

**PROJECTS LIST
NORTH CAROLINA BOARD OF TRANSPORTATION
RALEIGH, NORTH CAROLINA
September 7-8, 2016**

Delegated Authority Secretary Tennyson

- (Item C) Award of Highway Construction Contracts from June 21, 2016 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 Curran

- (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
 - (Item I-4) Aviation
- (Item J) Specific State Funds for Construction Projects
- (Item K) North Carolina Highway Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2016-2025 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 **(No Item this month)**

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 1

F-5702 DARE HYDE PROJ.CATEGORY DIVISION	NC 12, HATTERAS FERRY DOCK IN DARE COUNTY TO OCRACOKE FERRY DOCKS IN HYDE COUNTY. CONSTRUCT TWO PASSENGER FERRIES TO BE USED ALONG NEW ROUTE. IMPLEMENT TRANSIT SYSTEM TO AID PASSENGERS ON OCRACOKE ISLAND. <u>ADD PRELIMINARY ENGINEERING IN FY 17 NOT PREVIOUSLY PROGRAMMED. PROJECT RECEIVED STATE APPROPRIATED FUNDS TO PARTNER WITH FLAP GRANT FUNDING.</u>	ENGINEERING	FY 2017 -	\$926,000	(O)
				\$926,000	
* F-5702A DARE PROJ.CATEGORY DIVISION	NC 12, HATTERAS PARKING LOT IMPROVEMENTS AND CONNECTIVITY MEASURES, HATTERAS LOADING FACILITY AND DOCK. <u>ADD CONSTRUCTION IN FY 17 AND FY 18 NOT PREVIOUSLY PROGRAMMED. PROJECT RECEIVED FLAP GRANT.</u>	CONSTRUCTION	FY 2017 - FY 2018 -	\$130,000 \$640,000	(FLAP) (FLAP)
				\$770,000	
* F-5702B HYDE PROJ.CATEGORY DIVISION	NC 12, OCRACOKE DOCK AND PEDESTRIAN WAITING AND ACCESS ACCOMMODATIONS <u>ADD CONSTRUCTION IN FY 17 AND FY 18 NOT PREVIOUSLY PROGRAMMED. PROJECT RECEIVED FLAP GRANT.</u>	CONSTRUCTION	FY 2017 - FY 2018 - FY 2018 -	\$125,000 \$118,000 \$407,000	(FLAP) (FLAP) (O)
				\$650,000	
* F-5702C DARE HYDE PROJ.CATEGORY DIVISION	NC 12, CONSTRUCT TWO PASSENGER FERRIES <u>ADD CONSTRUCTION IN FY 17 AND FY 18 NOT PREVIOUSLY PROGRAMMED. PROJECT RECEIVED FLAP GRANT.</u>	CONSTRUCTION	FY 2017 - FY 2018 -	\$2,700,000 \$3,000,000	(FLAP) (FLAP)
				\$5,700,000	
F-5702D HYDE PROJ.CATEGORY DIVISION	NC 12, CONSTRUCT TRANSIT SHELTERS/BENCHES AND TRANSIT VEHICLES <u>ADD CONSTRUCTION IN FY 17 AND FY 18 NOT PREVIOUSLY PROGRAMMED. PROJECT RECEIVED STATE APPROPRIATED FUNDS TO PARTNER WITH FLAP GRANT FUNDING.</u>	CONSTRUCTION	FY 2017 - FY 2018 -	\$235,000 \$110,000	(O) (O)
				\$345,000	

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* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 4

* I-5976 WILSON PROJ.CATEGORY STATEWIDE	I-95, MILE MARKER 115.2 TO MILE MARKER 122.1. BRIDGE PRESERVATION. <u>ADD CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2017 -	\$2,880,000	(NHP)
				\$2,880,000	

* I-5977 JOHNSTON NASH PROJ.CATEGORY STATEWIDE	I-95, MILE MARKER 131.6 TO MILE MARKER 151.1. I-40, MILE MARKER 333.5 TO MILE MARKER 333.9. BRIDGE PRESERVATION. <u>ADD CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2017 -	\$660,000	(NHP)
				\$660,000	

* I-5978 JOHNSTON PROJ.CATEGORY STATEWIDE	I-95, MILE MARKER 90.3 TO MILE MARKER 91.7. BRIDGE PRESERVATION. <u>ADD CONSTRUCTION IN FY 17 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2017 -	\$2,500,000	(NHP)
				\$2,500,000	

STATEWIDE

* M-0515 STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS, RIGHT-OF-WAY BRANCH, REVIEW OF LOCAL PUBLIC AGENCY (LPA) PROJECTS BY THE APPRAISAL SECTION. <u>ADD PROJECT AT THE REQUEST OF THE RIGHT-OF- WAY BRANCH.</u>	RIGHT-OF-WAY	FY 2017 -	\$250,000	(T)
			FY 2018 -	\$250,000	(T)
				\$500,000	

STIP MODIFICATIONS

DIVISION 1

* B-2500B DARE PROJ.CATEGORY TRANSITION	NC 12, PHASE II, LONG-TERM IMPROVEMENTS AT RODANTHE. <u>TO ALLOW ADDITIONAL TIME TO DEVELOP THE DESIGN BUILD PROPOSALS, MOVE RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 16 TO FY 17.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 -	\$840,000	(NHP)
			FY 2017 -	\$17,440,000	(ER)
			FY 2017 -	\$40,693,000	(NHP)
			FY 2018 -	\$17,440,000	(ER)
			FY 2018 -	\$40,693,000	(NHP)
			FY 2019 -	\$17,440,000	(ER)
			FY 2019 -	\$40,694,000	(NHP)
				\$175,240,000	

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HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 1

P-5600A	NCVA RR, TRACK IMPROVEMENTS.	CONSTRUCTION	FY 2017 -	\$5,800,000	(DP)
BERTIE	<u>TO ALLOW ADDITIONAL TIME TO COORDINATE WITH</u>		FY 2017 -	\$2,800,000	(T)
HERTFORD	<u>FEDERAL RAIL ADMINISTRATION, DELAY</u>		FY 2017 -	\$3,031,000	(O)
NORTHAMPTON	<u>CONSTRUCTION FROM FY 16 TO FY 17.</u>			\$11,631,000	
PROJ.CATEGORY					
TRANSITION					

DIVISION 2

* B-4786	US 13, REPLACE BRIDGE 730038 OVER TAR RIVER.	RIGHT-OF-WAY	FY 2018 -	\$1,000,000	(NHPB)
PITT	<u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 19.</u>	CONSTRUCTION	FY 2019 -	\$2,667,000	(NHPB)
PROJ.CATEGORY			FY 2020 -	\$2,667,000	(NHPB)
REGIONAL			FY 2021 -	\$2,666,000	(NHPB)
				\$9,000,000	

R-5703	NC 148 (HARVEY PARKWAY), NC 58 TO NC 11.	RIGHT-OF-WAY	FY 2017 -	\$5,332,000	(T)
LENOIR	CONSTRUCT MULTI-LANE FACILITY ON NEW LOCATION.	UTILITIES	FY 2017 -	\$2,900,000	(T)
PROJ.CATEGORY	<u>TO CONVERT BACK TO CONVENTIONAL CONTRACT,</u>	CONSTRUCTION	FY 2018 -	\$28,833,000	(T)
REGIONAL	<u>PROJECT WILL NO LONGER BE DESIGN BUILD AND</u>		FY 2019 -	\$28,833,000	(T)
	<u>CONSTRUCTION WILL MOVE FROM FROM FY 17 TO FY</u>		FY 2020 -	\$28,833,000	(T)
	<u>18.</u>			\$94,731,000	

DIVISION 3

* U-5790	US 421 (CAROLINA BEACH ROAD), NC 132 (SOUTH	RIGHT-OF-WAY	FY 2020 -	\$4,525,000	(NHP)
NEW HANOVER	COLLEGE ROAD) TO SANDERS ROAD IN WILMINGTON.	UTILITIES	FY 2020 -	\$183,000	(NHP)
PROJ.CATEGORY	WIDEN EXISTING ROADWAY AND CONSTRUCT	CONSTRUCTION	FY 2022 -	\$20,386,000	(NHP)
DIVISION	FLYOVERS AT US 421 AND NC 132.			\$25,094,000	
	<u>TO MODIFY CONTRACT FROM DESIGN BUILD TO</u>				
	<u>CONVENTIONAL DESIGN BID BUILD, MOVE</u>				
	<u>CONSTRUCTION FROM FY 20 TO FY 22.</u>				

DIVISION 4

B-4562	SR 2143 (BEULAHTOWN ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$125,000	(STPOFF)
JOHNSTON	500216 OVER LITTLE BUFFALO CREEK.	CONSTRUCTION	FY 2017 -	\$1,250,000	(STPOFF)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u>			\$1,375,000	
DIVISION	<u>PROJECT WILL NOW BE DESIGN BUILD CONTRACT.</u>				

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STIP MODIFICATIONS

DIVISION 4

B-5654 JOHNSTON PROJ.CATEGORY DIVISION	SR 1550 (WINSTON ROAD), REPLACE BRIDGE 500141 OVER WHITE OAK CREEK. <u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u> <u>PROJECT WILL NOW BE DESIGN BUILD CONTRACT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$30,000 (STPOFF) FY 2017 - \$604,000 (STPOFF)	\$634,000
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B-5656 WAYNE PROJ.CATEGORY DIVISION	SR 1127 (HERRING ROAD), REPLACE BRIDGE 950133 OVER YELLOW SWAMP. <u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u> <u>PROJECT WILL NOW BE DESIGN BUILD CONTRACT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$21,000 (STPOFF) FY 2017 - \$415,000 (STPOFF)	\$436,000
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B-5659 JOHNSTON PROJ.CATEGORY DIVISION	SR 1738 (EATMON ROAD), REPLACE BRIDGE 500432 OVER CATTAIL CREEK. <u>ACCELERATE CONSTRUCTION FROM FY 18 TO FY 17.</u> <u>PROJECT WILL NOW BE DESIGN BUILD CONTRACT.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$16,000 (STPOFF) FY 2017 - \$310,000 (STPOFF)	\$326,000
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C-5546 NASH PROJ.CATEGORY EXEMPT	ROCKY MOUNT, BENVENUE ROAD (NC 43/NC 48) AT JEFFERYS ROAD. INTERSECTION IMPROVEMENTS. <u>TO ALLOW CITY OF ROCKY MOUNT ADDITIONAL TIME</u> <u>FOR DESIGN, DELAY CONSTRUCTION FROM FY 16 TO</u> <u>FY 17.</u>	CONSTRUCTION	FY 2017 - \$130,000 (CMAQ) \$130,000	
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U-3334B JOHNSTON PROJ.CATEGORY DIVISION	SR 1923 (BOOKER DAIRY ROAD) EXTENSION, SR 1003 (BUFFALO ROAD) TO US 301 (BRIGHTLEAF BOULEVARD). <u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u> <u>THRESHOLDS</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$2,045,000 (T) FY 2017 - \$2,045,000 (T) FY 2018 - \$6,350,000 (T) FY 2019 - \$6,350,000 (T)	\$16,790,000
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* U-5935 WILSON PROJ.CATEGORY REGIONAL	US 301, BLACK CREEK ROAD TO SR 1515 (LIPSCOMB ROAD). UPGRADE ROADWAY INCLUDING BICYCLE AND PEDESTRIAN ACCOMODATIONS. <u>ADD ADDITIONAL REGIONAL STIP FUNDING TO</u> <u>PARTNER WITH TIGER GRANT. LIMITS OF PROJECT</u> <u>HAVE BEEN EXTENDED.</u>	CONSTRUCTION	FY 2017 - \$10,000,000 (DP) FY 2017 - \$6,500,000 (T) FY 2017 - \$2,000,000 (L)	\$18,500,000
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DIVISION 4

W-5500	SR 1556 (WAYNE MEMORIAL DRIVE), SR 1622	RIGHT-OF-WAY	FY 2016 -	\$1,428,000	(HSIP)
WAYNE	(WOODSIDE DRIVE) TO SR 1752 (SAULSTON-	CONSTRUCTION	FY 2017 -	\$1,505,000	(HSIP)
PROJ.CATEGORY	PATETOWN ROAD). SAFETY IMPROVEMENTS			\$2,933,000	
TRANSITION	INCLUDING WIDENING, SHOULDERS,				
	SUPERELEVATION REVISIONS, OVERLAYING				
	PAVEMENT MARKINGS AND SIGNING.				
	<u>TO ALLOW ADDITIONAL TIME FOR UTILITY</u>				
	<u>COORDINATION, DELAY CONSTRUCTION FROM FY 16</u>				
	<u>TO FY 17.</u>				

DIVISION 5

B-5140	SR 1001 (PEARCES ROAD), REPLACE BRIDGE 910195	RIGHT-OF-WAY	FY 2018 -	\$70,000	(HFB)
WAKE	OVER MOCASSIN CREEK.	UTILITIES	FY 2018 -	\$89,000	(HFB)
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME TO SELECT THE DESIGN</u>	CONSTRUCTION	FY 2019 -	\$850,000	(HFB)
HWY FUNDS	<u>ALTERNATIVE, DELAY RIGHT-OF-WAY FROM FY 17 TO</u>			\$1,009,000	
	<u>FY 18 AND CONSTRUCTION FROM FY 18 TO FY 19</u>				

C-5567	EAST LYON STATION GREENWAY, TOWN OF BUTNER	RIGHT-OF-WAY	FY 2017 -	\$28,000	(CMAQ)
GRANVILLE	GREENWAY EXTENSION. CONSTRUCT MULTI-USE		FY 2017 -	\$7,000	(L)
PROJ.CATEGORY	PATH.	CONSTRUCTION	FY 2017 -	\$144,000	(CMAQ)
EXEMPT	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE</u>		FY 2017 -	\$36,000	(L)
	<u>DESIGN PHASE, DELAY RIGHT-OF-WAY FROM FY 16</u>			\$215,000	
	<u>TO FY 17 AND CONSTRUCTION FROM FY 16 TO FY 17</u>				

EB-4707B	SR 2220, SR 1113 (POPE ROAD) TO SR 1116 (GARRETT	CONSTRUCTION	FY 2017 -	\$4,067,000	(STBGDA)
DURHAM	ROAD)		FY 2017 -	\$250,000	(O)
PROJ.CATEGORY	<u>AT REQUEST OF DIVISION OFFICE, DELAY</u>		FY 2017 -	\$767,000	(L)
TRANSITION	<u>CONSTRUCTION FROM FY 16 TO FY 17</u>			\$5,084,000	

U-5537	SR 1521 (LAKE PINE DRIVE), WIDEN TO 3 LANES -	RIGHT-OF-WAY	FY 2017 -	\$56,000	(STBGDA)
WAKE	NORTH OF MACGREGOR PINES ROAD TO NORTH OF		FY 2017 -	\$24,000	(L)
PROJ.CATEGORY	VERSAILLES DRIVE. INCL. 10 FT MULTIUSE PATH EAST	CONSTRUCTION	FY 2017 -	\$668,000	(STBGDA)
DIVISION	SIDE; 5 FT SIDEWALK WEST SIDE.		FY 2017 -	\$167,000	(L)
	<u>TO ALLOW TIME FOR THE TOWN TO COMPLETE THE</u>			\$915,000	
	<u>R/W PLANS, DELAY RIGHT-OF-WAY FY 16 TO FROM FY</u>				
	<u>17</u>				

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HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

U-5745	NC 751 (HOPE VALLEY ROAD), SR 1183 (UNIVERSITY DRIVE) INTERSECTION IN DURHAM. CONSTRUCT ROUNDABOUT.	RIGHT-OF-WAY	FY 2018 -	\$150,000	(T)
DURHAM		CONSTRUCTION	FY 2019 -	\$1,300,000	(T)
PROJ.CATEGORY				\$1,450,000	
REGIONAL	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE DESIGN PHASE, DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 AND CONSTRUCTION FROM FY 18 TO FY 19</u>				

DIVISION 6

* B-5339	SR 1544 (GUY ROAD), REPLACE BRIDGE 420233 OVER BLACK RIVER TRIBUTARY.	RIGHT-OF-WAY	FY 2023 -	\$80,000	(STPOFF)
HARNETT		CONSTRUCTION	FY 2024 -	\$770,000	(STPOFF)
PROJ.CATEGORY				\$850,000	
DIVISION	<u>PROJECT FUNDING BEING SWITCHED BACK TO STIP FUNDING, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 23 AND CONSTRUCTION FROM FY 16 TO FY 24.</u>				

* B-5414	SR 1234 (LEAFLET CHURCH ROAD), REPLACE BRIDGE 420195 OVER BRANCH OF UPPER LITTLE RIVER.	RIGHT-OF-WAY	FY 2023 -	\$50,000	(STPOFF)
HARNETT		CONSTRUCTION	FY 2024 -	\$525,000	(STPOFF)
PROJ.CATEGORY				\$575,000	
DIVISION	<u>PROJECT FUNDING BEING SWITCHED BACK TO STIP FUNDING, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 23 AND CONSTRUCTION FROM FY 16 TO FY 24.</u>				

DIVISION 7

B-5352	US 220 (NORTHBOUND), REPLACE BRIDGE 780131 OVER NORFOLK SOUTHERN RAILROAD.	RIGHT-OF-WAY	FY 2017 -	\$240,000	(NHPB)
ROCKINGHAM		CONSTRUCTION	FY 2019 -	\$975,000	(NHPB)
PROJ.CATEGORY			FY 2020 -	\$975,000	(NHPB)
STATEWIDE	<u>TO ALLOW ADDITIONAL TIME TO COORDINATE PROJECT DESIGN WITH NORFOLK-SOUTHERN RAILROAD, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 18 TO FY 19</u>			\$2,190,000	

R-4707	US 29; SR 4771 (REEDY FORK PARKWAY), SR 2641 (BRYAN PARK ROAD) TO US 29 / SR 4771 (REEDY FORK PARKWAY) INTERCHANGE IN GREENSBORO. IMPROVE ROADWAY, MODIFY INTERCHANGE AND REPLACE BRIDGE 400360.	RIGHT-OF-WAY	FY 2019 -	\$3,220,000	(T)
GUILFORD		UTILITIES	FY 2019 -	\$982,000	(T)
PROJ.CATEGORY				\$4,202,000	
REGIONAL	<u>TO ALLOW ADDITIONAL TIME TO PREPARE THE ENVIRONMENTAL DOCUMENT AND SELECT AN ALTERNATIVE, DELAY RIGHT-OF-WAY FY 17 TO FY 19.</u>				

* R-4707A	SR 4771 (REEDY FORK PARKWAY), REPLACE BRIDGE 400360 OVER US 29 AND CONSTRUCT TIE-INS.	CONSTRUCTION	FY 2020 -	\$8,821,000	(T)
GUILFORD				\$8,821,000	
PROJ.CATEGORY	<u>AT REQUEST OF PROJECT DEVELOPMENT BRANCH, DELAY CONSTRUCTION FROM FY 18 TO FY 20.</u>				
DIVISION					

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DIVISION 7

U-5306B GUILFORD PROJ.CATEGORY REGIONAL	US 220 (BATTLEGROUND AVENUE), INTERSECTION WITH WESTRIDGE ROAD AND APPROACHES <u>TO ALLOW ADDITIONAL TIME FOR THE CITY TO COMPLETE R/W ACQUISITION AND RELOCATE UTILITIES, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>	CONSTRUCTION	FY 2017 - \$3,100,000 (NHP) \$3,100,000
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U-5538C ALAMANCE PROJ.CATEGORY DIVISION	NC 119, SR 1981 (TROLLINGWOOD-HAWFIELDS ROAD) IN MEBANE. ADD TURN LANES. <u>TO ALLOW ADDITIONAL TIME TO ADDRESS COMMUNITY HISTORICAL IMPACTS AND COMPLETE PROJECT DESIGN, DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 16 TO FY 17</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$150,000 (L) FY 2017 - \$250,000 (HSIP) FY 2017 - \$450,000 (T) \$850,000
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W-5143 ORANGE PROJ.CATEGORY TRANSITION	SR 1004 (EFLAND- CEDAR GROVE ROAD), NORTH OF INTERSECTION WITH SR 1332 (HIGHLAND FARM ROAD). IMPROVE HORIZONTAL ALIGNMENT OF CURVE TO PROVIDE A MINIMUM OF 60 MPH DESIGN SPEED. <u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE R/W PHASE, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>	CONSTRUCTION	FY 2017 - \$325,000 (HSIP) \$325,000
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DIVISION 8

B-5739 RANDOLPH PROJ.CATEGORY DIVISION	SR 2621 (FOUSHEE ROAD), REPLACE BRIDGE 750170 OVER REED CREEK. <u>ACCELERATE RIGHT-OF-WAY FROM FY 17 TO FY 16 AT REQUEST OF DIVISION OFFICE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$37,000 (STPOFF) FY 2017 - \$747,000 (STPOFF) \$784,000
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B-5763 RANDOLPH PROJ.CATEGORY DIVISION	SR 2407 (STARMOUNT ROAD), REPLACE BRIDGE 750129 OVER BRANCH OF SANDY CREEK. <u>ACCELERATE RIGHT-OF-WAY FROM FY 17 TO FY 16 AT REQUEST OF DIVISION OFFICE.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2016 - \$21,000 (STPOFF) FY 2017 - \$427,000 (STPOFF) \$448,000
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U-3628 MOORE PROJ.CATEGORY REGIONAL	NC 24 / NC 27, COURTHOUSE WEST OF NC 22 (MCNEILL STREET) TO US 15 / US 501 IN CARTHAGE. WIDEN TO THREE LANES WITH CURB AND GUTTER AND BICYCLE / PEDESTRIAN ACCOMMODATIONS. <u>TO REFLECT CHANGE FROM FEDERAL TO STATE FUNDING, DELAY RIGHT-OF-WAY FY 20 TO FROM FY 21 AND CONSTRUCTION FROM FY 22 TO FY 23.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2021 - \$2,031,000 (T) FY 2021 - \$244,000 (T) FY 2023 - \$3,400,000 (T) \$5,675,000
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DIVISION 9

EB-4020C FORSYTH PROJ.CATEGORY TRANSITION	BRUSHY FORK GREENWAY, LOWERY STREET TO REYNOLDS PARK ROAD <u>TO ALLOW ADDITIONAL TIME FOR THE CITY TO COMPLETE THE DESIGN PHASE, DELAY RIGHT-OF- WAY FY 16 TO FY 17</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - \$20,000 (STBGDA) FY 2017 - \$5,000 (L) FY 2017 - \$700,000 (STBGDA) FY 2017 - \$300,000 (STPEB) FY 2017 - \$175,000 (L)	
			\$1,200,000	

DIVISION 10

B-2506 ANSON PROJ.CATEGORY DIVISION	SR 1627 (PINKSTON-RIVER), REPLACE BRIDGE 030008 OVER BROWN CREEK. <u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME TO RESOLVE RIGHT OF WAY ISSUES.</u>	CONSTRUCTION	FY 2017 - \$1,100,000 (STPOFF) \$1,100,000	
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B-5378 MECKLENBURG PROJ.CATEGORY DIVISION	MICHAEL BAKER ROAD, REPLACE BRIDGE 590210 OVER BRIAR CREEK IN CHARLOTTE. <u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME TO RESOLVE RIGHT OF WAY ISSUES.</u>	CONSTRUCTION	FY 2017 - \$1,360,000 (STPOFF) FY 2017 - \$340,000 (L) \$1,700,000	
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C-5540 MECKLENBURG PROJ.CATEGORY EXEMPT	CHARLOTTE, NAVIN ROAD, ALPINE DRIVE TO GIBBON ROAD. CONSTRUCT SIDEWALK ON NORTH SIDE. GIBBON ROAD, NEVIN ROAD TO SUGAR CREEK ROAD. CONSTRUCT SIDEWALK ON SOUTH SIDE.WEST SUGAR ROAD, BISANER STREET AND MALLARD CREEK ROAD. FILL GAPS IN SIDEWALK NETWORK ON EAST SIDE. <u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR UTILITY RELOCATIONS.</u>	CONSTRUCTION	FY 2017 - \$564,000 (CMAQ) FY 2017 - \$188,000 (L) \$752,000	
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U-3467 UNION PROJ.CATEGORY REGIONAL	NC 84, NC 16 TO SR 1008 (WAXHAW-INDIAN TRAIL ROAD) IN WESLEY CHAPEL. CONSTRUCT FOUR LANE ROADWAY, PART ON NEW LOCATION. <u>DELAY RIGHT-OF-WAY FROM FY 17 TO FY 18 TO ALLOW ADDITIONAL TIME FOR PLANNING.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - \$15,250,000 (STBG) FY 2018 - \$800,000 (STBG) FY 2019 - \$32,500,000 (STBG) \$48,550,000	
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DIVISION 10

U-5114	HUNTERSVILLE, INTERSECTION OF US 21 AND GILEAD	RIGHT-OF-WAY	FY 2016 -	\$3,350,000	(BA)
MECKLENBURG	ROAD IN HUNTERSVILLE. CONSTRUCT INTERSECTION	UTILITIES	FY 2016 -	\$800,000	(BA)
PROJ.CATEGORY	IMPROVEMENTS, INCLUDING BICYCLE AND	CONSTRUCTION	FY 2018 -	\$3,850,000	(BA)
TRANSITION	PEDESTRIAN ACCOMMODATIONS.		FY 2018 -	\$2,400,000	(T)
				<u>\$10,400,000</u>	
	<u>REPLACE STP-DA AND ASSOCIATED MATCHING FUNDS WITH BONUS ALLOCATION FUNDS. ADD TRUST FUNDS TO COMPLETE WORK PROPOSED UNDER U-5771.</u>				

DIVISION 13

I-5809	I-40, MILEMARKER 86.4 TO MILEMARKER 92.8.	CONSTRUCTION	FY 2017 -	\$2,250,000	(NHPIM)
McDOWELL	PAVEMENT REHABILITATION.		FY 2018 -	\$2,250,000	(NHPIM)
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>			<u>\$4,500,000</u>	
STATEWIDE	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

I-5833	I-40, BUNCOMBE COUNTY LINE TO SR 1103 (SOUTH	CONSTRUCTION	FY 2017 -	\$3,000,000	(NHPIM)
McDOWELL	CATAWBA AVENUE / BAT CAVE ROAD). PAVEMENT		FY 2018 -	\$3,000,000	(NHPIM)
PROJ.CATEGORY	REHABILITATION.			\$6,000,000	
STATEWIDE	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

I-5892	FUTURE I-26, MILEMARKER 18 TO MILEMARKER 12.5.	CONSTRUCTION	FY 2017 -	\$6,000,000	(NHPIM)
BUNCOMBE	PAVEMENT REHABILITATION.			\$6,000,000	
PROJ.CATEGORY	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>				
STATEWIDE	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

R-5528A	NEW ROUTE, CONSTRUCT ACCESS ROAD OFF SR 1129	CONSTRUCTION	FY 2017 -	\$170,000	(APD)
MITCHELL	(HENREDON ROAD) FROM THE END OF PHASE I			\$170,000	
PROJ.CATEGORY	PROJECT.				
EXEMPT	<u>DELAY CONSTRUCTION FROM FY 16 TO FY 17 TO</u>				
	<u>ALLOW ADDITIONAL TIME FOR DESIGN.</u>				

DIVISION 14

B-5550	BREVARD, REPLACE BRIDGE 870102 ON RAILROAD	RIGHT-OF-WAY	FY 2017 -	\$120,000	(STPON)
TRANSYLVANIA	AVENUE OVER KINGS CREEK. .		FY 2017 -	\$30,000	(L)
PROJ.CATEGORY	<u>DELAY RIGHT-OF-WAY FY 16 TO FROM FY 17 TO</u>	CONSTRUCTION	FY 2017 -	\$520,000	(STPON)
DIVISION	<u>ALLOW ADDITIONAL TIME FOR PLANNING AND</u>		FY 2017 -	\$130,000	(L)
	<u>DESIGN.</u>			\$800,000	

These items are for informational purposes only and subject to future NC Board of Transportation approval.
It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 14

U-5105 HENDERSON PROJ.CATEGORY TRANSITION	HENDERSONVILLE, NC 225/SR 1164 (ERKWOOD DRIVE)/SR 1779(SHEPHERD STREET) IN HENDERSONVILLE. IMPROVE INTERSECTION. <u>DELAY RIGHT-OF-WAY FY 16 TO FROM FY 17 TO ALLOW ADDITIONAL TIME FOR PLANNING.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$200,000 \$2,150,000	(STBG) (STBG)
				\$2,350,000	
U-5872 HENDERSON PROJ.CATEGORY EXEMPT	US 25 (HENDERSONVILLE ROAD), SR 1545 (CANE CREEK ROAD) TO SR 1006 (HOWARD GAP ROAD). CONSTRUCT ROADWAY IMPROVEMENTS. <u>DELAY RIGHT-OF-WAY FY 16 TO FROM FY 17 TO ALLOW ADDITIONAL TIME FOR DESIGN.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2016 - FY 2016 - FY 2017 - FY 2017 - FY 2017 - FY 2017 -	\$154,000 \$39,000 \$20,000 \$5,000 \$1,555,000 \$389,000	(STBGDA) (L) (STBGDA) (L) (STBGDA) (L)
				\$2,162,000	

STIP DELETIONS

DIVISION 3

* EB-5799 BRUNSWICK PROJ.CATEGORY DIVISION	SR 1167 (PERSIMMON ROAD), BAY TRAIL DRIVE TO NC 179 (BEACH DRIVE). CONSTRUCT SIDEWALK. <u>DELETE AT THE REQUEST OF TOWN OF CALABASH.</u>	CONSTRUCTION	FY 2021 - FY 2021 -	\$146,000 \$37,000	(STBG) (L)
				\$183,000	

These items are for informational purposes only and subject to future NC Board of Transportation approval.
It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.

* INDICATES FEDERAL AMENDMENT

NCDOT Board of Transportation Agenda

ITEM C

August 2016

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

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 AUGUST, 2016
 DIVISION 00003

C203789
 40233.3.1

STATE FUNDED
 PENDER
 B-4929
 08/16/2016

PROPOSAL LENGTH 0.929 MILES
 TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.
 LOCATION BRIDGE #16 OVER INTRACOASTAL WATERWAY ON NC-50/210.

EST CONST PROGRESS.... FY-2017..30% OF BID
 FY-2018..32% OF BID
 FY-2019..25% OF BID
 FY-2020..13% OF BID

RPN 001 9 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 3.00%
ESTIMATE 58,841,643.73

DATE AVAILABLE SEP 26 2016
 INTER COMPLETION MAY 15 2020 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 SEP 15 2019 COMPLETE ALL WORK REQUIRED OF PHASE III, STEP 5
 FINAL COMPLETION NOV 11 2020

	\$ TOTALS	% DIFF
BALFOUR BEATTY INFRASTRUCTURE INC WILMINGTON, NC	53,651,508.35	-8.8
FLATIRON CONSTRUCTORS INC MORRISVILLE, NC	53,789,292.32	-8.6
VECELLIO & GROGAN INC BECKLEY, WV	54,417,351.09	-7.5
PCL CIVIL CONSTRUCTORS INC RALEIGH, NC	60,304,634.95	+2.5
ENGLISH CONSTRUCTION CO INC LYNCHBURG, VA	60,823,231.47	+3.4
S T WOOTEN CORPORATION WILSON, NC	63,378,839.01	+7.7
JOHNSON BROS CORPORATION, A SOUTHLAND CO ROANOKE, TX	65,237,789.84	+10.9
DRAGADOS USA INC NEW YORK, NY	67,066,681.36	+14.0
MASSMAN CONSTRUCTION CO. OVERLAND PARK, KS	79,332,919.10	+34.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST, 2016
DIVISION 00003

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C203868
52038.3.1

NHPP-0040(017)
NEW HANOVER
I-5760
08/16/2016

PROPOSAL LENGTH 7.442 MILES
TYPE OF WORK MILLING, RESURF, SHDR RECON, SIGNALS, BRG APPR & JT REPAIR.
LOCATION I-140 FROM US-421 TO 0.640 MILES EAST OF I-40.

EST CONST PROGRESS.... FY-2017..91% OF BID
FY-2018..09% OF BID

RPN 003 2 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 4,235,880.38

DATE AVAILABLE SEP 26 2016
FINAL COMPLETION AUG 25 2017

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	4,113,662.08	-2.9
S T WOOTEN CORPORATION WILSON, NC	4,146,089.30	-2.1

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 AUGUST, 2016
 DIVISION 00003

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C203888
 2017CPT.03.01.10651, 36249.3622, 45333.3.27

STATE FUNDED, HSIP-0117(029)
 NEW HANOVER
 W-5203AA, W-5601BB
 08/16/2016

PROPOSAL LENGTH 2.21 MILES
 TYPE OF WORK GRADING, DRAINAGE, MILLING, PAVING & SIGNALS.
 LOCATION US-117/NC-132 (SOUTH COLLEGE RD) FROM .05 MILES SOUTH OF WILSHIRE BLVD TO US-17 BUSINESS
 (MARKET ST) IN WILMINGTON.
 EST CONST PROGRESS.... FY-2017..93% OF BID
 FY-2018..07% OF BID

RPN 004 4 BIDDER(S) DBE GOAL 9.00 %
 ESTIMATE 3,805,230.02

DATE AVAILABLE SEP 26 2016
 INTER COMPLETION AUG 18 2017 COMPLETE ALL WORK EXCEPT FOR PLANTING, REFORESTATION, OR
 PERMANENT VEGETATION ESTABLISHMENT
 FINAL COMPLETION FEB 14 2018

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING COMPANY ROCKY MOUNT, NC	3,808,362.93	+0.1
SEALAND CONTRACTORS CORP CHARLOTTE, NC	4,108,784.76	+8.0
HIGHLAND PAVING COMPANY LLC FAYETTEVILLE, NC	4,435,811.15	+16.6
S T WOOTEN CORPORATION WILSON, NC	4,876,465.71	+28.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST, 2016
DIVISION 00007

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*RELET FROM 6/21/2016

* C203914
53029.3.1

NHPIM-0085(3)117
GUILFORD, RANDOLPH
I-5738, I-5789, I-5821
08/16/2016

PROPOSAL LENGTH 7.4 MILES
TYPE OF WORK PAVEMENT AND BRIDGE REHABILITATION.
LOCATION I-85 FROM I-85 BUSINESS TO MAIN STREET IN ARCHDALE.

EST CONST PROGRESS.... FY-2017..49% OF BID
FY-2018..43% OF BID
FY-2019..08% OF BID

RPN 005 2 BIDDER(S) DBE GOAL 3.00 %
ESTIMATE 17,449,433.72

DATE AVAILABLE SEP 26 2016
FINAL COMPLETION NOV 01 2018

	\$ TOTALS	% DIFF
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	14,981,507.83	-14.1
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	18,195,000.00	+4.3

JUNE 21, 2016 LETTING

53029.3.1
NHPIM-0085(3)117
GUILFORD, RANDOLPH
I-5738, I-5789, I-5821
RPN 009

PAVEMENT AND BRIDGE REHABILITATION.

DATE AVAILABLE AUG 01 2016
FINAL COMPLETION OCT 01 2018

ENGINEER'S ESTIMATE

\$15,088,304.67

	\$ TOTALS	% DIFF
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	18,651,885.24	+23.6
THE LANE CONSTRUCTION CORPORATION CHESHIRE, CT	22,417,748.54	+48.6
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	26,182,887.17	+73.5

AU 16, 2016 LETTING

53029.3.1
NHPIM-0085(3)117
GUILFORD, RANDOLPH
I-5738, I-5789, I-5821
RPN 005

PAVEMENT AND BRIDGE REHABILITATION.

DATE AVAILABLE SEP 26 2016
FINAL COMPLETION NOV 01 2018

ENGINEER'S ESTIMATE

\$17,449,433.72

	\$ TOTALS	% DIFF
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	14,981,507.83	-14.1
ZACHRY CONSTRUCTION CORPORATION SAN ANTONIO, TX	18,195,000.00	+4.3

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 AUGUST, 2016
 DIVISION 00009

C203862
 34872.3.4

NHP-0421(087)
 FORSYTH
 U-2827B, C-5620A
 08/30/2016

PROPOSAL LENGTH 1.2 MILES
 TYPE OF WORK DESIGN BUILD.
 LOCATION US-421/I-40 BUS FROM W OF FOURTH ST TO E OF CHURCH ST AND MULTI-USE PATH FROM FOURTH ST TO LIBERTY ST.

EST CONST PROGRESS.... FY-2017..11% OF BID
 FY-2018..22% OF BID
 FY-2019..27% OF BID
 FY-2020..21% OF BID
 FY-2021..15% OF BID
 FY-2022..04% OF BID

RPN 001 4 BIDDER(S) DBE GOAL 12.00%
ESTIMATE 106,693,600.00

DATE AVAILABLE SEP 26 2016
 FINAL COMPLETION NOV 15 2021

QUALITY ADJUSTED PRICE RANKING

PROPOSAL	TECH SCORE	QUALITY CREDIT %	ACTUAL CONT AMT (PRICE PROP)	ACT % DIFF	QUALITY VALUE	CONT AWARD BASIS (ADJ PRICE)	ADJ % DIFF
FLATIRON CONSTRUCTORS, INC.	88.50	18.50	99,190,380.00	-7.03	18,350,220.30	80,840,159.70	-24.23
* THE LANE CONSTRUCTION	95.00	25.00	125,037,269.00	+17.19	31,259,317.25	93,777,951.75	-12.11
* BOND EXECUTED IMPROPERLY							
* INCORRECT DATE ON BID BOND/POA							
BLYTHE CONSTRUCTION, INC.	81.50	11.50	119,975,000.00	+12.45	13,797,125.00	106,177,875.00	-0.48
* PCL CIVIL CONSTRUCTORS INC	82.00	12.00	142,210,655.00	+33.29	17,065,278.60	125,145,376.40	+17.29
* BID EXECUTED IMPROPERLY							
* BOND EXECUTED IMPROPERLY							
* APPROPRIATE TITLE NOT SELECTED & INCORRECT DATE ON BID BOND/POA							

* DENOTES IRREGULAR BID

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST, 2016

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PROPOSAL	PROPOSED COMPLETION DATE
FLATIRON CONSTRUCTORS, INC. BLYTHE DEVEI	NOV 01 2020
THE LANE CONSTRUCTION CORPORATION	DEC 10 2020
BLYTHE CONSTRUCTION, INC.	SEP 20 2021
PCL CIVIL CONSTRUCTORS INC	NOV 15 2021

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 AUGUST, 2016
 DIVISION 00011

C203821
 34605.3.2

STATE FUNDED
 ALLEGHANY
 R-4060
 08/16/2016

PROPOSAL LENGTH 0.65 MILES
 TYPE OF WORK GRADING, DRAINAGE, PAVING, RETAINING WALLS, AND STRUCTURES.
 LOCATION US-21 (SPARTA WESTERN LOOP) FROM SR-1172 (GRANDVIEW DRIVE) TO US-21.

EST CONST PROGRESS.... FY-2017..52% OF BID
 FY-2018..42% OF BID
 FY-2019..06% OF BID

RPN 006 6 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
 ESTIMATE 5,784,976.38

DATE AVAILABLE SEP 26 2016
 INTER COMPLETION OCT 01 2018 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR
 PERMANENT VEGETATION ESTABLISHMENT
 MAR 01 2017 COMPLETE WORK REQUIRED OF CONSTRUCTING NEW FUEL STATION
 PAD & SITE, DRIVE D FROM STA. 9+99 TO 13+00
 MAR 01 2017 COMPLETE ALL WORK REQUIRED FOR CONSTRUCTING SUBGRADE &
 BASE STONE FROM -L- STA.17+63 TO 20+00 OF GRANDVIEW DR.
 MAR 01 2017 COMPLETE WORK REQUIRED OF GRADING THE NEW SALT BLDG. PAD &
 SITE WORK
 MAY 01 2017 COMPLETE WORK REQUIRED FOR PAVING THE FUEL STATION SITE AND
 OTHER LOCATIONS
 AUG 01 2017 COMPLETE ALL WORK REQUIRED PAVING DRIVE D, D1, D2, NEW SALT
 BLDG. LOADING AREA & DRIVEWAY CONNECTIONS
 FINAL COMPLETION MAR 29 2019

	\$ TOTALS	% DIFF
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	5,919,706.98	+2.3
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	6,083,298.82	+5.2
SOWERS CONSTRUCTION CO INC MOUNT AIRY, NC	6,306,651.42	+9.0
YOUNG & MCQUEEN GRADING CO INC BURNSVILLE, NC	6,381,923.51	+10.3
BRANCH HIGHWAYS, INC. ROANOKE, VA	6,484,542.55	+12.1
W. C. ENGLISH, INCORPORATED LYNCHBURG, VA	7,151,407.19	+23.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST, 2016
DIVISION 00012

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*RELET FROM 6/21/20116

* C203913
42303.3.FD1

BRZ-1302(41)
IREDELL
B-5142
08/16/2016

PROPOSAL LENGTH 0.4429 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #57 OVER CORNELIUS CREEK AND APPROACHES ON SR-1302.

EST CONST PROGRESS.... FY-2017..60% OF BID
FY-2018..40% OF BID

RPN 007 3 BIDDER(S) DBE GOAL 11.00 %
ESTIMATE 4,234,713.93

DATE AVAILABLE SEP 26 2016

INTER COMPLETION MAY 15 2018 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION, OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION NOV 11 2018

	\$ TOTALS	% DIFF
TRIANGLE GRADING & PAVING INC BURLINGTON, NC	4,764,250.17	+12.5
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	4,788,722.50	+13.1
DANE CONSTRUCTION, INC. MOORESVILLE, NC	5,016,286.94	+18.5

JUNE 21, 2016 LETTING

42303.3.FD1
BRZ-1302(41)
IREDELL
B-5142
RPN 020

GRADING, DRAINAGE, PAVING AND STRUCTURE.

DATE AVAILABLE AUG 01 2016
FINAL COMPLETION APR 30 2018

ENGINEER'S ESTIMATE

\$3,810,706.93

	\$ TOTALS	% DIFF
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	5,023,058.45	+31.8
LEE CONSTRUCTION COMPANY OF THE CAROLINAS, INC. PINEVILLE, NC	5,102,658.63	+33.9
HRI INC DBA HRI BRIDGE COMPANY STATE COLLEGE, PA	5,586,886.74	+46.6
DANE CONSTRUCTION, INC. MOORESVILLE, NC	6,637,536.24	+74.2

AUG 16, 2016 LETTING

42303.3.FD1
BRZ-1302(41)
IREDELL
B-5142
RPN 007

GRADING, DRAINAGE, PAVING AND STRUCTURE.

DATE AVAILABLE SEP 26 2016
FINAL COMPLETION NOV 11 2018

ENGINEER'S ESTIMATE

\$4,234,713.93

	\$ TOTALS	% DIFF
TRIANGLE GRADING & PAVING INC	4,764,250.17	+12.5
BLYTHE DEVELOPMENT CO. CHARLOTTE, NC	4,788,722.50	+13.1
DANE CONSTRUCTION, INC. MOORESVILLE, NC	5,016,286.94	+18.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST, 2016
DIVISION 00013

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C203912
2017CPT.13.02.10121, 2017CPT.13.02.20121, 2017CPT.13.02.20122, 51209.1B

STATE FUNDED
BURKE

08/16/2016

PROPOSAL LENGTH 78.75 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION EACH OF US-64 & I-40, 2 SECTIONS OF US-70, AND 51 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..84% OF BID
FY-2018..16% OF BID

RPN 008 2 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
ESTIMATE 5,731,011.41

DATE AVAILABLE SEP 26 2016
INTER COMPLETION JUL 31 2017 COMPLETE ALL WORK REQUIRED ON MAPS #19 & #20.
NOV 15 2016 COMPLETE ALL WORK REQUIRED ON MAP #59.
FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	5,833,680.19	+1.8
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	6,373,597.86	+11.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST, 2016
DIVISION 00013

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C203900
2017CPT.13.07.11001, 2017CPT.13.07.21001, 2017CPT.13.07.21002

STATE FUNDED
YANCEY

08/16/2016

PROPOSAL LENGTH 32.5 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION EACH OF US-19 & NC-197 AND 15 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..64% OF BID
FY-2018..36% OF BID

RPN 009 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 4.00%
ESTIMATE 2,385,119.96

DATE AVAILABLE MAR 15 2017
FINAL COMPLETION OCT 15 2017

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	2,341,224.59	-1.8
ROGERS GROUP INC NASHVILLE, TN	2,448,626.97	+2.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST, 2016
DIVISION 00014

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C203911

2017CPT.14.01.10441.1, 2017CPT.14.01.10501.1, 2017CPT.14.01.10871.1, 2017CPT.14.01.20441.1, 2017CPT.14.01.20501.1

STATE FUNDED
HAYWOOD, JACKSON, SWAIN

08/16/2016

PROPOSAL LENGTH 25.59 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION OF NC-215, 2 SECTIONS OF US-441, AND 16 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..81% OF BID
FY-2018..19% OF BID

RPN 010 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 2.00%
ESTIMATE 9,895,433.16

DATE AVAILABLE OCT 03 2016

FINAL COMPLETION OCT 31 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNK	10,302,179.50	+4.1
WNC PAVING , INC. WAYNESVILLE, NC	10,707,582.60	+8.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST, 2016
DIVISION 00014

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C203909

2017CPT.14.02.10451.1, 2017CPT.14.02.10751.1, 2017CPT.14.02.20451.1, 2017CPT.14.02.20751.1, 2017CPT.14.02.20881.1

STATE FUNDED
HENDERSON, POLK, TRANSYLVANIA

08/16/2016

PROPOSAL LENGTH 64.11 MILES
TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION 1 SECTION OF US-64, 2 SECTIONS OF NC-108, AND 48 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2017..81% OF BID
FY-2018..19% OF BID

RPN 011 2 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 5.00%
ESTIMATE 6,866,681.47

DATE AVAILABLE SEP 26 2016
INTER COMPLETION AUG 20 2017 COMPLETE ALL WORK REQUIRED FOR MAP #41
AUG 20 2017 COMPLETE ALL WORK REQUIRED FOR MAP #42
FINAL COMPLETION OCT 31 2017

	\$ TOTALS	% DIFF
ROGERS GROUP INC NASHVILLE, TN	7,366,487.29	+7.3
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNC	8,776,325.55	+27.8

HIGHWAY LETTING
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH N.C.
 AUGUST, 2016
 DIVISION 00014

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C203910

2017CPT.14.03.10221.1, 2017CPT.14.03.10501.1, 2017CPT.14.03.10871.1, 2017CPT.14.03.10871.2, 2017CPT.14.03.20201.1,
 2017CPT.14.03.20221.1, 2017CPT.14.03.20381.1, 2017CPT.14.03.20561.1

STATE FUNDED
 CLAY, JACKSON, SWAIN, CHEROKEE, GRAHAM, MACON

08/16/2016

PROPOSAL LENGTH 57.209 MILES
 TYPE OF WORK MILLING, RESURFACING, WIDENING, AND SHOULDER RECONSTRUCTION.
 LOCATION 1 SECTION EACH OF US-64 AND NC-28, 2 SECTIONS OF US-19, AND 22 SECTIONS OF SECONDARY
 ROADS.

EST CONST PROGRESS.... FY-2017..81% OF BID
 FY-2018..19% OF BID

RPN 012 1 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 4.00%
 ESTIMATE 11,283,677.85

DATE AVAILABLE SEP 26 2016
 INTER COMPLETION AUG 15 2017 COMPLETE ALL WORK REQUIRED FOR MAP #18.
 FINAL COMPLETION OCT 31 2017

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KNC	11,473,970.47	+1.7

ESTIMATE TOTAL	238,304,311.56	
LETTING TOTAL	224,608,563.87	-5.74

**NCDOT September 2016
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

Technical Services

Project Development and Environmental Analysis

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

DIVISION 3

Description of Work:	2014 Statewide Bridge Group 'G' LSC
Firm:	Dewberry Engineers, Inc., Raleigh, NC
Original Engineering Fee:	\$1,050,000.00
Supplemental Fee:	\$ 400,000.00
SPSF Utilization:	EEE Consulting, Inc. \$80,000.00 20%
DBE/WBE/SPSF Utilization:	Planning Communities, LLC \$60,000.00 15%
SPSF Utilization:	Ramey Kemp & Associates, Inc. \$20,000.00 5%

DIVISION 13

Project:	34165.1.2 (I-2513) Buncombe County Asheville – I-240 and New Route from I-26 to US 19-23-70
Description of Work:	Updating technical studies and preliminary design, and preparing a Final Environmental Impact Statement and Record of Decision
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Original Engineering Fee:	\$1,150,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

STATEWIDE

Description of Work:	2015 Planning and Design LSC
Firm:	TGS Engineers, Shelby, NC
Original Engineering Fee:	\$1,500,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	100%

Hydraulics

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 Hydraulic Design on an as needed basis for various federal-aid and state funded projects to support the Hydraulics Unit. These contracts will expire 1 year 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. These are for information only.

STATEWIDE

Description of Work:	2016 Hydraulic Design LSC
Firm:	Moffatt & Nichol, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,250,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	AMEC Foster Wheeler Environment & Infrastructure, Inc., Durham, NC
Maximum Engineering Fee:	\$2,400,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	ESP Associates, PA, Charlotte, NC
Maximum Engineering Fee:	\$400,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	HNTB of North Carolina, PC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Atkins North America, Inc., Raleigh, NC
Maximum Engineering Fee:	\$2,400,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Limnotech, Ann Arbor, Michigan
Maximum Engineering Fee:	\$750,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	HDR Engineering, Inc. of the Carolinas, Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Sungate Design Group, PA, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2016 Hydraulic Design LSC
Firm:	ICA Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Tetra Tech Engineering, PC, Research Triangle Park, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Dewberry Engineers, Inc., Raleigh, NC
Maximum Engineering Fee:	\$900,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	MI Engineering, PLLC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/SPSF Utilization:	100%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Ecological Engineering, LLP, Cary, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2016 Hydraulic Design LSC
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,250,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Kimley-Horn & Associates, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Wetherill Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Rummel, Klepper, & Kahl, LLP, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Intera NC, PLLC, Austin, Texas
Maximum Engineering Fee:	\$250,000.00
SPSF Utilization:	0%

Description of Work:	2016 Hydraulic Design LSC
Firm:	TGS Engineers, Shelby, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Stantec Consulting Services, Inc., Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Alpha & Omega Group, PC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Draper Aden Associates, Coats, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	WSP/Parsons Brinckerhoff, Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	Summit Design and Engineering Services, PLLC, Hillsborough, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	2016 Hydraulic Design LSC
Firm:	WithersRavenel, Inc., Cary, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	0%
Description of Work:	2016 Hydraulic Design LSC
Firm:	ICE of Carolinas, PLLC, Raleigh, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%
Description of Work:	2016 Hydraulic Design LSC
Firm:	MA Engineering Consultants, Inc., Cary, NC
Maximum Engineering Fee:	\$500,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work: 2016 Hydraulic Design LSC
Firm: Sepi Engineering & Construction, Inc., Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2016 Hydraulic Design LSC
Firm: STV Engineers, Inc., Charlotte, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2016 Hydraulic Design LSC
Firm: W. K. Dickson & Co., Inc., Charlotte, NC
Maximum Engineering Fee: \$250,000.00
SPSF Utilization: 0%

Description of Work: 2016 Hydraulic Design LSC
Firm: Mead & Hunt, Inc., Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2016 Hydraulic Design LSC
Firm: Calyx Engineers and Consultants, Raleigh, NC
Maximum Engineering Fee: \$500,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2016 Hydraulic Design LSC
Firm: Vaughn & Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Description of Work: 2016 Hydraulic Design LSC
Firm: The Louis Berger Group, Inc., Raleigh, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 0%

Photogrammetry

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 Photogrammetric Mapping Services on an as needed basis for various federal-aid and state funded projects to support the Photogrammetry Unit. These contracts will expire January 7, 2018 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. These are for information only.

STATEWIDE

Description of Work:	2016 Photogrammetric Mapping Services LSC
Firm:	Avioimage Mapping Services, Inc., Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2016 Photogrammetric Mapping Services LSC
Firm:	Independent Mapping Consultants, Inc., Charlotte, NC
Maximum Engineering Fee:	\$500,000.00
SPSF Utilization:	100%

Description of Work:	2016 Photogrammetric Mapping Services LSC
Firm:	ESP Associates, PA, Charlotte, NC
Maximum Engineering Fee:	\$300,000.00
SPSF Utilization:	0%

Roadway Design

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 prepare Right of Way and Let Plans for the 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 5

Project:	42838.1.1 (B-5237) Wake County Replace Bridge 248 over Mahler's Creek on SR 2703
Scope of Work:	Prepare Right of Way and Let Plans
Estimated Construction Cost:	\$2,000,000.00
Firm:	Mead & Hunt, Inc., Raleigh, NC
Maximum Engineering Fee:	\$150,000.00
SPSF Utilization:	0%

Field Support

Structures Management

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract is 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:	2015 Structures Management Support LSC
Firm:	Mott MacDonald I&E, LLC, Fuquay-Varina, NC
Original Engineering Fee:	\$ 500,000.00
Supplemental Fee:	\$1,000,000.00
SPSF Utilization:	0%

Transit

Ferry

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 Naval Architecture and Related Engineering Services on an as needed basis for various federal-aid and state funded projects to support the Ferry Division. These contracts will expire two (2) years (with up to three (3) 1-year extensions) 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. These are for information only.

STATEWIDE

Description of Work:	2016 LSC for Naval Architecture and Related Engineering Services
Firm:	AECOM Technical Services of North Carolina, Inc., Raleigh, NC
Maximum Engineering Fee:	\$4,000,000.00
SPSF Utilization:	Cheatham and Associates, PA \$400,000.00 10%

Description of Work:	2016 LSC for Naval Architecture and Related Engineering Services
Firm:	DeJong & Lebet, Inc., Jacksonville, Florida
Maximum Engineering Fee:	\$6,000,000.00
SPSF Utilization:	100%

Description of Work:	2016 LSC for Naval Architecture and Related Engineering Services
Firm:	Elliott Bay Design Group, Seattle, Washington
Maximum Engineering Fee:	\$6,000,000.00
SPSF Utilization :	0%

Rail

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:	41141.1.1 (U-5008) Mecklenburg County Charlotte Railroad Improvement Safety Project (CRISP) Grade Separation on SR 2975 (E. Sugar Creek Road) over NS/NCRR Crossing No. 715 352H
Scope of Work:	Roadway, Structure, Hydraulic Designs; Erosion Control, Utility Coordination/Design; Geotechnical, Traffic Management and Signing
Estimated Construction Cost:	\$16,700,000.00
Firm:	Sepi Engineering and Construction, Inc., Raleigh, NC
Original Engineering Fee:	\$713,185.19
Supplemental Fee:	\$ 55,667.32
Supplemental Work:	Utility and Roadway Coordination
SPSF Utilization:	0%

Planning & Programming

Transportation Planning

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:	44534.1.1 (M-0500) Statewide Freight Plan Development of The North Carolina Statewide Multi-Modal Freight Plan
Scope of Work:	
Firm:	Cambridge Systematics, Inc. Cambridge, Massachusetts
Original Engineering Fee:	\$1,907,507.50
Supplemental Fee:	\$ 395,569.04
Supplemental Work:	Additional work for the Truck Parking Study
SPSF Utilization:	0%

NCDOT September 2016 Board of Transportation Agenda

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.

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No./ Road Name	Description	Amount
Dare Div. 1	Various	Various Pipe Replacements. Increase Funds. WBS 1C.028034	\$20,000.00
Union Div. 10	Various	Spot Improvements, Spot Stabilization, Paved Road Improvements, Replacement of Small Bridges, Safety Projects, Etc. Increase Funds. WBS 10C.090029	\$858,906.41
Rutherford Div. 13	Fleece Lane	Upgrade to Acceptable Maintenance. WBS 13C.081116	\$25,000.00

Closings

County	SR No./ Road Name	Description	Amount
Martin Div. 1	SR 1325 Old Cotton Road	GDB&P. Increase and Close. WBS 1C.058033	\$2,781.76

Deletions

County	SR No.	Reason	Amount
Union Div. 10	SR 1336 Chambwood Road	Reclaim and Pave. Funded By Another Source. WBS 10C.090136	-\$365,000.00
Union Div. 10	SR 1620 Baucom Road	Reclaim and Pave. Funded By Another Source. WBS 10C.090138	-\$242,640.45
Union Div. 10	SR 1514 Rocky River Road	Paved Road Improvements. Funded By Another Source. WBS 10C.090139	-\$132,000.00
Buncombe Div. 13	SR 3441 Moores Creek Road	GDB&P. Unavailable Right of Way. WBS 13C.011214	-\$174,815.38
Henderson Div. 14	SR 1194 Patterson Road	GDB&P. Unavailable Right of Way. WBS 14C.045160	-\$6,781.14
Swain Div. 14	SR 1363 Hyatt Road	GDB&P. Unavailable Right of Way. WBS 14C.087073	-\$10,726.24

**North Carolina Department of Transportation
Fiscal Year 2017 Secondary Roads Statewide Paving Program**

Session Law 2013-183, Section 2.6(d) provides \$12M recurring funds for the paving of unpaved secondary roads. Section 2.5 requires the Department to develop a statewide paving priority list for the paving of unpaved secondary roads. Session Law 2016-94, Section 35.7(a) requires the Department to expend fifty percent (50%) of the funds allocated to the paving of unpaved secondary roads for the paving of unpaved secondary roads based on a statewide prioritization. Section I is a listing of the first \$6,000,000.

SECTION I (a): The following roads were initially funded previous FY Allocations and require additional program funds for completion of Preliminary Engineering and Construction activity:

FY Funding	Division	County	Length (Miles)	SR #	Road Name	Amount
2017 Const	3	Brunswick	0.40	1131	Foot Cumbee Road	\$335,000.00
2017 Const Increase	3	Onslow	0.07	1478	Humphrey Road Ext.	\$10,000.00
2017 Const Increase	5	Wake	0.82	1400	Ballentyne Dairy Road	\$76,000.00
2017 Const Increase	6	Bladen	1.80	1310	Pone Loop Road	\$900,000.00
2017 Const Increase	8	Chatham	0.34	1914	Crosspoint Road	\$60,000.00
2017 Const Increase	11	Caldwell	0.80	1428-B	Setzer's Gap Road	\$800,000.00
2017-PE Increase	11	Watauga	1.20	1137	Justus Road	\$10,000.00
2017-PE Increase	11	Watauga	1.22	1526-C	Sampson Road	\$25,000.00
2017 Const Increase	11	Watauga	2.05	1353	Hardin Road (Partial Fund)	\$1,650,000.00
2017 Const Increase	12	Iredell	0.51	1527	Linden Loop	\$50,000.00
2017 Const Increase	14	Haywood	1.70	1338-A	White Oak Road	\$10,000.00
2017 Const Increase	14	Jackson	0.39	1584	Timbuktu Road	\$12,500.00
2017 Const Increase	14	Jackson	0.93	1750	Luker Branch Road (Woods Branch)	\$100,000.00
						\$4,038,500.00

SECTION I (b): The following roads have not been previously funded. Right of way is now available for paving or property owners have expressed a desire to donate right of way for paving:

FY Funding	Division	County	Length (Miles)	SR #	Road Name	Amount
2017 Const	1	Perquimans	0.09	1468	Sassafras Drive	\$125,000.00
2017 Const	4	Nash	0.09	1339	Briwig Road	\$30,000.00
2017 Const	7	Guilford	0.15	1190	Bradfelt Street	\$80,000.00
2017 Const	14	Cherokee	0.37	1529	Goldie Garret Road	\$346,219.00
2017 Const	14	Cherokee	0.15	1400	Griggs Road	\$120,986.00
2017 Const	14	Clay	0.10	1145	Coker Road	\$195,000.00
2017 Const	14	Graham	0.60	1125	Buchanan Branch Road	\$631,209.00
2017 Const	14	Henderson	0.18	1690	Broadpoint Drive	\$300,000.00

\$1,828,414.00

Total Roads Programmed **\$5,872,500.00**
 Funding for PE, O/D's And Contingencies **\$133,086.00**
FY 2017 Appropriation for Section I \$6,000,000.00

Session Law 2016-94, Section 35.7(a) also requires the Department to expend the remainder of the funds equally among the 14 Highway Divisions for the paving of unpaved secondary roads within each Highway Division based on the same statewide prioritization.

SECTION II: The following roads are listed as a part of the second \$6,000,000 divided equally among the 14 Highway Divisions and are ready for programming.

FY Funding	Division	County	Length (Miles)	SR #	Road Name	Amount
2017 Const	2	Carteret	0.50	1168	Russel Creek Road (Partial Fund)	\$428,571.00
2017 Const	3	Brunswick	0.70	1153	Watts Road (Partial Fund)	\$428,571.00
2017-PE	13	Mitchell	3.45	1320	Sam's Branch Road	\$203,000.00
2017-PE	13	Mitchell	0.21	1310	Union Hill Church Road	\$10,000.00
2017-PE	13	Mitchell	0.39	1322	Peterson Road	\$15,000.00
2017 Const	13	Buncombe	0.15	1519	Southview MHP Drive	\$200,571.00

\$1,285,713.00

Sub-total for Section II **\$1,285,713.00**
 Amount to be programmed on Future Item E Agendas **\$4,714,287.00**
FY 2017 Appropriation for Section II \$6,000,000.00

September 2016 Item E Summary:

14	Projects to Increase Funds	Amount:	\$4,582,406.41
16	Projects to Establish Funds	Amount:	\$3,474,127.00
1	Projects to Increase and Close	Amount:	\$2,781.76
6	Projects to Delete	Amount:	(\$931,963.21)

NCDOT September 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Dare	51156	0.12	GH Balance Subdivision Empire Gem Lane	8/3/16
Pasquotank	51157	0.07 0.06 0.06 0.23 0.11 0.09 0.41 0.11 0.13 0.07 0.23 0.53 0.14 0.55	Queenswood Subdivision Camelot Court Tiara Court Royalty Way Princess Anne Circle, SR 1259 Ext. Majesty Court Maidens Court Kingswood Blvd, SR 1272 Ext. King Arthur Court Jester Court Cardinal Court Esquire Lane Queenswood Blvd, SR 1273 Ext. Enchanted Way Duchess Lane, SR 1276 Ext.	6/27/16
Pasquotank	51158	0.27	Oak Ridge Subdivision Linwood Drive, SR 1465 Ext.	7/21/16
Division 2				
Craven	51159	0.23	Oak Creek Estates at Carolina Pines Subdivision Wadkins Blvd, SR 1923 Ext.	5/7/15
Craven	51160	0.08 0.17	Heritage Farms Subdivision Harvest Blvd Grist Mill Drive	5/12/16
Division 3				
Onslow	51161	0.21 0.20 0.29 0.19	River Bluff Subdivision South Bluff Circle South Brandon Way Cypress Manor Court East Howard Drive	6/28/16
Onslow	51162	0.20	Oakwood Subdivision Oakwood Drive, SR 1776 Ext.	6/2/16
Division 4				
Johnston	51163	0.08 0.52 0.10	Kyndal Subdivision Kyndallee Lane Colson Drive Kason Drive	6/16/16

September 8, 2016

NCDOT September 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 4				
Johnston	51164		Adams Point Subdivision	5/16/16
		0.24	Fawn Hill Court	
		0.17	Morning Mist Drive	
		1.38	Fieldtrial Circle	
		0.35	Club Hill Drive	
		0.36	Suntree Lane	
		0.41	Meadowmist Drive	
		0.87	Adams Point Drive	
		0.32	Sporting Club Drive	
		0.13	Airedale Trail	
Nash	51165		West Hampton Subdivision	7/11/16
		0.59	West Hampton Drive	
		0.31	Cambridge Drive	
Division 5				
Durham	51166		Laurel Glenn Subdivision	6/9/16
		0.36	Bungalow Avenue, SR 2036 Ext.	
		0.03	Azzi Court	
		0.08	Artis Lane	
		0.03	Featherglenn Court	
Granville	51167		Applewood Subdivision	6/28/16
		0.15	Fireside Lane	
		0.03	Empire Court	
		0.02	Harvest Court	
Wake	51168		Arranglen Subdivision	6/22/16
		0.19	Marwick Court	
Division 6				
Harnett	51169		Bennett Place Subdivision	7/7/16
		0.29	Natures Way	
		0.08	Beaver Creek Drive	
Division 7				
Guilford	51170		Olde Forest Subdivision	6/28/16
		0.09	Olde Province Court	
Guilford	51171		Fairgrove Forest Subdivision	6/28/16
		0.17	Bowling Green Drive	
		0.31	Teralda Place	

NCDOT September 2016 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 7				
Orange	51172		Phoenix Place Subdivision	3/18/16
		0.17	Phoenix Drive	
		0.16	Lizzie Lane	
		0.13	Edgar Street	
		0.04	Gracie Circle	
Division 8				
Chatham	51173		Valley View Subdivision	7/21/16
		0.08	Phoebe Lane	
Chatham	51174		Horizon Subdivision	6/29/16
		0.89	Horizon Drive	
		0.15	Coley Court	
Division 10				
Cabarrus	51175	0.58	Caldwell Park Drive	2/26/16
Mecklenburg	51176	0.70	Caldwell Park Drive	1/25/16
Union	51177		Lake Forest Subdivision	5/26/16
		0.27	Lake Forest Drive, SR 3675 Ext.	
		0.05	Timber Top Court	
		0.08	Pine Needle Court	
		0.34	Twin Lakes Drive, SR 3873 Ext.	
Division 12				
Iredell	51178		Davidson Downs Subdivision	3/10/16
		0.09	Buckingham Road	
Deletions:				
County	Pet. No.	Length (Miles)	Description	Date of Report
Division 2				
Lenoir	51179	0.59	Portion of SR 2029 Daly Waldrop Road	6/6/16
Division 4				
Wilson	51180	0.31	SR 1220 Cisterna Road	6/22/16
Division 5				
Durham	51181	0.07	SR 2078 Maughan Drive	6/20/16

September 8, 2016

NCDOT September 2016 Board of Transportation Agenda

Deletions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 5				
Durham	51182	0.07	SR 2463 Rose Petal Drive	6/23/16
Division 7				
Rockingham	51183	0.13	Portion of SR 1930 Preston Road	2/29/16
Rockingham	51184	0.02	Portion of SR 2428 Beville Road	6/9/16
Division 9				
Forsyth	51185	0.02	Portion of SR 4600 Water Mill Court	7/18/16
Division 14				
Henderson	51186	0.18	Portion of SR 1530 Cloverdale Drive	7/21/16

Corrections: Wilkes County – Petition Number 51150, Plaza Drive was added for 0.50 miles. The correct mileage should be 0.05 miles.

Summary: **Number of Roads Petitioned for Addition – 65**
 Number of Roads Petitioned for Abandonment – 8

NCDOT SEPTEMBER 2016 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

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 1 Dare	Hatteras – Upgrade Empire Gem Rd to minimum state standards WBS 44928	Contingency <u>TOTAL</u>	\$20,000.00 <u>\$20,000.00</u>
Div 1 Washington	WBS 44614 was established (04/16) to design plans for replacement of bridge # 26 on SR 1155 over the Scuppernon River; revise scope to include replacement Increase funds	Contingency <u>TOTAL</u>	\$400,000.00 <u>\$400,000.00</u>
Div 3 Brunswick	Town of Shallotte – Install 205ft of 18in pipe along US-17 Business (Main St) 680ft south on intersection of US-17 Business and SR 1173 WBS 45859	Small Construction <u>TOTAL</u>	\$30,000.00 <u>\$30,000.00</u>
Div 3 New Hanover	City of Wilmington – WBS 44344 was established (12/14) to install new 125' crossing surface over River Rd and relocate crossing signals to create new spur Increase & close	Econ Development <u>TOTAL</u>	\$12,218.49 <u>\$12,218.49</u>
Div 5 Wake	Installation of ribbon pavement on SR 2707 (Bryan Rd) for school bus travel with shoulder & ditch sections between SR 2709 (Ackerman Rd) and SR 2706 (Clifford Rd) & signalize Hebron Ch/White Oak Rd WBS 44925	Contingency <u>TOTAL</u>	\$678,054.00 <u>\$678,054.00</u>
Div 6 Cumberland	City of Fayetteville – Upgrade Botanical Garden directional signing WBS 44930	Contingency <u>TOTAL</u>	\$30,000.00 <u>\$30,000.00</u>
Div 11 Alleghany	Town of Sparta – WBS 44153 was established (03/14) for milling, paving, drainage improvements, curb & gutter, and sidewalk along NC-18 from Alleghany St to Grayson St Increase & close	Small Construction <u>TOTAL</u>	\$23,789.49 <u>\$23,789.49</u>

NCDOT SEPTEMBER 2016 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

County	Description	Type	Amount
Div 11 Ashe	Upgrade Ivy Hill Rd to minimum State standards WBS 44783	Contingency <u>TOTAL</u>	\$50,000.00 <u>\$50,000.00</u>
Div 11 Surry	Town of Pilot Mountain – Realignment of Hamlin St at the intersection of SR 1857 (East Main St) WBS 44926	Econ Development <u>TOTAL</u>	\$200,000.00 <u>\$200,000.00</u>
Div 11 Yadkin	Town of Jonesville – WBS 43682 was established (01/13) to construct a new roundabout on NC-67 at SR 1432 (Philips Van-Heusen Rd) Increase & close	Small Construction <u>TOTAL</u>	\$14,330.45 <u>\$14,330.45</u>
Div 12 Iredell	Town of Mooresville – WBS 44234 was established (06/14) for the construction of Cornelius-Mazeppa Rd beginning at the termini of existing SR1302 (Cornelius Rd) and ending at the termini of existing SR 2395 (Mazeppa Rd); proposed construction is approximately 1 mile in length consisting of two 12' travel lanes with 6' bike lanes of each side Increase & close	Small Construction <u>TOTAL</u>	\$24,076.71 <u>\$24,076.71</u>

Summary:	Number of Projects	11
	Number of Divisions	6
	Small Construction Commitment	\$92,196.65
	Public Access Commitment	\$0.00
	Contingency Commitment	\$1,178,054.00
	Economic Development	\$212,218.49
	TOTAL	\$1,482,469.14

Division	Project Description	Estimated Cost	
		\$1,200,000	Total
		\$0	Federal
		\$1,200,000	State
		\$0	Local
7	17-DG-025 - The City of High Point in conjunction with the High Point Market Authority is requesting funds to support transportation for the annual Fall and Spring furniture markets in High Point. The funds will be used to provide free shuttle services for market attendees from Piedmont Triad area hotels and designated park and ride lots to the Home Furnishings Market, and for circulator services in the High Point showroom district. These circulator and shuttle service will be provided by numerous private transportation providers procured and organized by the High Point Market Authority. This is a request to disburse up to \$600,000 for each market subject to appropriations by the Legislature.		
		\$54,000	Total
		\$0	Federal
		\$54,000	State
		\$0	Local
7, 9, 5, 12, 11, 13	17-DG-041, 17-DG-037, 17-DG-030, 17-DG-087, 17-DG-080 - PTD is working with the NCDHHS to implement an automated claims process. Pilot counties have been selected to create the interfaces required to upload the claims from our routing and scheduling software to NCTracks (DHHS Software). It involves County DHHS, County transit systems and NCDHHS. This pilot will include Alamance County Transportation, Rowan Transit System, Kerr Area Regional Transportation, Lincoln County Transportation, Western Piedmont Regional Transportation Authority. The period of performance will be August 1, 2016 - June 30, 2017.		

Item I-1 ; 2 Projects ; Total Federal and State Funds \$1,254,000

ADDITIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5226	Charlotte Area Transit System	Replacement Bus – CMAQ Application MU#2012-3	5307	CMAQ		3,864	3,864				
			Local	L		966	966				
TQ-6957	Charlotte Area Transit System	Operating Projects for Enhanced Mobility of Seniors and Individuals with Disabilities	FEPD	5310	560	295	305	314	323	333	343
			Local	L	560	295	305	314	323	333	343
					FY 23	FY 24	FY 25				
		CONTINUED	FEPD	5310	353	364	375				
			Local	L	353	364	375				
TQ-7009	Charlotte Area Transit System	Administrative Oversight for 5310	FEPD	5310	70	33	34	35	36	37	38
					FY 23	FY 24	FY 25				
		CONTINUED	FEPD	5310	39	41	42				
TG-5248	Chapel Hill Transit System	Improvements to the Chapel Hill Transit Campus, system-wide improvements to transit stops, purchase of bus stop amenities, capital procurement administration	FBUS	5339	427						
			Local	L	107						
TA-5193	GoTriangle	Purchase of Replacement Vehicles	FUZ	5307	380						
			Local	L	63						
			FBUS	5339		380					
			Local	L		95					
TA-5195	GoTriangle	Purchase Replacement Vehicle	JARC	5316		380					
			Local	L		95					

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TA-5144	Durham Area Transit Authority	Purchase of Buses and Paratransit Vehicle	FBUS	5339	926	841					
			Local	L	225	168					
TA-4923	Durham Area Transit Authority	Replacement of Batteries, Bus Refurbishment, Purchase Replacement Paratransit Vehicles and Purchase of Replacement Buses	5307	STPDA	3,618	400	440	484	533	586	645
			State	S	285						
			Local	L	666	100	110	121	133	147	161

TA-5019A	Durham Area Transit Authority	Purchase of Paratransit Vehicles, Bus Refurbishment, and Bus Shelters	5307	STPDA	35						
			Local	L	9						
TG-4738	Durham Area Transit Authority	Routine Capital – Bus Stop Shelters, Benches, Shop Equipment, Spare55 Parts, Engines, Service Vehicles, etc.	FUZ	5307	3,777	4,155	4,570	5,027	5,530	6,083	6,691
			Local	L	944	1,039	1,142	1,257	1,382	1,521	1,673
		CONTINUED			FY 23						
			FUZ	5307	7,360						
			Local	L	1,840						

ADMINISTRATIVE MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TG-6176	Charlotte Area Transit Authority	Replacement of Fare boxes on CATS Buses	5307	STPDA	3,500						
			Local	L	875						

Item I-1A, 11 Projects, Total Federal/State funds \$69,032,000

Town/County Division	NCDOT September 2016 Board of Transportation Agenda Rail Program Project Description	Estimated Cost
Wake, Durham and Alamance Counties	The Rail Division requests approval to award a contract to the lowest responsive bidder, BAR Construction Company, Inc. for Passenger Information Display Systems (PIDS) at three train stations: Cary, Durham, and Burlington as part of the Piedmont Improvement Project. The award will be for a general construction contract and includes electrical, mechanical, structural, and architectural infrastructure. The funding source is 100% USDOT ARRA. The total amount of the bid was \$248,000 dollars. The project design, bidding, and construction will comply with State Construction Office requirements. TIP P-2918	\$248,000

ITEM I-2 SUMMARY – 1 PROJECT(S) – (TOTAL FEDERAL AND STATE) \$248,000

NCDOT September 2016 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation Program

Town/County Division	Project Description	Estimated Cost	
Dare County Division 1	Dare County Planning Study Population 33,920 NCDOT Share 80% - \$87,500 Local 20% - \$17,500	\$105,000 \$87,500 \$0 \$17,500	Total Federal State Local
Marion McDowell Division 13	City of Marion Planning Study Population 7,930 NCDOT Share 80% - \$87,500 Local 20% - \$17,500	\$105,000 \$87,500 \$0 \$17,500	Total Federal State Local
Sanford Lee Division 6	City of Sanford Planning Study Population 28,094 NCDOT Share 80% - \$87,500 Local 20% - \$17,500	\$105,000 \$87,500 \$0 \$17,500	Total Federal State Local
Siler City Chatham Division 8	Town of Siler City Planning Study Population 7,887 NCDOT Share 80% - \$87,500 Local 20% - \$17,500	\$105,000 \$87,500 \$0 \$17,500	Total Federal State Local

ITEM I-3 SUMMARY – 4 PROJECTS – (TOTAL FEDERAL, STATE AND LOCAL) \$420,000

NCDOT September 2016 Board of Transportation Agenda

Aviation Program

Division Airport	Project Title Project Description [Partner Connect #]
Division 02 MRH - Michael J. Smith Field	UPDATE ALP AND EXHIBIT A Update Airport Layout Plan (ALP) as required by the Federal Aviation Administration. The ALP maintains the current status and future objectives of the airport and provides all involved agencies the opportunity to plan and communicate. Includes a Runway Length Analysis. [3014]
Division 02 OCW - Warren Field	RUNWAY 5-23 REHABILITATION (CONSTRUCTION) Rehabilitate and strengthen Runway 5-23 pavement and strengthen existing pavement to accommodate aircraft up to 60,000 lb. The Pavement Condition Index of the Apron is 54 - Poor. [3000]
Division 03 60J - Odell Williamson Municipal Airport	UPDATE ALP AND EXHIBIT A Update Airport Layout Plan (ALP) as required by the Federal Aviation Administration. The ALP maintains the current status and future objectives of the airport and provides all involved agencies the opportunity to plan and communicate. [3027]
Division 03 SUT - Cape Fear Regional Jetport	UPDATE ALP AND EXHIBIT A Update Airport Layout Plan (ALP) as required by the Federal Aviation Administration. The ALP maintains the current status and future objectives of the airport and provides all involved agencies the opportunity to plan and communicate. [2173]
Division 04 ETC - Tarboro- Edgecombe Airport	UPDATE ALP Update Airport Layout Plan (ALP) as required by the Federal Aviation Administration. The ALP maintains the current status and future objectives of the airport and provides all involved agencies the opportunity to plan and communicate. [3699]
Division 04 GWW - Wayne Executive Jetport	UPDATE ALP Update Airport Layout Plan (ALP) as required by the Federal Aviation Administration. The ALP maintains the current status and future objectives of the airport and provides all involved agencies the opportunity to plan and communicate. [3545]
Division 04 JNX - Johnson County Airport	FUEL FARM Construct fuel farm in a new location in order to reduce vehicle and aircraft interaction on an active taxiway and replace aging facility. [2923]
Division 04 W40 - Mount Olive Municipal Airport	UPDATE ALP, EXHIBIT A AND AC 150/5300-18B SURVEY Update the Airport Layout Plan (ALP) as required by the Federal Aviation Administration. The ALP maintains the current status and future objectives of the airport and provides all involved agencies the opportunity to plan and communicate. Includes FAA AC 150/5300-18B Survey. [3395]

Division Airport	Project Title Project Description [Partner Connect #]
Division 05 HNZ - Henderson-Oxford Airport	T-HANGARS, TAXILANES, AND ACCESS ROAD Relocate Taxilane and T-Hangars in order to meet separation standards. Construct T-Hangars to replace those damaged in the tornado last February. [3211]
Division 06 LBT - Lumberton Regional Airport	ALP UPDATE AND AC 150/5300-18B SURVEY (Grant Amendment) Additional funding necessary to update the Airport Layout Plan (ALP) as required by the Federal Aviation Administration. The ALP maintains the current status and future objectives of the airport and provides all involved agencies the opportunity to plan and communicate. [2844]
Division 06 LBT - Lumberton Regional Airport	TERMINAL BUILDING REPLACEMENT Construct new terminal building to replace the existing facility built in 1969 which no longer meets current standards or the needs of the airport. [2421]
Division 07 BUY - Burlington- Alamance Regional Airport	LAND ACQUISITION- MILLER AND BONHAM Acquire 2 parcels adjacent to the Runway 6 RSA (Runway Safety Area) in order to remove obstructions in the RPZ (Runway Protection Zone). Project allows restoration of approach minimums that were increased due to obstructions. [3564]
Division 07 BUY - Burlington- Alamance Regional Airport	TWIN ARCH CULVERT REHABILITATION Rehabilitate twin steel arch culvert (Gunn Creek). Clean and apply zinc rich paint over corroded areas, grout foundation voids/scour holes, remove sediment build-up and improve inlet/outlet channel geometry. [2611]
Division 07 SIF - Rockingham County / NC Shiloh Airport	APRON REHABILITATION Rehabilitate apron pavement in order to prevent further deterioration. The Pavement Condition index is 65 - fair. The asphalt General Aviation Apron has failed due to severe pavement distress and heaves caused by recent frost damage [3512]
Division 08 MEB - Laurinburg / Maxton Airport	APRON REHABILITATION AND TAXILANE & CORPORATE HANGAR DEVELOPMENT Rehabilitate a portion of the existing apron allowing aircraft to safely use the additional tiedowns and provide access to new hangars and includes site preparation, paving, and parking areas. The Pavement Condition Index of the Apron is 48 - poor. [2860]
Division 09 INT - Smith Reynolds Airport	REHABILITATE RUNWAY 4 (APPROX. 1,100 FT.) Rehabilitate a portion of Runway 4 due to its deteriorated and poor condition. Pavement failed according to FAA Part 139 inspection. Over 50% of the traffic at INT operates on Runway 4-22 due to the active flight school on site. This project represents the final portion of the runway requiring rehabilitation. [3148 – combine with 3534 and 3311 for bidding and grant reimbursement]
Division 09 INT - Smith Reynolds Airport	RECONSTRUCT TAXIWAY HOTEL Reconstruct Taxiway Hotel in order to prevent further deterioration or pavement. The taxiway PCI was 40 - Poor and contains severe cracking. [3534– combine with 3548 and 3311 for bidding and grant reimbursement]

Division Airport	Project Title Project Description [Partner Connect #]
Division 09 INT - Smith Reynolds Airport	NEW PARALLEL TAXIWAY Q (RELOCATION OF TAXIWAY A) (Design Only) Construct 6,655 foot taxiway parallel to Runway 15-33 on the northeast side of the Runway. Relocates Taxiway in order to meet current separation standards from ILS Runway 15-33 as required by FAA standards. [3311– combine with 3534 and 3348 for bidding and grant reimbursement]
Division 09 RUQ - Rowan County Airport	RUNWAY OVERLAY Overlay Runway 02-20 and rehabilitate blast pad on Runway 02 in order to prevent further deterioration of the runway pavement. The Runway Pavement Condition Index was 63 - Fair. [2766]
Division 10 EQY - Charlotte-Monroe Executive Airport	APRON REHABILITATION (AREAS A, B AND SOUTH HALF OF C) Rehabilitate apron pavement in order to prevent further deterioration of pavement. The Apron Pavement Condition Index was 52 - Poor. Includes stone base rehabilitation, underdrains, and repaving of bituminous concrete surface course will be required. [2810]
Division 11 7A8 - Avery County / Morrison Field	RUNWAY REHABILITATION Full depth pavement rehabilitation of Runway 17-35 in order to prevent further deterioration of runway pavement. The Runway Pavement Condition Index was 49-Poor. [3091]
Division 11 GEV - Ashe County Airport	WATERLINE TO TERMINAL (Design Only) Design waterline to supply terminal area with sufficient flow in order to meet the aeronautical needs of the airport. [3034]
Division 11 MWK - Mount Airy Airport	LAND ACQUISITION (REIMBURSEMENT) Reimburse eligible expenses associated with land acquisition of parcels on Holly Avenue impacting the Runway Object Free Area. [3366]
Division 11 MWK - Mount Airy Airport	Extend Runway and Taxiway; Rehabilitate, Widen, and Strengthen Runway Extend runway and taxiway to 5500 feet in order to meet current and future operational needs of the airport. Project widens the existing runway to 100', rehabilitates and strengthens existing pavement to achieve 30,000 lbs DWG and replaces lighting. Runway Pavement Condition Index was 63 – Fair. [2596/2597/2599]
Division 11 UKF - Wilkes County Airport	PARALLEL TAXIWAY REHABILITATION Rehabilitate existing parallel and connector taxiways in order to prevent further deterioration of taxiway pavement and construct a new connector taxiway to eliminate direct access from the apron. Pavement Condition Index was 63 – Fair. [3055]
Division 12 HKY - Hickory Regional Airport	MASTER PLAN UPDATE Update Airport Master Plan to address differing demand on the airfield as a result of the loss of scheduled airline service. The Master Plan determines the future direction of airport development to assist the city in maximizing the future potential of the Airport. [2749]

**Division
Airport**

Project Title
Project Description [Partner Connect #]

Division 12
IPJ - Lincoln-Lincoln
County airport

TERMINAL AREA SITE DEVELOPMENT
Expand terminal area to accommodate additional based aircraft. Grant Award dependent on Sponsor securing commitment of funding from USDA and other sources. [tbd]

Division 12
SVH - Statesville
Regional Airport

**TAXIWAY A LIGHTING REHABILITATION AND GUIDANCE SIGN
INSTALLATION (Grant Amendment)**
Rehabilitate existing taxiway edge lighting system with LED lights and install/upgrade required taxiway guidance signs. Additional funds are required to address actual bid prices. [3374]

ITEM I-4 SUMMARY – 28 PROJECTS - (TOTAL STATE, FEDERAL AND LOCAL COST) \$27,360,905
****Project selection and approval for award. Estimated costs are shown; only eligible costs within the project scope of work will be reimbursed.**

These items are for informational purposes only and subject to future NC Board of Transportation approval. It is anticipated that these items will be considered for NC Board of Transportation approval in 30 days.

MODIFICATIONS to the Transit 2016-2025 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)	FY20 (000)	FY21 (000)	FY22 (000)
TO-4719	Goldsboro Wayne Transportation Authority	Operating Assistance	FUZ	5307	420	420	420	420	420	420	420
			SMAP	S	210	210	210	210	210	210	210
			Local	L	210	210	210	210	210	210	210
		CONTINUED			FY23 (000)						
			FUZ	5307	420						
			SMAP	S	210						
			Local	L	210						

Item I-1B, 1 Projects, Total Federal/State funds \$5,040,000

NCDOT September 2016 Board of Transportation Agenda **J-1**
Approval of Specific State Funds for Construction Projects
(For projects previously identified as Specific State Funds for Construction projects
Now being funded under Strategic Transportation Investments)

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Dare Co. Div. 1 B-2500 REGIONAL	WBS 32635.2.3 Replace Bridge 11 over the Oregon Inlet on NC 12. \$1,516,109.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$1,100,000.00
Alleghany Co. Div. 11 R-4060 DIVISION	WBS 34605.1.2 US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21. \$1,484,771.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$500,000.00
Jackson Co. Div. 14 R-5000 DIVISION	WBS 41156.3.1 New location connector from NC 116 to NC 107 in Webster. \$16,974,043.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$800,000.00
ITEM J SUMMARY	3 PROJECTS	\$2,400,000.00

**NCDOT September 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Lenoir Co. Div. 2 R-5703 REGIONAL	WBS 46375.1.1 NC 148 (Harvey Parkway) from NC 58 to NC 11. \$750,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,000,000.00
Lenoir Co. Div. 2 R-5703 REGIONAL	WBS 46375.2.1 NC 148 (Harvey Parkway) from NC 58 to NC 11. Initial funds are requested for full right of way.	\$6,690,000.00
Jones/ Onslow Cos. Div. 2/3 R-2514B STATEWIDE	WBS 34442.2.S3 US 17 South of Belgrade to North of Maysville. \$4,900,000.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$1,800,000.00
Jacksonville/ Onslow Co. Div. 3 U-5508 STATEWIDE	WBS 50015.1.2 NC 24 (Lejeune Boulevard) at NC 53 (Western Boulevard). Initial funds are requested for preliminary engineering.	\$300,000.00
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. Initial funds are requested for preliminary engineering.	\$10,000,000.00

**NCDOT September 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Edgecombe Co. Div. 4 U-4762 DIVISION	WBS 39930.2.2 SR 1250 (Springfield Road) from US 64 alternate to SR 1243 (Leggett Road). Initial funds are requested for full right of way and utilities.	\$1,146,000.00
Smithfield/ Johnston Co. Div. 4 U-3334B DIVISION	WBS 34929.1.4 SR 1923 (Booker Dairy Road Extension) from SR 1003 (Buffalo Road) to US 301 (Brightleaf Boulevard). \$700,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$195,000.00
Wayne Co. Div. 4 R-5719 DIVISION	WBS 50473.2.1 US 117 at SR 1135 (Country Club Road). Initial funds are requested for full right of way.	\$1,380,000.00
Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.1.2 US 117 alternate from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. Initial funds are requested for preliminary engineering.	\$1,000,000.00
Wayne Co. Div. 4 U-5796 DIVISION	WBS 54039.2.1 US 117 at SR 1120 (O'Berry Road) interchange. Initial funds are requested for full right of way.	\$1,380,000.00

**NCDOT September 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake/ Johnston Cos. Div. 4/5 R-2829 STATEWIDE	WBS 35517.2.1 Eastern Wake Freeway from I-40 to south of Garner to US 64/264 Knightdale Bypass. Initial funds are requested for appraisal of Specific Parcel 900.	\$25,000.00
Durham/ Durham Co. Div. 5 U-0071WM STATEWIDE	WBS 34745.4.2 East End Connector, NC 147 (Durham Freeway) to North of NC 98 in Durham. \$5,412.00 has previously been approved for wetland mitigation. Additional funds are needed for wetland mitigation. This is a Strategic Transportation Investments Transition project.	\$1,137,776.38
Wake Co. Div. 5 U-5518B REGIONAL	WBS 43612.2.3 US 70 (Glenwood Avenue) at SR 3067 (T.W. Alexander Drive). Initial funds are requested for appraisal of Specific Parcel 900.	\$25,000.00
Moore Co. Div. 8 R-2807 DIVISION	WBS 38835.1.2 NC 73 from NC 211 to proposed NC 211 Bypass of West End. Initial funds are requested for preliminary engineering.	\$300,000.00
Moore Co. Div. 8 U-3628 REGIONAL	WBS 44672.1.2 NC 24 / NC 27 from courthouse west of NC 22 (McNeill Street) to US 15 / 501 in Carthage. Initial funds are requested for preliminary engineering.	\$200,000.00

**NCDOT September 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Forsyth Co. Div. 9 R-2247EA REGIONAL	WBS 34409.2.27 Winston-Salem Northern Beltway from NC 67 to south of US 52. Funding for MapAct cases. Initial funds are requested for right of way associated with the MapAct.	\$100,000.00
Mecklenburg/ Union Cos. Div. 10 U-4913 DIVISION	WBS 40543.1.2 SR 3174 (Idlewild Road) from I-485 to SR 1524 (Stevens Mill Road). Initial funds are requested for preliminary engineering.	\$1,500,000.00
Mecklenburg Co. Div. 10 U-5804B DIVISION	WBS 44376.2.2 SR 3448 (South Trade Street) from Four Mile Creek to Weddington Road. Initial funds are requested for full right of way.	\$100,000.00
Mecklenburg Co. Div. 10 U-5805 DIVISION	WBS 44377.1.1 Intersection of SR 1009 (Monroe Road) and Rama Road/Idlewild Road. Initial funds are requested for preliminary engineering.	\$510,000.00
Mecklenburg Co. Div. 10 U-5873 BONUS ALLOCATION	WBS 46425.1.1 Intersection of NC 115 and Potts Street. Initial funds are requested for preliminary engineering. This is a Bonus Allocation project.	\$900,000.00

September 8, 2016

**NCDOT September 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-5906 BONUS ALLOCATION	WBS 46451.1.1 Intersection improvements. SR 2195 (Torrence Chapel Road) and SR 5544 (West Catawba Avenue) in Corenelius. Initial funds are requested for preliminary engineering. This is a Bonus Allocation project.	\$500,000.00
Union Co. Div. 10 P-5704 REGIONAL	WBS 46398.1.1 CSX SF Line, Milepost 311.8 to Milepost 316.9. 10,000 feet track siding extension at Stouts in Union County. \$660,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$660,000.00
Caldwell Co. Div. 11 R-5745 DIVISION	WBS 50200.2.1 Intersection of US 64/NC90/NC 18 (Wilkesboro Boulevard) and US 64/NC 90 (Taylorsville Road). Construct intersection improvements. Initial funds are requested for full right of way and utilities.	\$700,000.00
Caldwell Co. Div. 11 R-5745 DIVISION	WBS 50200.1.1 Intersection of US 64/NC90/NC 18 (Wilkesboro Boulevard) and US 64/NC 90 (Taylorsville Road). Construct intersection improvements. \$210,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$125,000.00
Alexander Co. Div. 12 U-5801 REGIONAL	WBS 44373.3.1 NC 16 at intersection of NC 16 and US 64. Initial funds are requested for construction.	\$190,000.00

**NCDOT September 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Strategic Transportation Investments**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Clay Co. Div. 14 R-4416A STATEWIDE	WBS 38908.3.S3 US 64, from Chunky Gal Gap westward for two miles, construct truck climbing lane (2 miles), clearing and grubbing. \$105,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$130,000.00
Statewide Div. 19 M-0479 SW/REG/DIV	WBS 46314.1.S1 Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects. \$975,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. Additional funds are requested using 40% Statewide (\$98,000.00) / 30% Regional (\$73,500.00) / 30% Division (\$73,500.00) Tier funding.	\$245,000.00
STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	6 PROJECTS	\$13,392,776.38
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	8 PROJECTS	\$9,865,000.00
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	10 PROJECTS	\$7,336,000.00
STATEWIDE/REGIONAL/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	1 PROJECT	\$245,000.00
EXEMPT STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$1,400,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	27 PROJECTS	\$32,238,776.38

September 8, 2016

**NCDOT September 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Intrastate System
(For projects previously identified as Intrastate Trust Fund projects)**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.1.2 SR 1409 (Military Cutoff Road Extension) from SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$8,075,302.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$190,000.00
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. \$52,950,000.00 has previously been approved for acquisition of specific parcels. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$2,100,000.00
TRUST FUND INTRASTATE SUMMARY	2 PROJECTS	\$2,290,000.00

**NCDOT September 2016 Board of Transportation Agenda
Approval of State Highway Trust Funds - Urban Loops**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Greensboro/ Guilford Co. Div. 7 U-2525B STATEWIDE	WBS 34821.2.3 Greensboro Eastern Loop from north of US 70 to US 29 north of Greensboro. \$36,800,000.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget. This is a Strategic Transportation Investments Transition project.	\$480,000.00
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). \$1,345,000.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have exceeded the previously authorized budget.	\$270,000.00
Forsyth Co. Div. 9 R-2247 STATEWIDE	WBS 34409.1.1 Winston Salem Northern Beltway from US 158 to US 52. \$14,420,674.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$195,000.00
TRUST FUND URBAN LOOP	3 PROJECTS	\$945,000.00
STRATEGIC TRANSPORTATION INVESTMENTS	27 PROJECTS	\$32,238,776.38
TRUST FUND INTRASTATE SUMMARY	2 PROJECTS	\$2,290,000.00
TRUST FUND URBAN LOOP	3 PROJECTS	\$945,000.00
SUMMARY OF FUNDS	32 PROJECTS	\$35,473,776.38

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement 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 Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 SS-4902CG	WBS 44865.3.1 US 70 at SR 1116 (Thurman Road). Initial construction funds are needed for sign and flasher installation. File 02-15-36602C	\$54,000.00
Greenville/ Pitt Co. Div. 2 SS-4902BQ	WBS 44312.3.1 SR 1708 (Firetower Road) at SR 1704 (14th Street). \$24,000.00 in construction funds has previously been approved for traffic signal revisions. Additional funds are needed due to an increase in construction costs. Increase funds and close project. File 02-13-25297-1	\$2,263.44
Wilmington/ New Hanover Co. Div. 3 SS-4903CM	WBS 44867.3.1 SR 1209 (Independence Boulevard) and Canterbury Road. Initial construction funds are needed for traffic signal revisions. File 03-16-39587C	\$20,250.00
Jacksonville/ Onslow Co. Div. 3 SS-4903CN	WBS 44892.3.1 NC 53 (Western Boulevard) and Center/Liberty Street. Initial construction funds are needed for traffic signal revisions. File 03-16-39524C	\$14,400.00
Sampson Co. Div. 3 SS-4903CL	WBS 44866.3.1 US 13 (Newton Grove Highway) in vicinity of culvert between SR 1809 (Wrye Branch Road) and SR 1639 (Blackman Road). Initial construction funds are needed for guardrail installation. File 03-16-40744C	\$27,900.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement 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 Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Nash/ Wilson Cos. Div. 4 SS-4904DT	WBS 44868.3.1 NC 4/48 at structure #C316 in Nash County. SR 1163 (Downing Street) at structure #67 in Wilson County. Initial construction funds are needed for guardrail installation. File 04-16-39808C	\$54,000.00
Louisburg/ Franklin Co. Div. 5 SS-4905DR	WBS 44899.3.1 SR 1229 (North Main Street) between College Street and Clifton Street. Initial construction funds are needed for improved pedestrian accommodations. File 05-16-0800C	\$27,000.00
Oxford/ Granville Co. Div. 5 SS-4905DM	WBS 44903.3.1 US 158 (Oxford Loop Road) at US 15, NC 96 and US 158 Business (Roxboro Road). Initial construction funds are needed for traffic signal revisions to provide a Dynamic Red Extension system. File 05-16-0786C	\$27,000.00
Wake Co. Div. 5 SS-4905DN	WBS 44904.3.1 I-495 and US 64 between Rogers Lane and east of NC 96. Initial construction funds are needed for pavement grooving and other drainage improvements. File 05-16-0739C	\$243,000.00
Wake Co. Div. 5 SS-4905DO	WBS 44902.3.1 SR 1390 (Optimist Farm Road) near Talicud Trail. Initial construction funds are needed for dynamic curve warning system installation. File 05-16-0729C	\$22,500.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-3

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Raleigh/ Wake Co. Div. 5 SS-4905DP	WBS 44901.3.1 SR 2026 (Person Street) at SR 4363 (Martin Luther King Jr. Boulevard). Initial construction funds are needed for traffic signal revisions. File 05-16-0801C	\$9,000.00
Raleigh/ Wake Co. Div. 5 SS-4905DQ	WBS 44900.2.1 SR 2000 (Old Falls of Neuse Road) at Wakefield Plantation Drive/Wakefalls Drive. Initial right of way and utilities funds are needed for traffic signal installation. File 05-16-0728R	\$9,000.00
Raleigh/ Wake Co. Div. 5 SS-4905DQ	WBS 44900.3.1 SR 2000 (Old Falls of Neuse Road) at Wakefield Plantation Drive/Wakefalls Drive. Initial construction funds are needed for traffic signal installation. File 05-16-0728C	\$112,500.00
Fayetteville/ Cumberland Co. Div. 6 SS-4906CQ	WBS 44898.2.1 US 401 (Ramsey Street) at Summerchase Drive. Initial right of way and utilities funds are needed for traffic signal installation. File 06-16-40379R	\$45,000.00
Fayetteville/ Cumberland Co. Div. 6 SS-4906CQ	WBS 44898.3.1 US 401 (Ramsey Street) at Summerchase Drive. Initial construction funds are needed for traffic signal installation. File 06-16-40379C	\$157,500.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-4

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland Co. Div. 6 SS-4906CR	WBS 44897.3.1 US 13 near SR 1818 (Bud Geddie Road). Initial construction funds are needed for roadside improvements. File 06-16-40732C	\$1,800.00
Cumberland Co. Div. 6 SS-4906CS	WBS 44896.2.1 I-95 Business/US 301 from SR 1728 (Middle Road) to I-95. Initial right of way and utilities funds are needed for roadside improvements and guardrail installation. File 06-16-40459R	\$4,500.00
Cumberland Co. Div. 6 SS-4906CS	WBS 44896.3.1 I-95 Business/US 301 from SR 1728 (Middle Road) to I-95. Initial construction funds are needed for roadside improvements and guardrail installation. File 06-16-40459C	\$297,000.00
Caswell Co. Div. 7 SS-4907BR	WBS 44895.3.1 NC 86 at SR 1300 (Park Springs Road) north of Yanceyville. Initial construction funds are needed for intersection improvements. File 07-15-789C	\$22,500.00
Greensboro/ Guilford Co. Div. 7 SS-4907BT	WBS 44893.3.1 SR 1001 (North Church Street) near Laurel Bluff Trail (greenway), Reedy Fork Trail (greenway), and Bridge 129. Initial construction funds are needed for improved pedestrian accommodations, roadside improvements, and guardrail installation. File 07-16-753C	\$18,900.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-5

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

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Orange Co. Div. 7 SS-4907BS	WBS 44894.2.1 US 70 at SR 1114 (Buckhorn Road) east of Mebane. Initial right of way and utilities funds are needed for traffic signal installation. File 07-16-550R	\$40,500.00
Orange Co. Div. 7 SS-4907BS	WBS 44894.3.1 US 70 at SR 1114 (Buckhorn Road) east of Mebane. Initial construction funds are needed for traffic signal installation. File 07-16-550C	\$43,200.00
Montgomery/ Richmond Cos. Div. 8 SS-4908BD	WBS 44890.3.1 I-73/74 in Richmond County. I-73/74, NC 24/27, US 220 Bus., NC 109, and NC 134 in Montgomery County. Initial construction funds are needed for guardrail end unit upgrades. File 08-16-0825C	\$153,000.00
Richmond Co. Div. 8 SS-4908BC	WBS 44891.3.1 SR 1900 (Battley Dairy Road) at SR 1966 (Airport Road). Initial construction funds are needed for All Way Stop installation. File 08-16-0724C	\$13,500.00
Lexington/ Davidson Co. Div. 9 SS-4909BS	WBS 44887.3.1 SR 1147 (Old Salisbury Road) at I-85 Bus. (SB Ramps)/SR 1232 (Odell Owen Road). Initial construction funds are needed for traffic signal revisions. File 09-16-757C	\$32,850.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-6

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 Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Winston- Salem/ Forsyth Co. Div. 9 SS-4909BR	WBS 44888.2.1 SR 1120 (Clemmonsville Road/Stafford Village Boulevard) at SR 3011 (Old Salisbury Road). Initial right of way and utilities funds are needed for traffic signal revisions. File 09-16-759R	\$45,000.00
Winston- Salem/ Forsyth Co. Div. 9 SS-4909BR	WBS 44888.3.1 SR 1120 (Clemmonsville Road/Stafford Village Boulevard) at SR 3011 (Old Salisbury Road). Initial construction funds are needed for traffic signal revisions. File 09-16-759C	\$32,850.00
Stokes Co. Div. 9 SS-4909BQ	WBS 44889.3.1 SR 1134 (William Fowler Road) at culvert and ravine in vicinity of Milepost 0.20. Initial construction funds are needed for guardrail installation. File 09-16-752C	\$18,900.00
Concord/ Cabarrus Co. Div. 10 SS-4910CK	WBS 44884.2.1 SR 1305 (Pitts School Road) in the vicinity of Morris Glen Drive in Concord. Initial right of way and utilities funds are needed for shoulder and curve improvements. File 10-16-221R	\$9,000.00
Concord/ Cabarrus Co. Div. 10 SS-4910CK	WBS 44884.3.1 SR 1305 (Pitts School Road) in the vicinity of Morris Glen Drive in Concord. Initial construction funds are needed for shoulder and curve improvements. File 10-16-221C	\$144,000.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-7

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 Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mint Hill/ Mecklenburg Co. Div. 10 SS-4910CJ	WBS 44885.3.1 SR 5223 (Wilgrove Mint Hill Road) and Truelight Church Road in Mint Hill. Initial construction funds are needed for All Way Stop installation. File 10-16-226C	\$9,900.00
Charlotte/ Mecklenburg Co. Div. 10 SS-4910CL	WBS 44882.3.1 I-85 NB ramp to I-77 NB. Initial construction funds are needed for installation of high friction treatment on roadway surface. File 10-15-244C	\$103,500.00
Monroe/ Union Co. Div. 10 SS-4910CI	WBS 44886.3.1 SR 1501 (Secret Shortcut Road) at the Burger King driveway in Monroe. Initial construction funds are needed for median installation. File 10-16-220C	\$90,000.00
Mount Airy/ Surry Co. Div. 11 SS-4911AO	WBS 44881.2.1 SR 1700 (Greenhill) in the curve near Hazelnut Court. Initial right of way and utilities funds are needed for guardrail installation. File 11-15-203R	\$900.00
Mount Airy/ Surry Co. Div. 11 SS-4911AO	WBS 44881.3.1 SR 1700 (Greenhill) in the curve near Hazelnut Court. Initial construction funds are needed for guardrail installation. File 11-15-203C	\$18,000.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-8

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 Improvement Projects

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Watauga Co. Div. 11 SS-4911AP	WBS 44880.2.1 SR 1117 (Mast Gap Road). Initial right of way and utilities funds are needed for guardrail installation. File 11-16-212R	\$1,800.00
Watauga Co. Div. 11 SS-4911AP	WBS 44880.3.1 SR 1117 (Mast Gap Road). Initial construction funds are needed for guardrail installation. File 11-16-212C	\$108,450.00
Buncombe Co. Div. 13 SS-4913CG	WBS 44879.3.1 NC 151 from SR 3452 to Railroad Bridge #292 just south of US 19-23. Initial construction funds are needed for centerline rumble strips and pavement marking improvements. File 13-16-213C	\$108,000.00
Buncombe Co. Div. 13 SS-4913CJ	WBS 44874.2.1 SR 1338 (Emma Road) at SR 1333 (Hazel Mill Road)/Westside Drive near Asheville. Initial right of way and utilities funds are needed for traffic signal installation. File 13-16-212R	\$9,900.00
Buncombe Co. Div. 13 SS-4913CJ	WBS 44874.3.1 SR 1338 (Emma Road) at SR 1333 (Hazel Mill Road)/Westside Drive near Asheville. Initial construction funds are needed for traffic signal installation. File 13-16-212C	\$45,000.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-9

**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 Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Glen Alpine/ Burke Co. Div. 13 SS-4913CI	WBS 44875.3.1 US 70 from near SR 1138 eastward to Allen Street in Glen Alpine. Initial construction funds are needed for guardrail installation and superelevation improvements. File 13-16-211C	\$225,000.00
Glen Alpine/ Burke Co. Div. 13 SS-4913CI	WBS 44875.2.1 US 70 from near SR 1138 eastward to Allen Street in Glen Alpine. Initial right of way and utilities funds are needed for guardrail installation and superelevation improvements. File 13-16-211R	\$18,000.00
McDowell Co. Div. 13 SS-4913CH	WBS 44878.2.1 US 221 at Railroad Overpass Bridge #R129 (MP 30.394) near Little Switzerland. Initial right of way and utilities funds are needed for guardrail improvements. File 13-16-214R	\$1,800.00
McDowell Co. Div. 13 SS-4913CH	WBS 44878.3.1 US 221 at Railroad Overpass Bridge #R129 (MP 30.394) near Little Switzerland. Initial construction funds are needed for guardrail improvements. File 13-16-214C	\$27,000.00
Haywood Co. Div. 14 SS-4914CP	WBS 44872.2.1 US 19 from the Jackson County line to a point 1.5 miles east near Maggie Valley. Initial right of way and utilities funds are needed for dynamic curve warning system installations in various curves. File 14-16-204R	\$1,800.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-10

**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 Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Haywood Co. Div. 14 SS-4914CP	WBS 44872.3.1 US 19 from the Jackson County line to a point 1.5 miles east near Maggie Valley. Initial construction funds are needed for dynamic curve warning system installations in various curves. File 14-16-204C	\$45,000.00
Haywood Co. Div. 14 SS-4914CR	WBS 44870.2.1 SR 1513 (Thickety Road) from SR 1550 to SR 1552 near Canton. Initial right of way and utilities funds are needed for guardrail installation. File 14-16-206R	\$5,400.00
Haywood Co. Div. 14 SS-4914CR	WBS 44870.3.1 SR 1513 (Thickety Road) from SR 1550 to SR 1552 near Canton. Initial construction funds are needed for guardrail installation. File 14-16-206C	\$45,000.00
Jackson Co. Div. 14 SS-4914CO	WBS 44873.2.1 SR 1367 (Little Savannah Road) between SR 1552 and Tiger Lilly Court. Initial right of way and utilities funds are needed for guardrail installation. File 14-12-206R	\$900.00
Jackson Co. Div. 14 SS-4914CO	WBS 44873.3.1 SR 1367 (Little Savannah Road) between SR 1552 and Tiger Lilly Court. Initial construction funds are needed for guardrail installation. File 14-12-206C	\$18,000.00

September 8, 2016

**NCDOT June 2016 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

L-11

**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 Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Jackson Co. Div. 14 SS-4914CS	WBS 44869.3.1 US 74 Eastbound curve just prior to Exit 85 near Sylva. Initial construction funds are needed for dynamic curve warning system installation. File 14-16-208C	\$40,500.00
Jackson Co. Div. 14 SS-4914CS	WBS 44869.2.1 US 74 Eastbound curve just prior to Exit 85 near Sylva. Initial right of way and utilities funds are needed for dynamic curve warning system installation. File 14-16-208R	\$900.00
Polk Co. Div. 14 SS-4914CQ	WBS 44871.3.1 SR 1137 (Golden Road) from Milepost 6.034-6.534 near Columbus. Initial construction funds are needed for guardrail installation. File 14-16-209C	\$9,000.00
Polk Co. Div. 14 SS-4914CQ	WBS 44871.2.1 SR 1137 (Golden Road) from Milepost 6.034-6.534 near Columbus. Initial right of way and utilities funds are needed for guardrail installation. File 14-16-209R	\$900.00
ITEM L SUMMARY	54 PROJECTS	\$2,637,463.44

September 8, 2016

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Northampton Co. ER-5600DB STATEWIDE	46305.1.5, STP-0110(004) Landscape improvements at the NC Welcome Center and Rest Area on I-95. Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,000.00 Fed. \$500.00 State
Northampton Co. ER-5600DB STATEWIDE	46305.3.5, STP-0110(004) Landscape improvements at the NC Welcome Center and Rest Area on I-95. Funds are needed for construction for landscape improvements.	\$57,244.00 Cost \$45,795.00 Fed. \$11,449.00 State

Bridge

Hertford Co. B-5603 DIVISION	45558.1.1, STP-1311(017) Replace Bridge #137 over the Meherrin River overflow on SR 1311. Funds are needed for preliminary engineering.	\$125,000.00 Cost \$100,000.00 Fed. \$25,000.00 State
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Rail Program

Garysburg/ Northampton Co. Z-5400AH DIVISION	43600.1.91, STPRR-0113(005) Railway-Highway Grade Crossing Safety Project. School Road at CSX Crossing #630 120E in Garysburg. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
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**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Washington Co. Z-5400AK DIVISION	43600.1.93, STPRR-1357(009) Railway-Highway Grade Crossing Safety Project. SR 1357 (Washington Street) at Carolina Coastal Railroad Crossing #466 198Y in Plymouth. Funds are needed for preliminary engineering.	\$8,000.00 Cost \$7,200.00 Fed. \$800.00 State
Washington Co. Z-5400AK DIVISION	43600.3.93, STPRR-1357(009) Railway-Highway Grade Crossing Safety Project. SR 1357 (Washington Street) at Carolina Coastal Railroad Crossing #466 198Y in Plymouth. Funds are needed for construction for grade crossing flashers and gates.	\$270,000.00 Cost \$243,000.00 Fed. \$27,000.00 State

Project Mitigation

Bertie Co. B-5122WM STATEWIDE	42264.4.FS1, BRNHS-0013(024) Replace Bridge #51 over Cashie River on US 13. \$13,308.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$119,618.00 Cost \$95,694.00 Fed. \$23,924.00 State
Bertie Co. B-5141WM STATEWIDE	42302.4.1, BRNHS-0013(025) Replace Bridge #53 over White Oak Swamp on US 13. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$11,392.00 Cost \$9,114.00 Fed. \$2,278.00 State

NCDOT September 2016 Board of Transportation Agenda
 Approval of Funds for Specific Federal - Aid Projects

Division 1 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Washington Co. R-3620WM REGIONAL	34548.4.FR2, STP-000S(252) New route from US 64 to NC 32. \$572,542.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program. This is a Strategic Transportation Investments Transition project.	\$1,073,764.00 Cost \$859,011.00 Fed. \$214,753.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Carteret Co. B-4863 DIVISION	40212.1.1, BRSTP-1335(003) Replace Bridges #73 and #96 over The Straits at Harkers Island on SR 1335. \$100,000.00 has previously been approved for preliminary engineering. Reduce funds. Project is now State funded.	-\$100,000.00 Cost -\$80,000.00 Fed. -\$20,000.00 State

Safety

Carteret Co. W-5702B DIVISION	44848.1.2, HSIP-1124(016) SR 1124 (Nine Mile Road) between SR 1125 (Lake Road) and SR 1195 (Bur Oak Road). Funds are needed for preliminary engineering.	\$3,500.00 Cost \$3,150.00 Fed. \$350.00 State
Craven Co. SS-4902CG STATEWIDE	44865.1.1, HSIP-0070(200) US 70 at SR 1116 (Thurman Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Craven Co. W-5601BE DIVISION	50138.3.58, HSIP-1004(060) SR 1167 (Kelso / Williams Road) west of SR 1175 (Aviation Drive) toward SR 1004 (Madame Moore Lane). \$25,000.00 has previously been approved for construction. Funds are needed for construction for safety improvements.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Greene Co. W-5601FR REGIONAL	50138.2.175, HSIP-0123(004) NC 123 at SR 1400 (Fourway Road / Ormondsville Road). Funds are needed for full right of way.	\$13,000.00 Cost \$11,700.00 Fed. \$1,300.00 State
Greene Co. W-5702A REGIONAL	44848.1.1, HSIP-0013(064) US 13 at SR 1151 (Burrellfield Road) and SR 1202 (Corbett Town Road). Funds are needed for preliminary engineering.	\$45,000.00 Cost \$40,500.00 Fed. \$4,500.00 State

Rail Program

Craven Co. Z-5400BK DIVISION	43600.1.92, STPRR-0229(018) Rail-Highway Grade Crossing Safety Project. Guion Street at the Norfolk Southern Railway Crossing #722 705K in New Bern. Funds are needed for preliminary engineering.	\$20,000.00 Cost \$18,000.00 Fed. \$2,000.00 State
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Project Mitigation

Carteret Co. B-4722WM REGIONAL	38496.4.1, BRNHS-0070(084) Replace Bridge #33 over North River on US 70. \$81,881.00 has previously been requested for project mitigation. Funding will not be needed, WBS 38496.4.1 to be closed.	-\$81,881.00 Cost -\$65,505.00 Fed. -\$16,376.00 State
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**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Greene Co. B-4755WM DIVISION	38527.4.1, BRZ-1215(002) Replace Bridge #65 over Apple Tree Swamp on SR 1215. \$1,514.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38527.4.1 will be closed.	-\$1,514.00 Cost -\$1,211.00 Fed. -\$303.00 State
Lenoir Co. B-4565WM REGIONAL	33773.4.1, BRSTP-070B(005) Replace Bridges #42 and #43 over the Neuse River Overflow on US 70 Business and Bridges #26 and #28 on US 258 Business (South Queen Street). \$140,069.00 has previously been approved for project mitigation. Funds will not be needed, WBS 33773.4.1 will be closed.	-\$140,069.00 Cost -\$112,055.00 Fed. -\$28,014.00 State
Pitt Co. B-5111WM DIVISION	42249.4.1, BRZ-1588(002) Replace Bridge #111 over Briery Swamp on SR 1588. \$4,703.00 has previously been approved for project mitigation. Funds will not be needed, WBS 42249.4.1 will be closed.	-\$4,703.00 Cost -\$3,762.00 Fed. -\$941.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wilmington/ New Hanover Co. U-5534N DIVISION	44096.1.15, STPDA-0332(058) Wilmington - Shipyard Boulevard bus pullout and sidewalks and loading area along Shipyard Boulevard to include sidewalk from Rutledge Drive to Vance Street. \$36,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$20,000.00 Cost \$16,000.00 Fed. \$4,000.00 Local

Safety

New Hanover Co. SS-4903CM DIVISION	44867.1.1, HSIP-1209(008) SR 1209 (Independence Boulevard) and Canterbury Road (Non-System). Funds are needed for preliminary engineering.	\$5,625.00 Cost \$5,063.00 Fed. \$562.00 State
Onslow Co. SS-4903CN REGIONAL	44892.1.1, HSIP-0053(020) NC 53 (Western Boulevard) and Center / Liberty Street (Non- System). Funds are needed for preliminary engineering.	\$4,000.00 Cost \$3,600.00 Fed. \$400.00 State
Onslow Co. W-5203X STATEWIDE	45333.2.FS24, HSIP-0017(138) US 17 (New Bern Highway) and SR 1407 (Wolf Swamp Road) and SR 1326 (Drummer Kellum Road). Funds are needed for full right of way and utilities.	\$250,000.00 Cost \$225,000.00 Fed. \$25,000.00 State

**NCDOT September 2016 Board of Transportation Agenda
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Division 3 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Sampson Co. SS-4903CL REGIONAL	44866.1.1, HSIP-0013(062) US 13 (Newton Grove Highway) in vicinity of culvert between SR 1809 (Wrye Branch Road) and SR 1639 (Blackmon Road). Funds are needed for preliminary engineering.	\$7,750.00 Cost \$6,975.00 Fed. \$775.00 State

Project Mitigation

Brunswick Co. R-3601WM STATEWIDE	38868.4.1, NHS-0017(068) US 17 / 74 / 76 from NC 133 / SR 1472 (Village Road) Interchange to the US 421 / NC 133 Interchange. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$148,082.00 Cost \$118,465.00 Fed. \$29,617.00 State
Duplin Co. B-5143WM DIVISION	42304.4.FD1, BRZ-1105(020) Replace Bridge #408 over Stewarts Creek on SR 1105. \$5,164.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$18,512.00 Cost \$14,810.00 Fed. \$3,702.00 State

Bicycle and Pedestrian

Wilmington/ New Hanover Co. U-5527A DIVISION	50077.1.F2, STPTAP-0332(047) Military Cutoff Road Multi-Use Path. \$30,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$106,666.00 Cost \$80,000.00 Fed. \$26,666.00 Local
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**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wilmington / New Hanover Co. U-5527B DIVISION	50077.1.F3, TAP-0332(050) 5th Avenue at the Dawson Street and Wooster Street Intersection. \$13,600.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$29,426.00 Cost \$23,541.00 Fed. \$5,885.00 Local
New Hanover Co. U-5527C DIVISION	50077.1.F4, TAP-0332(055) Middle Sound Greenway - Extension to Middle Sound Village. \$19,200.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$37,500.00 Cost \$30,000.00 Fed. \$7,500.00 Local
New Hanover Co. U-5527D DIVISION	50077.1.5, STPDA-0332(059) Harper Avenue from Dow Road to 6th Street. Funds are needed for preliminary engineering.	\$62,500.00 Cost \$50,000.00 Fed. \$12,500.00 Local

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Division 4

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Smithfield/ Johnston Co. U-3334B DIVISION	34929.1.3, STP-1923(012) SR 1923 Extension (Booker Dairy Road) from SR 1003 (Buffalo Road) to US 301 (Brightleaf Boulevard). \$500,000.00 has previously been approved for preliminary engineering. Reduce funds. Project is now State funded.	-\$500,000.00 Cost -\$400,000.00 Fed. -\$100,000.00 State

Safety

Nash Co. / Wilson Co. SS-4904DT REGIONAL	44868.1.1, HSIP-0004(010) Nash County - NC 4 / 48 at structure #C316; Wilson County - SR 1163 (Downing Street) at structure #67. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
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Project Mitigation

Nash Co. B-4939WM DIVISION	40170.4.1, BRZ-1433(004) Replace Bridge #156 over Basket Creek on SR 1433. \$29,893.00 has previously been approved for project mitigation. Funds will not be needed, WBS 40170.4.1 will be closed.	-\$29,893.00 Cost -\$23,914.00 Fed. -\$5,979.00 State
Nash Co. B-5124WM STATEWIDE	42270.4.1, BRSTP-0301(025) Replace Bridges #85, #141 and #151 over Swift Creek on US 301. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$593,816.00 Cost \$475,053.00 Fed. \$118,763.00 State

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Division 5

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Durham Co. I-5729 STATEWIDE	52007.3.1, NHPP-0085(013) I-85 - US 15 / US 501 to east of SR 1827 (Midland Terrace Road) in Durham. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published July 19, 2016.	\$8,300,000.00 Cost \$6,640,000.00 Fed. \$1,660,000.00 State
Raleigh/ Wake Co. I-5710 STATEWIDE	50125.3.1, NHPP-0540(030) Westbound ramps along I-540 at SR 1839 (Leesville Road) to NC 50 (Creedmoor Road), SR 1005 (Six Forks Road) and SR 2000 (Falls of the Neuse Road) in Raleigh. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on July 19, 2016.	\$2,100,000.00 Cost \$1,680,000.00 Fed. \$420,000.00 State
Surface Transportation		
Wake Co. R-2814C STATEWIDE/ REGIONAL/ DIVISION	34506.2.FRU7, STP-0401(249) US 401 from NC 96 to SR 1103 (Fleming Road). \$880,000.00 has previously been approved for utilities. Additional funds are requested.	\$3,500,000.00 Cost \$2,800,000.00 Fed. \$700,000.00 State
Congestion Mitigation		
Morrisville/ Wake Co. C-5168 EXEMPT	46233.3.1, CMS-0517(006) Crabtree Creek Greenway. \$2,363,488.00 has previously been approved for construction. Additional funds are requested.	\$738,590.00 Cost \$590,872.00 Fed. \$147,718.00 Local

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. C-5600I EXEMPT	50061.3.10, CMAQ-0505(074) US 1 Cary-Apex ITS Project. Funds are needed for construction.	\$1,230,000.00 Cost \$984,000.00 Fed. \$246,000.00 Local

Urban

Wake Co. / Holly Springs U-5318 DIVISION	45431.3.1, STPDA-0501(006) Stephens's Grove Boulevard - SR 1101 (Piney Grove/Wilbon Road) and SR 1114 (Ralph Stephens Road). \$5,200,000.00 has previously been approved for construction. Additional funds are requested.	\$3,400,548.00 Cost \$1,700,274.00 Fed. \$1,700,274.00 Local
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Safety

Franklin Co. SS-4905DR DIVISION	44899.1.1, HSIP-1229(017) Install high visibility crosswalks and improve the curb ramps as needed on SR 1229 (North Main Street) between College Street and Clifton Street. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Granville Co. SS-4905DM STATEWIDE	44903.1.1, HSIP-0158(064) US 158 (Oxford Loop Road) at US 15, NC 96 and US 158 Business (Roxboro Road). Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

**NCDOT September 2016 Board of Transportation Agenda
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Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. SS-4905DO DIVISION	44902.1.1, HSIP-1390(003) SR 1390 (Optimist Farm Road) near Talicud Trail. Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
Wake Co. SS-4905DP DIVISION	44901.1.1, HSIP-2026(002) SR 2026 (Person Street) at SR 4363 (Martin Luther King Jr. Boulevard). Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State
Wake Co. SS-4905DQ DIVISION	44900.1.1, HSIP-2000(011) SR 2000 (Old Falls of Neuse Road) at Wakefield Plantation / Wakefalls Drive. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Wake Co. W-5601CR REGIONAL	50138.2.97, HSIP-0070(194) US 70 Business at SR 2555 (Raynor Road / Auburn-Knightdale Road). Funds are needed for full right of way and utilities.	\$75,000.00 Cost \$67,500.00 Fed. \$7,500.00 State

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Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Durham Co. W-5601E REGIONAL	50138.3.6, HSIP-0157(006) NC 157 (Guess Road) at North Pointe Drive / Albany Street. Funds are needed for construction for safety improvements.	\$76,000.00 Cost \$68,400.00 Fed. \$7,600.00 State
Wake Co. W-5601EN REGIONAL	50138.3.145, HSIP-0050(016) NC 50 (Benson Road) at SR 1010 (Ten Ten Road). Funds are needed for construction for safety improvements.	\$15,000.00 Cost \$13,500.00 Fed. \$1,500.00 State
Wake Co. W-5601FC DIVISION	50138.1.160, HSIP-1657(003) SR 1657 (Nowell Road) at SR 5808 (Hillsborough Street). \$12,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$22,000.00 Cost \$19,800.00 Fed. \$2,200.00 State
Wake Co. W-5601HZ STATEWIDE	50138.3.235, HSIP-000S(855) Various National Highway System (NHS) routes in Division 5 (Wake and Durham Counties). Funds are needed for construction for guardrail end unit upgrades.	\$270,000.00 Cost \$243,000.00 Fed. \$27,000.00 State

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Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. W-5705A STATEWIDE	44851.3.1, HSIP-0040(049) I-40, I-495, US 64 / 264. Funds are needed for construction for safety improvements.	\$730,000.00 Cost \$657,000.00 Fed. \$73,000.00 State

Rail Program

Granville Co. Y-4805IA DIVISION	40325.1.F73, STPRR-0523(004) Railway-Higway Grade Crossing Safety Project - Proposed Crossing Closure at the intersection of Tally-Ho Road and the Norfolk Southern Railway tracks; Crossing #734 895A; and SR 1134 (Ortho Mangum Road) at the Norfolk Southern Railway Crossing #734 900U. \$210,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$125,194.00 Cost \$112,675.00 Fed. \$12,519.00 State
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Project Mitigation

Franklin Co. B-4748WM DIVISION	38520.4.1, BRZ-1147(010) Replace Bridge #2 over Horse Creek on SR 1147. \$47,852.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38520.4.1 will be closed.	-\$47,852.00 Cost -\$38,282.00 Fed. -\$9,570.00 State
Franklin Co. B-4749WM DIVISION	38521.4.1, BRZ-1200(005) Replace Bridge #27 over Middle Creek on SR 1200. \$27,206.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38521.4.1 will be closed.	-\$27,206.00 Cost -\$21,765.00 Fed. -\$5,441.00 State

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Division 5 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Person Co. B-4785WM DIVISION	38556.4.1, BRZ-1142(007) Replace Bridge #24 over the North Flat River on SR 1142. \$10,048.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38556.4.1 will be closed.	-\$10,048.00 Cost -\$8,038.00 Fed. -\$2,010.00 State
Wake Co. B-4659WM DIVISION	38456.4.1, BRZ-1393(003) Replace Bridge #373 over Bassal Creek on SR 1393. \$45,505.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38456.4.1 will be closed.	-\$45,505.00 Cost -\$36,404.00 Fed. -\$9,101.00 State
Wake Co. B-4663WM DIVISION	38458.4.1, BRZ-2507(001) Replace Bridge #225 over Mark's Creek on SR 2507. \$23,536.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38458.4.1 will be closed.	-\$23,536.00 Cost -\$18,828.00 Fed. -\$4,708.00 State
Warren Co. I-0914WM STATEWIDE	38688.4.1, IMS-085-4(126)214 I-85 from US 158 in Vance County to Virginia State Line. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$132,210.00 Cost \$105,768.00 Fed. \$26,442.00 State

**NCDOT September 2016 Board of Transportation Agenda
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Division 6

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Fayetteville/ Cumberland Co. U-4405 DIVISION	39049.2.1, STPDA-0401(230) US 401 (Raeford Road) from west of Hampton Oaks Drive to east of Fairway Drive in Fayetteville. Funds are needed for full right of way and utilities.	\$32,625,000.00 Cost \$26,100,000.00 Fed. \$6,525,000.00 State

Safety

Bladen Co. W-5601ER REGIONAL	50138.3.149, HSIP-0211(039) NC 211 at NC 242. Construction funds are needed for safety improvements.	\$28,000.00 Cost \$25,200.00 Fed. \$2,800.00 State
Cumberland Co. SS-4906CQ REGIONAL	44898.1.1, HSIP-0401(278) US 401 (Ramsey Street) at Summerchase Drive. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Cumberland Co. SS-4906CR REGIONAL	44897.1.1, HSIP-0013(063) US 13 curve at SR 1818 (Bud Geddie Road). Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State

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Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. SS-4906CS REGIONAL	44896.1.1, HSIP-0094(041) I-95 Business / US 301 from SR 1728 (Middle Road) to I-95. Funds are needed for preliminary engineering.	\$65,000.00 Cost \$58,500.00 Fed. \$6,500.00 State
Cumberland Co. W-5601AG REGIONAL	50138.3.34, HSIP-0053(017) NC 53 (Cedar Creek Road) from west of I-95 to east of I-95. Construction funds are needed for safety improvements.	\$2,200,000.00 Cost \$1,980,000.00 Fed. \$220,000.00 State
Robeson Co. W-5601GZ STATEWIDE	50138.3.209, HSIP-0095(042) I-95 pavement marking / marker improvements. Construction funds are needed for safety improvements.	\$720,000.00 Cost \$648,000.00 Fed. \$72,000.00 State

Project Mitigation

Bladen Co. B-5117WM REGIONAL	42258.4.1, BRSTP-0210(019) Replace Bridge #47 over Lake Creek on NC 210. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$29,904.00 Cost \$23,923.00 Fed. \$5,981.00 State
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Division 6 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. R-2303WM STATEWIDE	34416.4.1, NHS-0024(025) NC 24 from west of SR 1006 (Clinton Road) in Cumberland County to I-40 near Warsaw in Duplin County. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$4,470,524.00 Cost \$3,576,419.00 Fed. \$894,105.00 State

Rural

Cumberland Co. X-0002F STATEWIDE	35196.3.17, NHP-0295(003) NC 295 from All American Expressway Interchange to I-95 Interchange. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on July 19, 2016.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State
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Division 7

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. I-5734A STATEWIDE	52010.3.2, NHPIM-0040(043) Bridge #384 over NC 68 on I-40. Funds are needed for construction for bridge preservation.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State
Greensboro/ Guilford Co. I-5854 STATEWIDE	53058.3.1, NHPIM-0085(9)123 I-85 from 0.3 mile north of Business 85 to SR 3300 (Elm-Eugene Street) in Greensboro. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published on July 19, 2016.	\$3,390,000.00 Cost \$2,712,000.00 Fed. \$678,000.00 State

Urban

Greensboro/ Guilford Co. U-2524D STATEWIDE	34820.3.30, NHF-0708(053) Greensboro Western Loop from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive). \$60,100,000.00 has previously been approved for construction. Additional construction funds are requested.	\$15,500,000.00 Cost \$12,400,000.00 Fed. \$3,100,000.00 State
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Safety

Caswell Co. SS-4907BR REGIONAL	44895.1.1, HSIP-0086(020) NC 86 at SR 1300 (Park Springs Road) north of Yanceyville. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Guilford Co. SS-4907BT DIVISION	44893.1.1, HSIP-1001(065) Laurel Bluff Train (Greenway) Crossing with SR 1001 (North Church Street), intersection of Reedy Fork Trail (Greenway) crossing with SR 1001. Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,250.00 Fed. \$250.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Orange Co. SS-4907BS REGIONAL	44894.1.1, HSIP-0070(201) US 70 at SR 1114 (Buckhorn Road) east of Mebane. Funds are needed for preliminary engineering.	\$7,000.00 Cost \$6,300.00 Fed. \$700.00 State
Orange Co. W-5707A DIVISION	44853.1.1, HSIP-2048(007) SR 2048 (South Road) at Raleigh Street; SR 2048 (South Road) at Country Club Road, SR 1902 (Manning Drive) at Paul Hardin Drive, and SR 1902 (Manning Drive) at Ridge Road / Skipper Bowles Road. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Project Mitigation		
Alamance Co. B-4401WM DIVISION	33681.4.1, BRZ-1124(005) Replace Bridge #161 over North Prong Stinking Quarter Creek on SR 1124. \$6,308.00 has previously been approved for project mitigation. Funds will not be needed, WBS 33681.4.1 will be closed.	-\$6,308.00 Cost -\$5,046.00 Fed. -\$1,262.00 State
Alamance Co. B-4953WM DIVISION	40078.4.1, BRZ-1912(002) Replace Bridge #64 over Quaker Creek on SR 1912. \$21,152.00 has previously been approved for project mitigation. Funds will not be needed, WBS 40078.4.1 will be closed.	-\$21,152.00 Cost -\$16,922.00 Fed. -\$4,230.00 State

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Division 7 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. B-4756WM DIVISION	38528.4.1, BRZ-2128(001) Replace Bridge #120 over Reedy Creek on SR 2128. \$6,686.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38528.4.1 will be closed.	-\$6,686.00 Cost -\$5,349.00 Fed. -\$1,337.00 State
Guilford Co. B-4757WM DIVISION	38529.4.1, BRZ-2795(002) Replace Bridge #175 over Buffalo Creek on SR 2795. \$56,420.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38529.4.1 will be closed.	-\$56,420.00 Cost -\$45,136.00 Fed. -\$11,284.00 State
Guilford Co. B-4758WM DIVISION	38530.4.1, BRZ-2824(005) Replace Bridge #159 over North Buffalo Creek on SR 2824. \$6,826.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38530.4.1 will be closed.	-\$6,826.00 Cost -\$5,461.00 Fed. -\$1,365.00 State
Guilford Co. I-5110WM STATEWIDE	42345.4.1, NHF-0073(025) I-73 from NC 68 to Greensboro Western Loop Freeway on new location. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program. This is a Strategic Transportation Investments Transition project.	\$220,740.00 Cost \$176,592.00 Fed. \$44,148.00 State

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Division 7 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. U-3615WM DIVISION	34962.4.1, STP-1820(008) SR 1003 / SR 1820 (Skeet Club Boulevard) from US 311 to NC 68 (EastChester Drive). Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$771,970.00 Cost \$617,576.00 Fed. \$154,394.00 State
Rockingham Co. B-4803WM DIVISION	38573.4.1, BRZ-1925(002) Replace Bridge #97 over Wolf Island Creek on SR 1925. \$74,100.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38573.4.1 will be closed.	-\$74,100.00 Cost -\$59,280.00 Fed. -\$14,820.00 State

Rural

Caswell Co. R-5767 REGIONAL	44669.3.1, STP-0086(019) NC 86 from SR 1503 (Walter's Mill Road). \$388,000.00 has previously been approved for construction. Additional funds are requested.	\$150,000.00 Cost \$120,000.00 Fed. \$30,000.00 State
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**NCDOT September 2016 Board of Transportation Agenda
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Division 8

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Pinehurst/ Moore Co. ER-5600HC DIVISION	46305.3.21, STP-0829(007) The Pinehurst Traffic Circle for Fall 2016 and Spring 2017. Funds are needed for construction for annual planting.	\$49,000.00 Cost \$39,200.00 Fed. \$9,800.00 State

Bridge

Randolph Co. B-5739 DIVISION	45695.2.1, BRZ-2621(004) Replace Bridge #170 over Reed Creek on SR 2621. Funds are needed for full right of way and utilities.	\$30,000.00 Cost \$24,000.00 Fed. \$6,000.00 State
Randolph Co. B-5763 DIVISION	45719.2.1, BRZ-2407(001) Replace Bridge #129 over a Branch of Sandy Creek on SR 2407. Funds are needed for full right of way and utilities.	\$25,000.00 Cost \$20,000.00 Fed. \$5,000.00 State

Safety

Chatham Co. W-5601IC STATEWIDE	50138.3.238, HSIP-000S(856) Various National Highway System (NHS) routes in Division 8 (Lee, Chatham, Moore, Richmond, Randolph, and Scotland Counties). Funds are needed for construction for guardrail end unit upgrades.	\$240,000.00 Cost \$216,000.00 Fed. \$24,000.00 State
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**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Chatham Co. W-5601ID STATEWIDE	50138.3.239, HSIP-000S(857) Various National Highway System (NHS) routes in Division 8 (Lee, Chatham, Moore, Richmond, Randolph, Scotland and Hoke Counties). Funds are needed for construction for guardrail end unit upgrades.	\$238,000.00 Cost \$214,200.00 Fed. \$23,800.00 State
Montgomery Co. SS-4908BD STATEWIDE	44890.1.1, HSIP-000S(861) Replace guardrail end units at various National Highway System (NHS) routes in Montgomery and Richmond counties. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Montgomery Co. W-5601IB STATEWIDE	50138.3.237, HSIP-0073(045) I-73 / 74 Pavement Marking Improvements. Construction funds are needed for safety improvements.	\$314,000.00 Cost \$282,600.00 Fed. \$31,400.00 State
Randolph Co. W-5601EK REGIONAL	50138.2.142, HSIP-0311(034) US 311 from SR 1524 (Beckerdite Road) to SR 1525 (Beeson Farm Road). Funds are needed for full right of way and utilities.	\$160,000.00 Cost \$144,000.00 Fed. \$16,000.00 State

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Division 8 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Randolph Co. W-5601HJ DIVISION	50138.3.219, HSIP-000S(850) Pavement markings improvements at various locations. Construction funds are needed for safety improvements.	\$1,480,000.00 Cost \$1,332,000.00 Fed. \$148,000.00 State
Randolph Co. W-5601HV REGIONAL	50138.2.231, HSIP-0042(070) NC 42 near SR 2895 (Moffit Mill Road). Funds are needed for full right of way and utilities.	\$300,000.00 Cost \$270,000.00 Fed. \$30,000.00 State
Richmond Co. SS-4908BC DIVISION	44891.1.1, HSIP-1900(006) SR 1900 (Battley Dairy Road) at SR1966 (Airport Road). Funds are needed for preliminary engineering.	\$1,000.00 Cost \$900.00 Fed. \$100.00 State
Richmond Co. W-5601IA STATEWIDE	50138.3.236, HSIP-0073(046) I-73 / 74 in Richmond, Montgomery and Randolph Counties. Construction funds are needed for safety improvements.	\$332,000.00 Cost \$298,800.00 Fed. \$33,200.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Chatham Co. B-4730WM DIVISION	38503.4.1, BRZ-1549(006) Replace Bridge #108 over Terrell Creek on SR 1549. \$7,894.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38503.4.1 will be closed.	-\$7,894.00 Cost -\$6,315.00 Fed. -\$1,579.00 State
Hoke Co. B-5127WM REGIONAL	42285.4.1, BRSTP-0211(024) Replace Bridge #4 over Raft Swamp on NC 211. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$41,297.00 Cost \$33,038.00 Fed. \$8,259.00 State
Randolph Co. B-5114WM DIVISION	42252.4.1, BRZ-1619(005) Replace Bridge #136 over US 29 / 70 / I-85 Business on SR 1619 in High Point. \$85,800.00 has previously been approved for project mitigation. Funds will not be needed, WBS 42252.4.1 will be closed.	-\$85,800.00 Cost -\$68,640.00 Fed. -\$17,160.00 State
Richmond Co. R-2501WM STATEWIDE	34437.4.1, NHF-0001(001) US 1 from South Carolina State Line to SR 1104. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$35,601.00 Cost \$28,480.00 Fed. \$7,121.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Scotland Co. B-4816WM REGIONAL	38586.4.1, BRSTP-0015(022) Replace Bridge #65 over Juniper Creek on US 15-501. \$73,337.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38586.4.1 will be closed.	-\$73,337.00 Cost -\$58,670.00 Fed. -\$14,667.00 State

High Priority

Richmond Co. R-3421A STATEWIDE	34542.2.6, HPPF-0220(030) US 220 Bypass from US 74 Bypass west of Rockingham at SR 1109 (Zion Church Road) Interchange to south of SR 1140 (Old Charlotte Highway). \$6,836,468.00 has previously been approved for utilities. Additional funds are requested.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
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Bicycle and Pedestrian

Biscoe/ Montgomery Co. EB-5760 DIVISION	50437.1.F1, TAP-0220(079) Construct a multi-use path along US 220 Business at Eastern Montgomery Middle School Greenway from Montgomery Middle and High Schools to Arthur Drive in Biscoe. Funds are needed for preliminary engineering.	\$60,000.00 Cost \$48,000.00 Fed. \$12,000.00 Local
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**NCDOT September 2016 Board of Transportation Agenda
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Division 9

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rowan Co. I-5505 STATEWIDE	49012.1.1, IMS-085-2(74)76 I-85 from US 52 (Innes Street) and US 601 (Jake Alexander Boulevard) Interchanges. \$80,000.00 has previously been approved for preliminary engineering. Reduce funds. Project is now State funded.	-\$80,000.00 Cost -\$72,000.00 Fed. -\$8,000.00 State

Enhancement

Forsyth Co. ER-5600IB REGIONAL	46305.3.20, STP-0918(106) US 311 and I-40 on Union Road. Funds are needed for construction for landscaping.	\$225,000.00 Cost \$180,000.00 Fed. \$45,000.00 State
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Urban

Forsyth Co. U-2827B REGIONAL	34872.2.4, NHP-0421(087) Replace Bridges #178, #269, #278, #286, #288, #291, #293, #305, #312, #313, #336, US 421 / US 158 / US 421 / NC 150 / Business 40, west of Fourth Street to east of Church Street (Combined with C-5620A: Business 40 multi-use path). Initial funds are needed for right of way. This is a Design-Build Project.	\$15,652,000.00 Cost \$12,521,600.00 Fed. \$3,130,400.00 State
Forsyth Co. U-2827B EXEMPT	34872.3.4, NHP-0421(087) Replace Bridges #178, #269, #278, #286, #288, #291, #293, #305, #312, #313, #336, US 421 / US 158 / US 421 / NC 150 / Business 40, west of Fourth Street to east of Church Street (Combined with C-5620A: Business 40 multi-use path). \$102,700,000.00 has previously been approved for construction. Additional funds are needed for construction based on combining the two projects. This is a Design-Build Project.	\$1,866,926.00 Cost \$1,493,541.00 Fed. \$373,385.00 Local

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Davidson Co. SS-4909BS DIVISION	44887.1.1, HSIP-1147(015) SR 1147 (Old Salisbury Road) at I-85 Business (Southbound Ramps) / SR 1232 (Odell Owen Road). Funds are needed for preliminary engineering.	\$3,500.00 Cost \$3,150.00 Fed. \$350.00 State
Divisionwide W-5601IH REGIONAL	50138.3.243, HSIP-000S(859) Pavement marking improvements on multiple routes in Division 9. Construction funds are needed for safety improvements.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
Forsyth Co. SS-4909BR DIVISION	44888.1.1, HSIP-1120(015) SR 1120 (Clemmons Road / Stafford Village Boulevard) at SR 3011 (Old Salisbury Road). Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,250.00 Fed. \$250.00 State
Stokes Co. SS-4909BQ DIVISION	44889.1.1, HSIP-1134(008) SR 1134 (William Fowler Road) at culvert (stream crossing) and ravine (drop off) located in the vicinity of milepost 0.20. Funds are needed for preliminary engineering.	\$3,000.00 Cost \$2,700.00 Fed. \$300.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Davidson Co. B-4740WM DIVISION	38513.4.1, BRZ-1194(009) Replace Bridge #7 over Dykers Creek on SR 1194. \$37,050.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38513.4.1 will be closed.	-\$37,050.00 Cost -\$29,640.00 Fed. -\$7,410.00 State
Davidson Co. B-4741WM DIVISION	38514.4.1, BRZ-1493(002) Replace Bridge #38 over Muddy Creek on SR 1493. \$54,600.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38514.4.1 will be closed.	-\$54,600.00 Cost -\$43,680.00 Fed. -\$10,920.00 State
Forsyth Co. U-2800WM DIVISION	34858.4.1, STP-2601(005) SR 2601 from Industrial Park Drive to SR 1005 (Old US 421) at I-40 Business. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$95,550.00 Cost \$76,440.00 Fed. \$19,110.00 State
Forsyth Co. U-2925WM DIVISION	34892.4.FD1, STP-0918(016) Salem Creek Connector from Salem Avenue to SR 4325 (Martin Luther King Drive). \$146,442.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$393,510.00 Cost \$314,808.00 Fed. \$78,702.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Rowan Co. W-5313WM DIVISION	46136.4.1, STP-1221(005) SR 1221 (Old Beatty Ford Road) from SR 1337 (Lentz Road) to SR 2335 (Lower Stone Church Road). Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$28,080.00 Cost \$22,464.00 Fed. \$5,616.00 State

Bicycle and Pedestrian

Rural Hall / Forsyth Co. U-4741OJ DIVISION	39745.2.F27, STPDA-0999(010) NC 65 (Runningbrook Lane to Norvasa Street). Funds are needed for full right of way.	\$66,000.00 Cost \$52,800.00 Fed. \$13,200.00 Local
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**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. R-2123CE(L) STATEWIDE	34379.3.33, NHF-0485(046) I-485 (Charlotte Eastern Outer Loop) / I-85. Funds are needed for construction for Landscaping. This is a Strategic Transportation Investments Transition project.	\$321,252.00 Cost \$257,001.00 Fed. \$64,251.00 State

Congestion Mitigation

Kannapolis/ Cabarrus Co. C-4916C EXEMPT	44016.2.2, CMS-1034(009) Sidewalk along Oakwood Avenue around Shady Brook School. Funds are needed for full right of way.	\$61,000.00 Cost \$48,800.00 Fed. \$12,200.00 Local
Kannapolis/ Cabarrus Co. C-5161 EXEMPT	46226.1.F1, CMS-1034(020) Irish Buffalo Creek Greenway. \$232,000.00 has previously been approved for construction. Additional funds are requested.	\$38,331.00 Cost \$30,665.00 Fed. \$7,666.00 Local
Mecklenburg Co. C-5533 EXEMPT	45506.2.F1, CMS-1003(121) The intersection of SR 5469 (Shopton Road) and SR 1156 (Beam Road). Funds are needed for full right of way.	\$190,000.00 Cost \$129,200.00 Fed. \$60,800.00 Local

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. C-5542 EXEMPT	51012.3.F1, CMS-1003(124) South Tryon Street from Queen Anne Drive to Nations Ford Road. Construction funds are needed for a sidewalk.	\$790,000.00 Cost \$395,000.00 Fed. \$395,000.00 Local
Gaston Co./ Mecklenburg Co. C-5600G EXEMPT	50061.3.8, CMAQ-1229(016) I-85 Gaston-Mecklenburg Counties Intelligent Transportation System Project. Funds are needed for construction for Intelligent Transportation System Project.	\$900,000.00 Cost \$720,000.00 Fed. \$180,000.00 State

Safety

Cabarrus Co. SS-4910CK DIVISION	44884.1.1, HSIP-1305(012) SR 1305 (Pitts School Road) in the vicinity of Morris Glen Drive in Concord. Funds are needed for preliminary engineering.	\$16,000.00 Cost \$14,400.00 Fed. \$1,600.00 State
Cabarrus Co. W-5601CW DIVISION	50138.3.102, HSIP-0049(034) NC 49 and SR 1309 (Stough Road). Construction funds are needed for safety improvements.	\$350,000.00 Cost \$315,000.00 Fed. \$35,000.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. SS-4910CL STATEWIDE	44882.1.1, HSIP-0085(028) I-85 Northbound Ramp to I-77 Northbound. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Mecklenburg Co. W-5601BI STATEWIDE	50138.3.62, HSIP-0485(038) I-485 Inner Loop off-ramp to NC 49 (North Troy Street) in Charlotte. Construction funds are needed for safety improvements.	\$400,000.00 Cost \$360,000.00 Fed. \$40,000.00 State
Mecklenburg Co. W-5601IK STATEWIDE	50138.1.246, HSIP-0485(045) I-485 Outer Loop Ramp at NC 16 in Charlotte. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State
Union Co. SS-4910CI DIVISION	44886.1.1, HSIP-1501(020) SR 1501 (Secret Shortcut Road) at the Burger King driveway in Monroe. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$9,000.00 Fed. \$1,000.00 State

**NCDOT September 2016 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-5601BK REGIONAL	50138.2.64, HSIP-0200(004) NC 200 (Lancaster) and SR 1117 (Providence Road South). Funds are needed for full right of way.	\$150,000.00 Cost \$135,000.00 Fed. \$15,000.00 State

Rail Program

Mecklenburg Co. Z-5400JF DIVISION	43600.1.FD52, STPRR-1003(138) Highway Grade Crossing Safety Project at the intersection of SR 1784 (Rozzelles Ferry Road) and the CSX Transportation Tracks: Crossing #631 797X in Charlotte. \$16,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$11,000.00 Cost \$9,900.00 Fed. \$1,100.00 State
Mecklenburg Co. Z-5400JF DIVISION	43600.3.FD52, STPRR-1003(139) Highway Grade Crossing Safety Project at the intersection of SR 1784 (Rozzelles Ferry Road) and the CSX Transportation Tracks; Crossing #631 797X in Charlotte. Construction funds are needed for safety improvements.	\$185,000.00 Cost \$166,500.00 Fed. \$18,500.00 State

Municipal Bridge

Union Co. M-0414JA DIVISION	42080.1.123, BRZ-NBIS(013) Municipal Bridge Inspection - 2 bridges within the Municipality of Waxhaw. Funds are needed for preliminary engineering.	\$5,814.00 Cost \$4,651.00 Fed. \$1,163.00 Local
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**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. I-5405WM STATEWIDE	45454.4.1, NHF-077-1(229)9 I-77 construct a pedestrian culvert on Torrence Creek. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$144,300.00 Cost \$115,440.00 Fed. \$28,860.00 State

Bicycle and Pedestrian

Concord/ Cabarrus Co. EB-5732 DIVISION	51055.1.1, TAP-1004(063) Bruton Smith Boulevard / Concord Mills Boulevard and portions of Weddington Road from US 29 to Weddington Road. Funds are needed for preliminary engineering.	\$240,656.00 Cost \$240,656.00 Fed.
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Division 11

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Surry Co. I-5801 STATEWIDE	50444.3.1, NHPP-0077(004) I-77 from 1.2 miles north of US 21 to 0.4 mile north of SR 1136 (Ebenezer Church Road). Funds are needed for construction for pavement rehabilitation.	\$850,000.00 Cost \$680,000.00 Fed. \$170,000.00 State
Surry Co. I-5802 STATEWIDE	50445.3.1, NHPP-0077(005) I-77 from SR 1131 (Fax Welborn Road) to 1 mile north of SR 1131 (Fax Welborn Road). Construction funds are needed for pavement rehabilitation.	\$800,000.00 Cost \$640,000.00 Fed. \$160,000.00 State
Safety		
Surry Co. SS-4911AO DIVISION	44881.1.1, HSIP-1700(021) SR 1700 (Green Hill Road) in the curve near Hazel Court. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Surry Co. W-5601AV REGIONAL	50138.3.49, HSIP-0052(050) US 52 Business / NC 89 (Renfro Street) and NC 103 / SR 2432 (Pine Street). Funds are needed for construction for safety improvements.	\$140,000.00 Cost \$126,000.00 Fed. \$14,000.00 State

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Approval of Funds for Specific Federal - Aid Projects**

Division 11 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Watauga Co. SS-4911AP DIVISION	44880.1.1, HSIP-1117(016) SR 1117 (Mast Gap Road). Funds are needed for preliminary engineering.	\$2,500.00 Cost \$2,250.00 Fed. \$250.00 State

Project Mitigation

Alleghany Co. R-3101WM REGIONAL	37044.4.FR1, STP-0021(014) US 21 from SR 1100 (Oklahoma Road) to SR 1121 (Pine Swamp Road). \$482,799.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program. This is a Strategic Transportation Investments Transition project.	\$1,344,233.00 Cost \$1,075,386.00 Fed. \$268,847.00 State
Caldwell Co. B-5138WM REGIONAL	42299.4.FR1, BRSTP-321A(003) Replace Bridge #6 over Little Gunpowder Creek on US 321A. \$16,980.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$46,800.00 Cost \$37,440.00 Fed. \$9,360.00 State
Watauga Co. R-2915WM STATEWIDE	34518.4.1, HPPSTP-0221(013) US 421 in Watauga County to US 221 Business / NC 88 in Jefferson. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program. This is a Strategic Transportation Investments Transition project.	\$3,667,993.00 Cost \$2,934,394.00 Fed. \$733,599.00 State

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Division 12

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Catawba Co. R-5113 DIVISION	42364.1.FD2, STP-1005(037) SR 1005 (Startown Road) from US 70 to NC 10. \$500,000.00 has previously been approved for preliminary engineering. Reduce Funds. Project is now State funded.	-\$500,000.00 Cost -\$400,000.00 Fed. -\$100,000.00 State

Congestion Mitigation

Hickory/ Catawba Co. C-5196 EXEMPT	46248.1.F1, CMS-1143(012) 16th Street (Sandy Ridge Road) at 29th Avenue NE and 21st Street Avenue NE. Funds are needed for preliminary engineering.	\$10,000.00 Cost \$8,000.00 Fed. \$2,000.00 Local
Mooreville/ Iredell Co. C-5529 EXEMPT	51043.2.F1, CMS-1226(018) Intersection of NC 115 and Faith Road Campus Lane in Mooreville, realign Faith Road to tie into existing NC 115 / Campus Lane intersection and construct dedicated turn lanes on Faith Road and Campus Lane approaches to the intersection. Funds are needed for full right of way and utilities.	\$109,000.00 Cost \$81,750.00 Fed. \$27,250.00 Local
Mooreville/ Iredell Co. C-5701 EXEMPT	46446.2.1, CMS-0801(012) Intersection of NC 801 / 150. Funds are needed for full right of way and utilities.	\$500,719.00 Cost \$395,568.00 Fed. \$105,151.00 Local

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. Z-5400LF DIVISION	43600.3.61, RR-2466(001) Railway-Highway Grade Crossing Safety Project. SR 2466 (Garrison Boulevard) at Norfolk Southern Railway Tracks; Crossing #729 950M in Gastonia. Construction funds are needed for safety improvements.	\$270,000.00 Cost \$243,000.00 Fed. \$27,000.00 State
Iredell Co. Z-5400LH DIVISION	43600.3.75, RR-1226(021) Railway-Highway Grade Crossing Safety Project on Penske Way at Norfolk Southern Railway Tracks; Crossing #721 616P near Mooresville. Construction funds are needed for safety improvements.	\$279,000.00 Cost \$251,100.00 Fed. \$27,900.00 State

Project Mitigation

Catawba Co. B-5150WM DIVISION	42311.4.1, BRZ-1404(013) Replace Bridge #34 over Falling Creek on SR 1404. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$53,820.00 Cost \$43,056.00 Fed. \$10,764.00 State
Iredell Co. K-4908WM STATEWIDE	39894.4.1, IMS-77-1(177)39 New Rest Area pair Iredell County (Lake Norman) and Iredell / Yadkin County Line. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program. This is a Strategic Transportation Investments Transition project.	\$147,420.00 Cost \$117,936.00 Fed. \$29,484.00 State

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Division 13

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Madison Co. I-5753 STATEWIDE	52031.3.1, NHPP-0026(008) I-26 from the Tennessee State Line to Tributary of Little Creek. Funds are needed for construction for pavement rehabilitation.	\$400,000.00 Cost \$320,000.00 Fed. \$80,000.00 State
Buncombe Co. I-5750 STATEWIDE	52028.3.1, NHPP-0040(025) I-40 from 0.2 mile east of US 25 (Hendersonville Road) to 0.2 mile east of SR 3075 (Onteora Boulevard). Funds are needed for construction for bridge rehabilitation.	\$4,000,000.00 Cost \$3,200,000.00 Fed. \$800,000.00 State

Surface Transportation

Buncombe Co. U-4739 DIVISION	39741.1.FD1, STP-3556(002) SR 3556 (Amboy Road / Meadow Road) from I-240 to US 25 (Biltmore Avenue). \$600,000.00 has previously been approved for preliminary engineering. Reduce Funds. Project is now State funded.	-\$600,000.00 Cost -\$480,000.00 Fed. -\$120,000.00 State
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Appalachian

Madison Co. R-5779 EXEMPT	44834.1.1, APD-1631(004) SR 1631 (Crossroads Parkway) to SR 1632 in Madison County. Funds are needed for preliminary engineering.	\$250,000.00 Cost \$250,000.00 Fed.
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**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. SS-4913CG REGIONAL	44879.1.1, HSIP-0151(016) NC 151 from SR 3452 to Railroad Bridge #292, just south of US 19 / 23. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Buncombe Co. SS-4913CJ DIVISION	44874.1.1, HSIP-1338(005) SR 1338 (Emma Road) at SR 1333 (Hazel Mill Road) / Westside Drive near Asheville. Funds are needed for preliminary engineering.	\$7,000.00 Cost \$6,300.00 Fed. \$700.00 State
Burke Co. SS-4913CI REGIONAL	44875.1.1, HSIP-0070(202) US 70 from near SR 1138 eastward to Allen Street in Glen Alpine. Funds are needed for preliminary engineering.	\$25,000.00 Cost \$22,500.00 Fed. \$2,500.00 State
McDowell Co. SS-4913CH STATEWIDE	44878.1.1, HSIP-0221(048) US 221 at Railroad Overpass Bridge #R129 (MP 30.394) near Little Switzerland. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Buncombe Co. B-4715WM DIVISION	38489.4.1, BRZ-2797(001) Replace Bridge #655 over the Broad River on SR 2797. \$48,360.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38489.4.1 will be closed.	-\$48,360.00 Cost -\$38,688.00 Fed. -\$9,672.00 State
Buncombe Co. B-5167WM DIVISION	42324.4.FD1, BRSTP-2806(001) Replace Bridge #108 over Upper Flat Creek on SR 2806. \$22,641.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$60,840.00 Cost \$48,672.00 Fed. \$12,168.00 State
Buncombe Co. B-5396WM DIVISION	46111.4.1, BRZ-1103(024) Replace Bridge #416 over Stony Fork Creek on SR 1103. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$95,550.00 Cost \$76,440.00 Fed. \$19,110.00 State

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Division 14

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co. SS-4914CP REGIONAL	44872.1.1, HSIP-0019(052) US 19 from Jackson County Line to a point 1.5 miles east, near Maggie Valley. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Haywood Co. SS-4914CR DIVISION	44870.1.1, HSIP-1513(008) SR 1513 (Thickety Road) from SR 1550 (Incinerator Road) to SR 1552 (Calrton Corzine) near Canton. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Henderson Co. W-5601FP STATEWIDE	50138.3.173, HSIP-0026(009) I-26 / US 74 / US 64 / US 25 and NC 280 in Henderson and Polk Counties. Construction funds are needed for safety improvements.	\$250,000.00 Cost \$225,000.00 Fed. \$25,000.00 State
Jackson Co. SS-4914CO DIVISION	44873.1.1, HSIP-1367(004) SR 1367 (Little Savannah Road) between SR 1552 and Tiger Lilly Court. Funds are needed for preliminary engineering.	\$2,000.00 Cost \$1,800.00 Fed. \$200.00 State

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Approval of Funds for Specific Federal - Aid Projects**

Division 14 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Jackson Co. SS-4914CS STATEWIDE	44869.1.1, HSIP-0074(191) US 74 eastbound curve just prior to Exit 85 near Sylva. Funds are needed for preliminary engineering.	\$4,000.00 Cost \$3,600.00 Fed. \$400.00 State
Polk Co. SS-4914CQ DIVISION	44871.1.1, HSIP-1137(009) SR 1137 (Golden Road) from milepost 6.034 to milepost 6.534 near Columbus. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,500.00 Fed. \$500.00 State
Transylvania Co. W-5601DU REGIONAL	50138.3.125, HSIP-0276(016) US 276 from the South Carolina State Line to SR 1118 (Gallimore Road), near Brevard. Construction funds are needed for safety improvements.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State

Project Mitigation

Clay Co. B-4734WM DIVISION	38507.4.1, BRZ-1300(008) Replace Bridge #9 over Iver Tusquitee Creek on SR 1300. \$31,980.00 has previously been approved for project mitigation. Funds will not be needed, WBS 38507.4.1 will be closed.	-\$31,980.00 Cost -\$25,584.00 Fed. -\$6,396.00 State
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**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Haywood Co. K-5002WM STATEWIDE	41534.4.FS1, NHS-0023(018) US 23 / US 74 Southbound Rest Area on new location. \$11,037.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program. This is a Strategic Transportation Investments Transition project.	\$3,172,712.00 Cost \$2,538,170.00 Fed. \$634,542.00 State
Haywood Co. R-4047WM REGIONAL	34599.4.FR2, STP-0209(006) NC 209 from US 23 Business to north of SR 1523 (Old Clyde Road). \$61,411.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program. This is a Strategic Transportation Investments Transition project.	\$169,260.00 Cost \$135,408.00 Fed. \$33,852.00 State
Henderson Co. B-5149WM DIVISION	42310.4.FD1, BRZ-1574(003) Replace Bridge #38 over Clear Creek on SR 1574. \$775.00 has previously been approved for project mitigation. Additional funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$2,848.00 Cost \$2,278.00 Fed. \$570.00 State
Jackson Co. B-5404WM DIVISION	46119.4.1, BRZ-1163(010) Replace Bridge #136 over Pine Creek on SR 1163. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$51,201.00 Cost \$40,960.00 Fed. \$10,241.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14 (Continued)

Project Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Macon Co. B-3868WM DIVISION	33313.4.1, BRZ-1456(006) Replace Bridge #172 over Little Tennessee River on SR 1456. \$349,440.00 has previously been approved for project mitigation. Funds will not be needed, WBS 33313.4.1 will be closed.	-\$349,440.00 Cost -\$279,552.00 Fed. -\$69,888.00 State
Transylvania Co. B-4288WM DIVISION	33627.4.1, BRZ-1107(009) Replace Bridge #85 over East Fork French Broad River on SR 1107. \$50,700.00 has previously been approved for project mitigation. Funds will not be needed, WBS 33627.4.1 will be closed.	-\$50,700.00 Cost -\$40,560.00 Fed. -\$10,140.00 State
Transylvania Co. B-5403WM DIVISION	46118.4.1, BRZ-1532(005) Replace Bridge #196 over Crab Creek on SR 1532. Funds are needed to cover charges for mitigation expenses provided by the Ecosystem Enhancement Program.	\$17,160.00 Cost \$13,728.00 Fed. \$3,432.00 State

**NCDOT September 2016 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	50061.3.11, CMAQ-000S(852)	\$1,835,403.00	Cost
C-5600J	Rebuild two additional Cab Control Units (CCU's) for Piedmont	\$1,468,322.00	Fed.
REGIONAL	Passenger Rail Service. Funds are needed for construction to rebuild two Cab Control Units.	\$367,081.00	State

Planning and Research

Statewide	50141.1.3, OJT-00JT(020)	\$400,000.00	Cost
M-0478C	FY 2016 On-The-Job Training. Funds are needed for Training.	\$400,000.00	Fed.
STATEWIDE			
Statewide	47520.4.6, ASAP-FY16(002)	\$15,000.00	Cost
NO ID	Accelerating Safety Activities Program (ASAP) 2016. Funds are	\$15,000.00	Fed.
EXEMPT	needed for FY 2016 allocation.		

ITEM M SUMMARY - 181 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$128,247,633.00

Funding for Transition Period projects is excluded from the Transportation Investment Strategy Formula.

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 1

* R-5781	VARIOUS, DIVISION 1 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BERTIE	ALTERNATIVES PROGRAM.			\$340,000	
CAMDEN	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
CHOWAN	<u>PROGRAMMED.</u>				
CURRITUCK					
DARE					
GATES					
HERTFORD					
HYDE					
MARTIN					
NORTHAMPTON					
PASQUOTANK					
PERQUIMANS					
TYRRELL					
WASHINGTON					
PROJ.CATEGORY					
DIVISION					

DIVISION 2

* R-5782	VARIOUS, DIVISION 2 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BEAUFORT	ALTERNATIVES PROGRAM.			\$340,000	
CARTERET	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
CRAVEN	<u>PROGRAMMED.</u>				
GREENE					
JONES					
LENOIR					
PAMLICO					
PITT					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

Thursday, September 08, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 3

* R-5783	VARIOUS, DIVISION 3 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BRUNSWICK	ALTERNATIVES PROGRAM.			\$340,000	
DUPLIN	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
NEW HANOVER	<u>PROGRAMMED.</u>				
ONslow					
PENDER					
SAMPSON					
PROJ.CATEGORY					
DIVISION					

DIVISION 4

P-5711	CSX A LINE, CONSTRUCT FREIGHT RAIL AND				
EDGEcombe	INTERMODAL TERMINAL INFRASTRUCTURE (CCX)				
NASH	ALONG NATIONAL GATEWAY CORRIDOR.				
PROJ.CATEGORY	<u>PROGRAMMED FOR PLANNING AND ENVIRONMENTAL</u>				
STATEWIDE	<u>STUDY ONLY.</u>				

* R-5784	VARIOUS, DIVISION 4 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
EDGEcombe	ALTERNATIVES PROGRAM.			\$340,000	
HALIFAX	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
JOHNSTON	<u>PROGRAMMED.</u>				
NASH					
WAYNE					
WILSON					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

Thursday, September 08, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP ADDITIONS**DIVISION 5**

* R-5785	VARIOUS, DIVISION 5 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
DURHAM	ALTERNATIVES PROGRAM.			\$340,000	
FRANKLIN	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
GRANVILLE	<u>PROGRAMMED.</u>				
PERSON					
VANCE					
WAKE					
WARREN					
PROJ.CATEGORY					
DIVISION					

DIVISION 6

* R-5786	VARIOUS, DIVISION 6 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BLADEN	ALTERNATIVES PROGRAM.			\$340,000	
COLUMBUS	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
CUMBERLAND	<u>PROGRAMMED.</u>				
HARNETT					
ROBESON					
PROJ.CATEGORY					
DIVISION					

DIVISION 7

* R-5787	VARIOUS, DIVISION 7 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
ALAMANCE	ALTERNATIVES PROGRAM.			\$340,000	
CASWELL	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
GUILFORD	<u>PROGRAMMED.</u>				
ORANGE					
ROCKINGHAM					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

Thursday, September 08, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP ADDITIONS**DIVISION 8**

* R-5788	VARIOUS, DIVISION 8 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
CHATHAM	ALTERNATIVES PROGRAM.			\$340,000	
HOKE	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
LEE	<u>PROGRAMMED.</u>				
MONTGOMERY					
MOORE					
RANDOLPH					
RICHMOND					
SCOTLAND					
PROJ.CATEGORY					
DIVISION					

DIVISION 9

* R-5789	VARIOUS, DIVISION 9 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
DAVIDSON	ALTERNATIVES PROGRAM.			\$340,000	
DAVIE	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
FORSYTH	<u>PROGRAMMED.</u>				
ROWAN					
STOKES					
PROJ.CATEGORY					
DIVISION					

DIVISION 10

* R-5790	VARIOUS, DIVISION 10 TRANSPORTATION	CONSTRUCTION	FY 2016 -	\$340,000	(TAP)
ANSON	ALTERNATIVES PROGRAM.			\$340,000	
CABARRUS	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
MECKLENBURG	<u>PROGRAMMED.</u>				
STANLY					
UNION					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

Thursday, September 08, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

DIVISION 11

* R-5791	VARIOUS, DIVISION 11 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
ALLEGHANY	ALTERNATIVES PROGRAM.			\$340,000	
ASHE	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
AVERY	<u>PROGRAMMED.</u>				
CALDWELL					
SURRY					
WATAUGA					
WILKES					
YADKIN					
PROJ.CATEGORY					
DIVISION					

DIVISION 12

* R-5792	VARIOUS, DIVISION 12 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
ALEXANDER	ALTERNATIVES PROGRAM.			\$340,000	
CATAWBA	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
CLEVELAND	<u>PROGRAMMED.</u>				
GASTON					
IREDELL					
LINCOLN					
PROJ.CATEGORY					
DIVISION					

DIVISION 13

* R-5793	VARIOUS, DIVISION 13 TRANSPORTATION	CONSTRUCTION	FY 2016 -	<u>\$340,000</u>	(TAP)
BUNCOMBE	ALTERNATIVES PROGRAM.			\$340,000	
BURKE	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
MADISON	<u>PROGRAMMED.</u>				
MCDOWELL					
MITCHELL					
RUTHERFORD					
YANCEY					
PROJ.CATEGORY					
DIVISION					

* INDICATES FEDERAL AMENDMENT

Thursday, September 08, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP ADDITIONS

DIVISION 14

* R-5780	SR 1345 (NORTH MILLS RIVER RD), NC 280 TO END OF	ENGINEERING	FY 2016 -	\$4,000	(FLAP)
HENDERSON	PAVEMENT. RESURFACE.		FY 2016 -	\$1,000	(S(M))
PROJ.CATEGORY	<u>ADD ENGINEERING IN FY 16 AND CONSTRUCTION IN</u>	CONSTRUCTION	FY 2017 -	\$463,000	(FLAP)
EXEMPT	<u>FY 17 NOT PREVIOUSLY PROGRAMMED. THIS IS A</u>		FY 2017 -	\$116,000	(S(M))
	<u>FEDERAL LANDS ACCESS PROGRAM (FLAP)</u>				
	<u>PROJECT.</u>			\$584,000	

* R-5794	VARIOUS, DIVISION 14 TRANSPORTATION	CONSTRUCTION	FY 2016 -	\$340,000	(TAP)
CHEROKEE	ALTERNATIVES PROGRAM.			\$340,000	
CLAY	<u>ADD CONSTRUCTION IN FY 16 NOT PREVIOUSLY</u>				
GRAHAM	<u>PROGRAMMED.</u>				
HAYWOOD					
HENDERSON					
JACKSON					
MACON					
POLK					
SWAIN					
TRANSYLVANIA					
PROJ.CATEGORY					
DIVISION					

STATEWIDE

* B-9000DIV	BRIDGE INSPECTION PROGRAM.	IMPLEMENTATIO	FY 2017 -	\$3,300,000	(STBG)
STATEWIDE	<u>THIS PROJECT WILL REPLACE B-9999DIV.</u>		FY 2018 -	\$3,300,000	(STBG)
PROJ.CATEGORY			FY 2019 -	\$3,300,000	(STBG)
DIVISION			FY 2020 -	\$3,300,000	(STBG)
				\$13,200,000	

* B-9000REG	BRIDGE INSPECTION PROGRAM	IMPLEMENTATIO	FY 2017 -	\$3,300,000	(STBG)
STATEWIDE	<u>THIS PROJECT WILL REPLACE B-9999REG.</u>		FY 2018 -	\$3,300,000	(STBG)
PROJ.CATEGORY			FY 2019 -	\$3,300,000	(STBG)
REGIONAL			FY 2020 -	\$3,300,000	(STBG)
				\$13,200,000	

* INDICATES FEDERAL AMENDMENT

Thursday, September 08, 2016

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

STIP ADDITIONS

STATEWIDE

* B-9000SW	BRIDGE INSPECTION PROGRAM	IMPLEMENTATIO	FY 2017 -	\$4,400,000	(STBG)
STATEWIDE	<u>THIS PROJECT WILL REPLACE B-9999SW.</u>		FY 2018 -	\$4,400,000	(STBG)
PROJ.CATEGORY			FY 2019 -	\$4,400,000	(STBG)
STATEWIDE			FY 2020 -	\$4,400,000	(STBG)
				<u>\$17,600,000</u>	

STIP MODIFICATIONS

DIVISION 3

EB-5543	SR 1403 (MIDDLE SOUND LOOP ROAD), OGDEN	CONSTRUCTION	FY 2017 -	\$165,000	(DP)
NEW HANOVER	ELEMENTARY SCHOOL TO SR 1986 (OYSTER DRIVE).		FY 2017 -	\$41,000	(L)
PROJ.CATEGORY	CONSTRUCT MULTI-USE PATH.			<u>\$206,000</u>	
TRANSITION	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u>				

U-4751A	LENDIRE ROAD, LENDIRE ROAD, WEST OF US 17	CONSTRUCTION	FY 2017 -	\$1,000,000	(T)
NEW HANOVER	BUSINESS (MARKET STREET) TO US 17 BUSINESS			<u>\$1,000,000</u>	
PROJ.CATEGORY	(MARKET STREET)/SR 1403 (MIDDLE SOUND LOOP				
STATEWIDE	ROAD). REALIGN ROADWAY.				
	<u>TO ALLOW ADDITIONAL TIME FOR UTILITY RELOCATIONS, DELAY CONSTRUCTION FROM FY 16 TO FY 17.</u>				

DIVISION 4

* I-5111REG	I-40, WAKE COUNTY LINE TO NC 42	RIGHT-OF-WAY	FY 2018 -	\$15,000,000	(NHP)
JOHNSTON	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>	CONSTRUCTION	FY 2018 -	\$9,990,000	(NHP)
PROJ.CATEGORY	<u>THRESHOLDS</u>		FY 2019 -	\$9,990,000	(NHP)
REGIONAL			FY 2020 -	\$9,990,000	(NHP)
			FY 2021 -	\$9,990,000	(NHP)
				<u>\$54,960,000</u>	

DIVISION 5

C-5527	SR 1229 (SOUTH MAIN STREET), EXISTING SIDEWALK	CONSTRUCTION	FY 2017 -	\$473,000	(CMAQ)
FRANKLIN	TO NC 56 WEST IN LOUISBURG. CONSTRUCT		FY 2017 -	\$118,000	(L)
PROJ.CATEGORY	SIDEWALK.			<u>\$591,000</u>	
EXEMPT	<u>AT THE REQUEST OF THE TOWN FOR ADDITIONAL TIME TO COMPLETE THE R/W PHASE, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 5

* I-5111SW	I-40, I-440 / US 64 (EXIT 301) TO JOHNSTON COUNTY	RIGHT-OF-WAY	FY 2018 -	\$20,000,000	(NHP)
WAKE	LINE	CONSTRUCTION	FY 2018 -	\$45,510,000	(NHP)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2019 -	\$45,510,000	(NHP)
STATEWIDE	<u>THRESHOLDS</u>		FY 2020 -	\$45,510,000	(NHP)
			FY 2021 -	\$45,510,000	(NHP)
				\$202,040,000	
* U-4727	VARIOUS, DURHAM-CHAPEL HILL-CARRBORO	PLANNING	FY 2016 -	\$1,666,000	(STBGDA)
CHATHAM	METROPOLITAN PLANNING ORGANIZATION		FY 2016 -	\$417,000	(L)
DURHAM	(DCHCMPO) PLANNING ALLOCATION AND UNIFIED		FY 2017 -	\$1,873,000	(STBGDA)
ORANGE	WORK PROGRAM.		FY 2017 -	\$468,000	(L)
PROJ.CATEGORY	<u>ADD PLANNING FUNDS IN FY 16 AND FY 17 NOT</u>			\$4,424,000	
DIVISION	<u>PREVIOUSLY PROGRAMMED AT THE REQUEST OF</u>				
	<u>MPO.</u>				
U-5317	NORTH JUDD PARKWAY, NC 55 (NORTH BROAD	RIGHT-OF-WAY	FY 2017 -	\$2,950,000	(STBGDA)
WAKE	STREET) TO NC 42 (WEST ACADEMY STREET) IN		FY 2017 -	\$2,600,000	(L)
PROJ.CATEGORY	FUQUAY-VARINA, WAKE COUNTY. MULTILANE	UTILITIES	FY 2017 -	\$650,000	(L)
DIVISION	FACILITY ON NEW LOCATION.	CONSTRUCTION	FY 2018 -	\$18,800,000	(L)
	<u>TO ALLOW TIME TO COMPLETE THE DESIGN PHASE,</u>			\$25,000,000	
	<u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17.</u>				
* W-5522	SR 1656 (TRINITY ROAD), SR 1658 (YOUTH CENTER	RIGHT-OF-WAY	FY 2018 -	\$300,000	(HSIP)
WAKE	DRIVE) INTERSECTION IN RALEIGH. CONSTRUCT	CONSTRUCTION	FY 2019 -	\$3,200,000	(HSIP)
PROJ.CATEGORY	PEDESTRIAN TUNNEL UNDER SR 1656 (TRINITY ROAD).			\$3,500,000	
DIVISION	<u>TO ALLOW TIME FOR STAKEHOLDER MEETINGS AND</u>				
	<u>OTHER PRECONSTRUCTION ACTIVITIES, AND TO</u>				
	<u>ACQUIRE R/W AND RELOCATE UTILITIES, ADD RIGHT-</u>				
	<u>OF-WAY IN FY 18 NOT PREVIOUSLY PROGRAMMED,</u>				
	<u>AND DELAY CONSTRUCTION FROM FY 17 TO FY 19</u>				
DIVISION 6					
EB-4539BC	CAPE FEAR RIVER GREENWAY IN FAYETTEVILLE,	CONSTRUCTION	FY 2017 -	\$600,000	(TAP)
CUMBERLAND	NORTH OF CSX RAIL LINE TO SOUTH OF CSX RAIL		FY 2017 -	\$150,000	(L)
PROJ.CATEGORY	LINE.			\$750,000	
TRANSITION	<u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY</u>				
	<u>CONSTRUCTION FROM FY 16 TO FY 17.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 7

B-5351	US 29 / US 70 / BUSINESS 85, REPLACE BRIDGE 400237	RIGHT-OF-WAY	FY 2018 -	\$537,000	(HFB)
GUILFORD	AND BRIDGE 400242 OVER DEEP RIVER IN HIGH POINT.	CONSTRUCTION	FY 2019 -	\$6,895,000	(HFB)
PROJ.CATEGORY	<u>TO ALLOW TIME TO COMPLETE THE ENVIRONMENTAL</u>			\$7,432,000	
HWY FUNDS	<u>DOCUMENT, COMPLETE THE R/W PHASE AND</u>				
	<u>CONSTRUCTION PLANS, DELAY RIGHT-OF-WAY FROM</u>				
	<u>FY 17 TO FY 18, AND CONSTRUCTION FROM FY 18 TO</u>				
	<u>FY 19</u>				

* U-5864	SR 1595 / SR 4053, I-85 IN TRINITY TO TO SR 1961				
GUILFORD	(WEST MARKET CENTER DRIVE) IN HIGH POINT.				
RANDOLPH	WIDEN TO MULTILANES.				
PROJ.CATEGORY	<u>PROJECT EXPANDED TO INCORPORATE SCOPE OF U-</u>				
DIVISION	<u>5894 FOR PLANNING / ENVIRONMENTAL STUDY. SEE</u>				
	<u>PROJECT BREAKS BELOW FOR SCHEDULES AND</u>				
	<u>FUNDING.</u>				

* U-5864A	SR 1595 / SR 4053 (SURRETT DRIVE), I-85 IN TRINITY	RIGHT-OF-WAY	FY 2020 -	\$2,517,000	(T)
GUILFORD	TO TO SR 1300 (WEST FAIRFIELD ROAD) IN HIGH	UTILITIES	FY 2020 -	\$302,000	(T)
RANDOLPH	POINT. WIDEN TO MULTILANES.	CONSTRUCTION	FY 2022 -	\$31,920,000	(T)
PROJ.CATEGORY	<u>NEW BREAK ADDED TO REFLECT PRIOR SCOPE OF U-</u>			\$34,739,000	
DIVISION	<u>5864 WITH REVISED NORTHERN TERMINUS.</u>				

* U-5864B	SR 4053 (SURRETT DRIVE), SR 1300 (WEST FAIRFIELD	RIGHT-OF-WAY	FY 2023 -	\$1,066,000	(T)
GUILFORD	ROAD) TO SR 1961 (WEST MARKET CENTER DRIVE) IN	UTILITIES	FY 2023 -	\$128,000	(T)
PROJ.CATEGORY	HIGH POINT. WIDEN TO MULTILANES.	CONSTRUCTION	FY 2025 -	\$5,206,000	(T)
DIVISION	<u>NEW BREAK ADDED TO REFLECT PRIOR SCOPE OF U-</u>		FY 2026 -	\$5,206,000	(T)
	<u>5894 WITH REVISED SOUTHERN TERMINUS.</u>		FY 2027 -	\$5,206,000	(T)
				\$16,812,000	

DIVISION 8

B-5741	SR 1425 (LEE'S MILL ROAD), REPLACE BRIDGE 820030	RIGHT-OF-WAY	FY 2017 -	\$60,000	(HFB)
SCOTLAND	OVER JUNIPER CREEK.	CONSTRUCTION	FY 2024 -	\$588,000	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 17</u>			\$648,000	
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 8

B-5744	SR 1615 (HASTY ROAD), REPLACE BRIDGE 820050	RIGHT-OF-WAY	FY 2017 -	\$145,000	(HFB)
SCOTLAND	OVER BRIDGE CREEK.	CONSTRUCTION	FY 2021 -	<u>\$1,450,000</u>	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 20 TO FY 17</u>			\$1,595,000	
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

B-5746	SR 1645 (DIXIE GUANO ROAD), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$60,000	(HFB)
SCOTLAND	820043 OVER LEITHS CREEK.	CONSTRUCTION	FY 2024 -	<u>\$575,000</u>	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 17</u>			\$635,000	
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

B-5749	SR 1421 (MCINTOSH ROAD), REPLACE BRIDGE 820036	RIGHT-OF-WAY	FY 2017 -	\$130,000	(HFB)
SCOTLAND	OVER BIG SHOE HEEL CREEK.	CONSTRUCTION	FY 2022 -	<u>\$1,300,000</u>	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 17</u>			\$1,430,000	
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

B-5755	SR 1406 (ROCKFISH ROAD), REPLACE BRIDGE 460057	RIGHT-OF-WAY	FY 2017 -	\$45,000	(T)
HOKE	OVER PUPPY CREEK.	CONSTRUCTION	FY 2023 -	<u>\$893,000</u>	(T)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 22 TO FY 17</u>			\$938,000	
DIVISION	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>				

B-5928	SR 2614 (GRANTVILLE LANE), REPLACE BRIDGE	RIGHT-OF-WAY	FY 2017 -	\$25,000	(HFB)
RANDOLPH	750175 OVER MILL CREEK.	UTILITIES	FY 2017 -	\$50,000	(HFB)
PROJ.CATEGORY	<u>ACCELERATE RIGHT-OF-WAY FROM FY 21 TO FY 17</u>	CONSTRUCTION	FY 2022 -	\$725,000	(HFB)
HWY FUNDS	<u>TO REFLECT EARLY COMPLETION OF DESIGN PHASE.</u>			\$800,000	

DIVISION 9

B-5160	SR 1986 (MT. VERNON ROAD), REPLACE BRIDGE	CONSTRUCTION	FY 2017 -	<u>\$450,000</u>	(STPOFF)
ROWAN	790050 OVER NAILS BRANCH.			\$450,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME TO COMPLETE THE R/W</u>				
DIVISION	<u>PHASE, DELAY CONSTRUCTION FROM FY 16 TO FY 17</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 9

* C-5158	VARIOUS, CONSTRUCT SIDEWALKS ON KERN STREET,	RIGHT-OF-WAY	FY 2017 -	\$4,000	(CMAQ)
ROWAN	SALISBURY AVENUE, CROOK STREET, OAK STREET		FY 2017 -	\$1,000	(L)
PROJ.CATEGORY	AND BALFOUR QUARRY ROAD IN GRANITE QUARRY.	CONSTRUCTION	FY 2017 -	\$325,000	(CMAQ)
EXEMPT	<u>AT THE REQUEST OF THE TOWN FOR ADDITIONAL</u>		FY 2017 -	\$81,000	(L)
	<u>TIME, DELAY RIGHT-OF-WAY FROM FY 15 TO FY 17,</u>				
	<u>AND CONSTRUCTION FROM FY 16 TO FY 17</u>			\$411,000	

DIVISION 10

* C-5536	CHARLOTTE, MECKLENBURG COUNTY AIR QUALITY -	IMPLEMENTATIO	FY 2017 -	\$500,000	(CMAQ)
CABARRUS	GRADE (GRANTS TO REPLACE AGING DIESEL		FY 2017 -	\$125,000	(L)
GASTON	ENGIN). REPLACE, REPOWER OR RETROFIT AGING			\$625,000	
IREDELL	DIESEL VEHICLES AND EQUIPMENT.				
LINCOLN	<u>ADD ADDITIONAL FUNDING IN FY 17 AT THE REQUEST</u>				
MECKLENBURG	<u>OF THE MPO.</u>				
ROWAN					
UNION					
PROJ.CATEGORY					
EXEMPT					

EB-5775	CORNELIUS, SOUTH PRONG ROCKY RIVER	CONSTRUCTION	FY 2017 -	\$840,000	(STBGDA)
MECKLENBURG	GREENWAY (SOUTH STREET - MAIN STREET).		FY 2017 -	\$210,000	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.			\$1,050,000	
DIVISION	<u>INCREASE FUNDING FOR CONSTRUCTION BASED ON</u>				
	<u>A REQUEST FROM THE MPO.</u>				

EB-5781	CHARLOTTE, STEWART CREEK GREENWAY, STATE	CONSTRUCTION	FY 2018 -	\$1,090,000	(STBGDA)
MECKLENBURG	STREET TO ROZZELLES FERRY ROAD. CONSTRUCT		FY 2018 -	\$273,000	(L)
PROJ.CATEGORY	GREENWAY.			\$1,363,000	
DIVISION	<u>INCREASE FUNDING FOR CONSTRUCTION BASED ON</u>				
	<u>A REQUEST FROM THE MPO.</u>				

* EB-5782	CHARLOTTE, MCALPINE CREEK GREENWAY, GREEN	CONSTRUCTION	FY 2019 -	\$1,100,000	(STBGDA)
MECKLENBURG	REA ROAD TO JOHNSTON ROAD. CONSTRUCT		FY 2019 -	\$275,000	(L)
PROJ.CATEGORY	GREENWAY.			\$1,375,000	
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 19</u>				
	<u>AT THE REQUEST OF THE MPO.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

DIVISION 10

* EB-5784	CHARLOTTE, IRVINS CREEK GREENWAY, IDLEWILD	CONSTRUCTION	FY 2019 -	\$879,000	(STBGDA)
MECKLENBURG	ROAD TO LAKEVIEW CIRCLE. CONSTRUCT		FY 2019 -	<u>\$220,000</u>	(L)
PROJ.CATEGORY	GREENWAY.			\$1,099,000	
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 19</u>				
	<u>AT THE REQUEST OF THE MPO.</u>				

* EB-5785	HUNTERSVILLE, MCDOWELL CREEK GREENWAY,	CONSTRUCTION	FY 2018 -	\$1,600,000	(STBGDA)
MECKLENBURG	CHILGROVE LANE TO TORRENCE CREEK GREENWAY.		FY 2018 -	<u>\$400,000</u>	(L)
PROJ.CATEGORY	CONSTRUCT GREENWAY.			\$2,000,000	
DIVISION	<u>ACCELERATE CONSTRUCTION FROM FY 21 TO FY 18</u>				
	<u>AND ADJUST THE SOUTHERN PROJECT LIMIT FROM</u>				
	<u>SAM FURR ROAD TO CHILGROVE LANE AT THE</u>				
	<u>REQUEST OF THE MPO.</u>				

* EB-5786	MECKLENBURG COUNTY, LITTLE SUGAR CREEK	CONSTRUCTION	FY 2017 -	\$2,200,000	(STBGDA)
MECKLENBURG	GREENWAY EXTENSION, RAMBLEWOOD LANE IN		FY 2017 -	<u>\$550,000</u>	(L)
PROJ.CATEGORY	CHARLOTTE TO CADILLAC STREET IN PINEVILLE.			\$2,750,000	
DIVISION	CONSTRUCT GREENWAY.				
	<u>ACCELERATE CONSTRUCTION FROM FY 20 TO FY 17</u>				
	<u>AND ADJUST THE SOUTHERN PROJECT LIMIT FROM</u>				
	<u>BURNT MILL ROAD TO RAMBLEWOOD LANE AT THE</u>				
	<u>REQUEST OF THE MPO.</u>				

* U-5115	MATTHEWS MINT HILL, INTERSECTION OF NC 51 AND	RIGHT-OF-WAY	FY 2016 -	\$300,000	(STBGDA)
MECKLENBURG	IDLEWILD ROAD. CONSTRUCT INTERSECTION		FY 2016 -	\$75,000	(L)
PROJ.CATEGORY	IMPROVEMENTS.	CONSTRUCTION	FY 2017 -	\$1,200,000	(STBGDA)
TRANSITION	<u>ADD RIGHT-OF-WAY IN FY 16 NOT PREVIOUSLY</u>		FY 2017 -	<u>\$300,000</u>	(L)
	<u>PROGRAMMED AT THE REQUEST OF THE MPO.</u>			\$1,875,000	

U-5874	NORTH UNIVERSITY RESEARCH PARK I-85 OVERPASS,	CONSTRUCTION	FY 2017 -	\$7,400,000	(STBGDA)
MECKLENBURG	SR 2722 (LOUIS ROSE PLACE) TO DOUG MAYES		FY 2017 -	<u>\$1,850,000</u>	(L)
PROJ.CATEGORY	PLACE. CONSTRUCT NEW ROUTE.			\$9,250,000	
DIVISION	<u>INCREASE FUNDING FOR CONSTRUCTION BASED ON</u>				
	<u>A REQUEST FROM THE MPO.</u>				

DIVISION 11

* EB-5806	LENOIR, HOSPITAL AVENUE, HARPER AVENUE TO US	ENGINEERING	FY 2016 -	\$240,000	(TAPDA)
CALDWELL	321 (BLOWING ROCK BOULEVARD). CONSTRUCT		FY 2016 -	\$60,000	(L)
PROJ.CATEGORY	SIDEWALK.	RIGHT-OF-WAY	FY 2017 -	\$40,000	(TAPDA)
DIVISION	<u>ADD PRELIMINARY ENGINEERING IN FY 16 AND RIGHT-</u>		FY 2017 -	\$10,000	(L)
	<u>OF-WAY IN FY 17. TOTAL FUNDING REMAINS THE</u>	CONSTRUCTION	FY 2019 -	\$520,000	(TAPDA)
	<u>SAME BECAUSE FUNDING FOR CONSTRUCTION WAS</u>		FY 2019 -	<u>\$130,000</u>	(L)
	<u>DECREASED. DELAY CONSTRUCTION FROM FY 16 TO</u>			\$1,000,000	
	<u>FY 19.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM
STIP MODIFICATIONS

STATEWIDE

* C-5702B	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY	OTHER	FY 2017 -	\$1,500,000	(CMAQ)
STATEWIDE	CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL		FY 2017 -	<u>\$375,000</u>	(L)
PROJ.CATEGORY	CMAQ-ELIGIBLE COUNTIES.			\$1,875,000	
EXEMPT	<u>PROJECT BREAK ADDED AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>				

* C-5702C	NORTH CAROLINA CLEAN ENERGY TECHNOLOGY	OTHER	FY 2018 -	\$1,500,000	(CMAQ)
STATEWIDE	CENTER. EMISSIONS-REDUCING SUB-AWARDS IN ALL		FY 2018 -	<u>\$375,000</u>	(L)
PROJ.CATEGORY	CMAQ-ELIGIBLE COUNTIES.			\$1,875,000	
EXEMPT	<u>PROJECT BREAK ADDED AT REQUEST OF TRANSPORTATION PLANNING BRANCH.</u>				

STIP DELETIONS

DIVISION 5

* C-5169	PARK-AND-RIDE LOT, NORTH CAROLINA STATE	CONSTRUCTION	FY 2016 -	\$277,446	(CMAQ)
WAKE	UNIVERSITY. CONSTRUCT PARKING LOT NEAR NC		FY 2016 -	<u>\$69,362</u>	(L)
PROJ.CATEGORY	STATE UNIVERSITY CENTENNIAL CAMPUS.			\$346,808	
EXEMPT	<u>AT THE REQUEST OF THE UNIVERSITY, AND DUE TO HIGHER THAN EXPECTED COST, PROJECT WAS DELETED</u>				

DIVISION 7

* U-5894	SR 1595 (SURRETT DRIVE), SR 1592 (EDEN TERRACE)	RIGHT-OF-WAY	FY 2023 -	\$1,066,000	(T)
GUILFORD	TO SR 1961 (WEST MARKET CENTER DRIVE) IN HIGH	UTILITIES	FY 2023 -	\$128,000	(T)
RANDOLPH	POINT. WIDEN TO MULTILANES.	CONSTRUCTION	FY 2025 -	\$5,206,000	(T)
PROJ.CATEGORY	<u>PROJECT DELETED - WORK TO BE ACCOMPLISHED</u>		FY 2026 -	\$5,206,000	(T)
DIVISION	<u>UNDER U-5864.</u>		FY 2027 -	<u>\$5,206,000</u>	(T)
				\$16,812,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2016-2025 STIP

HIGHWAY PROGRAM

ITEM N SUMMARY

ADDITIONS	19	PROJECTS	\$49,344,000
MODIFICATIONS	33	PROJECTS	
DELETIONS	2	PROJECTS	\$17,158,808
	54	PROJECTS	\$32,185,192

* INDICATES FEDERAL AMENDMENT

Thursday, September 08, 2016

NCDOT September 8, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 31 Agreements for approval by the Board of Transportation.

Statewide

U.S. Department of Agriculture
Forest Service
National Forests in North
Carolina

This Cost Recovery Agreement is an Addendum to the Master Agreement between the parties covering processing and monitoring fees. Processing fees are for reviews, analysis, and evaluation of applications for the use and occupation of National Forest System lands. Monitoring fees are for the time needed to ensure compliance during construction within National Forest System lands. The Department will pay the fees on a project by project basis. This Supplemental Agreement is for the Department to participate in an additional amount of \$35,000 for a total estimated cost not to exceed \$285,000.

Division 4

CSX Transportation, Inc. (CSXT)
Edgecombe County
P-5711
44908

This Rail Agreement is an Addendum to the Master Engineering Agreement between the parties covering the development and review of engineering plans for the proposed Carolina Connector intermodal project in Edgecombe County as related to line of road track. CSXT will design the track and signal plans and submit those plans to the Department for review and comment. CSXT will submit a cost estimate detailing the preliminary engineering work. The Department will reimburse CSXT 100% of the actual cost for the work performed on the plans, not to exceed the agreed upon cost estimate. The Department's share of cost for all preliminary engineering activities related to project P-5711 and conducted by the Department, CSXT and CSX Intermodal Terminals will not exceed \$10,000,000.

CSX Intermodal Terminals, Inc.
(CSXIT)
Edgecombe County
P-5711
44908

This Rail Agreement covers the development and review of engineering plans for the proposed Carolina Connector intermodal project in Edgecombe County as related to the facility. CSXIT will prepare the plans and submit those plans to the Department for review and comment. CSXIT will submit a cost estimate detailing the preliminary engineering work. The Department will reimburse CSXIT 100% of the actual cost for the work performed on the plans, not to exceed the agreed upon cost estimate. The Department's share of cost for all preliminary engineering activities related to project P-5711 and conducted by the Department, CSXT and CSX Intermodal Terminals will not exceed \$10,000,000.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 5

CSX Transportation, Inc. (CSX)
Baranof Holdings Storage, LLC
(Company)
Wake County
38257

This Rail Memorandum of Understanding between the parties provides for Baranof Holdings Storage, LLC to grant the Department and CSX a permanent easement over property the Company is acquiring. Said easement, to run from Capital Boulevard to the Department's Capital Yard, will provide CSX and the Department an alternate access to the Capital Yard facility. The Company is to develop plans for improvements to the acquired property boundary. The Department is to complete improvements on property boundary pursuant to plans provided by Baranof Holdings Storage, LLC. CSX is to transfer a portion of right-of-way to the Department. The total cost to the Department is not to exceed \$75,000.

National Railroad Passenger
Corporation (Amtrak)
Wake, Durham, Alamance, &
Guilford Counties
P-2918
49999.3.STR24
32162

This Rail Agreement covers the terms under Amtrak would implement Passenger Information Display System (PIDS) at the Cary, Burlington, and Durham stations. Amtrak's responsibilities shall include preparing construction documents; procuring the software, hardware and infrastructure; installation; and confirming integration of hardware and software with Amtrak's real time data system. The Department, utilizing federal ARRA funds, shall reimburse Amtrak 100% of the cost to procure, install, and integrate the PIDS. The estimated cost of the Amtrak PIDS scope is \$1,260,816. In addition, the Department, through state funds, shall reimburse Amtrak monthly operating costs estimated to be up to \$11,067.

City of Durham
Durham County
C-5572
4601.3.F1

This Project consists of construction of Phase II of the northern section of the North/South Greenway Trail, the final stretch of the West Ellerbee Creek Trail in Durham. This Supplemental Agreement is to increase funding for the Project. The Department agrees to reimburse the Municipality an additional \$359,200 (80%) of Congestion Mitigation and Air Quality (CMAQ) funds. The Municipality will provide an additional amount of \$89,800 (20%) as their local match and all costs which exceed the total project estimated cost of \$1,801,000.

City of Durham
Durham County
EB-4707B
38664.3.FD2

This Project consists of construction of bicycle lanes and sidewalks along Old Durham Chapel Hill Road. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost is \$559,998.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 5, con't.

City of Durham
Durham County
W-5205V
45335.3.23

This Project consists of construction of a roundabout at intersection of SR 1104 (Herndon Road) and SR 1106 (Barbee Road) in Durham. The Department is responsible for all phases of the work. The Municipality has requested additional work for which it will reimburse the Department. The estimated reimbursement is \$100,000.

Division 7

Norfolk Southern Railroad
Company (NSR)
North Carolina Railroad Company
(NCRR)
Alamance County
U-3109A
34900.3.GV2

This Rail Agreement covers NSR's preliminary engineering and flagging costs for work within operating railroad right-of-way of the NCRR located along US 70 in Mebane. Work will be between mileposts H 29.78 and H 29.91, and between mileposts H 30.08 and H 30.345. The Department will be responsible for all costs incurred by NSR. The estimated project cost is \$50,000.

Division 7 and 9

Piedmont Authority For Regional
Transportation (PART)
C-4936
44036.3.1

This Program is for the implementation of a Regional Air Quality Awareness Program in Alamance, Caswell, Davidson, Davie, Forsyth, Guilford, Randolph and Rockingham Counties. This Supplemental Agreement is to update the agreement provide additional funding in the amount of \$182,660 (80%) from CMAQ funds. The PART shall provide \$45,665 (20%) as the non-federal match.

Division 8

CSX Transportation, Inc. (CSXT)
Scotland County
C-5600B
50061

This Rail Agreement is an Addendum to the Master Engineering Agreement between the parties covering the development and review of track and signal plans for the proposed Dixie Siding project in Scotland County. The Department will design or cause to be designed the track and signal plans and submit those plans to CSXT and the Department for review and comment. CSXT will submit a cost estimate detailing related preliminary engineering work for this element of project C-5600B. The Department's costs for all preliminary engineering activities conducted by the Department and CSXT related to this improvement under project C-5600B will not exceed \$3,635,200.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 9

City of Lexington
Davidson County
17BP.9.R.34

This Project consists of the replacement of Bridge No. 424 on SR 1243, including sidewalk at the interchange between Center Street and NC 8 in Lexington. This Supplemental Agreement is to include grooving on the sidewalk along East Center Street at the Talbert Street interchange. The new sidewalk shall be installed with a grooving which matches the existing sidewalk. The Municipality will reimburse the Department 100% of the actual cost of the work. The estimated cost is \$18,000.

Division 10

City of Wingate
Union County
R-3329/R-2559
34533.5.TA9

This Project consists of highway improvements on US 74 Bypass from US 74 east of I-485 near Matthews and Stallings to US 74 east of Wingate and west of Marshville (Section 3A). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$30,203.28.

City of Monroe
Union County
R-3329/R-2559
34533.5.TA9

This Project consists of highway improvements on US 74 Bypass from US 74 just east of I-485 near Matthews and Stallings to US 74 just east of Wingate and west of Marshville (Sections 2B and 2C). At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally-owned water and sewer lines. The Municipality shall reimburse the Department the entire cost of said utility work. The estimated cost to the Municipality is \$1,032,383.15.

City of Charlotte
Mecklenburg County
W-5601EC
50138.1.131
50138.2.131
50138.3.131

This Project consists of the installation of a roundabout at the intersection of Moores Chapel Road (SR 1601) and Rhyne Road (SR 1609) and the installation of right turn lanes at the existing roundabouts on Moores Chapel Road (SR 1601) at both I-485 ramps. The Department is responsible for all phases of the Project. The estimated cost of the Project is \$1,475,000. The Municipality shall participate in the Preliminary Engineering costs in the amount of \$50,000.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 10, con't.

City of Charlotte
Mecklenburg County
U-5805
44377.3.1

This Project consists of improvements at the intersection of Monroe Road (SR 1009) and Rama Road/Idlewild Road. The Municipality is responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$3,400,000. Costs which exceed this amount shall be borne by the Municipality.

Town of Cornelius
Mecklenburg County
EB-5010
41124.3.FD1

This Project consists of construction of approximately 2.6 miles of greenway trail beginning at Bailey Road Park in Cornelius and ending at Caldwell Commons on US 21. This Supplemental Agreement is to provide additional funding in the amount of \$1,011,537 from STPDA funds. The Municipality shall provide \$252,884 as the non-federal match and all costs that exceed the total estimated cost of \$3,414,421.

Town of Cornelius
Mecklenburg County
EB-5775
46417.2.1
46417.3.1

This Project consists of the construction of the South Prong Rocky River Greenway. This Supplemental Agreement is to provide additional funding in the amount of \$119,000 (80%) from STP-DA funds. The Municipality shall provide \$29,750 (20%) as the non-federal match and all costs that exceed the total estimated cost of \$1,050,000.

Town of Cornelius
Mecklenburg County
EB-5817
44837.1.1
44837.3.1

This Project consists of the design and construction of the McDowell Creek Greenway between Magnolia Estates Drive at West Catawba Avenue and Westmoreland Road. The Municipality shall be responsible for all phases of the Project. The Department shall reimburse 50% of approved eligible costs from TAP funds, not to exceed \$1,200,000. The Municipality will be responsible for providing the 50% (\$1,200,000) non-federal match and all costs that exceed the total estimated cost of \$2,400,000.

Town of Waxhaw
Union County
EB-5819
44839.1.1
44839.3.1

This Project consists of the design and construction of pedestrian and bicycle facility enhancements to include bike parking, bike shelters, bike lockers, signals, sidewalk, pedestrian crossing beacons, and other improvements in accordance with the Town's Downtown Vision Plan, the Comprehensive Pedestrian Plan and the Parks, Recreation and Cultural Resources Masterplan. The Municipality is responsible for all phases of the Project. The Department shall reimburse 50% of approved eligible costs from TAP funds, not to exceed \$514,575. The Municipality will be responsible for providing the 50% (\$514,575) non-federal match and all costs that exceed the total estimated cost of \$1,029,150.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 10, con't.

Town of Huntersville
Mecklenburg County
U-5908
46453.1.1

This Project consists of improvements on US 115 (Main Street) in Huntersville. This Agreement addresses the review and oversight of the Preliminary Engineering (PE) phase of the Project. The Department will use STP funds allocated to the Town for the Project and the Municipality will provide the non-federal match to the STP funds.

Centralina Council of
Governments
Mecklenburg County
M-0512
44843.10.12

This Project consists of the development of a Greater Charlotte Regional Freight Mobility Plan. The Agency will develop a partnership with area agencies to initiate the study. The Department will reimburse 100% of eligible costs with Federal SPR funds (\$168,408) and state match (\$42,102) up to a maximum amount of \$210,510.

Norfolk Southern Railroad
Company (NSR)
North Carolina Railroad Company
(NCRR)
Cabarrus County
I-3802A
36780.3.FS1

This Rail Agreement covers NSR's preliminary engineering and flagging costs for work within operating railroad right-of-way of the NCRR located along South Ridge Avenue in Concord. Work will be between mileposts 352.60 and 352.80, and between mileposts 352.92 and 352.93. The Department will be responsible for all costs incurred by NSR. The estimated project cost is \$50,000.

Division 12

City of Statesville
Iredell County
EB-5818
44841.1.1
44841.3.1

This Project consists of extension of an existing greenway from property owned by Duke Power west under US 21 (Turnersburg Highway) to the existing greenway at Pump Station Road. The Municipality is responsible for all phases of the Project. The Department shall reimburse 72% of approved eligible costs from TAP funds, not to exceed \$1,200,000. The Municipality will be responsible for providing the 28% (\$466,666) non-federal match and all costs that exceed the total estimated cost of \$1,666,666.

City of Gastonia
Gaston County
C-5562
44109.1.1
44109.3.FD1

This Project consists of constructing missing sidewalk links, crosswalks and bicycle facilities to provide a connection between downtown Gastonia and Lineberger Park. This Supplemental Agreement is to provide additional funding in the amount of \$75,000 (80%) from CMAQ funds. The Municipality shall provide \$18,750 (20%) as the non-federal match and all costs that exceed the total estimated costs.

NC DOT September 8, 2016 Board of Transportation Agenda

Division 12, con't.

City of Gastonia
Gaston County
C-4934
44034.1.1
44034.2.1
44034.3.1

This Project consists of traffic lane widening from a four-lane section to five-lane sections of New Hope Road (NC 279) from Burtonwood Drive to Garrison Boulevard (SR 2466). This Supplemental Agreement is to address the change in Project responsibilities. At the request of the Municipality, the Department shall administer the construction contract for the Project. The Department will utilize available CMAQ funds for 75% of the construction and inspection costs. The Municipality shall be responsible for the non-federal match (25%) and all costs that exceed the total estimated cost of \$5,844,175.

City of Hickory
Catawba County
51214.01C

This Project consists of the repair of the sinkhole at the intersection of US 70 and 7th Street Southeast in Hickory. The Department shall be responsible for the design and construction of the sinkhole repair. The Department shall provide \$1,000,000 towards the cost of the Project. The Municipality shall provide of \$2,200,000 and will share in costs that exceed the total estimated cost of \$3,200,000.

City of Mount Holly
Gaston County
U-3633
37649.3.FR1

This Project consists of improvements on NC 273 (South Main Street) from Tuckaseegee Road at Beatty Drive to Highland Street at A & E Drive in Mount Holly. The Department shall prepare the environmental and/or planning document, project plans and specifications, construct the Project, and acquire any needed right of way. At the request of the Municipality, the Department shall include in its construction contract the construction of betterments including new sidewalk and powder-coated master arms and pedestrian pedestals. The estimated reimbursement from the Municipality is \$113,859.

Town of Mcadenville
Gaston County
17BP.12.R.13

This Project consists of the replacement of Gaston Bridge #8 with an arch culvert. It also includes the construction of sidewalk, curb and gutter, decorative railing, guardrail and resurfacing of SR 2209 (Weslyn Avenue) the southern approach of the bridge and up to the intersection of NC 7 on the Northern approach. The Department is responsible for all phases of the Project. The Department shall include provisions in its construction contract for the installation of decorative railing with light posts on all corners in lieu of standard guardrail. The Municipality shall reimburse the Department a lump sum amount for the betterments. The reimbursement from the Municipality is \$60,000.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 13

Blue Ridge Southern Railroad
(BLU)
Buncombe & Jackson Counties
80000.1.4.31

This Rail Agreement supersedes part of the BLU Rail Freight Assistance Agreement agenda item that was approved at the May 5, 2016 Board of Transportation meeting. The Agreement has been modified to amend the counties of work from Buncombe, Haywood, and Jackson to Buncombe and Jackson, and reflects a decrease in the cost of the Department's participation from 50% or up to \$70,300.72, to 50% or up to \$55,696.69. The agreement's scope modification shall consist of the rehabilitation of six bridges, in lieu of eight bridges, on the BLU T line at mileposts T 11, 36.9, 38, 39.6, 40.1, and 44. All other provisions of the agreement approved at the May 5, 2016 Board of Transportation meeting shall remain the same.

Division 14

Eastern Federal Lands Highway
Division (EFLHD)
Henderson County
R-5780

This Project consist of Resurfacing, Shoulder Improvements, and Paint Markings on SR 1345 (North Mills River Road) from NC 280 to the end of pavement. The project will be funded by \$477,144.40 in Federal Lands Access Program (FLAP) Funds. The Department shall provide the non-federal match of \$116,778.60 and all cost that exceed the total estimated Project Cost of \$593,893.

NCDOT September 8, 2016 Board of Transportation Agenda

SUMMARY: There are a total of 31 Agreements for informational purposes only.

STATEWIDE

North Carolina State University
Statewide
C-4902A
44002.1.2

This project consists of the implementation and operation of the Clean Fuel Awareness Technology (CFAT) program by North Carolina State University. This Supplemental Agreement modifies the end date of the project and limits the funding available for reimbursement of educational and outreach activities.

Division 1

Town of Southern Shores
Dare County
44788

This Project consists of drainage improvements at the intersection of NC 12 and Dogwood Trail. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$150,000. Costs which exceed this amount shall be borne by the Municipality.

Division 3

City of Wilmington
New Hanover
36249.3675

This Project consists of installation of traffic signals at two intersections along 10th Street and US 76 eastbound and US 76 westbound, and two intersections along 13th Street at US 76 eastbound and US 76 westbound (Wooster Street). The Municipality shall reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$10,000.

Brunswick County
36249.3676

This Project consists of installation of a traffic signal at NC 87 (River Road SE) and Doshier Cutoff Road SE associated with the Smithville Park development and driveway. The County shall reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$5,000.

Bailey and Associates, Inc.
New Hanover County
36249.3680

This Project consists of installation of a traffic signal at US 74-76 (Eastwood Road) and SR 2782 (Wrightsville Avenue/Canal Street). The Developer shall reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$5,000.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 3, con't.

City of Clinton
Sampson County
44790

This Project consists of installation of curb & gutter, sidewalk, curb ramps, driveway aprons and catch basin at southwest corner of the intersection of SR 1855 (College Street.) and Eastover Avenue in Clinton. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$27,000. Costs which exceed this amount shall be borne by the Municipality.

Division 5

Town of Rolesville
Wake County

This Agreement is to allow Disaster Related Debris Removal by the Municipality during a State of Disaster or Imminent Threat of Disaster and/or a State of Emergency. The Municipality shall remove and dispose of disaster related debris on all released State Routes. The Municipality shall apply directly to FEMA for reimbursement of eligible debris removal costs.

Generation II Carolina, LLC
Wake County
36249.3673

This Project consists of the installation of a new traffic signal at Sunset Lake Road and Products Road in Fuquay-Varina. The Developer shall reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$5,000.

Self Help Credit Union/Venture
Fund
Durham County
36249.3674

This Project consists of modification of the existing traffic signal at the intersection of Holloway Street at N Hyde Park Avenue in Durham. The Developer shall reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$3,000.

Highland Falls North Carolina
LLC
Wake County
36249.3679

This Project consists of a signal upgrade at the intersection of Vandora Springs Road and West Garner Road. The Developer shall reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$5,000.

Wake County Board of Education
Wake County
44925

This Project consists of road improvements SR 2707 (Bryan Road) as part of the Bryan Road Elementary School construction in Garner. The Agency is responsible for all phases of the Project. The Department shall participate in the actual construction costs up to a maximum amount of \$678,054. Costs which exceed this amount shall be borne by the Agency. Total estimated costs are \$2,178,054.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 6

Columbus Jobs Foundation
Columbus County
36249.3681

This Project consists of design, fabrication, and installation of directional signs for Southeast Regional Park on US 74/76 at both approaches of Exit 238. The Developer shall reimburse 100% of the actual cost of the Department's work. The estimated reimbursement is \$1,200.

Division 7

City of Greensboro
EL-5101DO
41823.2.FD17
41823.3.FD17

This Project consists of constructing various phases of the Downtown Greenway in Greensboro. This Supplemental Agreement is to extend the completion date of the Project to January 28, 2018 in lieu of June 30, 2016.

City of Greensboro
U-5306A
47026.2.2
47026.3.F2

This Project consists of improving intersection approaches to include access management and sidewalk construction on Battleground Avenue, Benjamin Parkway, and Cone Boulevard from Battleground Avenue to west of Patriot Court. This Supplemental Agreement is to extend the completion date of the Project to February 4, 2018 in lieu of January 31, 2016.

City of Greensboro
U-5306C
47026.2.FR4
47026.3.FR4

This Project consists of improving intersection approaches to include access management and sidewalk construction on Battleground Ave and New Garden Road from to 750 feet east of Battleground Avenue. This Supplemental Agreement is to extend the completion date of the Project to November 9, 2018 in lieu of June 20, 2016.

Division 8

Town of Pittsboro
Chatham County
3608.3.07

This Project consists of construction of concrete sidewalk along SR 1967 (Pittsboro Elementary School Road). This Supplemental Agreement is to extend the completion date of the Project to December 30, 2016 in lieu of September 30, 2016.

City of Sanford
Lee County
3608.3.12

This Project consists of construction of sidewalk along SR 1514 (Bragg Street) and SR 1519 (Nash Street) and the addition of pedestrian signals at the intersections of Bragg Street and SR 1519, and Nash Street and SR 1521 (Kelly Drive) in Sanford. This Supplemental Agreement is to extend the completion date of the Project to December 30, 2016 in lieu of December 11, 2015.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 9

GEMCAP Holdings LLC
Forsyth County
36249.3684

This Project consists of installation of a signal at SR 1627 (Hanes Mill Road) at US 52 northbound Ramp. The Developer shall reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$5,500.

City of Winston-Salem
Forsyth County
B-5007
41111.1.1

This Project consists of preliminary engineering to replace Bridge Number 296 over the Norfolk Southern Railway. This Supplemental Agreement is to extend the completion date of the Project to September 30, 2020 in lieu of June 30, 2016.

Division 10

City of Charlotte
Mecklenburg County
10.106012

This Municipal Maintenance Agreement (Schedule A) is for the installation, repair and maintenance of traffic control devices. The Municipality shall install and maintain signs and supports on the State Highway System Streets located within the Municipality. The Department will reimburse the Municipality for the cost of signs and supports. The reimbursement to the Municipality for FY 2016-2017 is \$50,000.

City of Charlotte
Mecklenburg County
10.106012

This Municipal Maintenance Agreement (Schedule B) is for the Municipality to install and maintain pavement marking materials and pavement markers on the State Highway System Streets located within the Municipality. The Department will reimburse the Municipality for the cost of pavement markings and markers. The reimbursement to the Municipality for FY 2016-2017 is \$25,000.

Town of Fairview
Union County
44794

This Project consists of the construction of a left turn lane on US 601 at Fairview Park and extension of 30" reinforced pipe at the drive entrance. The Municipality shall be responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$185,000. Costs which exceed this amount shall be borne by the Municipality.

City of Charlotte
Mecklenburg County
M-0512
44843.10.6

This Project consists of a feasibility study [FS-1610A] for improvements to the I-277 loop from the I-77/Brookshire Freeway Interchange to the I-77/Belk Freeway Interchange. The Department will be responsible for all phases of the Project. The Municipality shall participate in the costs of the Project in the amount of \$99,900.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 10, con't.

Town of Davidson
Mecklenburg County
50138.3.227

This Project consists of the extension of Kincaid Greenway from the west side of SR 2693 (Davidson-Concord Road) southward 50 feet before crossing to Davidson-Concord Road to include a crosswalk and pedestrian refuge island. At the request of the Municipality and in conjunction with the Project, the Department will install a Rectangular Rapid Flashing Beacon (RRFB) at the intersection of Davidson-Concord Road and Appolinaire Drive in Davidson. The Department shall provide \$20,000 towards the cost of the RRFB. The Municipality shall be responsible for any costs over \$20,000, and for maintenance of upon completion of the Project.

Division 11

Starbucks Coffee Company
Watauga County
36249.3682

This Project consists of modifying the existing traffic signal at the intersection of US 221/321 and Boone Heights Drive by adding the fourth leg opposite of Boone Heights Drive as well as phasing for eastbound and westbound left turn movements on Blowing Rock Road. The Developer will reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$5,000.

Division 12

D.R. Horton, Inc.
Catawba County
36249.3670

This Project consists of signal modifications of the signal located at the intersection of NC 150 and SR 1848 (Sherrills Ford Road). The Developer will reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$5,000.

Division 13

City of Morganton
Burke County
U-2550B
34831.3.5

This Project consists of landscaping at the I-40 and NC 18 (South Sterling Street) Interchange, Exit 105. The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

City of Morganton
Burke County
U-2551
34832.3.2

This Project consists of landscaping at the I-40 and SR 1922 (Enola Road) Interchange, Exit 104. The Department shall develop the landscape design, prepare plans and site and install the plantings. The Municipality shall assume maintenance of the plantings after one year.

NCDOT September 8, 2016 Board of Transportation Agenda

Division 13, con't.

CIP Construction
Buncombe County
36249.3598

This Project consists of installation of a new traffic signal on US 25 (Hendersonville Road) and Ascot Point Circle. The Developer shall reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$7,500.

Ingles Markets, Inc.
Burke County
36249.3678

This Project consists of the installation of a traffic signal to include pedestrian accommodations at the intersection of US 70 (Carbon City Road) and the main entrance to Ingles Markets, Inc. The Developer shall reimburse 100% of the cost for the Department's review and inspection of the signal. The estimated reimbursement is \$7,500.

Division 14

Macon County
36249.3677

This Project consists of an Asphalt Surface Treatment for Parker's Meadow greenway and parking lot access in Macon County. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department \$13,000 for the work performed by the Department.

NCDOT September 2016 Board of Transportation Agenda

Approval of Municipal Street System Changes

There will be no municipal street system changes presented for approval at the September 2016 Board meeting.

NCDOT September 2016 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R - 1 thru R - 3
2	Final Right of Way Plans	R - 4
3	Revisions of Final Right of Way Plans	R - 5
4	Advance Acquisition Approval for Highway Right of Way	R - 6
4	Approval of Conveyance of Highway Right of Way Residues	R - 7 & R - 8
5	Approval of Conveyance of Surplus Highway Right of Way	R - 9
6	Approval of Revision in Control of Access	R - 10

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 Unit 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 Unit to acquire right of way on the below projects either by negotiation or by condemnation through the Attorney General's Office.

(Division 3)

Onslow County; I.D. No. W-5203X; Project No. 45333.2.FS24:

US 17 (New Bern Highway) and SR 1407 (Wolf Swamp Road) and SR 1326 (Drummer Kellum Road)

(Division 4)

Johnston County; I.D. No. B-4770; Project No. 38542.2.1:

Bridge No. 32 over Hannah Creek on SR 1185

(Division 5)

Wake County; I.D. No. W-5601AB; Project No. 50138.2.29:

NC 96 at NC 98, install a roundabout

(Division 6)

Cumberland County; I.D. No. B-4950; Project No. 40108.2.1:

Bridges No. 171 and 172 over South River on SR 1851/SR 1426

Cumberland County; I.D. No. U-4405; Project No. 39049.2.1:

US 401 (Raeford Road) from West of Hampton Oaks Drive to East of Fairway Drive in Fayetteville

Preliminary Right of Way Plans (continued)

(Division 7)

Orange County; I.D. No. B-5348; Project No. 46062.2.1:
Bridge No. 85 over Phil's Creek on SR 1005

Guilford County; I.D. No. EL-5101DL; Project No. 41823.2.F15:
Greensboro – Greensboro sidewalk designs

(Division 8)

Moore County; I.D. No. B-5758; Project No. 45714.2.1:
Bridge No. 13 over Aberdeen Creek on SR 1102 (Addor Road)

Chatham County; I.D. No. B-5747; Project No. 45703.2.1:
Bridge No. 157 over Cedar Creek on SR 2145 (R. Jordan Road)

Richmond County; I.D. No. B-5760; Project No. 45716.2.1:
Bridge No. 79 over Naked Creek on SR 1424 (Jones Spring Church Road)

Randolph County; I.D. No. W-5601HV; Project No. 50138.2.231:
NC 42 near SR 2895 (Moffit Mill Road), safety improvements

Randolph County; I.D. No. B-5739; Project No. 45695.2.1:
Bridge No. 170 over Reed Creek on SR 2621

Randolph County; I.D. No. B-5763; Project No. 45719.2.1:
Bridge No. 129 over a branch of Sandy Creek on SR 2407

Richmond County; I.D. No. R-3421A; Project No. 34542.2.6:
US 220 Bypass from US 74 Bypass West of Rockingham at SR 1109 (Zion Church Road) Interchange to South of SR 1140 (Old Charlotte Highway) Utilities

(Division 10)

Union County; I.D. No. W-5601BK; Project No. 50138.2.64:
NC 200 (Lancaster) and SR 1117 (Providence Road South)

Union County; I.D. No. U-3467; Project No. 39019.2.5:
NC 84 from NC 16 to SR 1008 (Waxhaw-Indian Trail Road) in Wesley Chapel

(Division 12)

Iredell County; I.D. No. C-5701; Project No. 46446.2.1:
Intersection of NC 801/150

(Division 13)

Burke County; I.D. No. B-4447; Project No. 38371.2.2:
Bridge No. 160 and 162 over SR 1758 (Berea Church Road)

Preliminary Right of Way Plans (continued)

(Division 14)

Transylvania County; I.D. No. B-4823; Project No. 38593.2.1:
Bridge No. 12 over Hogsed Creek on SR 1538

Jackson County; I.D. No. B-5159; Project No. 42334.2.1:
Bridge No. 101 over Caney Creek

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 5)

Project No. 38664.2.2; Durham County; I.D. No. EB-4707B:

Grading, drainage, paving and signals on bicycle improvements – Durham – Pope Road to Garrett Road with the right of way indicated upon the final plans for said project.

(Division 7)

Project No. 34820.2.19; Guilford County; I.D. No. U-2524D:

Grading, drainage, culverts, structures, ITS, paving and signals on Greensboro Western Loop – from US 220 (Battleground Avenue) to SR 2303 (Lawndale Drive) with the right of way indicated upon the final plans for said project.

(Division 10)

Project No. 32638.2.2; Anson County; I.D. No. B-2506:

Structure, grading, drainage and paving on Bridge No. 8 over Brown Creek on SR 1627 with the right of way indicated upon the final plans for said project.

(Division 14)

Project No. 42271.2.FR1; Macon County; I.D. No. B-5125:

Grading, drainage, paving, signal and structure on Bridge No. 22 over Little Tennessee River on US 441 Business 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 5)

Project No. 34745.2.8; I.D. No. U-0071; Durham County:

Final Right of Way plans approved on the minutes of the November 6, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 5 & 6 as presented at the September 8, 2016 Board of Transportation Meeting.

(Division 7)

Project No. 34429.2.4; I.D. No. R-2413C; Guilford & Rockingham Counties:

Final Right of Way plans approved on the minutes of the March 8, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 21 as presented at the September 8, 2016 Board of Transportation Meeting.

Advance Acquisition of Highway Right of Way

Upon recommendation of the Manager of the Right of Way Unit, the Board has been requested to authorize the acquisition of the following properties through negotiation or condemnation for purposes of highway construction in order to prevent undue hardship on property owners or to protect the right of way corridor from development prior to regular project approval. The Board finds such acquisitions to be necessary, and hereby authorizes the Right of Way Unit to acquire said properties either by negotiation or by condemnation through the Office of the Attorney General.

Division 5

**Property of Southbridge Fellowship Church
I.D. No. U-5518B, Parcel #900,
WBS 43612.2.3, F. A. Project N/A,
County of Wake-Durham**

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 1)

Project 6.149001B, Parcels R-2548B 006 and 007, US 64 from West of SR 1126 (Newland Road) to SR 1139 (Tyson Farm Road)

Washington County

Conveyance of an approximate 38.916-acre landlocked residue area to Linden Carolina, LLC, the only interested adjacent owner, for the appraised value of \$53,000.00.

(Division 3)

**Project 2C.025011, 1302 and 1304 Broad Street in New Bern
Craven County**

Conveyance of an approximate 0.200-acre residue area to the City of New Bern for no monetary consideration. The City of New Bern intends to use this residue for the Third Avenue re-alignment project. If the land use changes to anything other for the Third Avenue re-alignment project, the property shall revert back the Department. If any portion is needed for future transportation uses, the City of New Bern will convey back to the Department the portion needed for transportation uses at no cost.

(Division 5)

**Project 35520.5.TA1, Parcel R-2635CI 903, I-540 South of Roberts Road
Wake County**

Conveyance of an approximate 0.164-acre landlocked residue area to Pulte Home Corporation, the only interested adjacent owner, for the appraised value of \$10,000.00.

(Division 8)

**Project 34504.2.2, Parcel R-2812 007A, NC 211 from NC 73 in West End to the
Traffic Circle in Pinehurst
Moore County**

Conveyance of an approximate 0.390-acre residue area to Charles D. Pope, the highest bidder after advertisement, for the high bid amount of \$5,500.00.

(Division 9)

**Project 8.1620403, Parcel I-900BB 449, I-40 Westbound on Ramp at Union Cross
Road in Winston-Salem
Forsyth County**

Conveyance of an approximate 4.385-acre landlocked residue area to First Christian Church Ministries, the only interested adjacent owner, for the appraised value of \$3,500.00.

(Division 10)

**Project 6.804816, Parcels U-2009A 018 and 019, Westside Bypass from South of I-
85 to NC 73
Mecklenburg County**

Conveyance of an approximate 0.256-acre residue area to Ralph Hartsell, Trustee of the Ralph H. Hartsell Living Trust dated November 16, 2012; the highest bidder after advertisement, for the high bid amount of \$2,050.00.

Approval of conveyance of Highway Right of Way Residues (continued)

(Division 10) (continued)

Project 6.678008T, Parcel R-2248AC 905, I-485 (Charlotte Western Outer Loop)
Mecklenburg County

Conveyance of an approximate 1.500-acre residue area to Muhammad Development Group Incorporated, the highest bidder after advertisement, for the high bid amount of \$500,000.00.

CONVEYANCE OF ROW RESIDUE

7 PROJECT(S)

\$574,050.00

Approval of conveyance of Surplus Highway Right of Way

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

(Division 11)

**Project 8.1740901, Parcel R-2917 068, US 601 from US 52/I-77 Connector to SR 1365 South of Mt. Airy
Surry County**

Conveyance of an approximate 1.624-acre surplus right of way area to the City of Mount Airy for no monetary consideration.

(Division 14)

**Project 8.18362 and 34334.3.1, Parcels R-0505 060, 061, and 062; SR 1807 (Oak Grove Road) near SR 1809 (Tabor Road) in Flat Rock
Henderson County**

Conveyance of an approximate 0.245-acre surplus right of way area to Teardrop Investments, LLC for the appraised value of \$7,900.00.

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 10)

**Project 8.1654827, Parcel 004, I-277 in Charlotte from I-77 to Third Street
Mecklenburg County**

Grant of a revisions in the existing control of access to CUSA N.C. Holdings L. P. for the relocation of the existing control access to the from front of the sidewalk along South Boulevard at parcel 004 near the I-277/Caldwell Street Interchange, and also for two control access breaks for pedestrian access adjacent to parcel 004 in Charlotte, for the no monetary consideration.

APPROVAL OF REVISION IN CONTROL OF ACCESS 1 PROJECT(S)

\$0.00

R-ITEM SUMMARY

37 PROJECT(S)

TOTAL: \$581,950.00

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2016 - 2017**

At the time of preparation of this agenda item the General Assembly had ratified House Bill 1030. Accordingly, it is recommended that General Maintenance Reserve, Pavement Preservation, Contract Resurfacing, and Bridge Program allocations be made in accordance with the Session Law 2016-94.

The staff recommends these funds be allocated to the Divisions in accordance with the following:

<u>SCHEDULE I – GENERAL MAINTENANCE RESERVE</u>	<u>TOTAL ALLOCATION</u>
Road and Bridge Maintenance	337,398,999
State and Federal Obligation	21,835,000
Asset Maintenance and Operation	17,800,000
Research and Development	550,000
Emergency	90,000,000
SUBTOTAL	\$467,583,999
 <u>SCHEDULE II – PAVEMENT PRESERVATION</u>	 \$85,045,024
 <u>SCHEDULE III – CONTRACT RESURFACING</u>	 \$497,946,495
 <u>SCHEDULE IV – BRIDGE PROGRAM</u>	 \$242,374,444
GRAND TOTAL	\$1,292,949,962

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2016 - 2017**

Based on consultation with Division Engineers, the General Maintenance allocation formula is comprised of 65% road and bridge inventory and 35% assessed and non-assessed need. Additionally, road and bridge asset inventory is weighted 70% and 30%, respectively. Pavement Preservation and Contract Resurfacing allocation formulas are comprised of 65% road inventory and 35% need. The Bridge Program allocation formula is based on need for structurally deficient bridges not already let or programed.

SCHEDULE I – GENERAL MAINTENANCE RESERVE

In accordance with the recommended allocations listed on Page 1, a total of \$467,583,999 has been made available for distribution. These funds will be used for Road and Bridge Maintenance, as well as support Enterprise level programs.

ROAD AND BRIDGE MAINTENANCE

This item, listed under General Maintenance Reserve, will be utilized for the purposes of continuing routine maintenance activities including, but not limited to, pavement patching, pavement markings, markers, signs, symbols, roadside vegetation management, drainage, unpaved shoulders, litter pickup, and other similar maintenance activities. Bridge related activities include, but are not limited to, repairing concrete bridge decks, girder painting, emergency bridge repair or replacement, replacing electrical components, foundation repair, installation of support bents, and flooring and rail repair. Replacing small critical bridges and pipes, and maintaining navigational lighting systems on high level bridges located over navigational waterways are also eligible activities. These expenditures will include both contract and force account maintenance.

ENTERPRISE PROGRAMS

Enterprise level programs are comprised of four main categories: **State and Federal Obligations, Asset Maintenance and Operations, Research and Development, and Emergencies.**

State and Federal Obligations are funds required either by state or federal laws, regulations or rules. Examples of such obligations include Inmate Labor, Asphalt Testing Labs Corrective Actions, Drug & Alcohol Testing, Railroad Signal Maintenance, and maintenance of Weigh Stations.

Asset Maintenance and Operations are funds used to assess and address statewide program needs. Examples include funding the condition assessment program, inspection of Non-NBIS bridges, sign structures, and high mast lighting, and maintenance repairs to assets such as traffic signals and renovating rest areas.

Research and Development are funds used to research, develop, and implement state of the art maintenance technologies, practices and procedures. Objectives of these programs include improving maintenance efficiencies and improving cost effectiveness.

Emergencies are funds used for weather related events, to cover unanticipated expenditures for non-declared emergency operations, as well as snow and ice equipment purchases.

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2016 - 2017**

The Inmate Labor allocation of \$9,140,000 was initially included as part of the inventory and needs based formula allocation. Following the formula distribution, each Division's allocation was proportionately reduced in accordance with a 3-year average utilization rate per Division.

Further detail regarding recommended allocations of these funds is addressed in Table 1 below:

Table 1 – SCHEDULE 1

DIVISION	INITIAL FORMULA ALLOCATION	INMATE LABOR ADJUSTMENT	TOTAL ALLOCATION
1	26,200,411	(876,764)	25,323,647
2	20,447,643	(351,461)	20,096,182
3	23,476,312	(657,038)	22,819,274
4	24,773,387	(344,908)	24,428,479
5	30,652,732	(499,456)	30,153,276
6	24,352,327	(463,225)	23,889,102
7	25,533,314	(700,701)	24,832,613
8	25,469,794	(1,486,237)	23,983,557
9	22,407,497	(617,179)	21,790,318
10	25,041,170	(328,502)	24,712,668
11	23,686,022	(834,382)	22,851,640
12	26,573,624	(837,160)	25,736,464
13	25,421,325	(1,071,465)	24,349,860
14	22,503,441	(71,522)	22,431,919
Subtotal	\$346,538,999	(\$9,140,000)	\$337,398,999
State and Federal Obligation	12,695,000	9,140,000	21,835,000
Asset Maintenance & Operations	17,800,000	-	17,800,000
Research and Development	550,000	-	550,000
Emergencies	90,000,000	-	90,000,000
Subtotal	\$121,045,000	\$9,140,000	\$130,185,000
Grand Total	\$467,583,999	\$0	\$467,583,999

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2016 - 2017**

SCHEDULE II – PAVEMENT PRESERVATION

Beginning in FY 2015, the General Assembly has provided funds to address preservation activities or treatments for asphalt pavement structures. Eligible activities include the following: chip seals, slurry seals, fog seals, sand seals, scrub seals, and cape seals. Microsurfacing, profile milling not covered by resurfacing, asphalt rejuvenators, and open graded asphalt friction course is also eligible. Additional preservation activities include overlays less than 1,000 feet in length, diamond grinding, joint sealing, dowel bar retrofit, and partial or full depth repairs and reclamations. Ultra-thin whitetopping, thin lift and sand asphalt overlays and asphalt crack sealing are also eligible pavement preservation activities. \$85,045,024 has been made available and will be distributed by the aforementioned inventory and needs based formula.

SCHEDULE III – CONTRACT RESURFACING

Of the total \$497,946,495 available, the staff recommends continuing to cash flow \$78,000,000 equally in each of the 14 Highway Divisions and is included in the allocation numbers. These activities will include placement of plant mixed asphalt, surface treatment seals, and recycling existing pavement. They will also include surface preparation, shoulder reconstruction, and traffic lane markings, performed by State Forces and by Contract. In accordance with current legislation, up to 15% of the funds may be used for widening existing narrow pavements. Additionally, a total of \$89,152,561 is distributed equally per County in accordance with Session Law 2015-241. It is also recommended that, of the total funds available, \$2,300,000 be allocated for the purpose of Pavement Condition Assessments on the Secondary system and \$525,000 be allocated for the purpose of Automated Assessments on the Primary system, leaving a balance of \$405,968,934 to be distributed based on each Division's pro-rata share of inventory and need.

SCHEDULE IV – BRIDGE PROGRAM

The Bridge Program formula reconciles Division bridge program assessed need with State bridge program assessed need to address structurally deficient bridges. Of the total \$242,374,444 available, it is recommended that \$10,000,000 be allocated to fund ongoing Preliminary Engineering activities on 132 projects started in 2016. Also, it is recommended that \$18,750,000 be allocated for Right-of-Way acquisition on 82 bridge projects in 2017 and \$46,250,000 be allocated for Construction of 34 bridge projects in 2017. Of the remaining funds, a uniform allocation of \$6,000,000 per Division is recommended to address needs that occur on a cyclical basis in each Division, leaving a balance of \$167,374,444 to be allocated based on assessed need.

Further detail regarding recommended allocations of these funds is addressed in Table 2 on page 5.

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2016 - 2017**

Table 2 – SCHEDULES II, III, and IV

Division	Schedule II Pavement Preservation	Schedule III Contract Resurfacing	Schedule IV Bridge Program
1	5,010,591	37,828,588	7,927,548
2	5,039,948	35,526,339	8,485,670
3	5,658,427	37,399,542	8,967,801
4	6,558,958	37,514,467	10,657,558
5	6,082,256	48,627,820	9,811,699
6	6,263,091	32,146,946	7,800,750
7	5,444,083	32,977,374	16,722,782
8	7,361,540	42,815,538	10,595,874
9	6,710,854	26,391,441	10,885,140
10	5,624,309	33,052,589	8,957,776
11	7,717,176	31,575,442	19,373,788
12	6,559,325	35,184,725	14,304,630
13	5,032,560	31,716,173	18,343,622
14	5,981,906	32,364,511	14,539,806
Statewide	0	2,825,000	75,000,000
Grand Total	\$85,045,024	\$497,946,495	\$242,374,444

Item S Summary: 4 Actions totaling \$1,292,949,962

There are no Comprehensive Transportation Plans to be presented for approval at the September 8, 2016 Board of Transportation Meeting.