFY 2021 - Obligation Authority Comparison

Obligation Authority (OA)			August Redistribution (AR)			OA + AR		
State	Rank	Share	State	Rank	Share	State	Rank	Share
Texas	1	10.01%	Texas	1	12.33%	Texas	1	10.25%
California	2	9.25%	California	2	9.62%	California	2	9.29%
Florida	3	4.86%	New York	3	5.11%	Florida	3	4.86%
New York	4	4.31%	Florida	4	4.89%	New York	4	4.39%
Pennsylvania	5	4.21%	Pennsylvania	5	4.78%	Pennsylvania	5	4.27%
Illinois	6	3.46%	Ohio	6	3.91%	Ohio	6	3.42%
Ohio	7	3.37%	Michigan	7	3.00%	Illinois	7	3.35%
Georgia	8	3.31%	Missouri	8	2.90%	Georgia	8	3.25%
Michigan	9	2.70%	Georgia	9	2.63%	Michigan	9	2.73%
North Carolina	10	2.66%	North Carolina	10	2.46%	North Carolina	10	2.64%

Federal Funding - 2021

HR133 - 2021 Consolidated Appropriations Act

PL 116-260

FHWA Notice 1/15/2021

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

Highway Infrastructure Program (HIP)

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

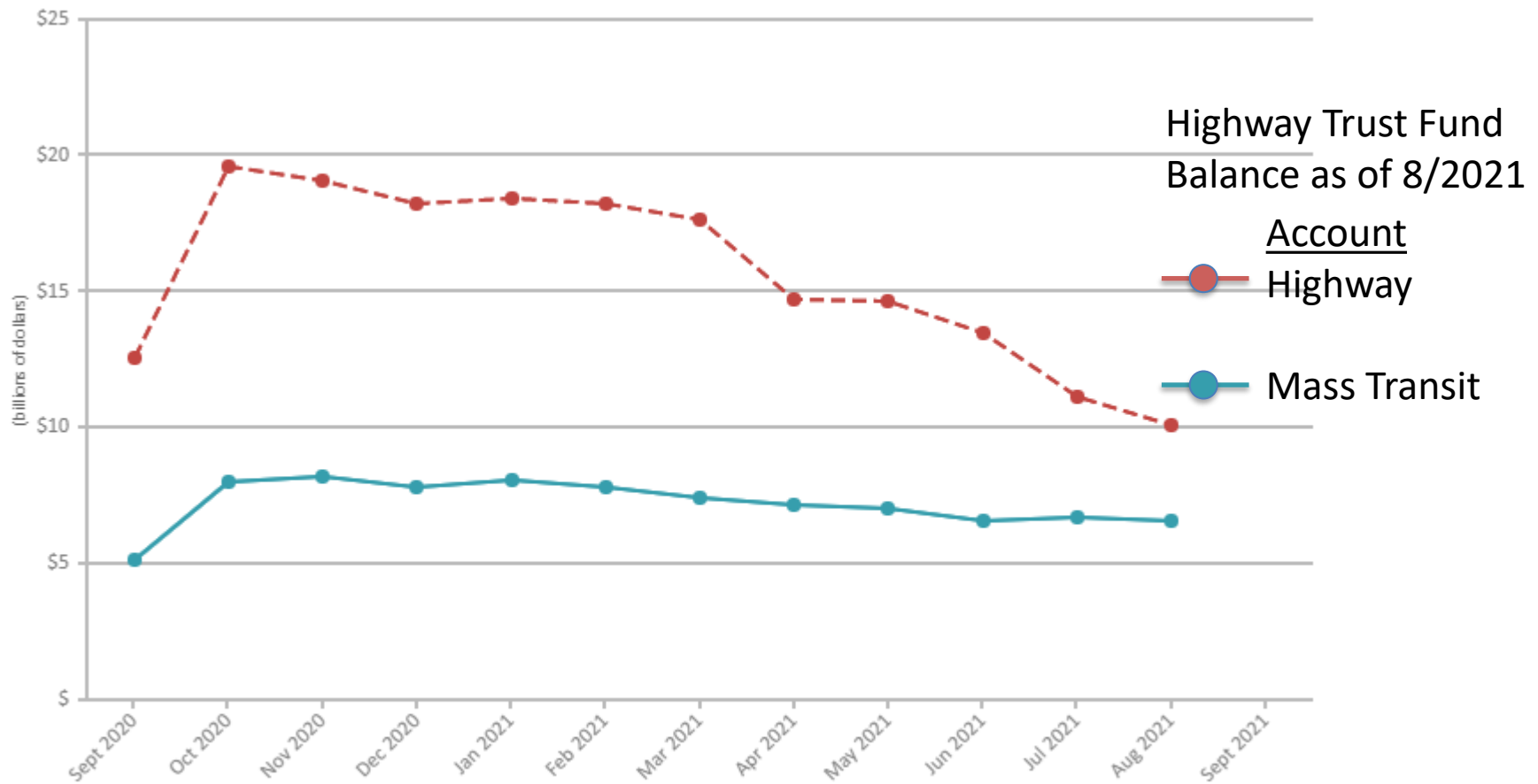
Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) - NC TMA's (\$29.4M)

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

Redistribution of Fiscal Year 2021 August Redistribution

Obligation Authority	Total	NC
FFY 2021 (max)	8.3B	
N4520.271	4.2B	102.7M

Federal Trust Fund Status



Balance Thresholds

Highway \$4B

Transit \$1B

Actions FHWA may take

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

<https://www.fhwa.dot.gov/highwaytrustfund/>

Cash Management Status

FHWA notification of possible HTF Cash Shortfall (8/26/2021)

- Why – revenues outpaced spending and reliance of Treasury's General Fund transfers (\$154 billion since 2008)

Absent Congressional action HFT Cash Shortfall anticipated

- Timing – Coming months (exact date unknown)
- Why – Several large downward adjustments (\$4 billion last few months)

Updated Cash Management

- Quarterly infusion of \$2.1B for period ending March/2021
- Advance notification of when balance below \$1 billion
- Notification at least 1 month prior to implementation

Legislative Update (9/29/2021)

Watching the following outcomes:

- Infrastructure Investment and Jobs Act (\$1T)
 - Surface Reauthorization and Infrastructure
- Reconciliation Bill (\$3.5T)
- Continuing Resolution
 - Highway Trust Fund General Fund Transfer
- Debt Ceiling
 - Mid to late October deadline



NORTH CAROLINA

Department of Transportation



Financial and Spend Plan Update

As of August 2021

Stephanie King, Chief Financial Officer

October 6, 2021

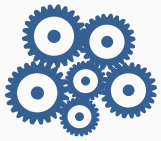
Executive Summary

The Fast Five



Powell Bill

- 509 payments totaling \$71.6M were made to qualifying municipalities
- FY'22 Powell Bill Total Proposed House Budget \$159.2M, Senate Budget \$151.8M
- Remaining differential between Final Budget and \$71.6M to be paid by January 1



Resolution of Continuation Budget

- OSBM has allowed funding of IMD ROAP (\$18.6M), SMAP (\$32.2M) and Blue Line (\$25M). DOT can also fund Mobility Modernization (\$39.9M) and Secondary Construction (\$8.5M)
- No resolution on Trust Fund STI (+\$300M)



Spend Plan Amendment

- Planning the need for Spend Plan Amendment to incorporate: (i) Updated expense trends, (ii) State Certified Budget, (iii) Build NC and GARVEE Issuances and (iv) Federal Legislative Impacts
- Labor shortages and material supply issues continue to impact spend



Federal Update

- Significant uncertainty on various pending federal legislation that could impact NCDOT's federal billings until resolved; Extension of Surface Transportation through 10/31/21
- May require NCDOT to depend on in-house Cash Management action and Cash Balances until full spending bill is passed

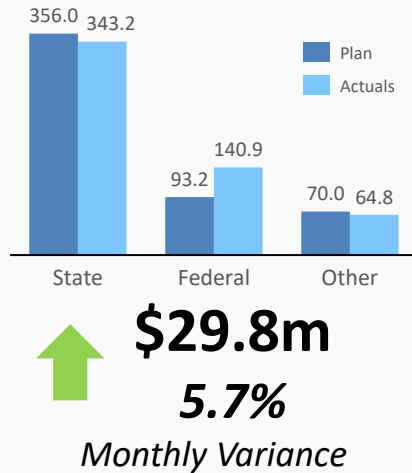


Audit

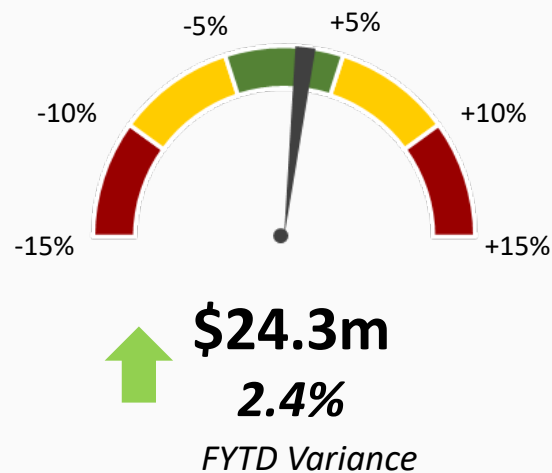
- Spend Plan Performance Audit was published on September 14th, corrective actions are underway
- Current Audits: (i) Statewide Financial Audit (December 2021) and (ii) Single Audit and DOT Financial Statement Audit (March 2021)

Revenues

August 2021 Spend Plan



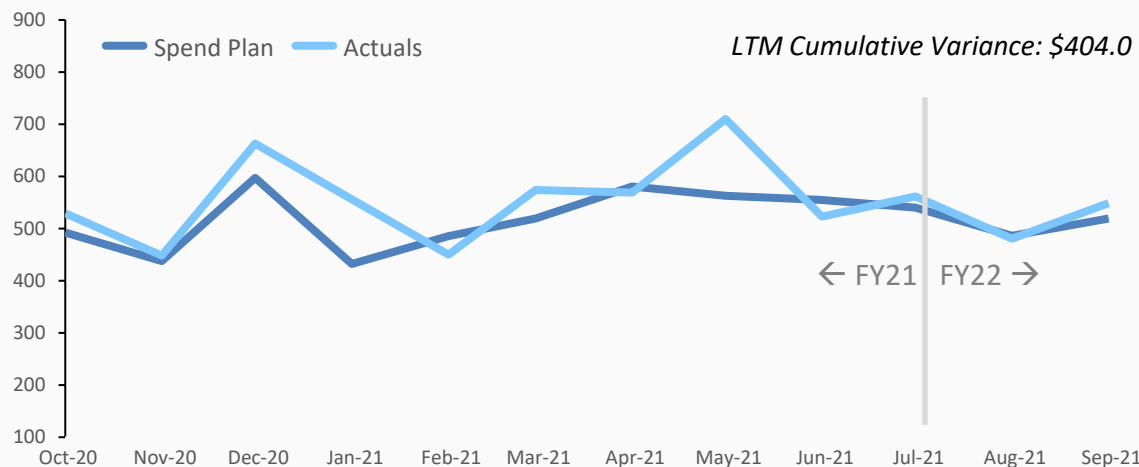
Spend Plan FYTD Performance



Revenue Commentary

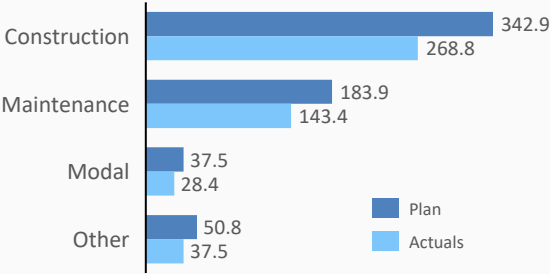
- Total Revenues continue to trend in line with Spend Plan projections
- Federal revenues were higher than plan in August due to the timing of GARVEE debt service reimbursement
- Continuing to monitor for potential forecast changes due to COVID impacts – no amendment currently required
- Overall state revenues were \$9M (2.6%) less in August and \$8M (1.1%) less SFY to date
- Fuel consumption and therefore motor fuel tax revenues were \$4M (2.2%) less in August
- Truck and vehicle registrations along with driver licenses revenues were down a total of \$3M (5%)
- Highway Use Tax was on target for the month and SFY to date continues at \$10M (6.6%) above target

Last 12 months (\$m)



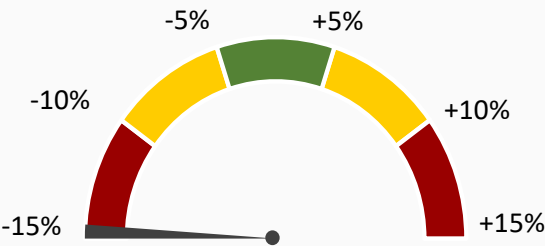
Expenses

August 2021 Spend Plan



↓ **(\$136.9m)**
-22.3%
Monthly Variance

Spend Plan FYTD Performance

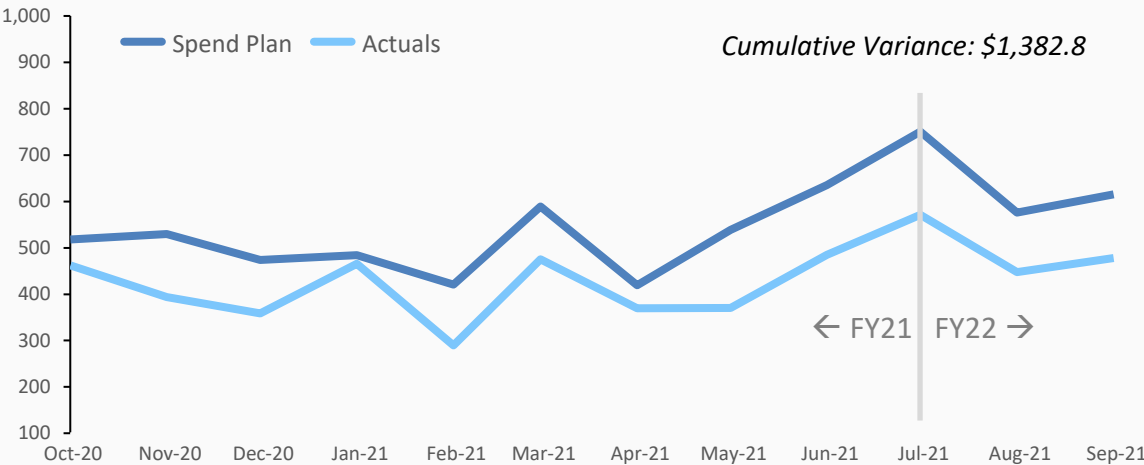


↓ **(\$264.8m)**
-22.2%
FYTD Variance

Expense Commentary

- Spending on Right of Way and Preliminary Engineering are in line with Spend Plan
- Macro-economic factors, including volatile commodity prices, supply chain impacts, material shortages, and labor availability are impacting partners' ability to spend as projected
- Current underspend to Plan is primarily driven by TIP, Bridge Program, Contract Resurfacing, and Pavement Preservation
- As a result, management is contemplating an amendment to the Spend Plan with a 15%-25% reduction in spend targets in these areas

Last 12 months (\$m)



Financial Highlights

Cash

Cash Balance

\$2,039m

Last Month: \$2,016

FY22 FCST Avg. Monthly Expenditures

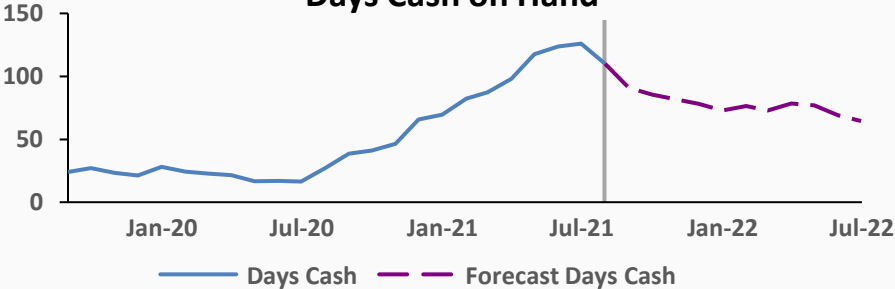
\$557m

Days Cash On Hand

111.3

Last Month: 110.4

Days Cash on Hand

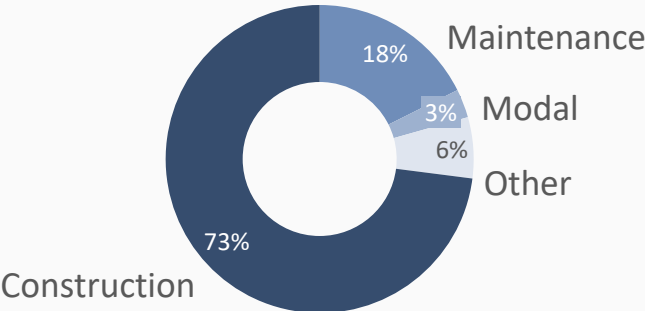


Commitments

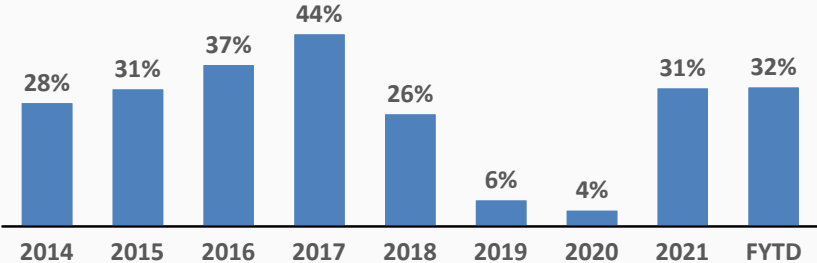
Open Commitments

\$6,353m

Last Month: \$6,375m



Cash as a % of Open Commitments

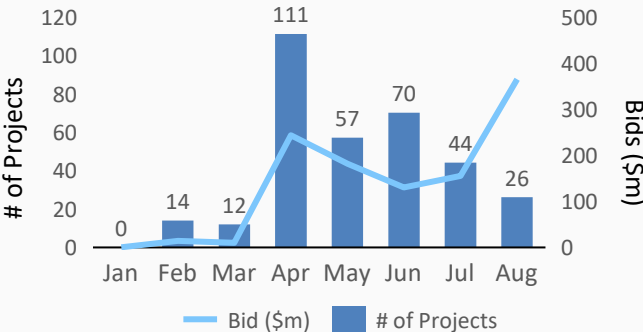


Project Activity

New Active Projects
August

26 Projects

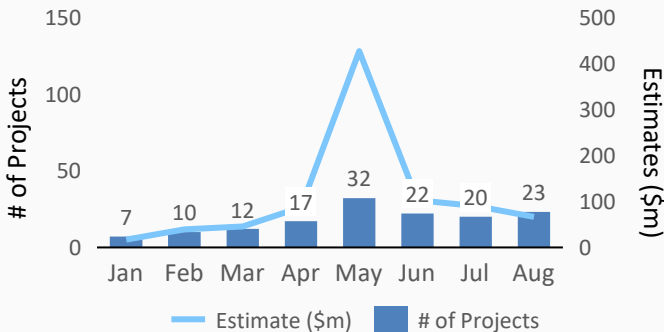
\$364.1m
(Bid Amounts)



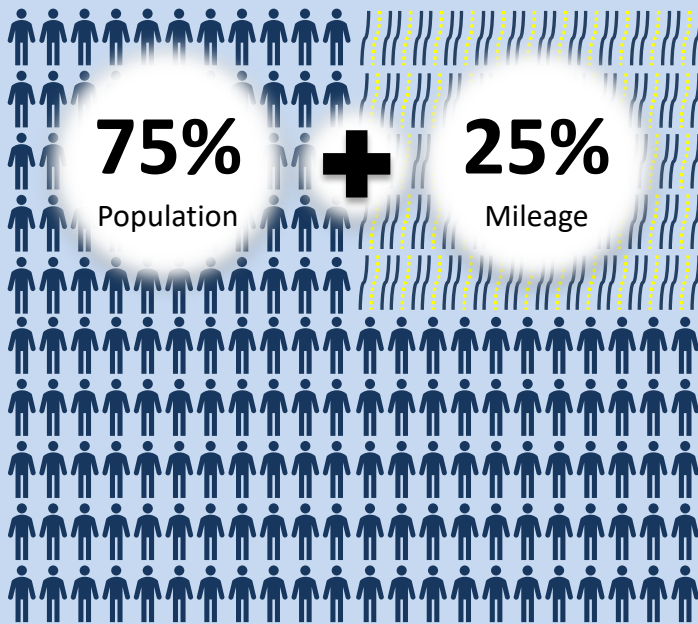
Accepted Projects
August

23 Projects

\$65.9m
(Estimate to Date)



Powell Bill

\$71,596,812**Total Powell Bill funds disbursed for October 2021****Certified Mileage****\$17,899,203.04** (25% x \$71,596,812.17)**\$760.33** Per Mile Rate**23,541** Miles**Population****\$53,697,609.13** (75% x \$71,596,812.17)**\$9.60** Per Capita Rate**5,593,500** Population


Remainder of Powell Bill Funds will be disbursed in advance of January 1, 2022. The amount is dependent on the final state budget but is estimated to be **\$80+** million based on current draft legislation


Additional Updates




Spend Plan Monitoring

NCDOT has focused on continual improvement in its Spend Plan forecasting processes and procedures, including increased engagement with SAS Forecasting and additional retention of 3rd party advisors

 As a result of this ongoing monitoring, NCDOT is evaluating a Spend Plan amendment to adjust for lower rates of spend due to labor, material and other supply issues impacting project delivery

 Current targets will be reduced for Contract Resurfacing, Pavement Preservation, Bridge Program, Bridge Preservation Program, and some modal areas

 Preliminary Engineering, Right of Way and Integrated Mobility are targeting closer to projections

GARVEE Sale

GARVEE Sale completed with a face amount of \$306M at an interest rate of 1.53%



Continuation Budget and Spend Plan

Spend Plan Amendment Contingencies

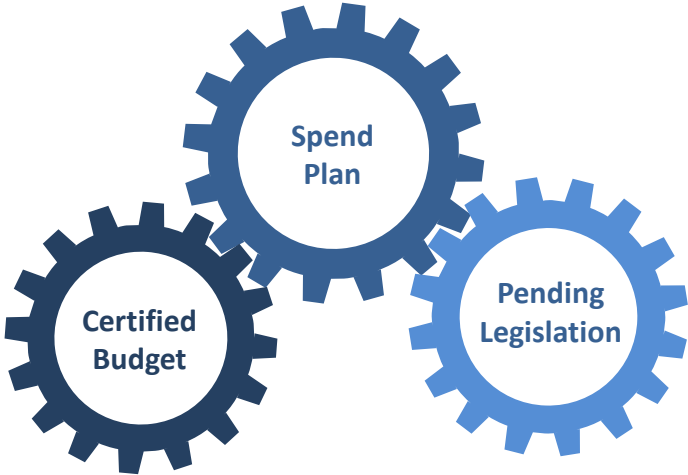
- ⚙️ The Spend Plan will be amended in tandem with the passage of a new Certified Budget
- ⚙️ However, if a new budget is not certified in the near term, the Spend Plan will be amended separately to reflect revised expectations for decreased spending in certain expense categories

Spend Plan - Items to be adjusted in near term (\$263M spend reduction)
(Via Certified Budget, or Spend Plan Amendment if Budget certification is still pending)

Spend Plan Item	Adjustment Amount	Adjustment %
Contract Resurfacing	↓ \$107M	↓ 16.9%
Pavement Preservation	↓ \$35M	↓ 29.7%
Bridge Program	↓ \$60M	↓ 18.2%
Bridge Preservation Program	↓ \$11M	↓ 13.1%
Aviation	↓ \$37M	↓ 20.3%
Rail	↓ \$13M	↓ 10.9%

STI Funds are available to continue ordinary course spending through the end of November

- ⚙️ The Continuation Budget limits NCDOT’s planned STI (construction) spending by approximately \$300M
- ⚙️ As of last week, NCDOT had \$247m of unallotted STI funds remaining until a final Budget is certified



Detailed Report

Financial Analysis

- **HF Cash** – Cash balance increased from \$366.1 million in August 2020 to \$1,080.1 million in August 2021. An increase of \$714.0 million or 195.0%. This increase in cash was primarily due to decreased expenditures over the past year due to the cash shortage in early FY 2021.
- **HF Revenues** – Revenues increased from \$206.5 million in August 2020 to \$207.1 million in August 2021. An increase of \$0.6 million or 0.3%. This increase was mostly due to a \$1.6 million decrease in motor fuel tax revenues and a \$2.5 million increase in license & fee revenues in August 2021 compared to August 2020.
- **HF** August 2021 YTD revenues were less than August 2020 YTD revenues by \$62.2 million, and August 2021 YTD expenses were greater than August YTD 2020 expenses by \$47.7 million.
- **HTF Cash** – Cash balance increased from \$250.5 million in August 2020 to \$958.4 million in August 2021. An increase of \$708.0 million or 282.7%. This increase in cash was primarily due to decreased expenditures during FY 2021 as a result of the cash shortage in early FY 2021.
- **HTF Revenues** – Revenues increased from \$124.7 million in August 2020 to \$136.1 million in August 2021. An increase of \$11.4 million or 9.1%. This increase was mostly due to a \$3.1 million increase in motor fuel tax revenue, a \$7.6 million increase in highway use tax revenue, and a \$0.8 million increase in fees revenue in August 2021 compared to August 2020.
- **HTF** August 2021 YTD revenues were greater than August 2020 YTD revenues by \$7.0 million, and August 2021 YTD expenses were greater than August YTD 2020 expenses by \$17.7 million.

Key monthly action:

- On August 25, DOT entered into a Bond Purchase Agreement for the issuance of \$252.6 million in State of North Carolina Series 2021 Grant Anticipation Revenue Vehicle (GARVEE) Bonds with a closing date of September 16, 2021.

Financial Update

SFYTD 2022 as compared SFYTD 2021 (\$ in millions)

	Month over Month		Year to Date		
	August 2021	August 2020	YTD 2022	YTD 2021	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 549	\$ 521	\$ 1,030	\$ 1,156	\$ (127)
Expenditures	478	430	926	842	83
Net Change	\$ 71	\$ 90	\$ 104	\$ 314	\$ (210)
			August 2021	August 2020	
Cash Balances:					
Highway Trust Fund			\$ 958	\$ 250	
Highway Fund*			1,080	366	
Totals			\$ 2,039	\$ 617	

*Excludes bond proceeds held by Trustee

Spend Plan Analysis - Revenue

Total Revenues, \$1,030 million, were 2% above the spend plan forecast, or \$5 million, but were 11%, or \$126.5 million, less than revenues for SFY 2021. This yearly difference in revenues is due to DOT receiving approximately \$80M (split between HF and HTF) in 'catch up' revenues from DOR for amounts not collected in the late spring due to COVID in July of 2020, which caused July 2020 revenues to be inflated.

- State Revenue, \$685 million, was 1.7%, or \$11.8 million, below forecasted revenue.
- Federal Revenue, \$207 million, was 35%, or \$54 million, above the forecasted amount. The Department received \$21.9 million of FHWA Reimbursement for the GARVEE debt service interest payment.
- Other Revenue, \$28.6 million, was 11%, or \$3 million, less than the forecasted amount. Major line items in this category are Federal Transit funding (\$6.8 million), Federal Transit CARES Act funding (\$8.2 million), Federal Aviation funding (\$1.3 million), Non-System Street Reimbursement (\$6.0 million), Damage Claims (\$1.5 million), GHSP (\$2.1 million), Local Participation (\$1.7 million), and LOGO Fees (\$580k).
- GARVEE Reimbursement, \$24 million, was 31%, or \$11 million, below the forecasted revenue.
- Build NC Reimbursement, \$81 million, was 11%, or \$8 million, above the forecasted revenue. The Department has received \$532 million of 2020 Build NC reimbursements from the trustee through August.

Actual Expenditures Compared to Spend Plan

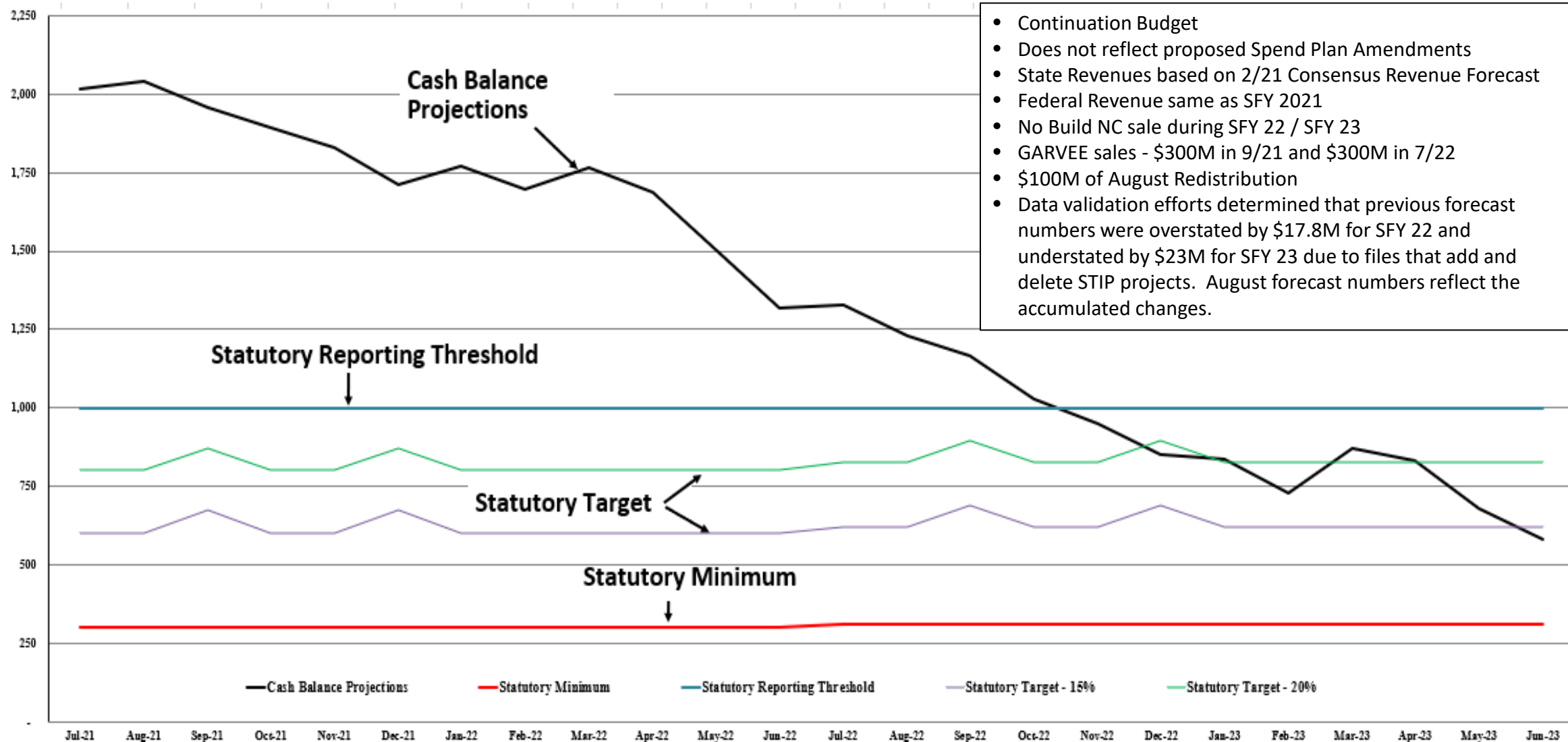
	DESCRIPTION	SPEND PLAN July 1, 2021	Expenditures as of 8/31/21	% of SFY 2022 Spend Plan
CONSTRUCTION	Garvee Expenditures	745.19	39.18	5%
	Garvee Debt Service	159.83	21.90	14%
	Division of Mitigation Services (Formerly EEP)	49.00	(12.53)	-26%
	BUILDNC Expenditures	380.94	77.99	20%
	BUILDNC Debt Service	93.04	-	0%
	Strategic Transportation Initiative	943.49	178.64	19%
	NC Mobility Fund	-	0.00	
	TIP	1,176.27	152.73	13%
	TIP - Infragrant	101.02	17.13	17%
	Turnpike Authority	1.50	1.23	82%
	Internal Orders	12.00	(3.96)	-33%
	CMAQ	55.00	6.87	12%
	Total Construction	3,717.28	479.17	13%
MAINTENANCE & OPERATION	Other Construction - Secondary Roads	12.00	1.82	15%
	Other Construction - Spot Safety Improvements	15.00	2.02	13%
	Other Construction - Contingency	12.00	0.73	6%
	Other Construction - Mobility/Modernization	41.40	5.33	13%
	General Maintenance Reserve	310.30	64.13	21%
	Contract Resurfacing	631.20	114.02	18%
	Roadside Environmental	96.30	14.93	16%
	Pavement Preservation	117.90	15.51	13%
	Bridge Program	330.20	23.27	7%
	Bridge Preservation	83.60	9.09	11%
	Undeclared Disaster Funding Including Snow and Ice	93.70	2.24	2%
	Disaster Funding - FEMA	66.90	8.37	13%
	Total Maintenance	1,810.50	261.46	14%
MODES	Public Transportation	114.50	34.83	30%
	Public Transportation - New Starts	26.00	-	0%
	Ferry Operations	53.60	8.33	16%
	Railroad program	119.30	4.83	4%
	Airports	181.80	5.14	3%
	Total Other Modes	495.20	53.13	11%
ADMIN & OTHER	Administration	331.20	42.38	13%
	Transfers to Other State Agencies	57.85	13.40	23%
	Transfers to General Fund/NCTA - GAP Funds	110.00	73.25	67%
	State aid to municipalities	147.50	-	0%
	Debt Service	-	-	
	Other Programs	17.57	3.11	18%
	Total Other	664.11	132.14	20%
	TOTAL	6,687.10	925.90	14%

Spend Plan Analysis - Expenditures

Total Expenditures (\$925.9 million) were 22%, or \$264.8 million, below the spend plan forecast and 10%, or \$83.4 million, below the previous year totals.

- Total Construction Expenditures (\$479 million) were 25%, or \$158.6 million, below spend plan forecast. SFY 2022 expenditures were 9%, or \$48.9 million, less than SFY 2021 construction expenditures.
- Maintenance Expenditures for SFY 2022 (\$261.5 million) were 25% below the spend plan forecast, or \$86 million. SFY 2022 expenditures were 38%, or \$72.6 million, more than SFY 2021 maintenance expenditures.
- Total Modal Expenditures (\$53 million) were 32.5%, or \$25.6 million, below the spend plan forecast, and were 20%, or \$12.9 million, less than the previous SFY.
- Other Expenditures - \$12.25 million was transferred from the Trust Fund to the Turnpike Authority.

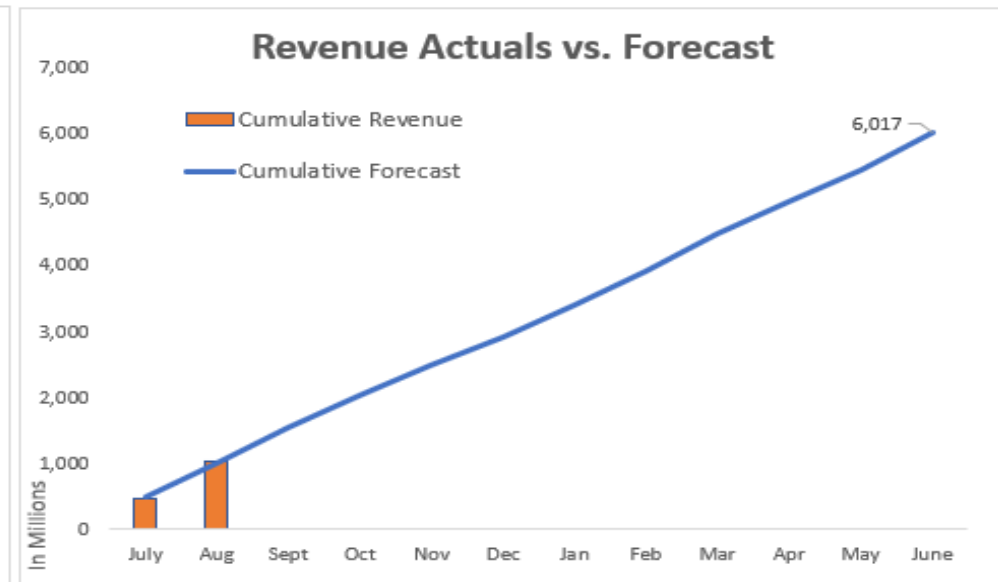
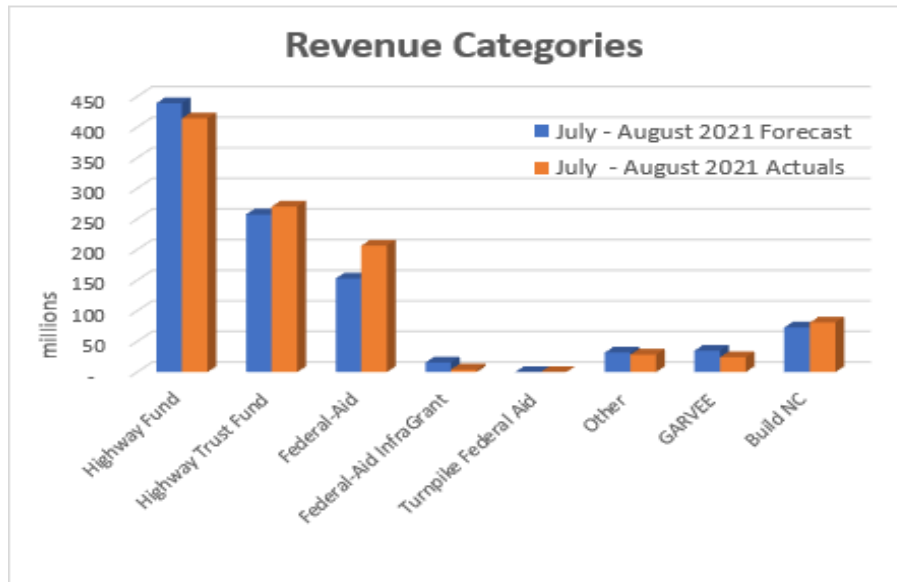
24 Month Cash Forecast – SFY 22 / SFY 23 Spend Plan



Spend Plan Revenue Summary August 2021 (in millions)

Revenue	August 2021	August 2020	2021-2022 Actual Revenue	2020-2021 Actual Revenue	\$ Δ	% Δ	2021-2022 Spend Plan Revenue Forecast*	%	2021-2022 Spend Plan Revenue Forecast* To Date	%
Highway Fund	207.1	204.2	414.5	474.4	(59.8)	-13%	2,531.5	16%	439.2	94%
Highway Trust Fund	136.1	124.7	270.4	263.4	7.0	3%	1,484.4	18%	257.5	105%
FHWA Federal Aid	140.9	131.4	206.7	199.0	7.7	4%	1,201.2	17%	152.9	135%
Federal Aid - InfraGrant	3.5	5.5	4.2	5.9	(1.7)		64.5	7%	15.7	27%
Turnpike Federal Aid	0.0	0.0	0.1	1.3	(1.3)	-94%	-		-	
Other	12.3	14.8	28.6	25.5	3.1	12%	242.0	12%	32.0	89%
GARVEE	16.7	40.0	24.3	42.7	(18.4)	-43%	205.5	12%	35.1	69%
Build NC	32.4	-	81.0	144.1	(63.1)	-44%	288.3	28%	72.9	111%
Total Revenue	\$548.9	\$520.6	\$1,029.7	\$1,156.2	(\$126.5)	-11%	\$6,017.4	17%	\$1,005.4	102%

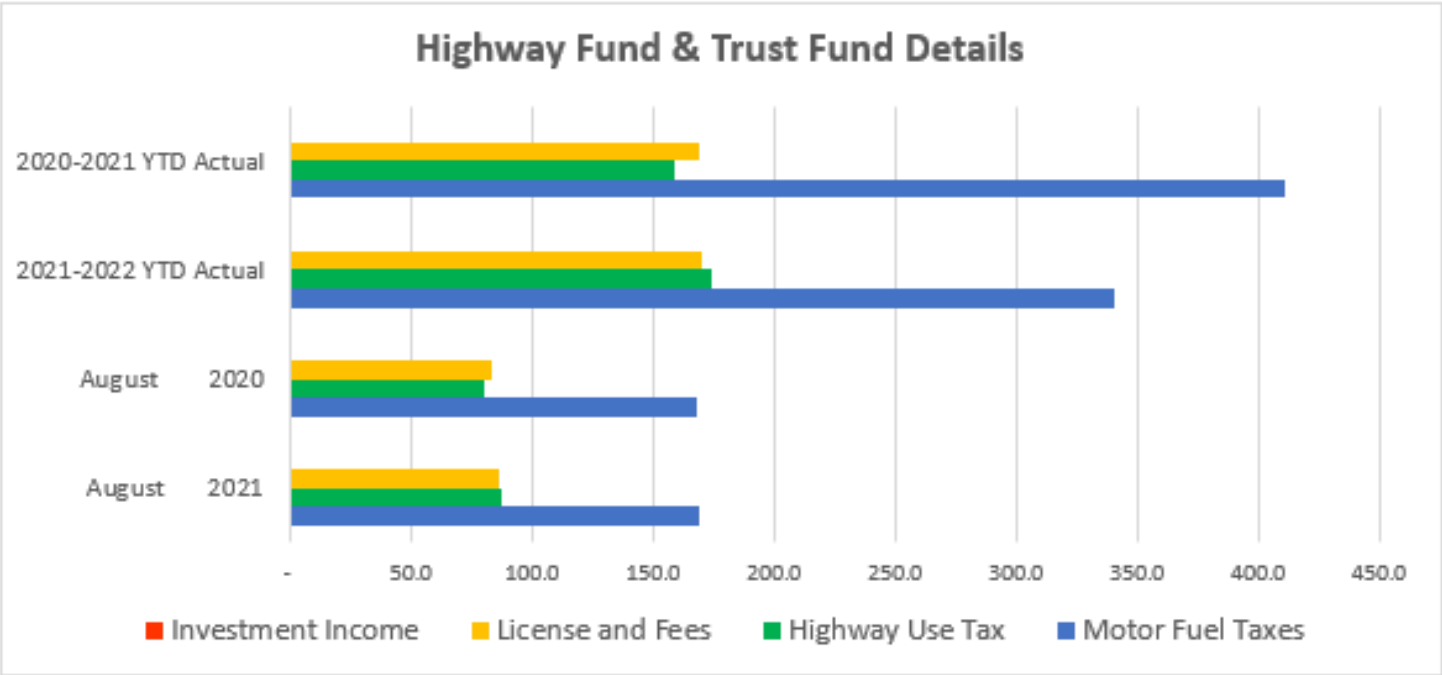
*7/1/21 Approved Spend Plan



Highway Fund & Trust Fund Details August 2021

(in millions)

Highway Fund & Trust Fund Details	August 2021	August 2020	Year Over Year			
			2021-2022 YTD Actual	2020-2021 YTD Actual	\$ Δ	% Δ
Motor Fuel Taxes	169.1	167.5	340.8	410.9	\$ (70.1)	-17%
Highway Use Tax	87.7	80.1	173.8	159.2	14.6	9%
License and Fees	86.4	83.1	170.4	169.5	0.8	0%
Investment Income	-	0.5	-	0.5	(0.5)	
Total	\$ 343.2	\$ 331.2	\$ 685.0	\$ 740.1	\$ (55.2)	-7%

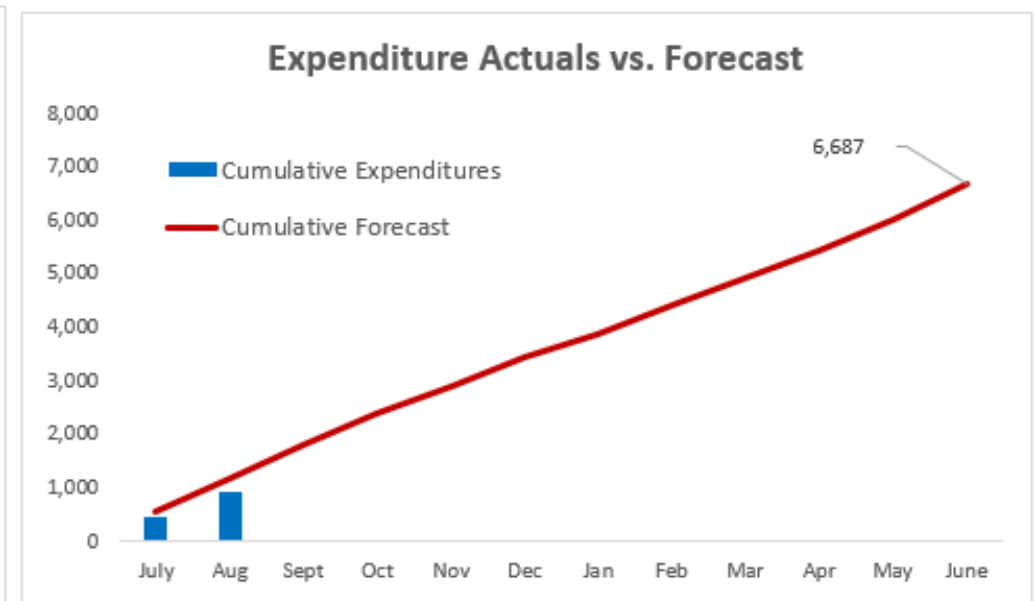
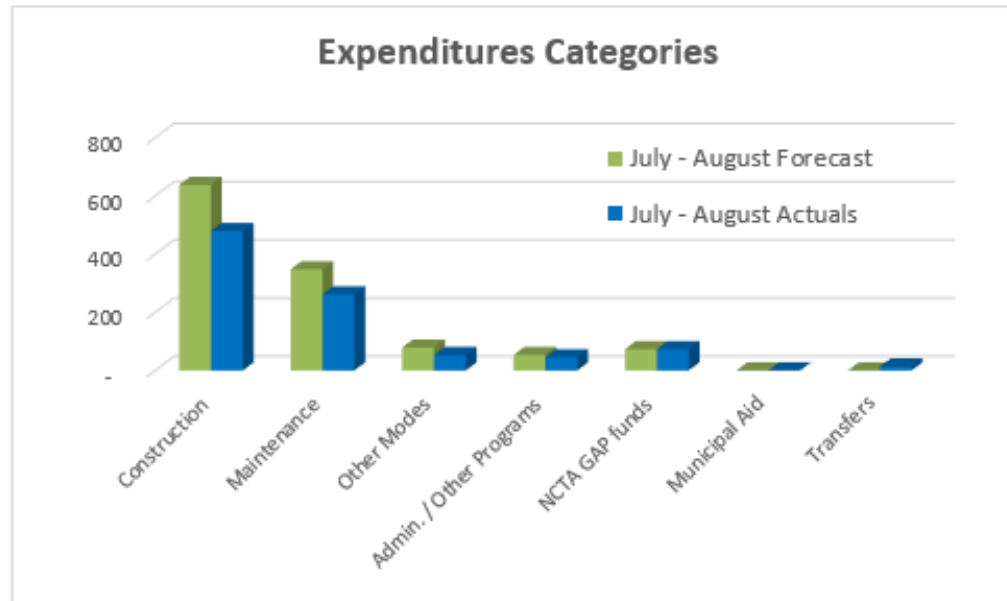


Spend Plan Expenditure Summary August 2021 (in millions)

State & Federal Funded Programs:	August 2021	August 2020	2021-2022 Actual	2020-2021 Actual	\$ Δ	% Δ	2021-2022 Spend Plan**	%	2021-2022 Spend Plan To Date**	%
Construction	268.8	274.0	479.2	528.1	(\$48.9)	-9%	3,717.3	13%	637.7	75%
Maintenance (including FEMA)	143.4	86.1	261.5	188.9	72.6	38%	1,810.5	14%	347.6	75%
Other Modes	28.4	32.0	53.1	66.0	(12.9)	-20%	495.2	11%	78.7	68%
Administration/Other Programs	24.9	25.6	45.5	44.9	0.6	1%	348.8	13%	53.4	85%
NCTA GAP funds / Emergency Reserve	12.3	12.3	73.3	12.3	61.0	498%	110.0	67%	73.3	100%
Municipal Aid	-	-	-	-	-	-	147.5	0%	0.0	-
Transfers to Other Agencies	0.3	0.4	13.4	2.3	11.1	489%	57.9	23%	0.0	-
Total Expenditures*	\$478.1	\$430.3	\$925.9	\$842.5	\$ 83.4	10%	\$6,687.1	14%	\$1,190.7	78%

*Excludes NCTA Expenditures

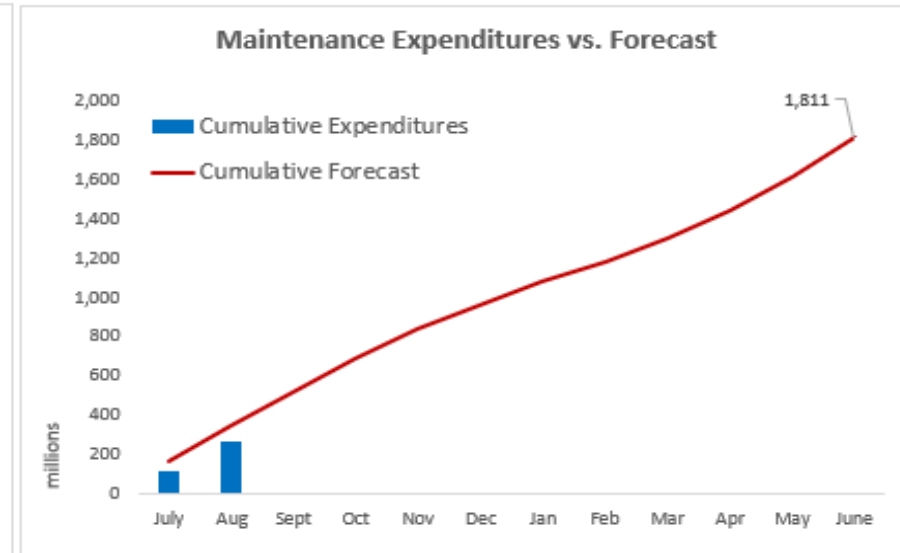
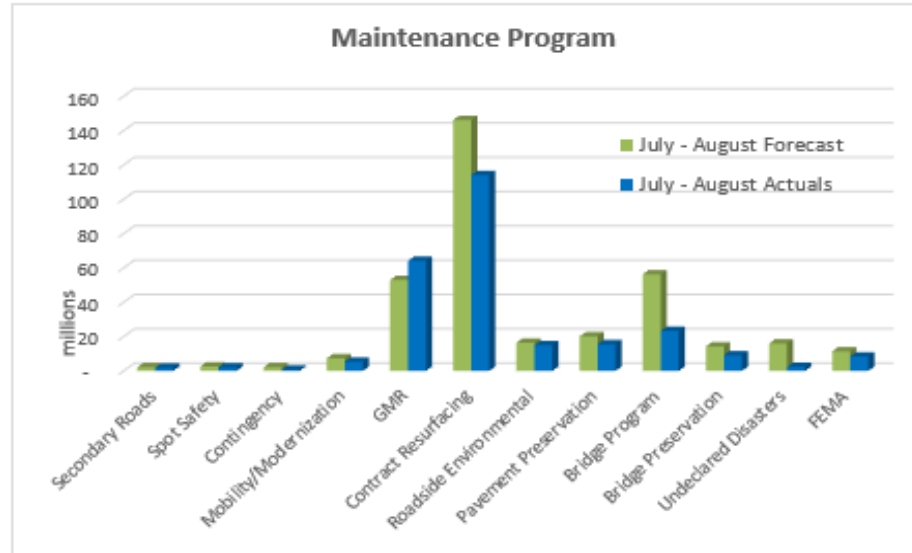
** Spend Plan Approved on 7/1/2021



Maintenance Program Expenditure Summary August 2021

(in millions)

	August 2021	August 2020	2021-2022 Actual	2020-2021 Actual	\$ Δ	% Δ	2021-2022 Spend Plan*	%	2021-2022 Spend Plan* To Date	%
Maintenance Programs:										
Secondary Roads	1.1	0.11	1.8	0.46	1.36	294%	12.0	15%	2.1	86%
Spot Safety Improve.	1.0	0.14	2.0	0.77	1.25	161%	15.0	13%	2.7	76%
Contingency	(0.0)	(0.30)	0.7	(0.11)	0.84	-745%	12.0	6%	2.1	34%
Mobility/Modernization	4.3	0.74	5.3	2.18	3.15	144%	41.4	13%	7.3	73%
GMR	33.8	26.78	64.1	57.15	6.98	12%	310.3	21%	52.9	121%
Contract Resurfacing	64.2	29.18	114.0	64.50	49.53	77%	631.2	18%	146.1	78%
Roadside Environmental	9.1	6.54	14.9	13.37	1.56	12%	96.3	16%	16.4	91%
Pavement Preservation	6.5	4.14	15.5	11.69	3.81	33%	117.9	13%	20.1	77%
Bridge Program	12.5	9.77	23.3	21.82	1.45	7%	330.2	7%	56.3	41%
Bridge Preservation	4.1	4.42	9.1	10.30	(1.21)	-12%	83.6	11%	14.2	64%
Undeclared Disasters	1.0	-	2.2	-	2.24		93.7	2%	16.0	14%
FEMA	5.9	4.59	8.4	6.78	1.59	23%	66.9	13%	11.4	73%
Total Expenditures	143.41	86.13	261.46	188.91	72.55	38%	1,810.50	14%	347.63	75%
							* Spend Plan Approved on 7/1/2021			

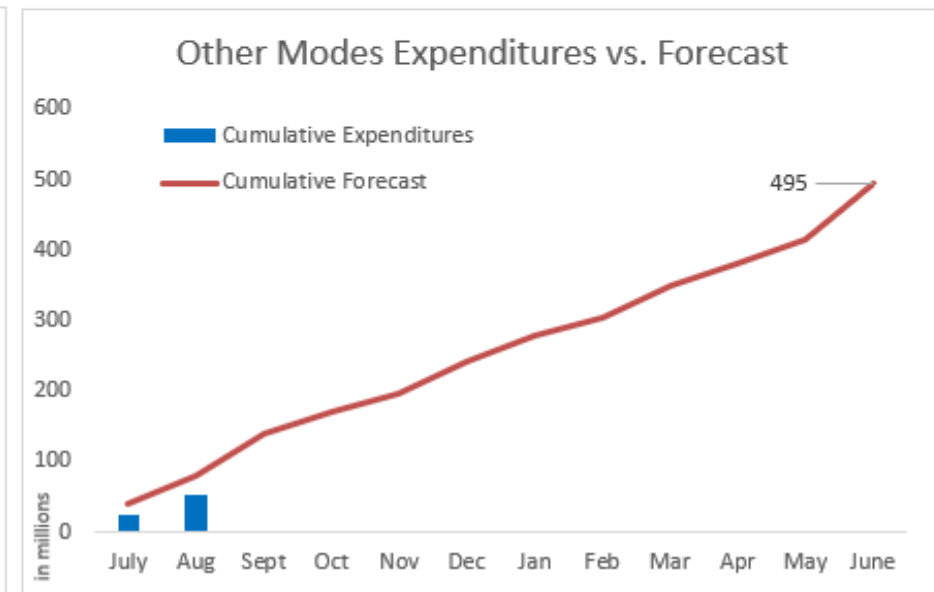
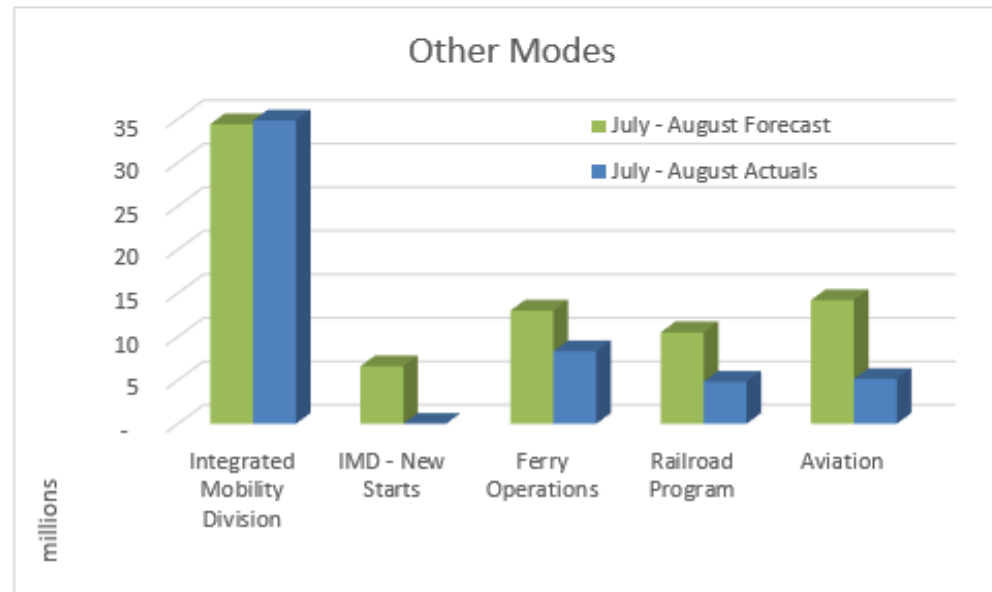


Other Modes Expenditure Summary August 2021

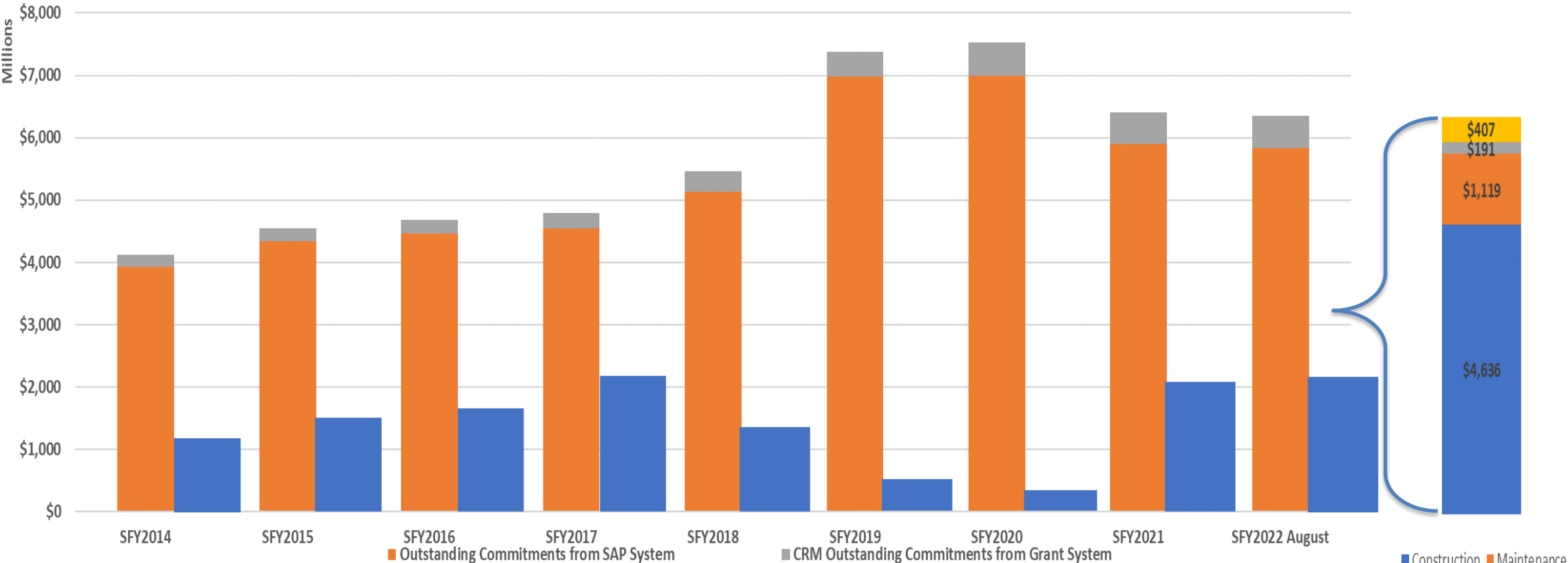
(in millions)

Modal Expenditures	August 2021	August 2020	2021-2022 Actual Expenditure	2020-2021 Actual Expenditure	\$ Δ	% Δ	2021-2022 Spend Plan*	%	2021-2022 Spend Plan* To Date	%
Integrated Mobility Division	20.6	5.3	34.8	14.3	20.5	143%	114.5	30%	34.4	101%
IMD - New Starts	-	-	-	-	-	-	26.0	0%	6.6	0%
Ferry Operations	4.1	4.6	8.3	7.7	0.6	8%	53.6	16%	13.0	64%
Railroad Program	1.5	3.0	4.8	7.7	(2.8)	-37%	119.3	4%	10.5	46%
Aviation	2.3	19.1	5.1	36.3	(31.2)	-86%	181.8	3%	14.2	36%
Total Modal Expenditure	\$28.4	\$32.0	\$53.1	\$66.0	(\$12.9)	-20%	\$495.2	11%	\$78.7	68%

* Spend Plan Approved on 7/1/2021



NCDOT Outstanding Commitments & Closing Cash Balances by State Fiscal Year

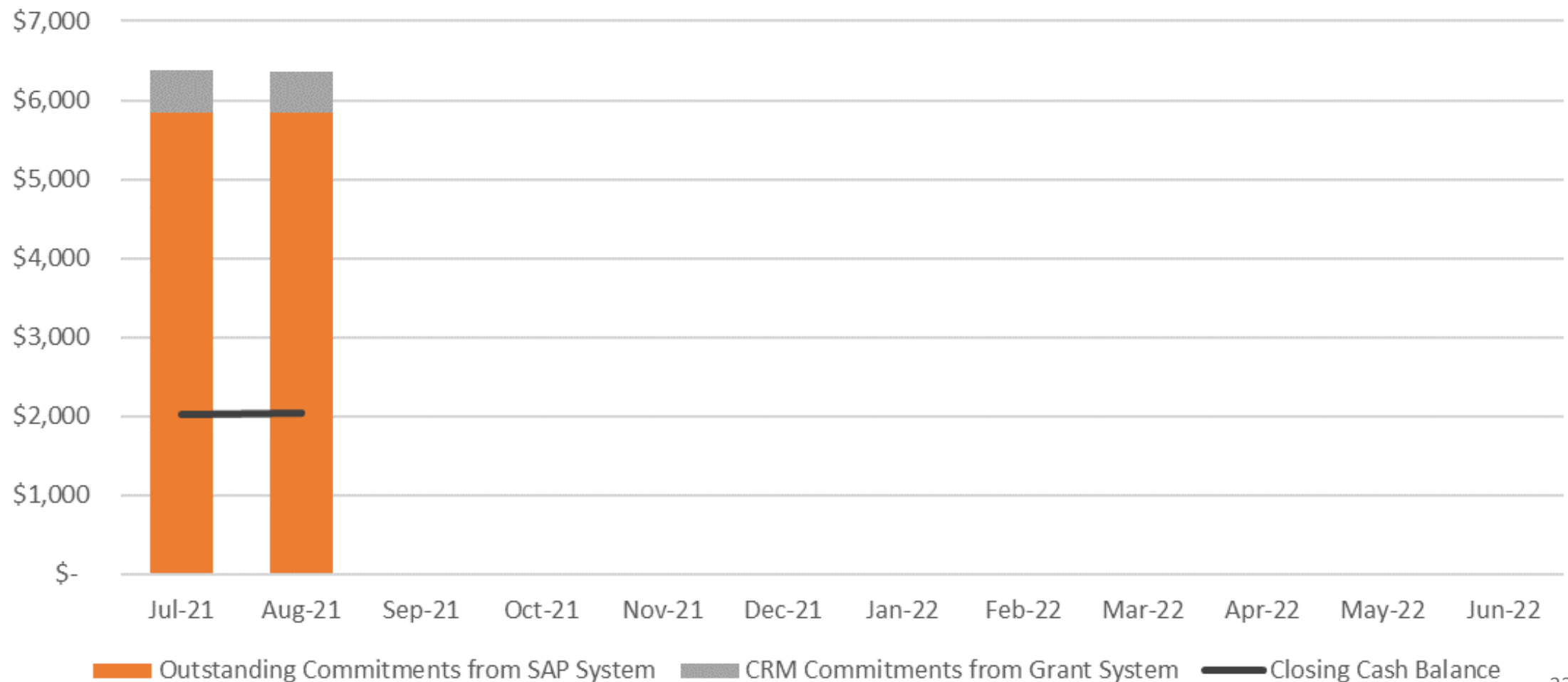


SFY 2022 Commitments
Contract/Agreement Origination Dates

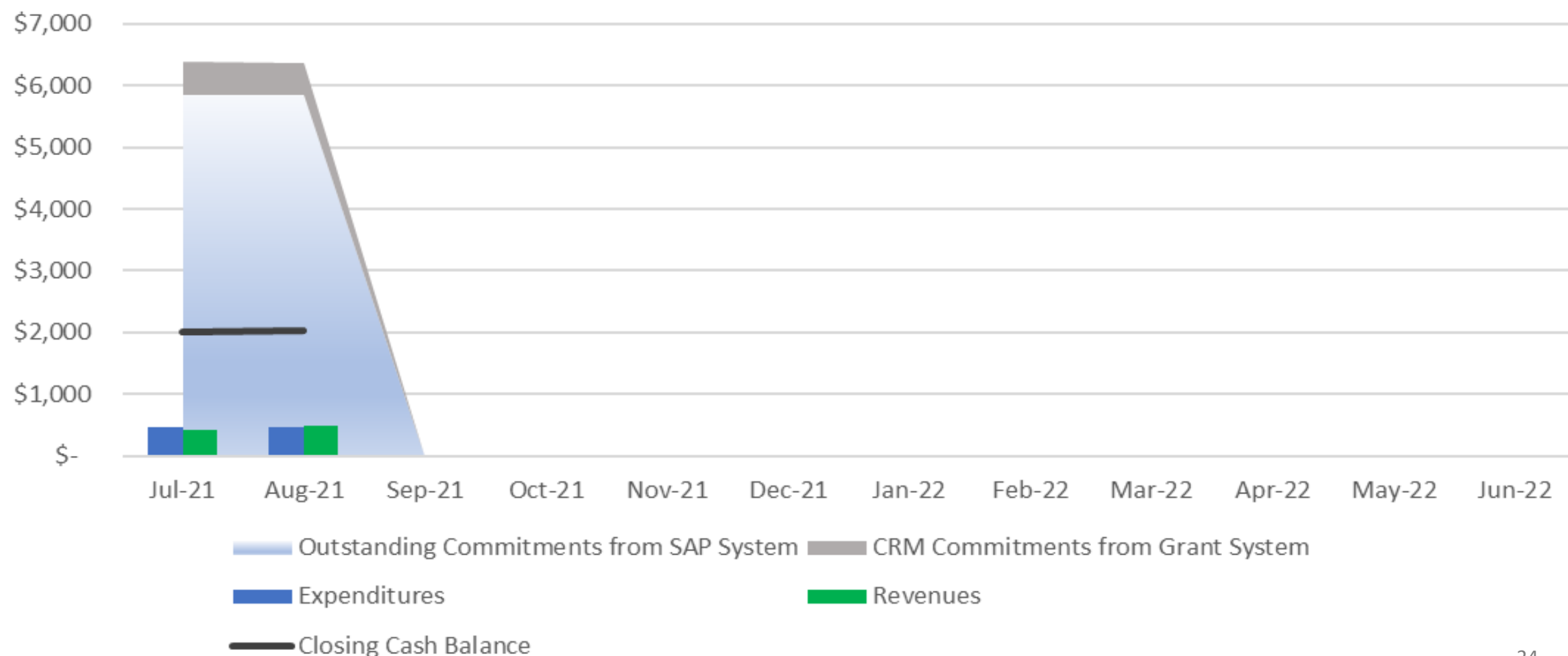
SFY2022	7.12%
SFY2021	19.35%
SFY2020	30.63%
SFY2019	28.59%
SFY2018	7.31%
SFY2017 & Prior Years	7.00%

■ Construction ■ Maintenance
■ Modal ■ Other

NCDOT Outstanding Commitments & Closing Cash Balances by Month



NCDOT Outstanding Commitments & Closing Cash Balances by Month



Cash Reporting

Joint Legislative Transportation Oversight Committee

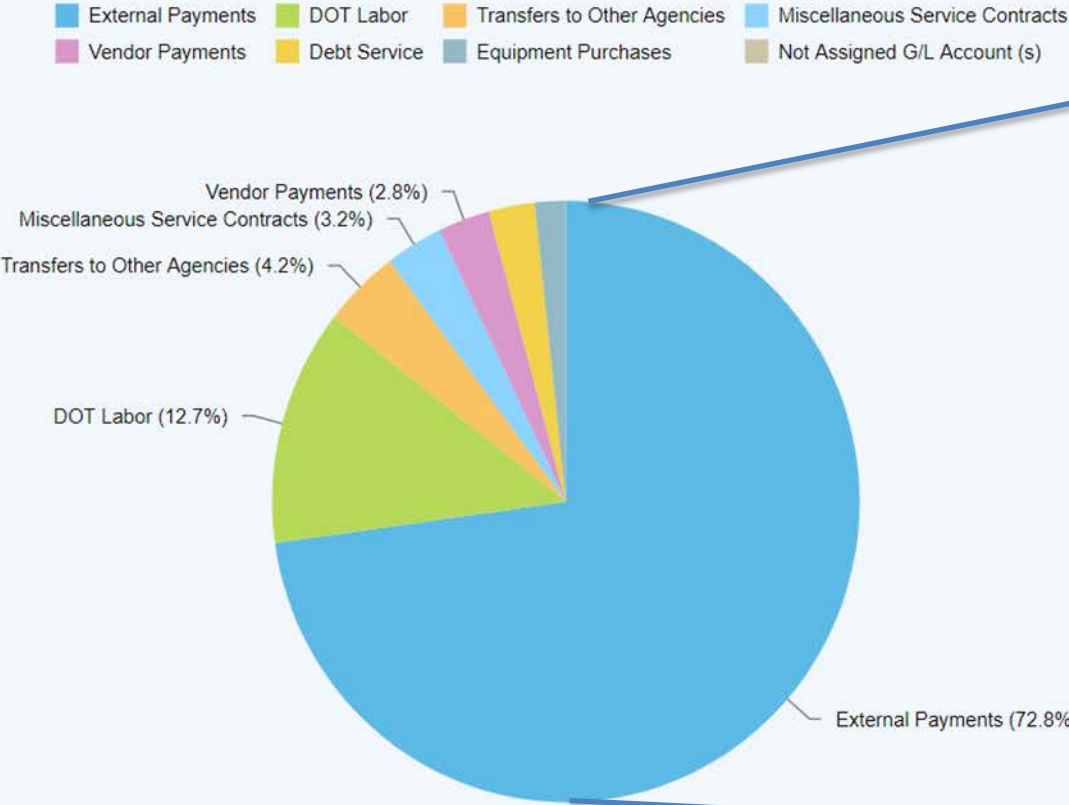
August 2021 – Reporting Required

- N.C.G.S 143C-6-11(m) 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 August 2021, the **average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$1.91 billion.
- The cash target amounts representing 15% and 20% of the total appropriations for the current fiscal year are \$603 million and \$803 million, respectively.
- The closing cash balance for July was \$2.0 billion which is above the target range and above the minimum cash balance requirement of \$301 million under N.C.G.S. 143C-6-11.

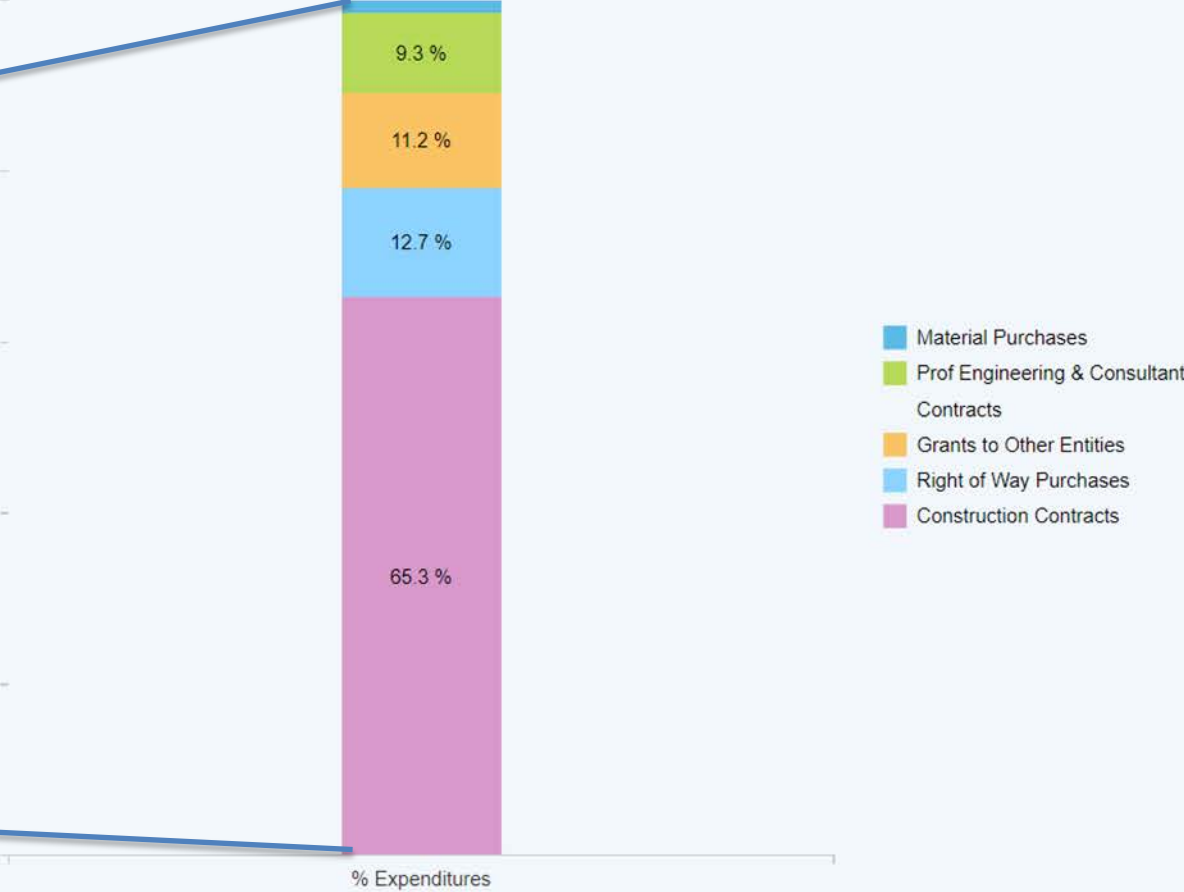
NCDOT Expenditures

SFY2022 as of August 31, 2021

NCDOT Expenditures (\$M)



NCDOT External Payments (%)



Continuation Budget - Highway Fund Appropriations

2021-22

G.S. 136-44.2 (H)
(1-4)

G.S. 136-16.10

APPROVED
7/1/21

	Continuation 2022 Budget	Credit Balance Legislation	FY21 Overdrafts Accounted By FY22 Approp Authority	State Carry Forward Authority	FY22 Cashflow Payback	FY23 Cashflow	Net FY22 Appropriations	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	State Total Spent thru 8/31/21	Federal Total Spent thru 8/31/21	Total Spent thru 8/31/21	Difference \$	Diff. %
DOT-General Administration	\$ 96,403,568		-	-			96,403,568	-	\$ 94,574,445		\$ 94,574,445	\$ 13,701,663		\$ 13,701,663	\$ (80,872,782)	-86%
Highway Division Administration	31,063,109		-	-			31,063,109	-	31,063,109		31,063,109	4,071,744		4,071,744	(26,991,365)	-87%
Total Admin	\$ 127,466,677		\$ -	\$ -			\$ 127,466,677	\$ -	\$ 125,637,554	\$ -	\$ 125,637,554	\$ 17,773,407	\$ -	\$ 17,773,407	\$ (107,864,147)	-86%
Construction Program																
State Secondary System	12,000,000	(186,711)	213,576	56,790,241			68,389,953	-	12,000,000		12,000,000	1,819,430		1,819,430	(10,180,570)	-85%
Spot Safety Improvements	12,100,000	-	645,417	39,699,231			51,153,814	-	15,000,000		15,000,000	2,023,580		2,023,580	(12,976,420)	-87%
Contingency Funds	12,000,000	-	1,324,867	49,581,414			60,256,547	-	12,000,000		12,000,000	729,300		729,300	(11,270,700)	-94%
Mobility Modernization	41,443,078	(196,391)	4,153,719	71,541,197			108,633,566	-	41,400,000		41,400,000	5,334,397		5,334,397	(36,065,603)	-87%
Total Construction Program	\$ 77,543,078	(383,702)	6,337,579	217,612,083			288,433,880	-	\$ 80,400,000	\$ -	\$ 80,400,000	\$ 9,906,707	\$ -	\$ 9,906,707	\$ (70,493,293)	-88%
Maintenance Program																
General Maintenance Reserve	433,996,592	(2,567)	2,140,707	190,260,014	215,489,911	185,489,911	592,113,332	-	470,900,000		470,900,000	74,738,210		74,738,210	(396,161,791)	-84%
Contract Resurfacing	535,682,480	-	318,485	668,337,071	405,211,553	150,211,553	948,701,065	-	631,200,000		631,200,000	114,020,911		114,020,911	(517,179,089)	-82%
Bridge Program	273,967,830	(161,702)	79,083	435,327,796	15,188,916		694,465,925	-	330,200,000		330,200,000	23,265,426		23,265,426	(306,934,574)	-93%
Bridge Preservation	70,164,885	-	-	44,058,172	8,636,912		105,586,145	-	83,600,000		83,600,000	9,087,265		9,087,265	(74,512,735)	-89%
Roadside Environmental	101,328,653	-	240,421	30,451,936	48,813,029	13,813,029	96,540,168	-	96,300,000		96,300,000	14,931,325		14,931,325	(81,368,675)	-84%
Pavement Preservation	85,623,683	-	541,018	99,477,636	13,452,195	8,452,195	179,560,301	-	117,900,000		117,900,000	15,507,691		15,507,691	(102,392,309)	-87%
Total Maintenance Program	\$ 1,500,764,123	(164,269)	3,319,714	1,468,512,624	706,792,516	357,966,688	2,616,966,936	-	\$ 1,730,100,000	\$ -	\$ 1,730,100,000	\$ 251,550,828	\$ -	\$ 251,550,828	\$ (1,478,549,172)	-85%

Continuation Budget - Highway Fund Appropriations

2021-22

	G.S. 136-44.2 (f1) (1-4)		G.S. 136-16.10								APPROVED 7/1/21					
	Continuation 2022 Budget	Credit Balance Legislation	FY21 Overdrafts Accounted By FY22 Approp Authority	State Carry Forward Authority	FY22 Cashflow Payback	FY23 Cashflow	Net FY22 Appropriations	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	State Total Spent thru 8/31/21	Federal Total Spent thru 8/31/21	Total Spent thru 8/31/21	Difference \$	Diff. %
Ferry Operations	50,779,786		7,971,879	1,187,740			43,995,647	386,004	53,600,000		53,600,000	8,331,188	-	8,331,188	(45,268,812)	-84%
State Aid to Municipalities	147,500,000	(25,678)	-	525,678			148,000,000	-	147,500,000		147,500,000	-		-	(147,500,000)	-100%
State Aid to Railroads	44,413,487	-	332,823	63,472,452			107,553,116	5,815,512	55,724,940	63,575,162	119,300,102	4,747,494	83,607	4,831,101	(114,469,001)	-96%
Integrated Mobility Division	94,205,635	(9,288)	38,245	43,451,499			137,609,601	138,493,613	88,277,526	51,960,925	140,238,451	1,968,891	32,836,920	34,805,811	(105,432,640)	-75%
Airports	131,946,966	-	-	102,949,780			234,896,746	41,577,444	159,100,000	22,500,000	181,600,000	3,820,124	1,316,583	5,136,707	(176,463,293)	-97%
Bike/Ped	761,549		5,424	1,095,987			1,852,112	-	761,549		761,549	110,897		110,897	(650,652)	-85%
OSHA Program	358,030		9	589,679			947,700	-	358,000		358,000	71,305		71,305	(286,695)	-80%
Governor's Highway Safety Program	267,914			391,061			658,975	37,959,451	267,914	13,532,086	13,800,000	57,325	1,797,367	1,854,692	(11,945,308)	-87%
Division of Motor Vehicles	143,396,106			-			143,396,106	-	143,396,106		143,396,106	19,930,895		19,930,895	(123,465,211)	-86%
Capital Improvements			547,313	40,105,925			39,558,612	-	-		-	210,917		210,917	210,917	
Performance Energy Debt				-			-	-	-		-	-		-	-	
Non-System Streets				8,049,731			8,049,731	-	-		-	879,381		879,381	879,381	
MCSAP/DMV Grants	2,161,172			3,690,927			5,852,099	21,950,010	2,200,000		2,200,000	272,523	57,469	329,992	(1,870,008)	-85%
N.C.G.S 147-86.15 Cash Management									(270,000,000)		(270,000,000)	(100,000,000)		(100,000,000)	170,000,000	-63%
Total Misc	615,790,645	(34,966)	8,895,692	265,510,457			872,370,444	246,182,034	381,186,035	151,568,173	532,754,208	(59,599,062)	36,091,946	(23,507,116)	\$ (556,261,324)	-104%
Transfers to Other State Agencies															-	
Emergency Reserve per SL2019-251		61,000,000					61,000,000		61,000,000		61,000,000	61,000,000		61,000,000		
Agriculture	5,539,856			-			5,539,856	-	5,539,856		5,539,856	1,446,774		1,446,774	(4,093,082)	-74%
Revenue	5,415,158			-			5,415,158	-	5,415,158		5,415,158	314,253		314,253	(5,100,906)	-94%
OSC-BEST	525,408			-			525,408	-	525,408		525,408	-		-	(525,408)	-100%
State Ports Authority	-			-			-	-	-		-	-		-	-	
State Ethics Commission	56,816			-			56,816	-	56,816		56,816	5,104		5,104	(51,712)	-91%
OSBM-Oversight Manager	-			-			-	-	-		-	19,790		19,790		
DHHS - Chemical Test	581,675			-			581,675	-	581,675		581,675	145,418		145,418	(436,257)	-75%
Total Transfers to Other State Agencies	\$ 12,118,913	\$ 61,000,000	-	-			73,118,913	-	\$ 73,118,913	\$ -	\$ 73,118,913	\$ 62,931,338	\$ -	\$ 62,931,338	\$ (10,187,575)	-14%

Continuation Budget - Highway Fund Appropriations

2021-22

2021-22	G.S. 136-44.2 (f1) (1-4)							APPROVED 7/1/21								
	Continuation 2022 Budget	Credit Balance	FY21 Overdrafts Accounted By FY22 Approp Authority	State Carry Forward Authority	FY22 Cashflow Payback	FY23 Cashflow	Net FY22 Appropriations	Federal Carry Forward	State Spend Plan	Federal Spend Plan	Total Spend Plan	State Total Spent thru 8/31/21	Federal Total Spent thru 8/31/21	Total Spent thru 8/31/21	Difference \$	Diff. %
		Legislation														
Reserves																
Minority Contractor Development	150,000			146,535			296,535	-	150,000		150,000				(150,000)	-100%
State Fire Protection Grant	158,000			-			158,000	-	158,000		158,000	-		-	(158,000)	-100%
Stormwater Discharge Permit	500,000			2,527,248			3,027,248	-	500,000		500,000				(500,000)	-100%
Global Transpark	750,000			-			750,000	-	750,000		750,000	215,708		215,708	(534,292)	-71%
Admin Reduction	(581,441)			-			(581,441)	-	(581,441)		(581,441)				581,441	-100%
Salary Adjustment Fund	832,422			-			832,422	-	832,422		832,422				(832,422)	-100%
Reserve for Call Center Consolidations	556,074			-			556,074	-	556,074		556,074				(556,074)	-100%
Reserve for Legislative Increase	11,034,210			-			11,034,210	-	11,034,210		11,034,210				(11,034,210)	-100%
Reserve for State Health Plan	1,552,177			-			1,552,177	-	3,411,891		3,411,891				(3,411,891)	-100%
Short Term Disability	171,184			-			171,184	-	171,184		171,184				(171,184)	-100%
Employer's Contribution to Retirement	11,143,564			-			11,143,564	-	11,140,000		11,140,000				(11,140,000)	-100%
Total Reserves	\$ 26,266,190		-	2,673,783			28,939,973	-	\$ 28,122,340	\$ -	\$ 28,122,340	\$ 43,122,474		\$ 43,122,474	\$ 15,000,134	53%
															-	
Total Current Operations	2,359,949,626	60,417,062	18,552,985	1,954,308,948	706,792,516	357,966,688	4,007,296,823	246,182,034	2,418,564,842	151,568,173	2,570,133,015	325,685,692	36,091,946	361,777,638	(2,208,355,377)	
															-	
Total Highway Fund Appropriation	\$ 2,359,949,626	\$ 60,417,062	\$ 18,552,985	\$ 1,954,308,948	\$ 706,792,516	\$ 357,966,688	\$ 4,007,296,823	\$ 246,182,034	\$ 2,418,564,842	\$ 151,568,173	\$ 2,570,133,015	\$ 325,685,692	\$ 36,091,946	\$ 361,777,638	\$ (2,208,355,377)	

Continuation Budget -Highway Trust Fund Appropriation

2021-22

	G.S.136-186 (f)										Total Spend Plan	State Total Spent thru 8/31/21	Federal Total Spent thru 8/31/21	Total Spent thru 8/31/21	Difference \$	Difference %
	Continuation 2022 Budget	Credit Balance Legislation	FY21 Overdrafts Funded By FY22 Dollars	State Carry Forward	FY22 Cashflow Payback	FY23 Cashflow	Net FY22 Appropriations	Federal Carry Forward	State Spend Plan	Federal Spend Plan						
Program Administration	\$ 35,626,560		-	-			35,626,560	-	\$ 35,600,000		35,600,000	4,680,343		\$ 4,680,343	\$ (30,919,657)	-87%
Bond Redemption	27,690,000		-	-			27,690,000	-	49,795,000		49,795,000	-		-	(49,795,000)	-100%
Bond Interest	29,134,500		-	-			29,134,500	-	43,247,400		43,247,400	-		-	(43,247,400)	-100%
Turnpike Authority	49,000,000		-	-			49,000,000	-	49,000,000		49,000,000	12,250,000		12,250,000	(36,750,000)	-75%
State Ports Authority	45,000,000		-	-			45,000,000	-	45,000,000		45,000,000	11,250,000		11,250,000	(33,750,000)	-75%
FHWA State Match	4,640,000		-	-			4,640,000	-	4,640,000		4,640,000	4,955,707		4,955,707	315,707	7%
Transfer to Visitor Center	400,000		-	-			400,000	-	400,000		400,000	-		-	(400,000)	-100%
Strategic Prioritization & Other Capital Programs	1,441,601,600	-	212,217,318	3,781,101,480	600,818,968	42,329,367	4,451,996,161	-	1,441,601,600	2,177,681,843	3,619,283,443	140,994,081	289,993,420	430,987,501	**** (3,188,295,942)	-88%
N.C.G.S 147-86.15 Cash Management									270,000,000		270,000,000	100,000,000		100,000,000	(170,000,000)	-63%
Total Trust Fund Appropriation	\$ 1,633,092,660	\$ -	\$ 212,217,318	\$ 3,781,101,480	\$ 600,818,968	\$ 42,329,367	\$ 4,643,487,221	\$ -	\$ 1,939,284,000	\$ 2,177,681,843	\$ 4,116,965,843	\$ 274,130,131	\$ 289,993,420	\$ 564,123,551	\$ (3,552,842,292)	
	\$ 3,993,042,286	\$ 60,417,062	\$ 230,770,304	\$ 5,735,410,428	\$ 1,307,611,484	\$ 400,296,055	\$ 8,650,784,044	\$ 246,182,034	\$ 4,357,848,842	\$ 2,329,250,016	\$ 6,687,098,858	\$ 599,815,823	\$ 326,085,366	\$ 925,901,189	\$ (5,761,197,669)	

* 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

SFY 22 Approved Spend Plan Versus Adjusted Spend Plan

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	SFY 2022	Approved 7/1/21	
	1	2	3	4	5	6	7	8	9	10	11	12	Adjusted Workplan	SFY 2022 Work Plan	Delta
OPENING CASH BALANCE	\$ 2,013	\$ 2,016	\$ 2,039	\$ 1,959	\$ 1,895	\$ 1,829	\$ 1,712	\$ 1,773	\$ 1,695	\$ 1,765	\$ 1,689	\$ 1,504			
REVENUES															
State revenues	\$ 342	\$ 343	\$ 342	\$ 332	\$ 323	\$ 307	\$ 342	\$ 331	\$ 325	\$ 340	\$ 332	\$ 345	\$ 4,004	\$ 4,016	(12)
Federal aid	66	141	113	80	90	82	87	154	212	90	86	98	1,298	1,201	97
Federal aid - InfraGrant	1	3	5	7	5	16	15	-	-	-	-	2	53	64	(12)
Turnpike Federal Aid	0	0	-	-	-	-	-	-	-	-	-	-	0	-	0
Other	16	12	17	15	12	14	19	16	15	20	18	64	239	242	(3)
	425	500	477	433	430	419	463	501	552	450	437	508	5,594	5,524	70
BOND PROCEEDS/GARVEE	8	17	49	70	32	19	18	13	14	16	15	15	285	206	80
BUILDNC REIMBURSEMENT FROM TRUSTEE	49	32	38	26	27	23	16	16	16	15	17	14	290	288	2
TOTAL REVENUES & OTHER RECEIPTS	\$ 481	\$ 549	\$ 564	\$ 529	\$ 489	\$ 461	\$ 497	\$ 531	\$ 582	\$ 480	\$ 469	\$ 538	\$ 6,169	\$ 6,017	152
CONSTRUCTION EXPENDITURES															
Garvee Expenditures	1	(40)	(86)	(91)	(84)	(67)	(62)	(71)	(90)	(96)	(100)	(100)	(886)	(745)	(141)
Garvee Debt Service	-	(22)	-	-	-	-	-	(130)	-	-	-	-	(152)	(160)	8
Division of Mitigation Services (Formerly EEP)	13	(0)	-	(10)	-	-	(15)	-	-	(10)	-	-	(22)	(49)	27
BUILDNC Expenditures	(35)	(43)	(37)	(42)	(34)	(26)	(27)	(26)	(24)	(29)	(27)	(30)	(379)	(381)	2
BUILDNC Debt Service	-	-	-	(37)	-	-	-	-	-	-	(56)	-	(93)	(93)	0
Strategic Transportation Initiative*	(74)	(104)	(56)	(60)	(81)	(82)	(73)	(72)	(79)	(101)	(100)	(108)	(988)	(943)	(45)
NC Mobility Fund	(0)	(0)	-	-	-	-	-	-	-	-	-	-	(0)	-	(0)
TIP	(103)	(50)	(100)	(103)	(103)	(95)	(64)	(115)	(92)	(92)	(100)	(108)	(1,124)	(1,176)	53
TIP - Infragrant	(1)	(16)	(7)	(5)	(16)	(23)	-	(6)	(8)	(7)	(9)	(10)	(106)	(101)	(5)
Turnpike Authority	(0)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(2)	(1)
Internal Orders	(7)	11	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(6)	(12)	6
Congestion Mitigation & Air Quality (CMAQ)	(5)	(2)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(53)	(55)	2
Total Construction	\$ (210)	\$ (269)	\$ (290)	\$ (352)	\$ (324)	\$ (298)	\$ (246)	\$ (425)	\$ (298)	\$ (339)	\$ (398)	\$ (361)	\$ (3,811)	(3,717)	(94)

*STI Forecast Data Updated 10/4/21

SFY 21 Approved Spend Plan Versus Adjusted Spend Plan

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	SFY 2022	Approved 7/1/21	
MAINTENANCE EXPENDITURES															
Other Construction - Secondary Roads	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(12)	(12)	0
Other Construction - Spot Safety Improvements	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(15)	(15)	0
Other Construction - Contingency	(1)	0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(12)	(12)	0
Other Construction - Mobility/Modernization	(1)	(4)	(4)	(4)	(4)	(4)	(2)	(4)	(3)	(3)	(4)	(4)	(41)	(41)	0
General Maintenance Reserve	(30)	(34)	(24)	(28)	(23)	(20)	(26)	(22)	(24)	(22)	(25)	(31)	(310)	(310)	0
Contract Resurfacing	(50)	(64)	(73)	(68)	(65)	(41)	(24)	(15)	(23)	(55)	(77)	(76)	(631)	(631)	0
Roadside Environmental	(6)	(9)	(8)	(9)	(8)	(7)	(9)	(7)	(8)	(7)	(8)	(10)	(96)	(96)	0
Pavement Preservation	(9)	(6)	(10)	(11)	(10)	(8)	(11)	(9)	(10)	(9)	(11)	(13)	(118)	(118)	0
Bridge Program	(11)	(13)	(30)	(34)	(29)	(25)	(33)	(27)	(30)	(28)	(32)	(39)	(330)	(330)	0
Bridge Preservation	(5)	(4)	(7)	(8)	(7)	(6)	(8)	(7)	(7)	(7)	(8)	(10)	(84)	(84)	0
Undeclared Disasters including Snow & Ice	(1)	(1)	(9)	(10)	(9)	(7)	(10)	(8)	(9)	(8)	(9)	(12)	(94)	(94)	0
Disaster Funding - FEMA	(2)	(6)	(6)	(7)	(5)	(5)	(6)	(5)	(6)	(5)	(6)	(7)	(67)	(67)	0
Total Maintenance	\$ (118)	\$ (143)	\$ (175)	\$ (183)	\$ (162)	\$ (126)	\$ (130)	\$ (109)	\$ (125)	\$ (149)	\$ (184)	\$ (206)	\$ (1,811)	(1,811)	0
OTHER MODES															
Public Transportation	(14)	(21)	(16)	(10)	(6)	(10)	(11)	(4)	(4)	(8)	(7)	(4)	(115)	(115)	(0)
Public Transportation-New Starts	-	-	(3)	(2)	(2)	(2)	(3)	(1)	(1)	(2)	(2)	(9)	(26)	(26)	0
Ferry Operations	(4)	(4)	(9)	(4)	(4)	(3)	(4)	(4)	(3)	(3)	(3)	(8)	(54)	(54)	0
Railroad program	(3)	(1)	(7)	(7)	(5)	(6)	(9)	(9)	(8)	(11)	(10)	(43)	(119)	(119)	0
Airports	(3)	(2)	(28)	(8)	(8)	(26)	(8)	(9)	(28)	(10)	(10)	(44)	(182)	(182)	0
Total Other Modes	\$ (25)	\$ (28)	\$ (62)	\$ (30)	\$ (25)	\$ (47)	\$ (35)	\$ (27)	\$ (45)	\$ (33)	\$ (32)	\$ (107)	\$ (495)	(495)	0
OTHER EXPENDITURES															
Administration	(20)	(23)	(25)	(27)	(31)	(16)	(24)	(34)	(28)	(34)	(28)	(33)	(323)	(331)	8
Transfers to Other State Agencies	(13)	(0)	(14)	-	-	(14)	-	-	(14)	-	-	(14)	(71)	(58)	(13)
Transfers to General Fund/NCTA/ER Fund	(61)	(12)	-	-	(12)	-	-	(12)	-	-	(12)	-	(110)	(110)	0
State aid to municipalities	-	-	(74)	-	-	(74)	-	-	-	-	-	-	(148)	(148)	0
Debt Service	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
Other Programs	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(1)	(1)	(1)	(1)	(2)	(17)	(18)	0
Total Other Expenditures	\$ (95)	\$ (37)	\$ (115)	\$ (29)	\$ (44)	\$ (106)	\$ (25)	\$ (48)	\$ (44)	\$ (35)	\$ (42)	\$ (49)	\$ (670)	(664)	(5)
TOTAL EXPENDITURES	\$ (448)	\$ (478)	\$ (643)	\$ (594)	\$ (556)	\$ (577)	\$ (436)	\$ (609)	\$ (512)	\$ (556)	\$ (654)	\$ (723)	\$ (6,786)	\$ (6,687)	(99)
OTHER CHANGES IN CASH															
N.C.G.S 147-86.15 Cash Management															
Highway Fund	(100)	(30)	(30)	(20)	(20)	(20)	(20)	(15)	(15)						
Highway Trust Fund	100	30	30	20	20	20	20	15	15						
Total Cash Management Transfers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Working capital changes	\$ (30)	\$ (48)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
	\$ (30)	\$ (48)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
NET CHANGE IN CASH	\$ 3	\$ 23	\$ (79)	\$ (64)	\$ (66)	\$ (117)	\$ 61	\$ (78)	\$ 70	\$ (76)	\$ (185)	\$ (186)			
CLOSING CASH BALANCE	\$ 2,016	\$ 2,039	\$ 1,959	\$ 1,895	\$ 1,829	\$ 1,712	\$ 1,773	\$ 1,695	\$ 1,765	\$ 1,689	\$ 1,504	\$ 1,318			

Approved Spend Plan Versus Actuals August 2021

Source: FPC/Baseline Forecast/Cash Model SFY2022_Baseline Approved 7/1/21

	7/1/21 Approved			Actuals			% Δ	\$ Δ
	Jul-21	Aug-21	YTD	Jul-21	Aug-21	YTD	YTD	YTD
	1	2	SFY2022	1	2	SFY2022	SFY2022	SFY2022
OPENING CASH BALANCE	\$1,849	\$1,760		\$2,013	\$2,016			
REVENUES								
State revenues	\$ 341	\$ 356	697	\$ 342	\$ 343	\$ 685	-2%	\$ (12)
Federal aid	60	93	153	66	141	207	35%	54
Federal aid - InfraGrant	9	7	16	1	3	4	-73%	(12)
Turnpike Federal Aid			-	0	0	0		0
Other	16	16	32	16	12	29	-11%	(3)
	425	472	897	425	500	924	3%	27
GARVEE REIMBURSEMENT FROM TRUSTEE	23	12	35	8	17	24	-31%	(11)
BUILDNC REIMBURSEMENT FROM TRUSTEE	38	35	73	49	32	81	11%	8
TOTAL REVENUES & OTHER RECEIPTS	\$ 486	\$ 519	\$ 1,005	\$ 481	\$ 549	\$ 1,030	2%	\$ 24
CONSTRUCTION EXPENDITURES								
Garvee Expenditures	(64)	(64)	(128)	1	(40)	(39)	-69%	89
Garvee Debt Service	-	(30)	(30)	-	(22)	(22)		8
Division of Mitigation Services (Formerly EEP)	(15)	-	(15)	13	(0)	13	-185%	27
BUILDNC Expenditures	(39)	(42)	(81)	(35)	(43)	(78)	-4%	3
BUILDNC Debt Service	-	-	-	-	-	-		-
Strategic Transportation Initiative	(64)	(88)	(152)	(74)	(104)	(179)	17%	(26)
NC Mobility Fund	-	-	-	(0)	(0)	(0)		(0)
TIP	(101)	(108)	(208)	(103)	(50)	(153)	-27%	56
TIP - Infragrant	(7)	(5)	(12)	(1)	(16)	(17)	45%	(5)
Turnpike Authority	(0)	(0)	(0)	(0)	(1)	(1)	344%	(1)
Internal Orders	(1)	(1)	(2)	(7)	11	4	-298%	6
CMAQ	(5)	(5)	(9)	(5)	(2)	(7)	-25%	2
Total Construction	\$ (295)	\$ (343)	\$ (638)	\$ (210)	\$ (269)	\$ (479)	-25%	\$ 159

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Approved Spend Plan Versus Actuals August 2021

Source: FPG/Baseline Forecast/Cash Model SFY2022_Baseline Approved 7/1/21

	7/1/21 Approved			Actuals			% Δ	\$ Δ
	Jul-21	Aug-21	YTD	Jul-21	Aug-21	YTD	YTD	YTD
	1	2	SFY2022	1	2	SFY2022	SFY2022	SFY2022
MAINTENANCE EXPENDITURES								
Other Construction - Secondary Roads	(1)	(1)	(2)	(1)	(1)	(2)	-14%	\$ 0
Other Construction - Spot Safety Improvements	(1)	(1)	(3)	(1)	(1)	(2)	-24%	\$ 1
Other Construction - Contingency	(1)	(1)	(2)	(1)	0	(1)	-66%	\$ 1
Other Construction - Mobility/Modernization	(4)	(4)	(7)	(1)	(4)	(5)	-27%	\$ 2
General Maintenance Reserve	(25)	(28)	(53)	(30)	(34)	(64)	21%	\$ (11)
Contract Resurfacing	(70)	(76)	(146)	(50)	(64)	(114)	-22%	\$ 32
Roadside Environmental	(8)	(9)	(16)	(6)	(9)	(15)	-9%	\$ 1
Pavement Preservation	(9)	(11)	(20)	(9)	(6)	(16)	-23%	\$ 5
Bridge Program	(26)	(30)	(56)	(11)	(13)	(23)	-59%	\$ 33
Bridge Preservation	(7)	(8)	(14)	(5)	(4)	(9)	-36%	\$ 5
Undeclared Disaster Funding Including Snow and Ice	(7)	(9)	(16)	(1)	(1)	(2)	-86%	\$ 14
Disaster Funding - FEMA	(5)	(6)	(11)	(2)	(6)	(8)	-27%	\$ 3
Total Maintenance	\$ (164)	\$ (184)	\$ (348)	\$ (118)	\$ (143)	\$ (261)	-25%	\$ 86
OTHER MODES								
Public Transportation	(20)	(15)	(34)	(14)	(21)	(35)	1%	\$ (0)
Public Transportation - New Starts	(4)	(3)	(7)	-	-	0	-100%	\$ 7
Ferry Operations	(6)	(7)	(13)	(4)	(4)	(8)	-36%	\$ 5
Railroad program	(4)	(7)	(11)	(3)	(1)	(5)	-54%	\$ 6
Airports	(7)	(7)	(14)	(3)	(2)	(5)	-64%	\$ 9
Total Other Modes	\$ (41)	\$ (38)	\$ (79)	\$ (25)	\$ (28)	\$ (53)	-32%	\$ 26
OTHER EXPENDITURES								
Administration	(13)	(37)	(50)	(20)	(23)	(42)	-15%	\$ 8
Transfers to Other State Agencies	-	-	-	(13)	(0)	(13)		(13)
Transfers to General Fund/NCTA - GAP Funds	(61)	(12)	(73)	(61)	(12)	(73)	0%	-
State aid to municipalities	-	-	-	-	-	-		-
Debt Service	-	-	-	-	-	-		-
Other Programs	(2)	(2)	(3)	(1)	(2)	(3)	-7%	0
Total Other Expenditures	\$ (76)	\$ (51)	\$ (127)	\$ (95)	\$ (37)	\$ (132)	4%	\$ (5)
TOTAL EXPENDITURES	\$ (576)	\$ (615)	\$ (1,191)	\$ (448)	\$ (478)	\$ (926)	-22%	\$ 265
OTHER CHANGES IN CASH								
Working capital changes			\$ -	\$ (30)	\$ (48)	\$ (78)		(78)
	\$ -	\$ -	\$ -	\$ (30)	\$ (48)	\$ (78)		
NET CHANGE IN CASH	\$ (90)	\$ (96)	\$ (185)	\$ 3	\$ 23	\$ 26	-114%	\$ 211
CLOSING CASH BALANCE	1,760	1,664		2,016	2,039			

YTD Variance – 10%-20% Highlighted in Orange

20%+ Highlighted in Red

Spend Plan Variance

- GARVEE Expenditures, Build NC Expenditures, TIP and STI -21% Variance (-\$57M). Construction projects are progressing slower than projected. Factors contributing to this are labor shortages and material availability (long lead times).
- Division of Mitigation Services (Formerly EEP) -185% Variance (-\$27M) and Strategic Transportation Initiative (STI) 16% Variance (\$10M). \$12.5M of expenses related to Mitigation Services has been transferred to STI WBS elements. The process has changed based on a work group analysis.

Spend Plan Variance

Maintenance & Operations -25% \$86M

- Spend Targets are based on an entire FY using the Continuation Budget. While detailed monthly spends are challenging to predict, all spending is monitored. Plans are being made for revised spend targets in anticipation of the approved certified budget, but projects cannot move forward until a Spend Plan Amendment is approved.
- Department Contract Programs (Contract Resurfacing, Pavement Preservation, Bridge Program) are forecast by a statistical modeling tool based on active projects. Programs are monitored and adjustments will be proposed as part of the quarterly amendment process.
- Labor shortages are having an impact on project spends. Some contractors are operating at 75% of normal levels because of difficulties hiring staff.

Spend Plan Variance

Modal Divisions – Spend Plans were built on the assumption of a certified budget

- IMD – IMD is within 1% of their spend target for non-CATS Blue Line Extension funds. The BLE \$25m payment is scheduled to be paid in September.
- Ferry Division -36% (-\$5M) – Given ferry proposed budget changes in S105 the Division has restricted spending awaiting final budget approval.
- Rail Division -54% (-\$6M) – State funds: FRRCSI is experiencing reduced invoicing due to a delay in construction materials for participating short lines. Amtrak billing is experiencing a short-term reduction in costs due to applied federal recovery funds. Local funds on CGS have experienced delay in invoicing from the railroad contractor.
- Aviation Division -64% (-\$9M) – Airport construction projects continue to experience supply chain issues and personnel shortages.

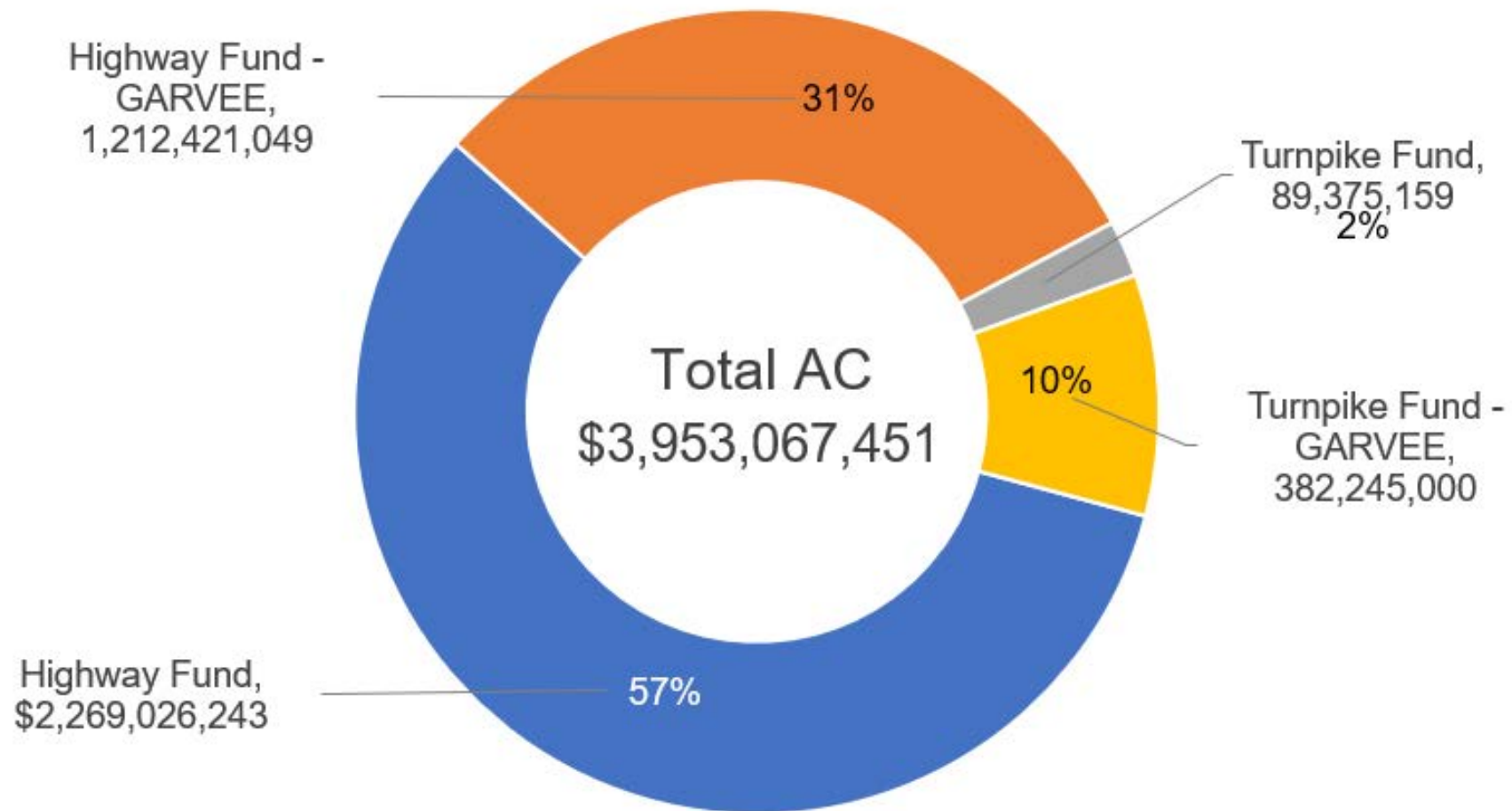
Advance Construction

Funding Source	Unreimbursed Expenditures as of September 13, 2021	Apportionment in FY 2021	Within Prescribed Limit?
National Highway Performance Program (NHPP)*	\$228,754,772	\$617,105,947	YES
Surface Transportation Block Grant (STBG)**	\$58,662,989	\$293,032,495	YES
Highway Safety Improvement Program (HSIP)	\$50,333,595	\$57,600,457	YES

*Includes Interstate Maintenance, National Highway System Program balances

**Includes bridge replacement balance

Advance Construction Balance as of August 2021



Advance Construction

Funding Source	AC Amount - Sept. 13, 2021	Allowable AC amount FY 2021***	Within Prescribed Limit?
National Highway Performance Program (NHPP)*	\$1,819,076,304	\$2,468,423,788	YES
Surface Transportation Block Grant (STBG)**	\$342,946,137	\$1,172,129,980	YES
Highway Safety Improvement Program (HSIP)	\$153,949,767	\$230,401,828	YES

*Includes Interstate Maintenance, National Highway System Program balances

**Includes bridge replacement balance

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

Questions?



Stephanie King
Chief Financial Officer

sjking@ncdot.gov



NORTH CAROLINA

Department of Transportation



Powell Bill Program

Dr. Majed Al-Ghandour, Ph.D., PE, CPM, M.ASCE



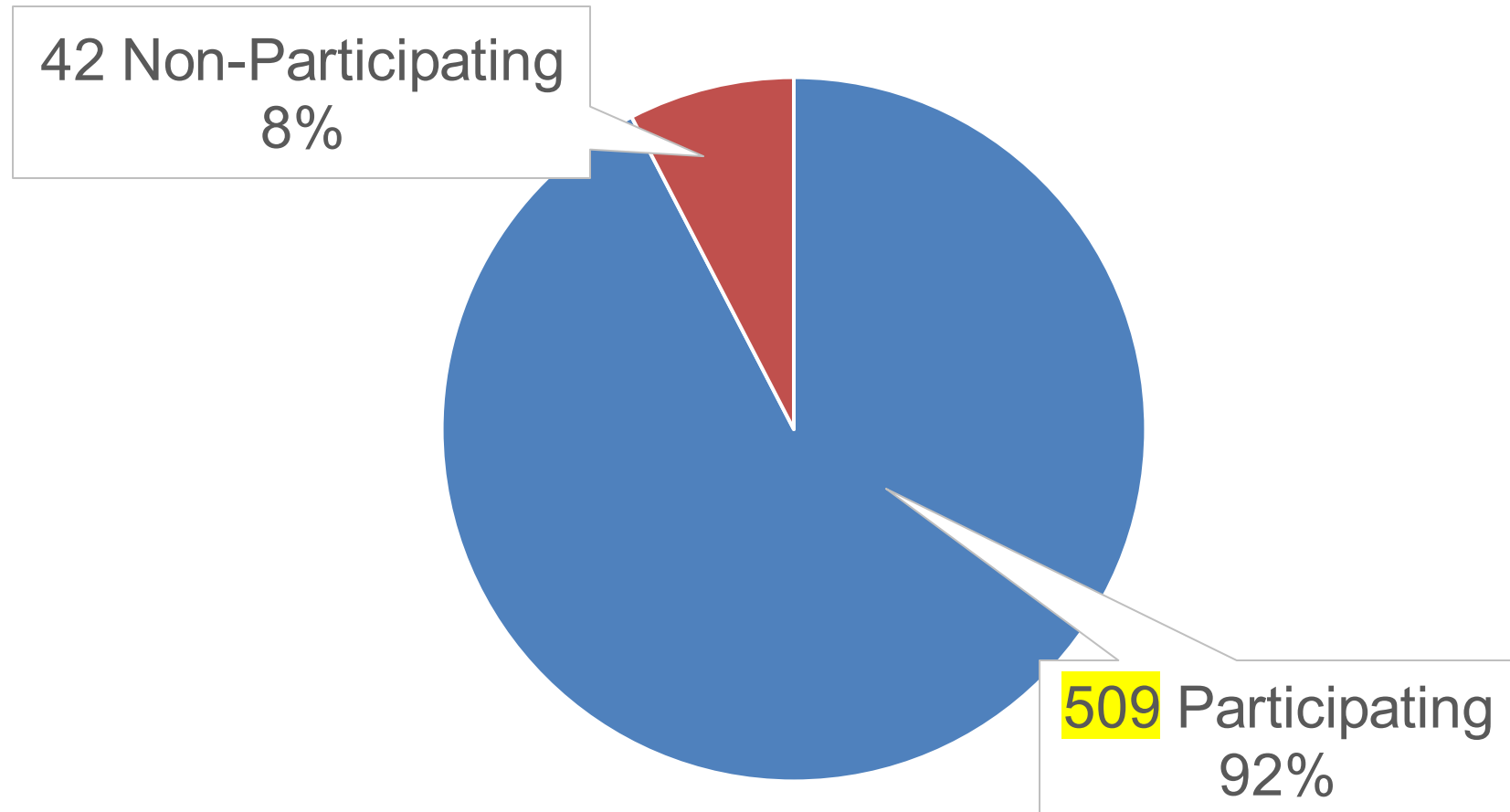
**NCDOT BOARD OF TRANSPORTATION
FINANCE COMMITTEE**

OCTOBER 6, 2021

History of the Powell Bill Program

- NC G.S. 136-41, Law passed in 1951
- The goal was to provide financial assistance to municipalities for municipally-maintained streets
- State Senator Junius K. Powell, an attorney & former Mayor of Whiteville, led the signatures on the bill, hence the name of the “Powell Bill” Program
- First Powell Bill funds were distributed in the Fall of 1951 (\$4.5 million among 386 participating municipalities)

2021 Participating Municipalities



Qualification Requirements

Incorporated After January 1, 2000

- Has conducted **municipal elections** required by charter/general law
- Levied at least 5¢ per \$100 valuation of all taxable property within corporate limits and has collected at least 50% of the ad valorem tax levied from the preceding fiscal year
- Provides **at least 4** of these municipal services:
 - police protection
 - fire protection
 - water distribution
 - garbage and refuse collection or disposal
 - street construction, or right-of-way acquisition
 - street maintenance
 - street lighting
 - zoning

Total Appropriation: FY 2015-2020

Fixed appropriation from the State Highway Fund:

FY 2015-2016 – \$147.5M

FY 2016-2017 – \$147.5M

FY 2017-2018 – \$147.5M

FY 2019-2020 – \$147.5M

FY 2020-2021 – \$132.7M

FY 2021-2022 - ??

Allocation Formula – NCGS 136.41.1(a)

Population



75%



Certified Mileage



25%

Total funds available is split 75/25, then each amount divided by total population or total mileage to obtain a rate per capita and per mile.

2021/2022 Powell Bill Appropriation

FY2021 Continuation Budget for October:

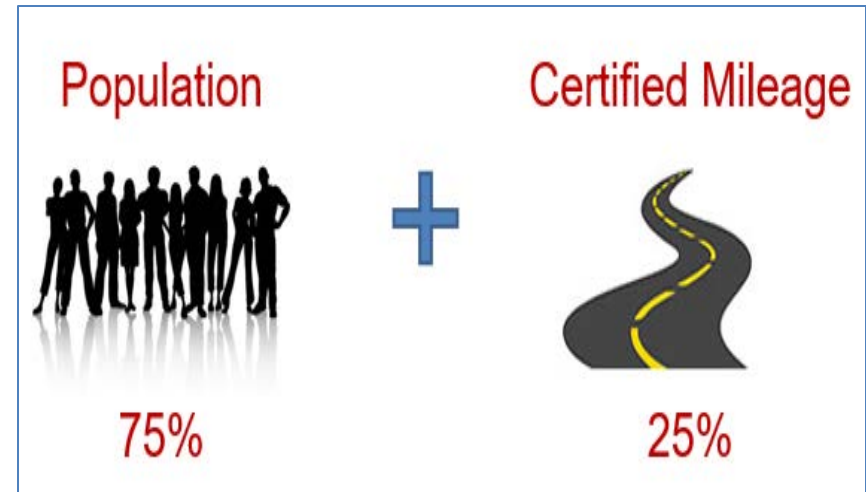
Total Powell Bill Funds available for **OCTOBER 2021:**
\$ 71,551,400.50*

(October 2021 Distribution):

Per Capita Rate	\$ 9.06
Per Mile Rate:	\$ 760.08

(2021/2022 Estimated Distribution):

Per Capita Rate	\$ 18.12
Per Mile Rate:	\$ 1,520.17



* Based on \$143,102,801: The net allocation numbers were detailed on our final PB report on the web.

2020/2021 Powell Bill Appropriation

- 1 Adjust and Apply 2/3 for Municipalities
(Population \geq 400,000)



- 2 Remaining Funds for Municipalities
(Population $<$ 400,000)

Follow allocation formula – NCGS 136-41.1(a)

Per Capita Rate:	\$ 18.77
Per Mile Rate:	\$ 1,418.98

2019/2020 Powell Bill Fund

Total FY 2019-20 Powell Bill Funds Available:

\$147,544,576.01

Population (75%):

$$\begin{aligned} \$110,658,432.01 &\div 5,718,347 \text{ people} \\ &= \underline{\$19.35 \text{ per capita}} \end{aligned}$$

Mileage (25%):

$$\begin{aligned} \$36,886,144.00 &\div 23,186.62 \text{ miles} \\ &= \underline{\$1,590.84 \text{ per mile}} \end{aligned}$$

Status of 2021/2022 Distribution

- Distribution of \$ 71,596,812.17 only for **October 2021** to 509 municipalities for 2021 has been completed.
-

Largest and Smallest Recipients

	Municipality	County	Population	Miles	Only October Appropriation
Largest	Charlotte	Mecklenburg	876,694	2,553.8	\$9,885,758.89
Smallest	Falkland	Pitt	47	0.05	\$463.92

Proposed Legislation

<https://www.ncleg.gov/Sessions/2021/Bills/Senate/PDF/S105v6.pdf>

2021 Appropriations Act

- S105 – Edition 6, Last Action: 8/19/2021

Highway Fund	FY 2021-2022	FY 2022-2023
Aid to Municipalities		
Powell Bill	154,875,000	204,875,000

No Changes to Powell Bill Payment Schedule

Proposed budget has not passed –

The 1st Powell Bill Allocation will be based on the Continuation Budget numbers as approved by NCDOT Fiscal = **\$71,551,400.50**, paid prior to October 1st

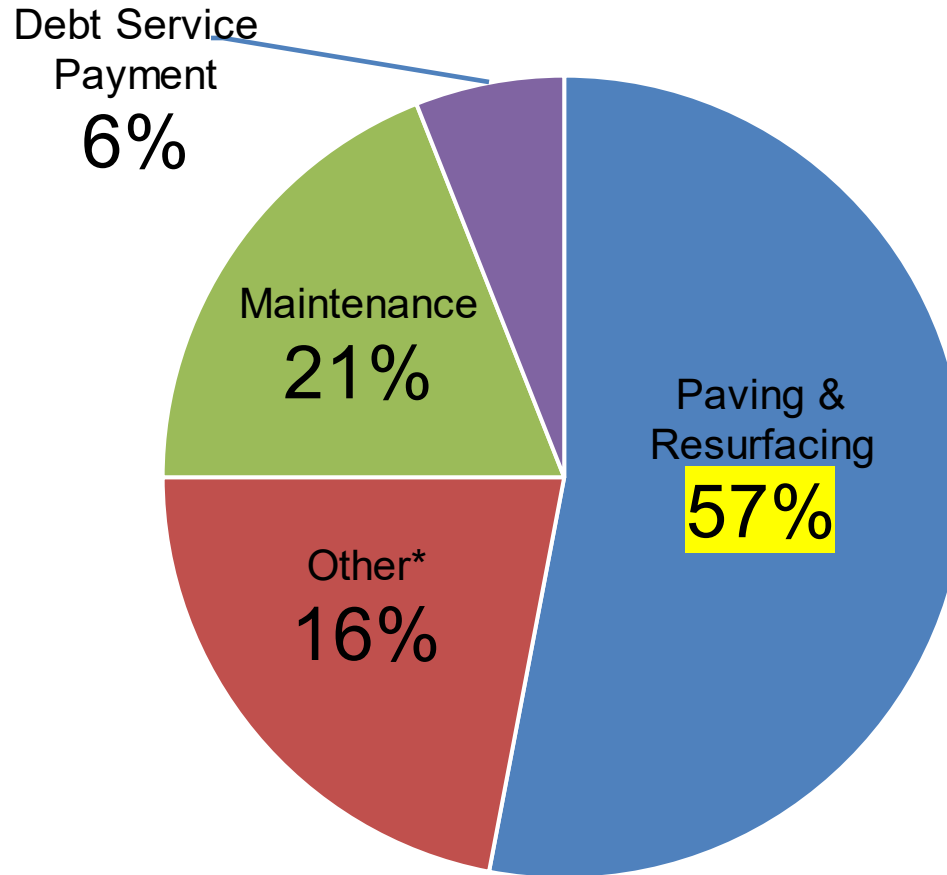
Eligible Activities

- ❑ *SL 2015-241, Section 29.17D.(b) requires Powell Bill funds to be used primarily for contract resurfacing.
- ❑ Maintaining, repairing, constructing, reconstructing or widening of any streets or bridges
- ❑ Planning, construction, and maintenance on streets, sidewalks, bikeways, and greenways such as:
 - Curb and gutter
 - Storm drainage
 - Patching
 - Resurfacing*
 - Widening
 - Snow removal
 - Sand and debris removal resulting from natural causes
 - Street sweeping
 - Purchase or rental of equipment
- ❑ Traffic Control such as:
 - Purchase and maintenance of traffic control devices
 - Traffic signs for proper traffic control
 - Speed bumps
 - Traffic paint for on-street parking or crosswalks
 - Traffic cones
- ❑ Municipal Street Bond Debt Service such as:
 - Current payment of principal or interest due on bonds outstanding issued exclusively for streets and sidewalks.

Powell Bill Expenditures for FY 2021

Expense Type	Sum of Amount	Sum of Percentage
Paving & Resurfacing	\$78,509,121.21	57.10%
Maintenance	\$28,580,915.52	20.79%
Debt Service Payment	\$8,008,130.98	5.82%
Drainage & Storm Sewer	\$4,012,040.60	2.92%
Sidewalks	\$3,942,567.91	2.87%
Maintenance as part of Paving Project	\$2,659,823.51	1.93%
New Equipment	\$2,461,244.98	1.79%
Traffic Control	\$2,460,732.74	1.79%
Engineering	\$2,172,190.12	1.58%
Snow & Ice Removal	\$1,270,902.82	0.92%
Bridge Construction and Repair	\$1,163,735.42	0.85%
Curb & Gutter	\$739,939.62	0.54%
New Construction	\$661,047.65	0.48%
Right of Way	\$527,039.14	0.38%
Greenways	\$234,822.77	0.17%
TIP (Transportation Improvement Project)	\$60,069.06	0.04%
Bikeways	\$21,127.65	0.02%
Grand Total	\$137,485,451.70	100.00%

Powell Bill Expenditures for FY 2021



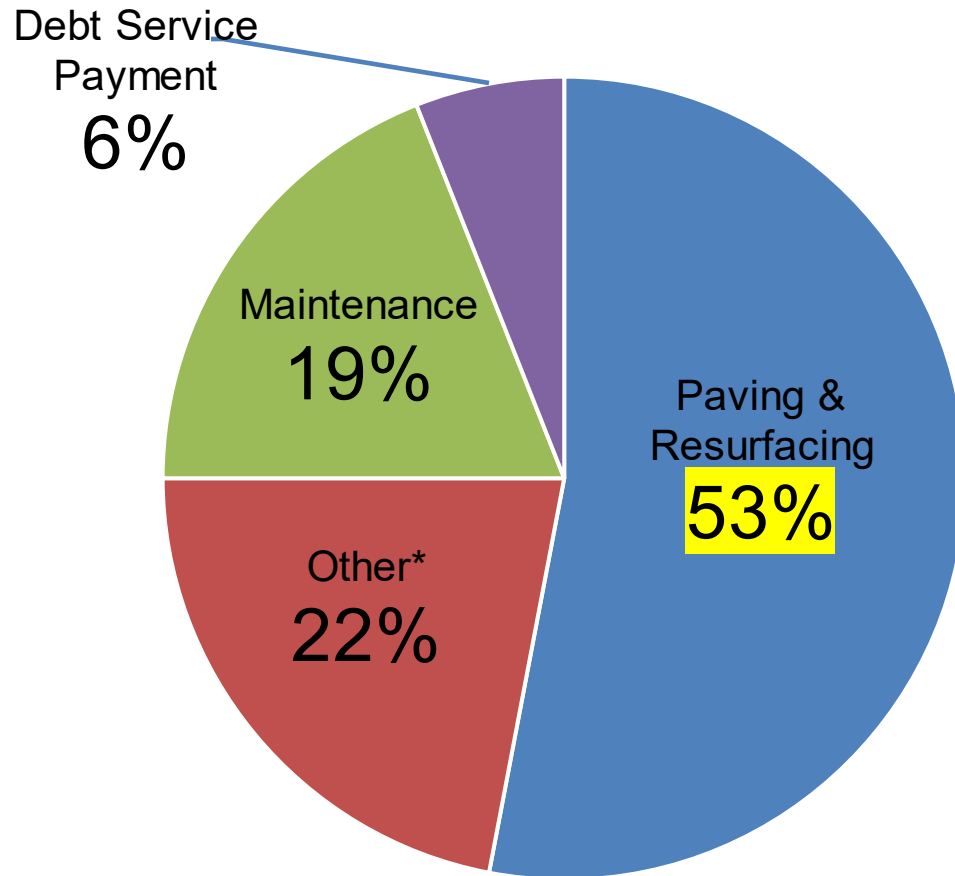
***Other:**

- Bridge Construction and Repair
- Curb & Gutter
- Drainage & Storm Sewer
- Engineering
- Greenways
- Maintenance as part of Paving Project
- New Construction
- New Equipment
- Sidewalks
- Snow & Ice Removal
- TIP (Transportation Improvement Project)
- Traffic Control

Powell Bill Expenditures for FY 2020

Expense Type	Sum of Amount	Sum of Percentage
Paving & Resurfacing	\$ 80,297,084.38	53%
Maintenance	\$ 28,926,044.53	19%
Debt Service Payment	\$ 8,379,648.87	6%
Maintenance as part of Paving Project	\$ 6,237,252.20	4%
New Equipment	\$ 4,918,625.62	3%
Drainage & Storm Sewer	\$ 4,601,658.06	3%
Sidewalks	\$ 4,348,776.93	3%
New Construction	\$ 3,668,967.57	2%
Traffic Control	\$ 3,104,358.31	2%
Bridge Construction and Repair	\$ 2,740,844.82	2%
Engineering	\$ 1,881,974.38	1%
Curb & Gutter	\$ 827,600.72	1%
Snow & Ice Removal	\$ 662,142.72	0%
Right of Way	\$ 324,509.54	0%
Greenways	\$ 245,293.60	0%
TIP (Transportation Improvement Project)	\$ 240,273.91	0%
Bikeways	\$ 123,022.84	0%
Grand Total	\$ 151,528,079.00	100%

Powell Bill Expenditures for FY 2020



***Other:**

- Bridge Construction and Repair
- Curb & Gutter
- Drainage & Storm Sewer
- Engineering
- Greenways
- Maintenance as part of Paving Project
- New Construction
- New Equipment
- Sidewalks
- Snow & Ice Removal
- TIP (Transportation Improvement Project)
- Traffic Control

Street Aid to Municipalities Requirements and Dates

IMPORTANT DATES TO REMEMBER

Certified Statement, street listing,
certified Powell Bill map, and
add/delete sheet (if applicable)



Powell Bill Expenditures Report
is statutorily due



Municipal Street Fiscal Data
Report is due



Board of Transportation – Item P

- Street changes within the corporate limits of a participating municipality that involve the State Highway System must be approved by the Board of Transportation
- Changes must be approved by Board prior to July 1st to be in affect for the following Powell Bill year
- Contact your local Division Engineer for assistance

Sample Item P

Item P
Page 1

NCDOT October 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	Kernersville	SR 2635; Clayton Forest Road	From NC 66 to end of maintenance	0.20

File Name: FORSYTH_2021_10_M001

10	MECKLENBURG	Charlotte	SR 1674; Sears Road	From US 29/74 (Wilkinson Boulevard) to end of maintenance	0.32
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File Name: MECKLENBURG_2021_10_M001

Total Miles = 0.52

Additions to the State Highway System

Division	County	Municipality	Road	Termini	Length
4	EDGECOMBE	Tarboro	Commerce Center Drive	From NC 122 (McNair Road) eastward for 0.13 miles	0.13

File Name: EDGECOMBE_2021_10_M001

Total Miles = 0.13

Contact Details

Email: NCDOT_PowellBill@ncdot.gov

Website: <https://connect.ncdot.gov/municipalities/State-Street-Aid/>

Staff:

Director Project Mgmt. & Powell Bill – Dr. Majed Al-Ghandour, Ph.D., PE, CPM, M.ASCE

Powell Bill Coordinator – Molly Stevens

Administrative Specialist – Jennie Bunton

Business Consultant – Terrie Glover

NCDIT – Transportation:

SAP (EBS) Support Services

Email: EBSSupport@ncdot.gov



HIGHWAYS COMMITTEE MEETING MINUTES DRAFT

DATE: 8/4/2021 TIME: 3:00 PM LOCATION: Room 150 and Via Microsoft Teams

MEETING CALLED BY	Chair Cullie Tarleton
BOARD ATTENDEES	Board Chair Mike Fox, Members Grady Hunt, Lisa Mathis, Stephen Rosenburgh, and Andy Wells

AGENDA TOPICS

1. Call to Order, Roll Call, Declaration of Quorum, Non-Conflict Statement and Consideration of the June 30 th Meeting Minutes – Chair Tarleton	
DISCUSSION SUMMARY	Chair Tarleton called the meeting to order, and declared a quorum was present. 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 June 30 th meeting be approved as submitted.
ACTIONS TAKEN	Chair Tarleton asked for a motion to approve the June 30, 2021, meeting minutes. Board Member Hunt made the motion to approve the minutes and Board Member Mathis provided the second. Members voted in favor of approving the minutes and the June 30, 2021, minutes were approved unanimously.
2. Highway Safety Improvement Program and Countermeasures, Mr. Kevin Lacy, PE, State Traffic Engineer, NCDOT Transportation Mobility & Safety Division	
DISCUSSION SUMMARY	<p>Mr. Kevin Lacy, State Traffic Engineer, provided a presentation about the Highway Safety Improvement Program and Countermeasures. Since 2005, the yearly fatalities on NC roadways have ranged from 1,225 in 2011 to 1,704 in 2007. In 2020, the number of fatalities was 1,649. The focus of the Highway Safety Improvement Program is on the highest causes of fatalities and serious injury crashes.</p> <p>Roadway departures include crashes that occur due to a driver leaving their lane of travel and include run-off-road, fixed object, head-on, rollover and sideswipe crash types. These account for 55% of the fatality and serious injury crashes, averaging about 10 per day. Intersections that have fatalities and serious injury crashes account for about 31% of the crashes, averaging about 6 per day. Pedestrian and Bike crashes account for about 18% of the fatality and serious injury crashes, averaging 2 per day.</p> <ul style="list-style-type: none">- 77% of speed crashes are lane departures



HIGHWAYS COMMITTEE MEETING MINUTES DRAFT

- 82% of unbelted crashes are lane departures
- 73% of alcohol crashes are lane departures
- 48% of distracted crashes are lane departures

Rural 2-lane routes account for 91.5% of fatalities on NC routes due to lane departures and 97.5% on secondary routes.

Countermeasures for lane departures include delineation, rumble strips, speed, shoulder maintenance, shoulder widening/paving, guardrail, superelevation, and curve improvements. The Department's goals are to keep vehicles on the roadway, provide a safer recovery and reduce crash severity.

Long life pavement markings have shown reductions in crashes of 13% and 18% for 4" and 6" lines, respectively. Chevron signs in curves have shown an overall reduction in crashes of 33%, for an average investment of \$2,500 per set. Rumble strips cost \$1,600 per mile (centerline) and \$3,200 per mile (edgeline). Rumble strips provide an average of 30% reduction in crashes.

Intersection crashes are crashes that occur at an intersection resulting in frontal impact between two vehicles, and includes angle, left turn, right turn and head on crash types. Frontal impact crashes are mostly in urban areas (78%). However, the frontal impact crashes with fatalities and serious injuries occur mostly in rural areas (67%). All-way stops are used as a countermeasure for frontal impact crashes. In addition, roundabouts, reduced conflict, signals, and medians and other strategies are also used.

All-way stops installations average \$20,000 and provide an overall reduction of 68%, with fatal and injury crashes being reduced by 77%. Reduced conflict improvements limit left turn movements and have shown crash reductions of 59%, with fatal and injury crashes reduced by 71%.

Roundabouts have shown an overall reduction in crashes of 46%, with fatal and injury crashes reduced by 75%.

Pedestrian and bike crashes are crashes that occur with pedestrians and bicyclists that lack physical protection from other vehicles. Seventy-nine percent (79%) of pedestrian and bike crashes occur in urban areas. Sixty-nine percent (69%) of fatal and serious injury pedestrian/bike crashes occur at night. Seventy-six percent (76%) occur away from intersections.

Strategies for pedestrian and bike crashes include making sure that the pedestrians have the visibility to be seen by drivers through the use of signs, markings, lighting and flashing beacons. Refuge islands, marked crosswalks, lead pedestrian intervals at signals and separate facilities are also used as effective strategies for pedestrians and cyclists. Pedestrians need to be where drivers expect them to be.



HIGHWAYS COMMITTEE MEETING MINUTES

DRAFT

ACTIONS TAKEN	NONE TAKEN
3. ArTEMIS Maintenance Data Update, Ms. Kristin Barnes, PE, Acting Director of Highway Operations, NCDOT Chief Engineer's Office and Mr. Doug McNeal, PE, Division Maintenance Engineer, NCDOT Division 5	
DISCUSSION SUMMARY	<p>Ms. Kristin Barnes of the Chief Engineer's Office and Mr. Doug McNeal, Division 5 Maintenance Engineer provided an update to the ArTEMIS Maintenance Intelligence Solutions application and provided details regarding maintenance data that is currently being mapped. ArTEMIS is an initiative that is designed to build a framework to improve business processes and provide data to support decisions related to asset management. The goal is to have route-based work accomplished and cost associated with all maintenance work functions.</p> <p>Data that is currently being tracked in real-time includes Guardrail Damage Assessments and ADA Curb Ramp Compliance. The tracking allows the Division to track the status of current guardrail sites, whether repairs or improvements are needed or have been made, and documents conditions utilizing pictures. It also provides a mechanism to analyze historical data for potential causes of damage and support for potential design improvements where there are reoccurring damage sites.</p> <p>Use of the data to identify repair sites has increased the efficiency in replacing or making repairs and reduced the Department's liability.</p> <p>Other GIS data tracking initiatives include planning for contract resurfacing, dead animal pick up, and litter pick up. ArTEMIS provides a mechanism to capture and explain the work that the Department does and provides statewide consistency with its implementation.</p>
ACTIONS TAKEN	NONE TAKEN
4. ADJOURNMENT	Chair Tarleton adjourned the meeting.



HIGHWAYS COMMITTEE AGENDA

BOARD OF TRANSPORTATION OCTOBER 6, 2021

TIME: 9:15 AM – 10:15 AM

LOCATION: Microsoft TEAMS Meeting

TOPIC	PRESENTER	TIME
Call to Order Roll Call Declaration of Quorum Approval of August 4, 2021 Meeting Minutes	Mr. Cullie Tarleton, Chairman	9:15 AM
Traffic Noise Policy Overview and Proposed Changes	Ms. Missy Pair, PE, Traffic Noise & Air Quality Group Leader, NCDOT Traffic Noise & Air Quality	9:20 AM
Roadside Management: Vegetation	Mr. David Harris, PE, State Roadside Environmental Engineer, NCDOT Roadside Environmental Unit	9:45 AM
Other Discussion	Mr. Cullie Tarleton	10:10 AM
Adjourn	All	10:15 AM



NORTH CAROLINA Department of Transportation



Roadside Management - Vegetation

Roadside Environmental Unit

David Harris, PE

State Roadside Environmental Engineer

October 6, 2021

Vegetation Management

- Overview
- Management Strategies
- Expenditures
- Monitoring
- Issues



Overview



Vegetation Management

- Approximately - 300,000 acres of managed right of way



Management Strategies

- Mechanical
- Herbicides
- Biological



Mechanical

- Mowing
- Long Arm
- String Trimming
- Brush & Tree Chipping



Herbicide

- Turf
- Brush and Tree
- Invasive Weed Control
- Aquatic Weed Control



Biological

- Wildflower Beds
- Landscape Plantings
- Low Growing Turf



Biological

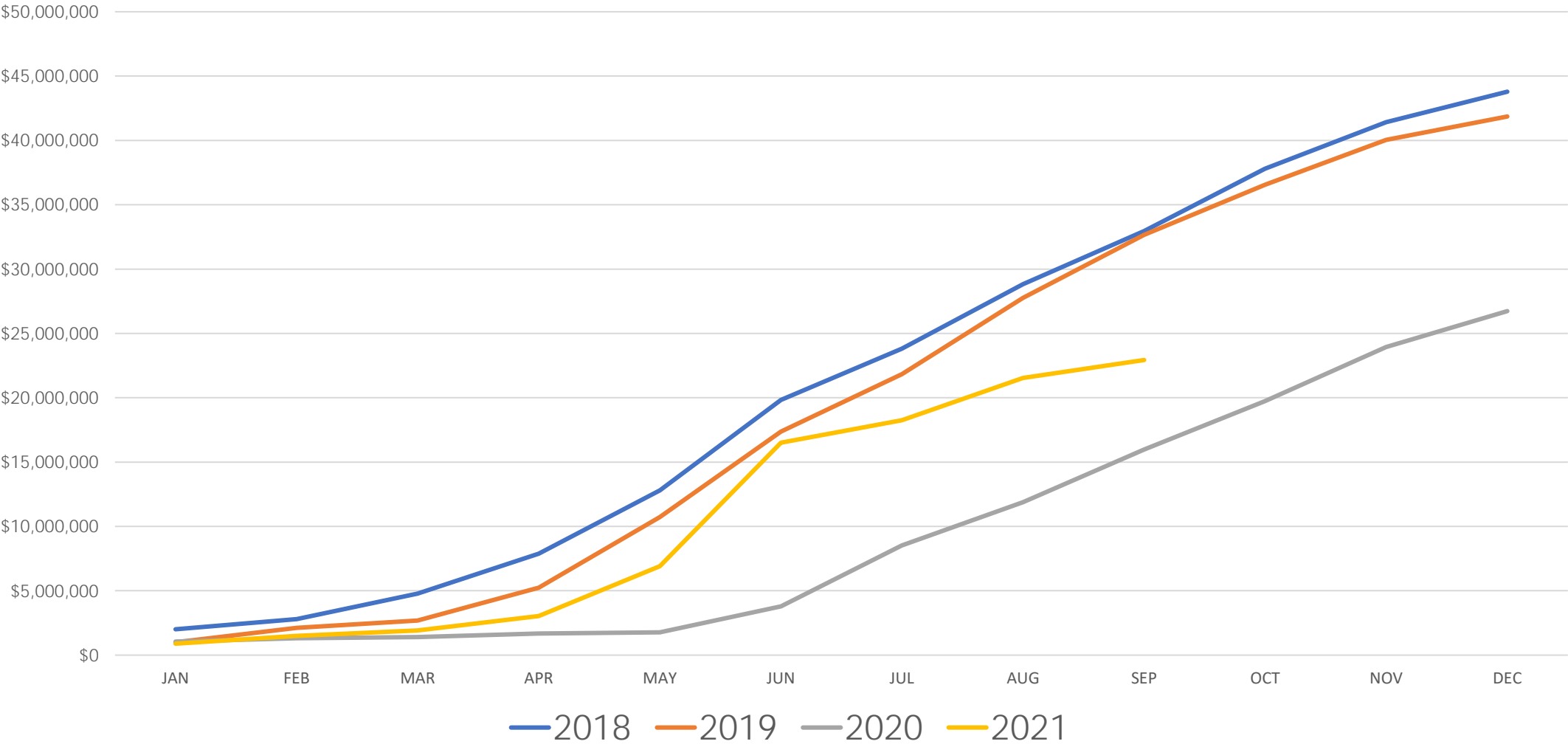
– Zoysia Turf



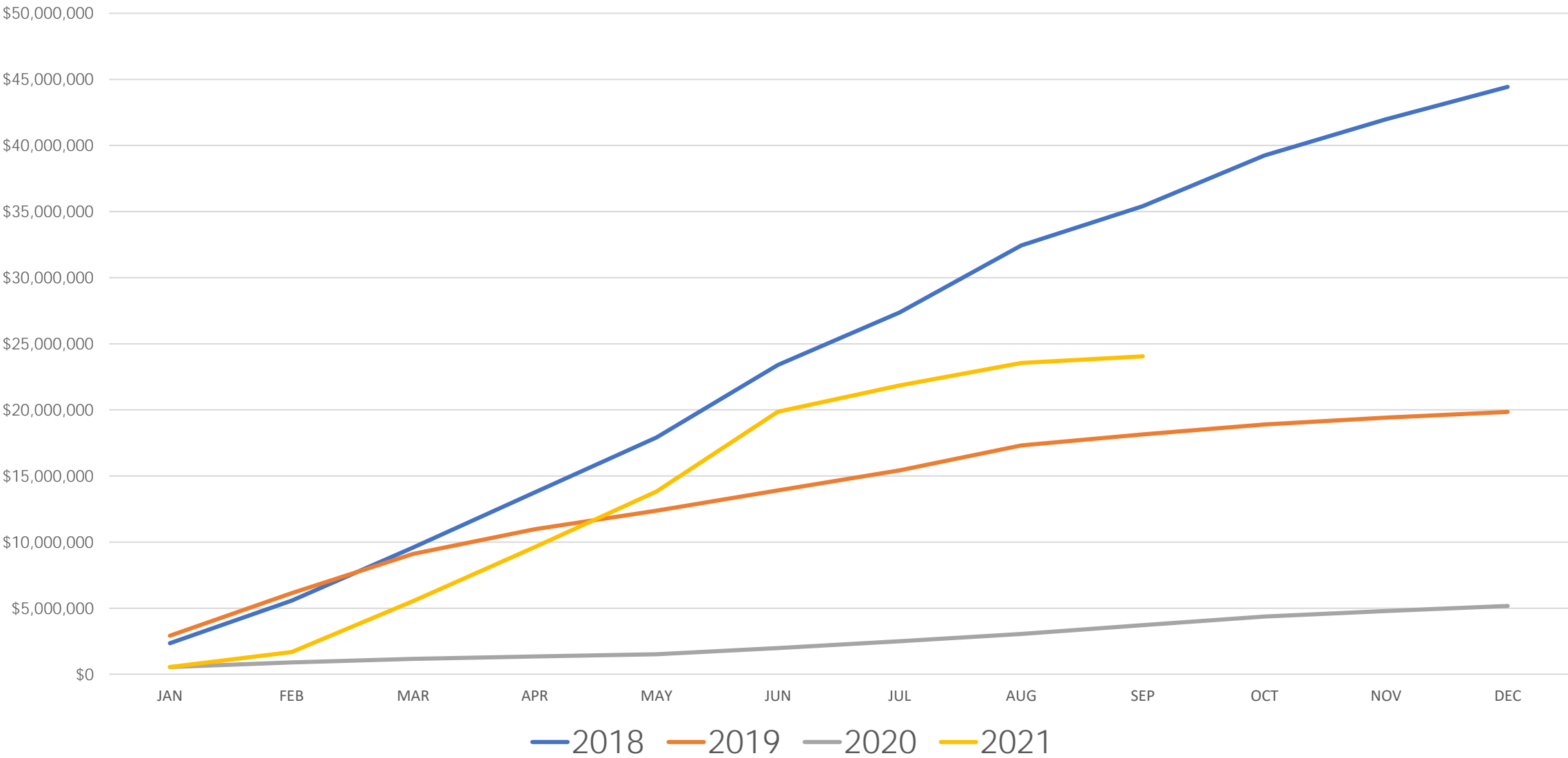
Vegetation Management - Expenditures

Roadside Management	Calendar Years			
	2018	2019	2020	2021
Brush and Tree	\$44,441,191.64	\$19,852,792.36	\$5,160,830.78	\$24,054,105.15
Litter Management	\$17,196,938.97	\$15,477,031.94	\$6,117,770.78	\$10,348,448.15
Mowing Operations	\$43,786,988.40	\$41,858,986.68	\$26,731,687.72	\$22,937,969.18
Stationary Objects	\$8,015,210.76	\$7,369,841.78	\$2,346,606.62	\$5,837,722.06
Turf Management	\$2,389,073.77	\$872,717.60	\$443,144.53	\$1,330,786.53
Grand Total	\$115,829,403.54	\$85,431,370.36	\$40,800,040.43	\$64,509,031.07

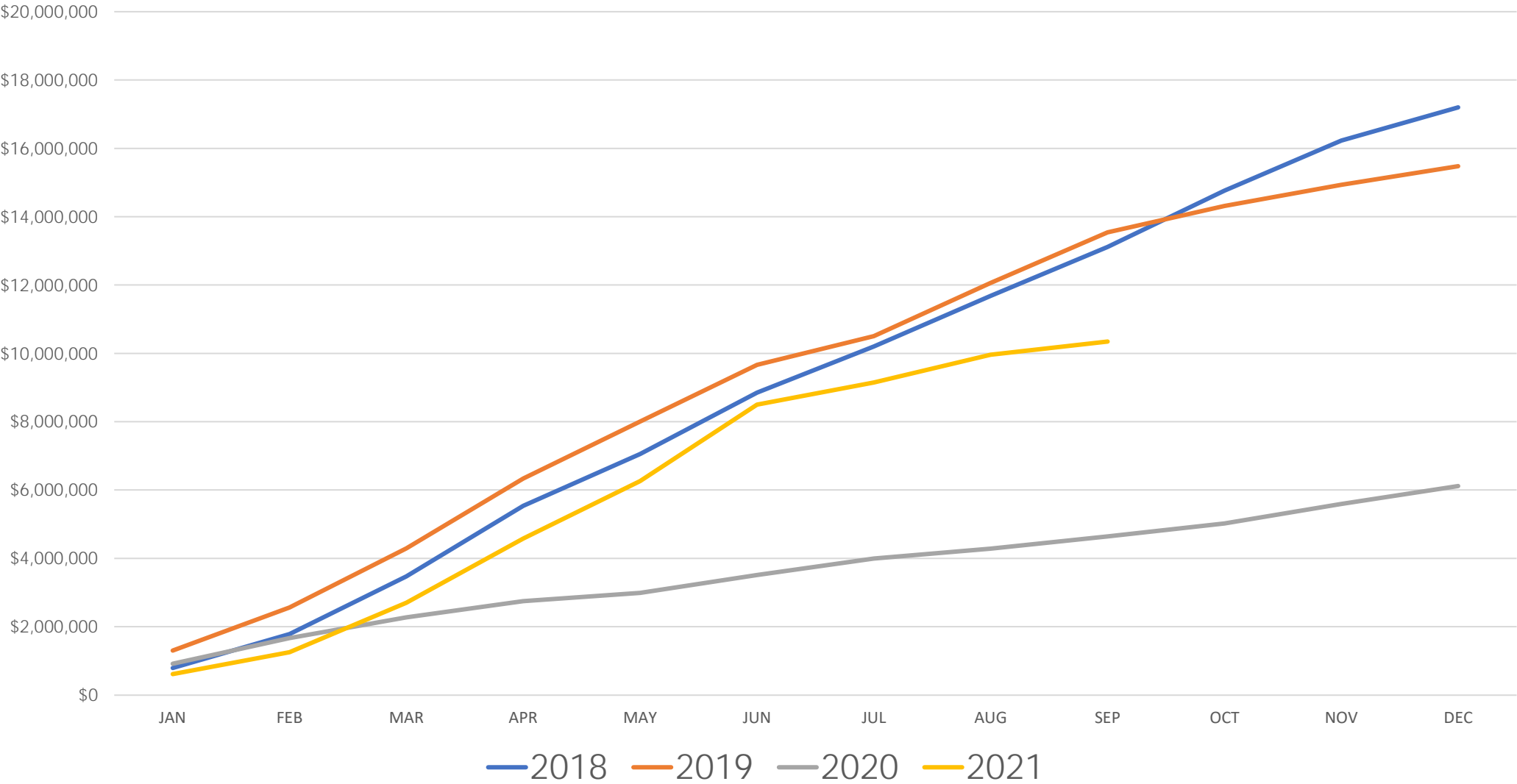
Vegetation Management – Mowing



Vegetation Management – Brush and Tree



Vegetation Management – Litter



Monitoring



Monitoring

3 – Condition
Good

2 – Condition
Acceptable

1 – Condition
Unacceptable

Monitoring Categories

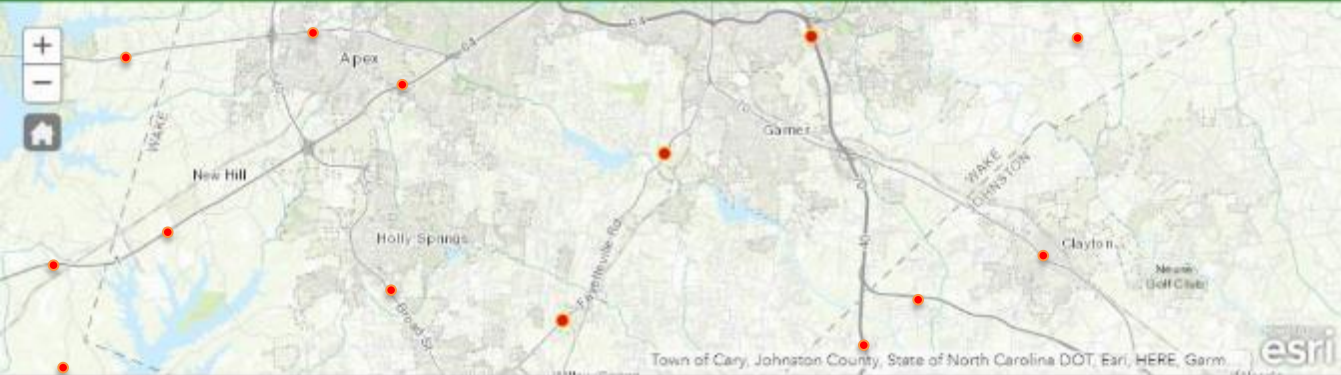
- Mowing Cycle
- Litter Cycle
- Stationary Object Cycle
- Turf Management (Herbicide)
- Brush and Tree Cycle

Monitoring

NCDOT Roadside Evaluation

Survey123 for ArcGIS

Overview Design Collaborate Analyze **Data**



surveyPoint (3 features, 0 selected)

Date	Time	Division	County	Road System	Interstate	Primary
Jun 30, 2017	14:22	5	Wake	Interstate	I-40	
Jun 30, 2017	15:07	5	Wake	Primary		US-401
Jun 30, 2017	15:14	5	Wake	Primary		US-401

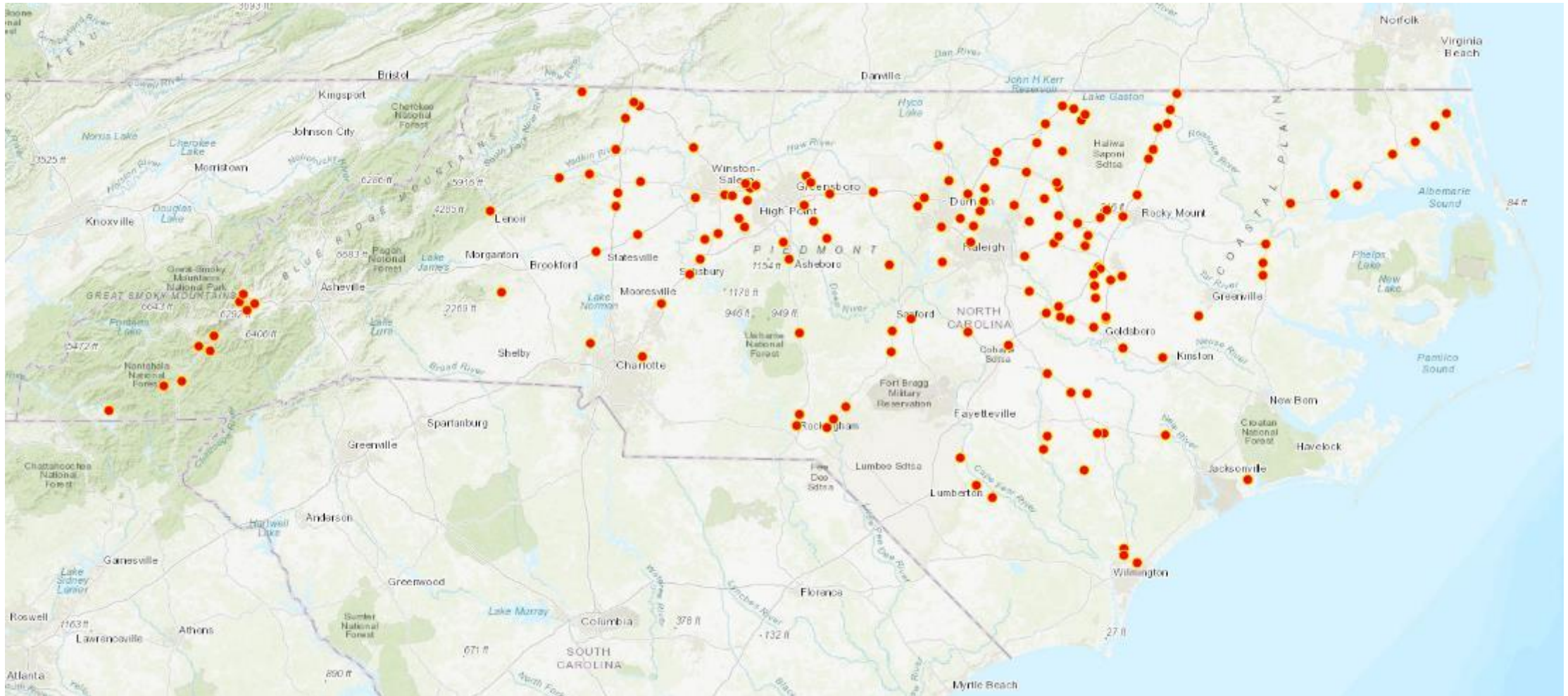
Open in Map Viewer Expand Table ☒ Show Individual Response 6/30/17 - 6/30/17 CSV Download



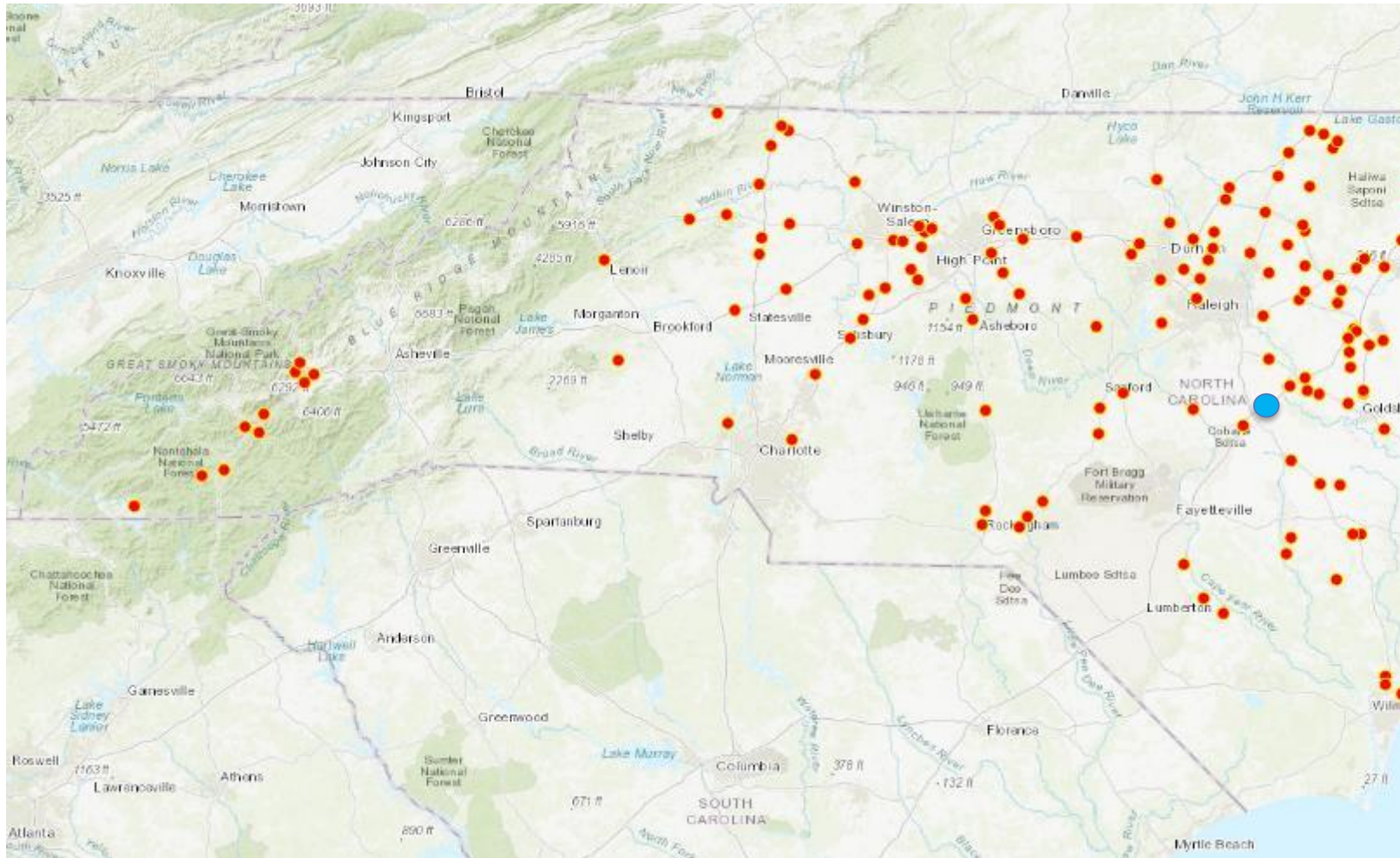
Roadside Management - Monitoring



Monitoring – Labor Day 2021



Monitoring



Roadside Image

Image 1



photo_1-20210914-13...

Image 2



photo_2-20210914-13...

Issues

- Mechanical
- Herbicides
- Biological



Mechanical Issues

- Safety
- Aesthetics
- Regrowth



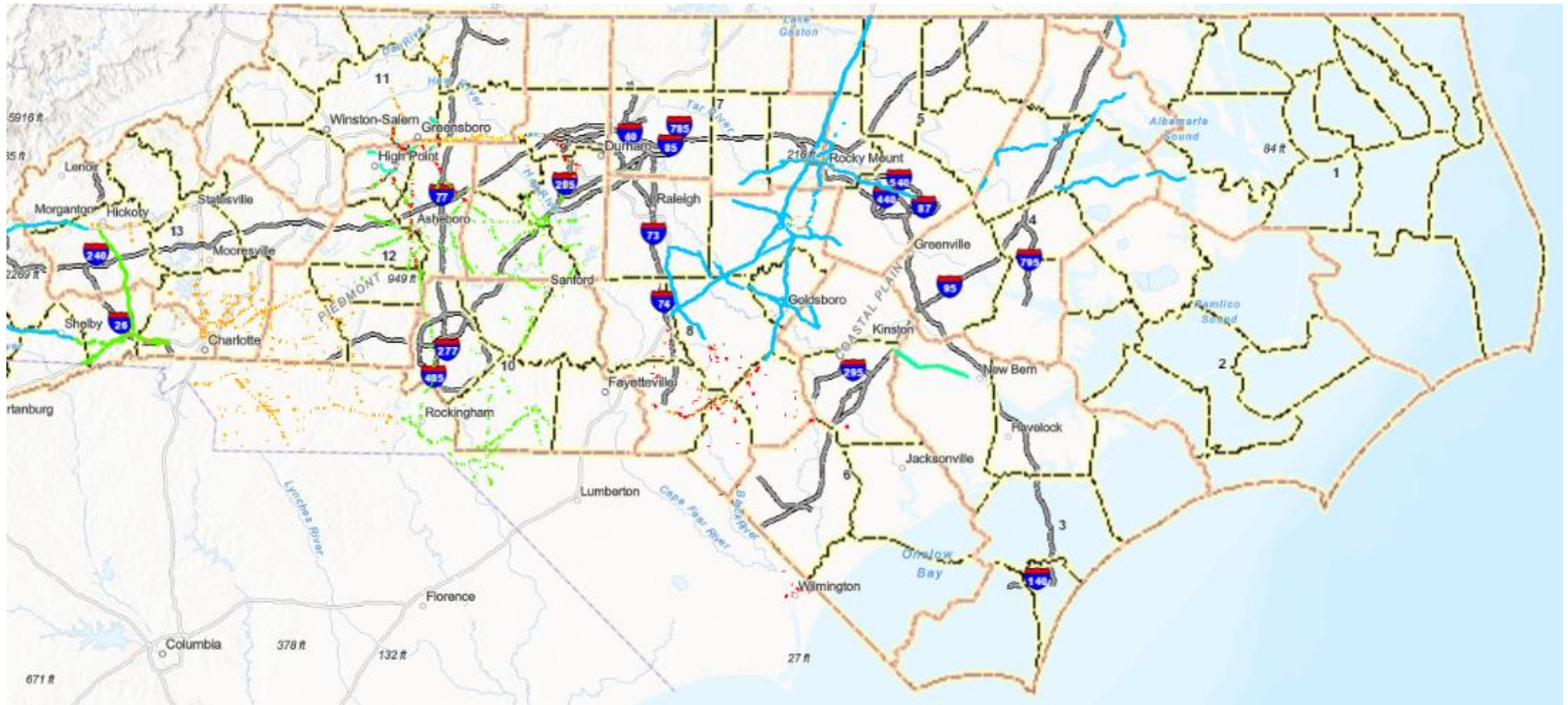
Herbicide

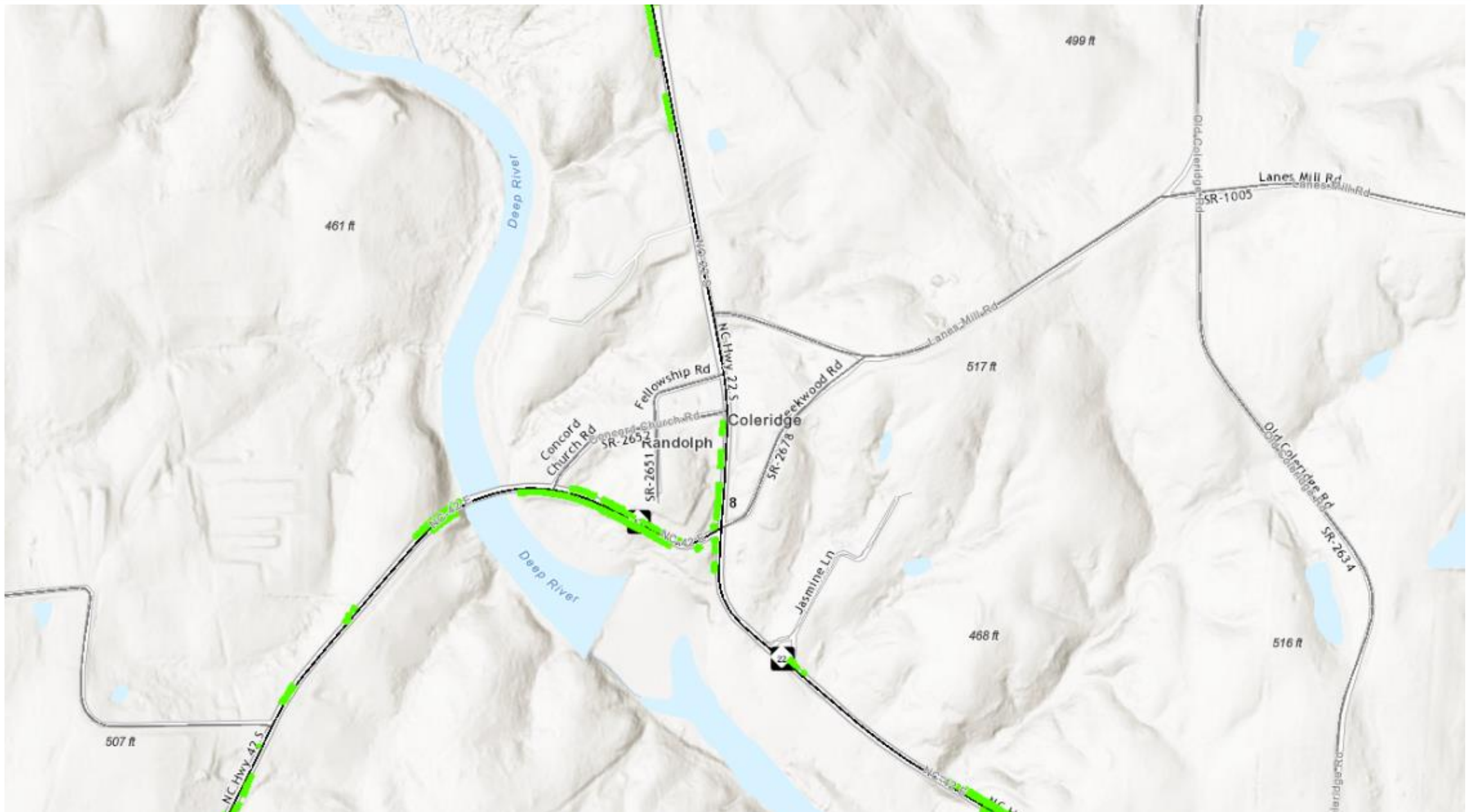
- Brown Out
- Public Perception
- Invasive Weed Control

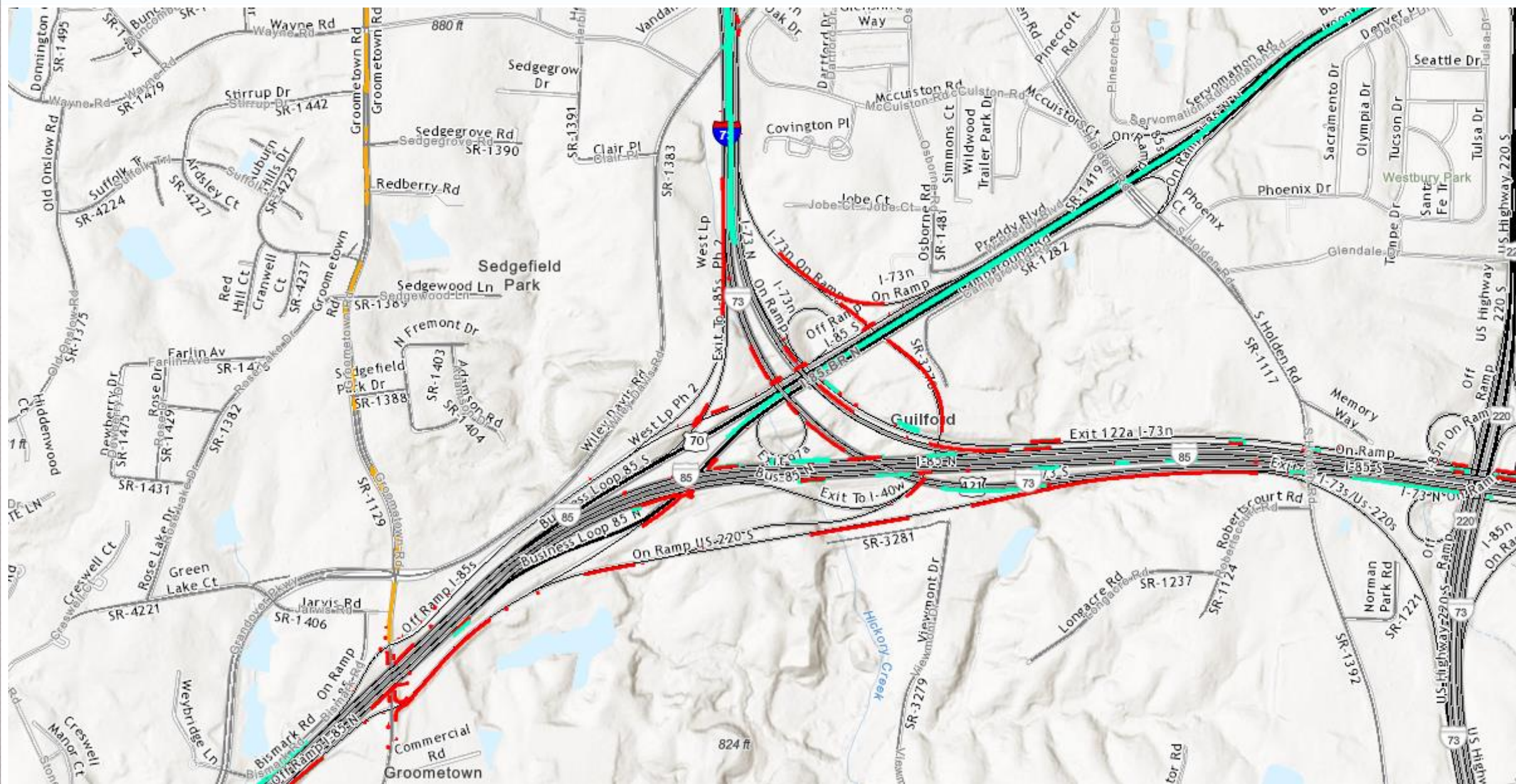












Biological

- Cost and Time to Establish
- Long Term Maintenance





David Harris, PE
State Roadside Environmental Engineer
(919)707-2925
DavidHarris@ncdot.gov



NORTH CAROLINA Department of Transportation



Traffic Noise Policy Overview and Proposed Changes BOT Highways Committee

Missy Pair, PE, Traffic Noise & Air Quality Group

October 6, 2021





NCDOT Traffic Noise Policy and Manual

FEDERAL REGULATION:

23 CFR 772

PROCEDURES FOR ABATEMENT OF HIGHWAY TRAFFIC NOISE AND CONSTRUCTION NOISE

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TRAFFIC NOISE POLICY



Effective Date: October 6, 2016



North Carolina Department of Transportation

Traffic Noise Manual

Effective Date: October 6, 2016

North Carolina Department of Transportation

Revision Date: January 27, 2017

Traffic Noise Policy Overview

When we
conduct noise
studies (Type I
Projects)

How we
predict noise
and determine
noise impacts

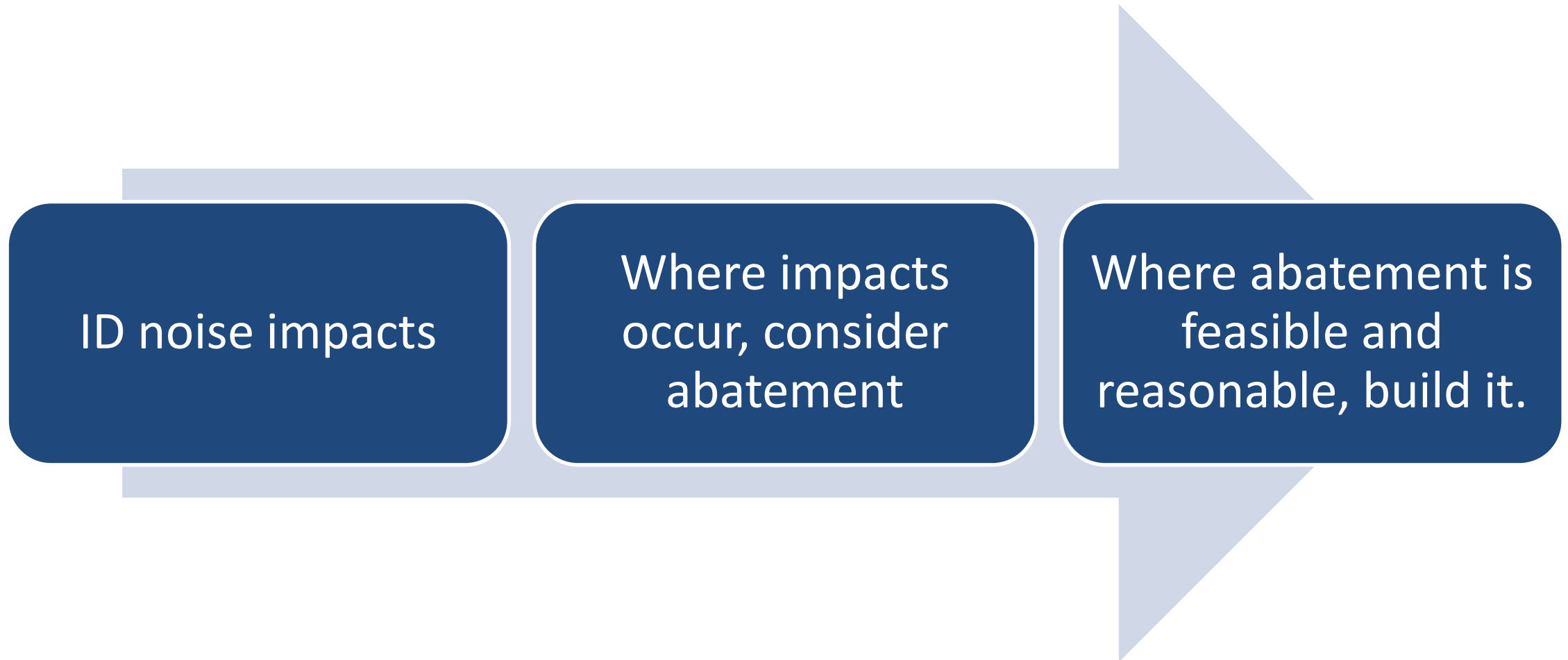
What governs
noise wall
decisions

- Feasibility and reasonableness
- Date of Public Knowledge

When we conduct noise studies: Type I Projects

- Building highway on new location
- Adding through lanes – includes restriping existing pavement
- Substantial horizontal or vertical alteration
- Addition or relocation of interchange lanes or ramps to complete existing partial interchange
- New or substantial alteration to existing rest stop, weigh station, ride-share lot, or toll plaza

High level noise analysis process



Date of Public Knowledge

The date of approval of the final environmental document:

- Categorical Exclusion (CE)
- Finding of No Significant Impact (FONSI)
- Record of Decision (ROD)

NCDOT is NOT responsible for providing abatement for development with building permits issued after the DPK



What is an impact?

A traffic noise impact occurs if either:

- A certain threshold noise level will be reached in the future
 - Noise levels approach or exceed threshold levels (Noise Abatement Criteria) established by FHWA for various land uses.
 - 66 decibels for houses in NC
- A substantial increase over existing levels occurs.
 - Future noise levels are 10 dB(A) or more over existing



Abatement

Where impacts occur, we must consider abatement. We build abatement that is:

- Feasible
- Reasonable
- Practicable
(for some state projects)



Most of the time, “abatement” means noise wall.

Feasibility

Acoustic feasibility:

5 dB(A) reduction for at least 2 impacted receptors

Engineering feasibility:

adverse impacts to property access, drainage, topography, utilities, safety, and maintenance

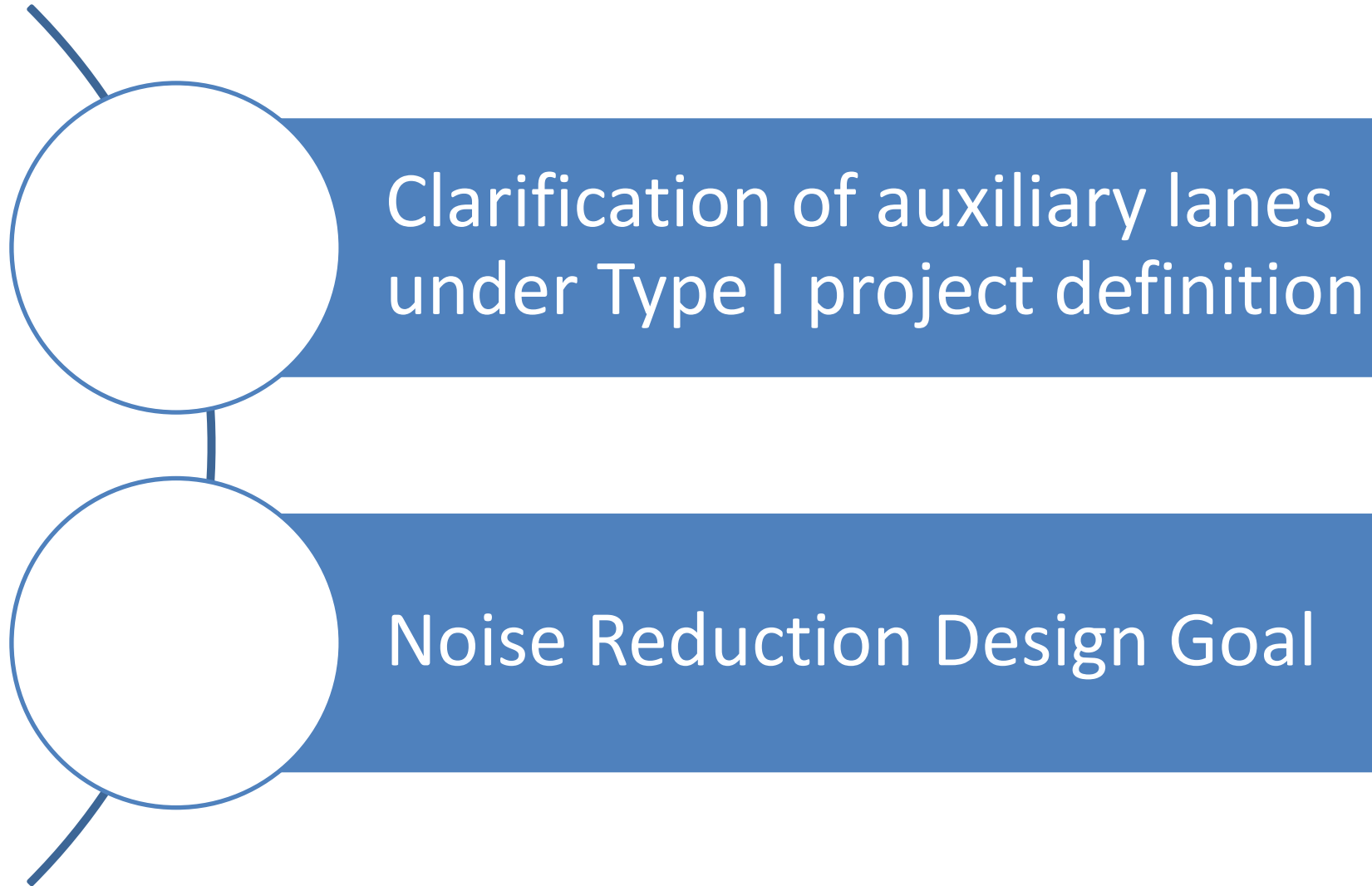


Reasonableness

- **Cost effectiveness**
allowable square footage of wall per benefited receptor
- **Noise Reduction Design Goal**
to encourage design and construction of effective noise abatement measures
- **Property owner and tenant preferences**
gauged through balloting process



Overview of Anticipated Policy Recommendations



Clarification of auxiliary lanes under the definition of Type I Projects*

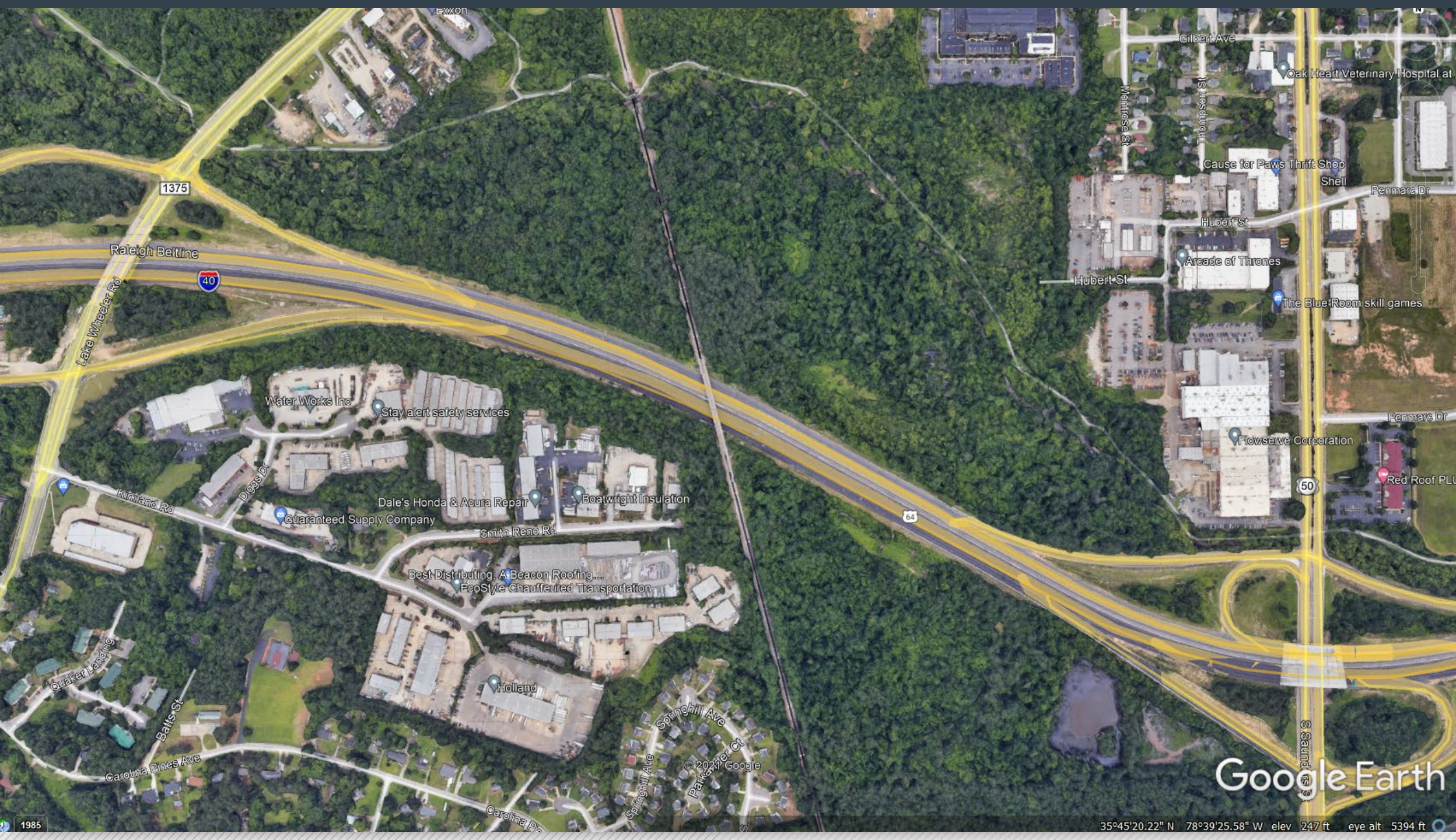
Replace:

the addition of an auxiliary lane, except for when the auxiliary lane is a turn lane

With:

the addition of an auxiliary lane 2500 feet long or longer.

*to be consistent with FHWA Guidance



1375

Raleigh Beltline



Lake Wheeler Rd

Water Works Inc

Stay alert safety services

Dale's Honda & Acura Repair

Boatwright Insulation

Guaranteed Supply Company

Smith Rene Rd

Best Distributing A Beacon Roofing...

ProStyle Chauffeurs Transportation

Holland

Springhill Ave

© 2024 Google

Gilbert Ave

Oak Heart Veterinary Hospital at

Cause for Paws Thrift Shop

Shell

Penmare Dr

Hubert St

Arcade of Thrones

The Blue Room skill games

Hubert St

Howserve Corporation

Penmare Dr

Red Roof PLLC

50

64

S Saunders

Google Earth

1985

35°45'20.22" N 78°39'25.58" W elev 247 ft eye alt 5394 ft

Noise Reduction Design Goal

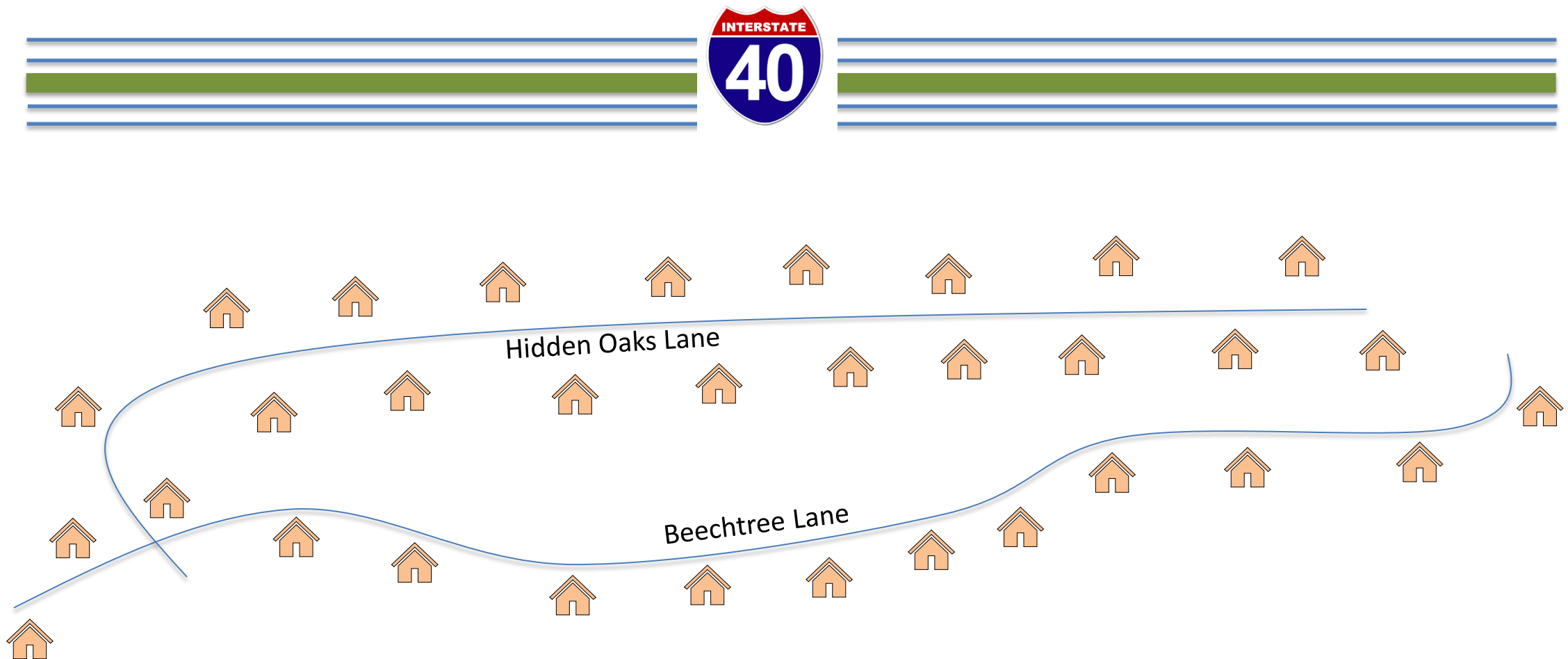
Replace:

A noise reduction design goal of at least 7 dB(A) must be evaluated for all benefited receptors. At least one benefited receptor must achieve the noise reduction design goal of 7 dB(A) to indicate the proposed noise barrier effectively reduces traffic noise.

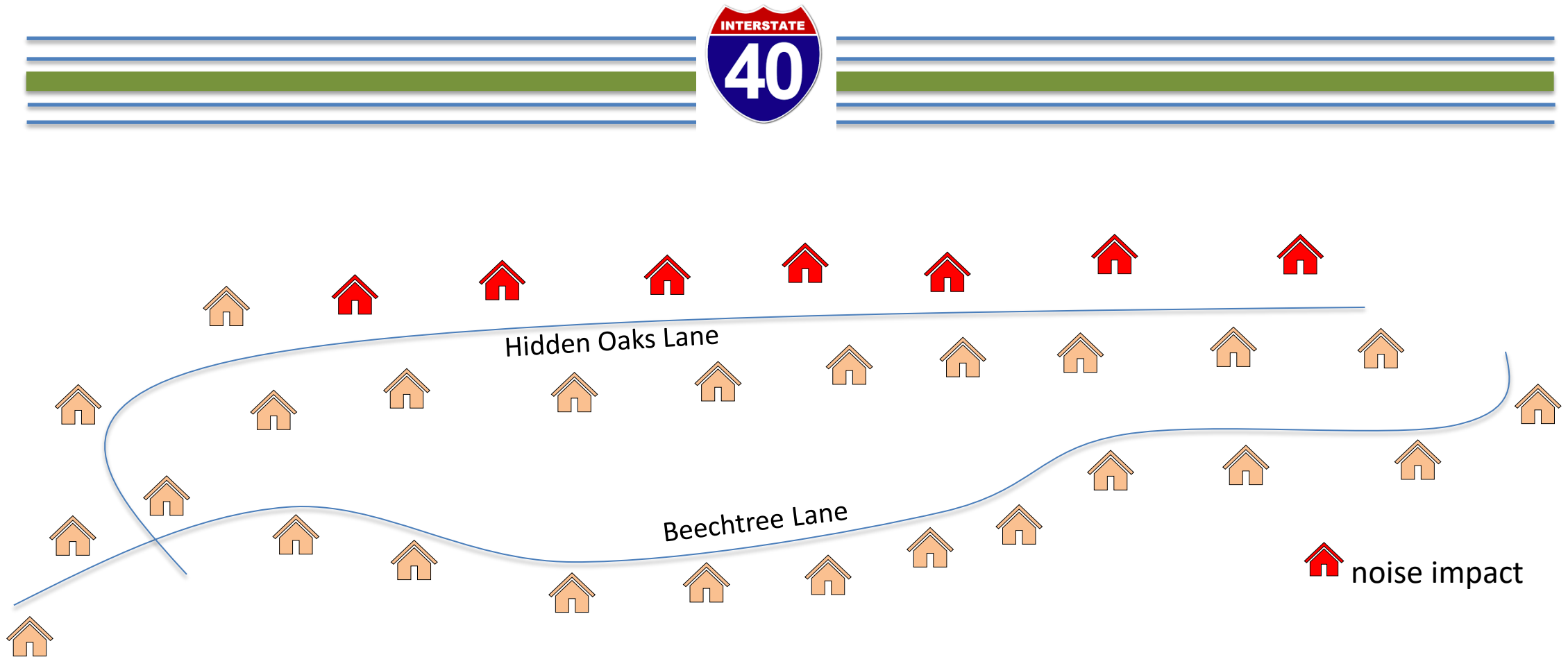
With:

A noise reduction design goal of 7 dB(A) must be achieved for at least one benefited receptor, whether impacted or not. If it can be achieved for one benefit, then the barrier shall be optimized to achieve 7 dB(A) at as many impacted receptors as possible. The initial evaluation of at least one NRDG is focused on all benefits. The subsequent assessment of achieving NRDG at additional receptors is focused only on impacts.

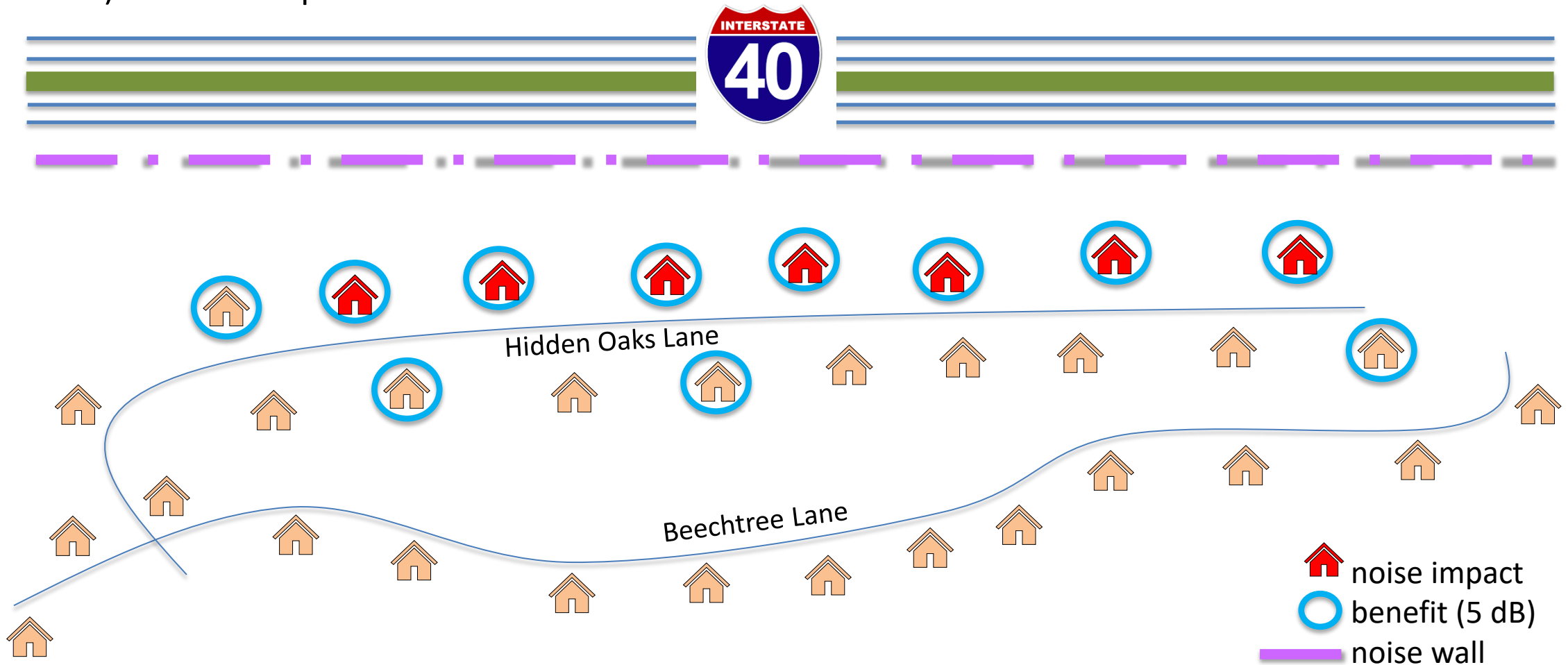
Step 1: Undertake a noise study for this highway widening project. This means we predict future noise levels (project built) at all these houses to determine which are impacted and if noise abatement meets feasibility and reasonableness criteria.



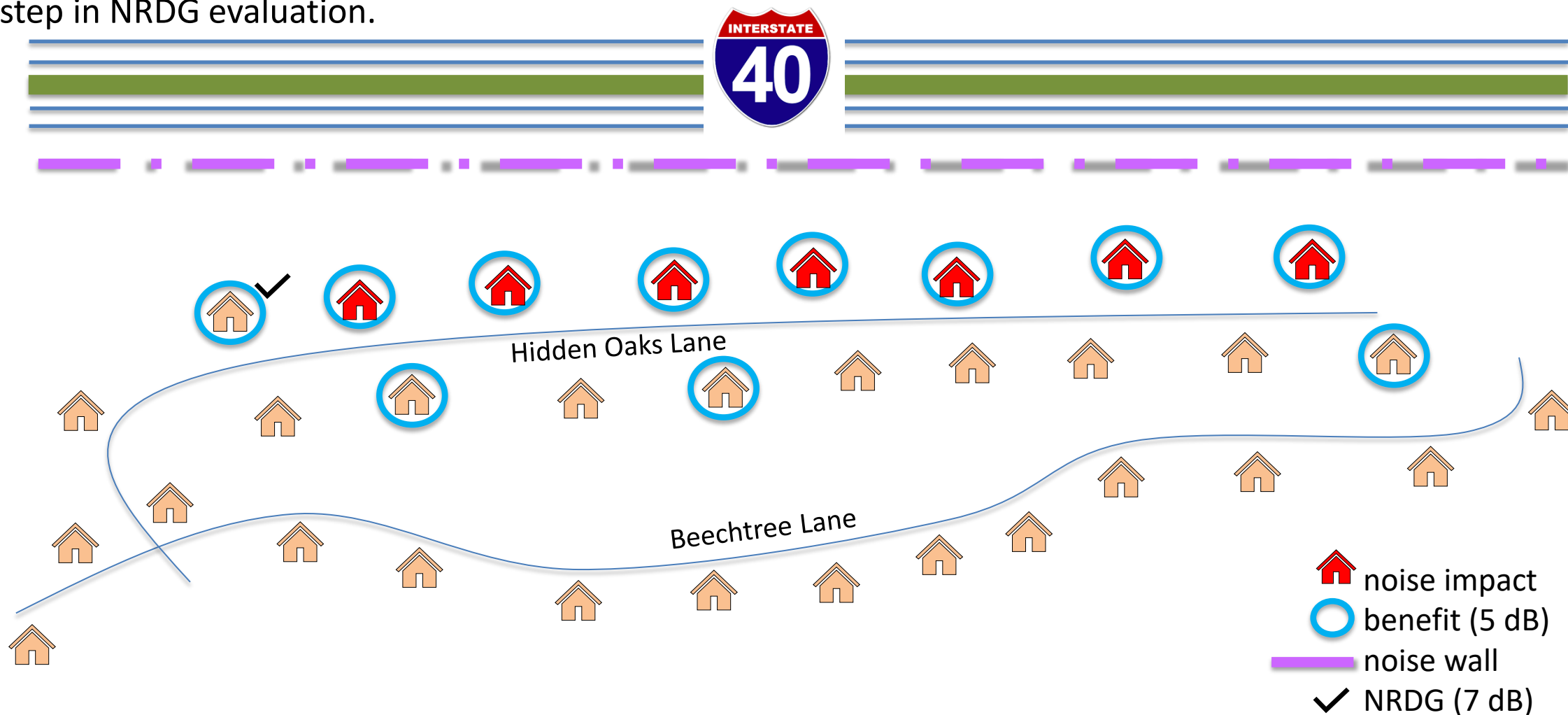
Step 2: Predict noise impacts. Homes that will be impacted (as defined by Policy) by noise in the future have turned red.



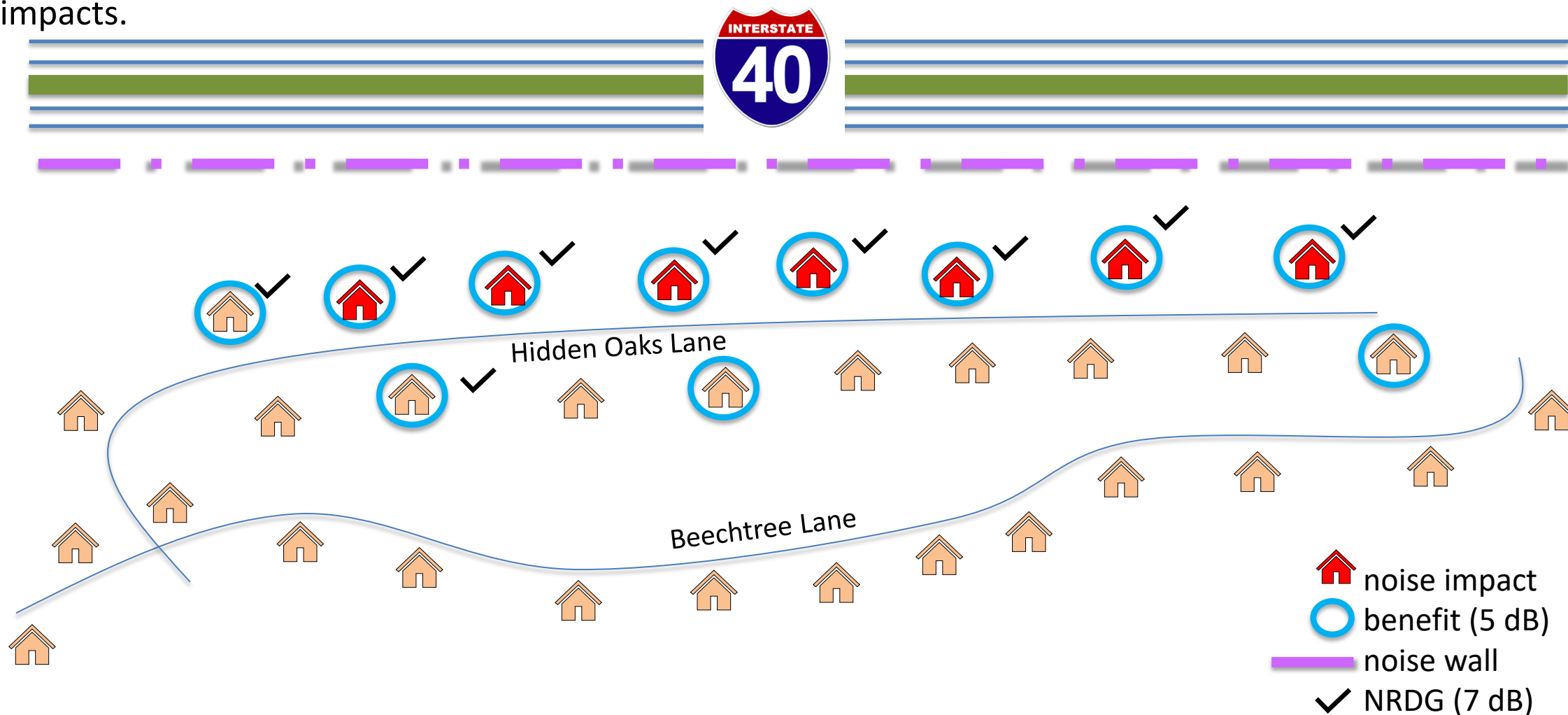
Step 3: Design noise wall to benefit impacted homes. At least two reds must be benefited, but all reds must be benefited if possible. We were able to benefit all the reds with the wall, so they are now circled. But notice in designing this wall, we incidentally benefited homes that were not impacted (circled beige houses). This is acceptable but not the intent.



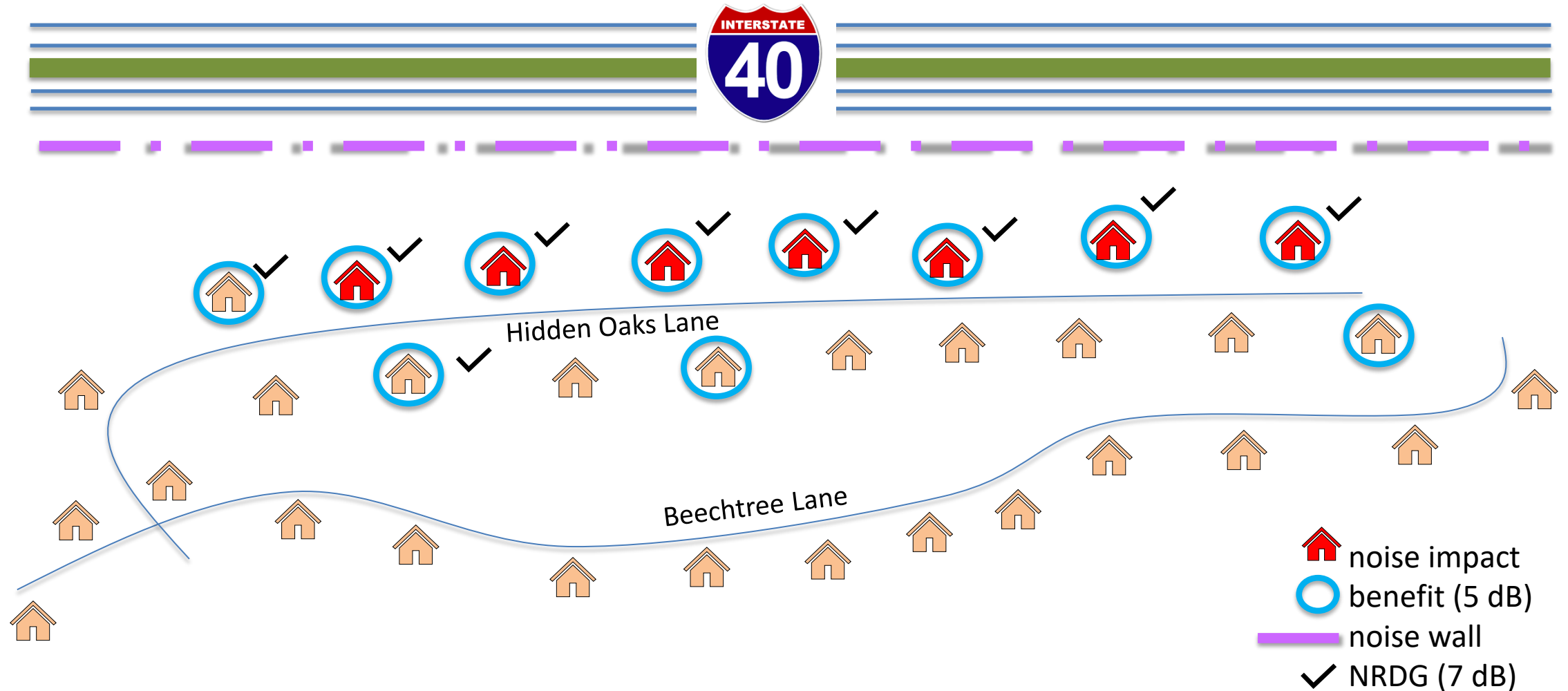
Step 4: Achieve noise reduction design goal (NRDG) of 7 decibels for one benefit, whether impacted or not (any circle, regardless of color). We were able to do this at the beige (not impacted) house with a check mark, so we now know the wall is acoustically reasonable. But we aren't done...there is another step in NRDG evaluation.



Step 5: Optimize wall to achieve NRDG (check marks) for as many red houses as possible by making wall taller and longer. In this example, we achieved a 7-decibel reduction at all the red houses. We also achieved 7 decibels at two of the beige houses. This is okay but the focus was on the red houses since those are the impacts.



Step 6: Verify wall complies with other criteria, including cost effectiveness. Summary of acoustic evaluation: at least two impacts must receive a 5-decibel reduction (acoustically feasible), and at least one house must receive a 7-decibel reduction for a wall to be constructed (acoustically reasonable). The version that gets built is the one that achieves the most 7s (checkmarks) for red homes while meeting other criteria.



Thanks – to both you and the staff committee members

Missy Pair (TNAQ)	Brett Canipe (D10)	<i>Felix Davila (FHWA)</i>
Lamar Sylvester (CEO's office)	Teresa Bruton (DB)	<i>David Stutts (SMU)</i>
Anthony Law (D3)	Gichuru Muchane (SMU)	<i>Jamie Lancaster (EAU)</i>
Joey Hopkins (D5)	Derrick Weaver (EPU)	<i>William Akabi-Davis (RDU)</i>
Greg Burns/Drew Cox (D6)	Phil Harris (EAU)	<i>Tracy Roberts (TNAQ)</i>
Wright Archer (D7)	Matt Clarke (TS)	<i>Nidhi Sheth (TNAQ)</i>
Pat Ivey (D9)	Tatia White (RDU)	<i>Lucious McEachin (TNAQ)</i>
	Scott Hidden (Geotech)	