



# STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

LAND OF SKY RURAL PLANNING ORGANIZATION



2016-2025

# 2015

JUNE 2015

North Carolina Department of Transportation











LAND OF SKY RURAL PLANNING ORGANIZATION

HIGHWAY PROGRAM

TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
								FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
<b>FEDERAL BRIDGE PROJECTS</b>																		
MADISON	NC 251	B-4777	REPLACE BRIDGE 560008 AND BRIDGE 560009 OVER IVY RIVER.		5161	101	HFB				R	460						
		HF					HFB					C	4600					
TRANSYLVANIA	SR 1107 (EAST FORK ROAD)	B-4288	REPLACE BRIDGE 870085 OVER EAST FORK FRENCH BROAD RIVER.		1470	1470												
		DIV																
UNDER CONSTRUCTION																		
TRANSYLVANIA	SR 1119 (SUGAR LOAF ROAD)	B-4822	REPLACE BRIDGE 870013 OVER NICHOLSON CREEK.		1130	230	STPOFF	C	900									
		DIV																
RIGHT OF WAY IN PROGRESS																		
TRANSYLVANIA	SR 1139 (OLD TOXAWAY ROAD)	B-5405	REPLACE BRIDGE 870139 OVER EAST BRANCH TOXAWAY CREEK.		650	150	HFB				R	50						
		HF					HFB					C	450					
MADISON	SR 1151 (BIG PINE ROAD)	B-5882	REPLACE BRIDGE 560145 OVER BIG PINE CREEK.		425	100	HFB				R	25						
		HF					HFB					C	300					
MADISON	SR 1151 (BIG PINE ROAD)	B-5883	REPLACE BRIDGE 560144 OVER BIG PINE CREEK.		340		HFB							R	30			
		HF					HFB								C	310		
MADISON	SR 1151 (BIG PINE ROAD)	B-4984	REPLACE BRIDGE 560138 OVER BIG PINE CREEK.		1514	1514												
		DIV																
UNDER CONSTRUCTION																		
MADISON	SR 1155 (UPPER PAW PAW)	B-5878	REPLACE BRIDGE 560353 OVER PAW PAW CREEK.		260		STPOFF							R	10			
		DIV					STPOFF								C	250		
TRANSYLVANIA	SR 1316 (OAK GROVE CHURCH ROAD)	B-5915	REPLACE BRIDGE 870029 OVER FLAT CREEK.		270		STPOFF								R	10		
		DIV					STPOFF									C	260	
TRANSYLVANIA	SR 1324 (TENNESSEE GAP ROAD)	B-4289	REPLACE BRIDGE 870093 OVER NORTH FORK FRENCH BROAD RIVER.		1585	1585												
		DIV																
UNDER CONSTRUCTION																		

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								STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM						
								FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS	
<b>HIGHWAY SAFETY PROJECTS</b>																			
CHEROKEE CLAY GRAHAM HAYWOOD HENDERSON JACKSON MACON POLK SWAIN TRANSYLVANIA	VARIOUS	W-5214	DIVISION 14 RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		7080	7080													
IN PROGRESS - DIVISION PURCHASE ORDER CONTRACT (DPOC)																			
<b>CONGESTION MITIGATION PROJECTS</b>																			
BUNCOMBE HAYWOOD MADISON TRANSYLVANIA	VARIOUS	C-5564	LAND OF SKY RPO TO WORK WITH REGIONAL CLEAN AIR CAMPAIGN AND CLEAN VEHICLE COALITION TO IMPLEMENT AN EDUCATIONAL AND OUTREACH PROGRAM IN COMMUNITIES ADJACENT TO GREAT SMOKY MOUNTAINS NATIONAL PARK.		132	94		CMAQ	I	30									
		EX						L	I	8									
IN PROGRESS																			
HAYWOOD SWAIN	VARIOUS	C-5612	PROJECTS TO IMPROVE CONGESTION AND AIR QUALITY IN THE LAND OF SKY RPO AND SOUTHWESTERN RPO.		100			CMAQ	C	50		C	50						
		EX																	
HAYWOOD SWAIN	EASTERN BAND OF CHEROKEE INDIANS (EBCI)	C-5151	GREAT SMOKIES NATIONAL PARK. CONSTRUCT A MIXED-USE PATHWAY.		177	177													
		EX																	
UNDER CONSTRUCTION																			
HAYWOOD SWAIN	GREAT SMOKY MOUNTAINS NATIONAL PARK (GSMNP)	C-5202	TRANSPORTATION CHOICES. INCREASE EDUCATION EFFORTS THAT INFORM VISITORS ABOUT THE ROLE THEIR TRANSPORTATION CHOICES HAVE IN RELATION TO AIR POLLUTION ISSUES IN GSMNP.		285	210		CMAQ	I	60									
		EX						L	I	15									
IN PROGRESS																			

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								STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
								FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
<b>ENHANCEMENT (CALL PROJECTS)</b>																		
ALLEGHANY	VARIOUS	E-4975	BLUE RIDGE NATIONAL HERITAGE SITES. INTERPRETATIVE AND GATEWAY MARKERS.		210	210												
ASHE																		
AVERY																		
BUNCOMBE																		
BURKE																		
CALDWELL																		
CHEROKEE																		
CLAY																		
GRAHAM																		
HAYWOOD																		
HENDERSON																		
JACKSON																		
MACON																		
MADISON																		
MCDOWELL																		
MITCHELL																		
POLK																		
RUTHERFORD																		
SURRY																		
SWAIN																		
TRANSYLVANIA																		
WATAUGA																		
WILKES																		
YANCEY																		
								UNDER CONSTRUCTION										

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**DIVISION 00**

**NON HIGHWAY PROGRAM**

**TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS**

COUNTY	ROUTE / CITY / TRANSIT PARTNER	ID NUMBER	LOCATION / DESCRIPTION	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS											
							STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED	
							FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS	
DURHAM	DURHAM AREA TRANSIT AUTHORITY	TA-4738	PASSENGER AMENITIES - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.			FUZCP 4000 A												
						FUZCP 700 A												
									CP 9000 A									
												CP 5000 B		CP 5000 B	CP 5000 B			CP 5000 B
																		CP 10000 C
																		CP 20000 C

**ROUTE / CITY / TRANSIT PARTNER**  
 I - Interstate  
 US or NC Routes  
 SR - Secondary Road  
 Various - multiple routes  
 NEW ROUTE or City  
 TRANSIT PARTNER

**IDENTIFICATION NUMBER**  
 Assigned to each project at conception and remains with project until completion.

**LOCATION / DESCRIPTION**  
 Project termini and a general work description.

**FUNDING SOURCE (2)**  
 See Highway Funding Key for an explanation of funding categories used for each project phase.

**FUNDING CATEGORY (1)**  
 Identifies the "STI" Funding Category for the project and any project breaks.

DIV A BUS STOP SHELTER AND BENCHES LOCATED AT HOLLOWAY STREET  
 DIV B BUS STOP SHELTER AND BENCHES LOCATED AT GREGSON AVENUE  
 DIV C SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.

**PROJECT BREAKS**  
 One or two letter designation for project break.

**WORK TYPE (ACTIVITY) (3)**  
 Phases of implementation: Preliminary Engineering, Right of Way, Mitigation, Utilities or Construction.  
 For other work types or activities see Work Type (Activity) box below

**ESTIMATED COST**  
 Preliminary Engineering, Right of Way, Utility, Mitigation and Construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates (Cash-Flow Funding) with proposed work type or activity beginning in the initial scheduled year. (Estimates are in thousand of dollars.)

**UNFUNDED FUTURE COMMITMENTS**

(1) FUNDING CATEGORY
DIV - Division
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(2) FUNDING SOURCES KEY	
ADTAP - Appalachian Development Transportation Assistance Pgm.	L - Local
CMAQ - Congestion Mitigation	O - Other
DP - Discretionary or Demonstration	RR - Rail-Highway Safety
FBUS - Capital Program - Bus Earmark (5309)	RTAP - Rural Transit Assistance Program
FED - Federal Rail Funds	S - State
FEPD - Elderly and Persons with Disability (5310)	S (M) - State Match
FF - Federal Ferry	SMAP - Operating Assistance and State Maintenance
FLAP - Federal Lands Access Program	SRTS - Safe Routes to School
FMOD - Fixed Guideway Modifications	STAT - State
FMPL - Metropolitan Planning (5303)	STHSR - Stimulus High Speed Rail
FNF - New Freedom Program	STP - Surface Transportation Program
FNS - New Starts - Capital (5309)	STPDA - Surface Transportation Program - Direct Attributable
FNU - Non Urbanized Area Formula Program (5311)	STPE - Surface Transportation Program, Enhancements
FSGR - State of Good Repair	STPEB - Surface Transportation Program, Enhancements (Bike)
FSPR - State Planning and Research	T - State Highway Trust Funds
FUZ - Urbanized Area Formula Program (5307)	T2001 - State Rail Funds
HP - Federal-Aid High Priority	TAP - Transportation Alternatives Program
JARC - Job Assistance and Reverse Commute (3037)	TAPDA - Transportation Alternatives Program - Direct Attributable
	TIGER DISC - TIGER Discretionary Grants

(3) WORK TYPE (ACTIVITY)
A - Acquisition
AD - Administrative
C - Construction
CP - Capital
I - Impementation
O - Operations
Oc - OPS Funded Capital
PE - Preliminary Engineering
PL - Planning / Design
R - Right-of-Way



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								FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
<b>BICYCLE AND PEDESTRIAN PROJECTS</b>																		
MADISON	MARS HILL	EB-5536 TRN	GABRIEL CREEK GREENWAY, PHASE I. CONSTRUCT 10 FEET WIDE GREENWAY NEAR OR ADJACENT TO GABRIEL CREEK.	0.8	570	570												
UNDER CONSTRUCTION																		
<b>PUBLIC TRANSPORTATION PROJECTS</b>																		
HENDERSON	APPLE COUNTRY TRANSIT	TA-6558	CAPITAL		106	106	FNU											
							L											
							S											
		HF																
MADISON TRANSYLVANIA	LAND OF SKY REGIONAL COUNCIL OF GOVERNMENTS	TQ-6929	OPERATING		90		FEPD	O	45									
							L	O	45									
		HF																
BUNCOMBE	MOUNTAIN MOBILITY - BUNCOMBE	TC-5008	CAPITAL FUNDING FOR PURCHASE AND INSTALLATION OF NOTIFICATION MODULE SOFTWARE FOR ROUTING AND SCHEDULING		72		ADTAP	CP	58									
							L	CP	14									
		HF																
HAYWOOD	MOUNTAIN PROJECTS, INC.	TA-6531	CAPITAL		41	41	FEPD											
							L											
		HF					S											
HAYWOOD	MOUNTAIN PROJECTS, INC.	TM-5314	5316 OPERATING FOR EMPLOYMENT TRIPS TO BUNCOMBE COUNTY		80	80	JARC											
							L											
		HF																
HAYWOOD	MOUNTAIN PROJECTS, INC.	TQ-8017	CAPITAL - MOBILITY MANAGEMENT		58		FEPD	CP	46									
							L	CP	6									
		HF					S	CP	6									
HAYWOOD	MOUNTAIN PROJECTS, INC.	TQ-6182	OPERATING ASSISTANCE		270	270	FEPD											
							L											
		HF																
HAYWOOD	MOUNTAIN PROJECTS, INC.	TQ-6183	MOBILITY MANAGEMENT		127	127	FEPD											
							L											
		HF					S											

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								STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED				
								FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS				
<b>PUBLIC TRANSPORTATION PROJECTS</b>																						
HAYWOOD	MOUNTAIN PROJECTS, INC.	TO-6947	OPERATING		114		FEPD	O	57													
		HF					L	O	57													
TRANSYLVANIA	TRANSYLVANIA COUNTY	TA-6272	CAPITAL		118	118	FNU															
		HF					L															
							S															

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STATEWIDE PROJECTS

HIGHWAY PROGRAM

COUNTY		ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	STATE TRANSPORTATION PROGRAM										DEVELOPMENTAL PROGRAM					UNFUNDED	FUTURE YEARS														
									FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025																					
<b>RURAL PROJECTS</b>																																							
STATEWIDE	VARIOUS		M-0391	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.		8478	4478		T	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV	PE	120	DIV			
									T	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE	PE	120	RE			
									T	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW	PE	160	SW			
			SW						DIV	DIV	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																												
									REG	REG	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																												
									SW	SW	STRUCTURE DESIGN, PRELIMINARY ENGINEERING FOR MISCELLANEOUS PROJECTS.																												
IN PROGRESS																																							
STATEWIDE	VARIOUS		R-5753	FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL LANDS.					PROGRAM IN PROGRESS																														
			EX						PROGRAM IN PROGRESS																														
STATEWIDE	VARIOUS		R-4701	TRAFFIC SYSTEM OPERATIONS PROGRAM (SIGNAL MAINTENANCE).		265523	265523		IN PROGRESS																														
									IN PROGRESS																														
STATEWIDE	VARIOUS		R-4049	TRAFFIC OPERATIONS (INCIDENT MANAGEMENT, 511, SMARTLINK, TEC, TMC).		158759	158759		IN PROGRESS																														
									IN PROGRESS																														
STATEWIDE	VARIOUS		R-4067	POSITIVE GUIDANCE PROGRAM (PAVEMENT MARKINGS AND MARKERS, LED SIGNAL HEAD REPLACEMENT).		89398	89398		IN PROGRESS																														
									IN PROGRESS																														
STATEWIDE	VARIOUS		R-4073	ASPHALT MATERIALS TESTING LABORATORIES CORRECTIVE ACTION PLAN FOR GROUNDWATER CLEAN-UP AT 54 SITES.		17399	17399		IN PROGRESS																														
									IN PROGRESS																														
STATEWIDE	VARIOUS		R-4436	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.		61399	31399	STP	C	3000	DIV	C	3000	DIV	C	3000	DIV	C	3000	DIV	C	3000	DIV	C	3000	DIV	C	3000	DIV	C	3000	DIV	C	3000	DIV				
									DIV	DIV	NPDES PERMIT, RETROFIT FOURTEEN SITES PER YEAR TO PROTECT WATER QUALITY.																												
									IN PROGRESS																														
STATEWIDE	VARIOUS		R-9999WM	ENVIRONMENTAL MITIGATION AND MINIMIZATION.		73971	63971	NHP	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV				
									NHP	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE			
									NHP	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW			
									T	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV			
									T	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE			
									T	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW			
			SW						DIV	DIV	ENVIRONMENTAL MITIGATION AND MINIMIZATION.																												
									REG	REG	ENVIRONMENTAL MITIGATION AND MINIMIZATION.																												
									SW	SW	ENVIRONMENTAL MITIGATION AND MINIMIZATION.																												
IN PROGRESS																																							
<b>FEASIBILITY STUDIES</b>																																							
STATEWIDE	VARIOUS		M-0452	TOLLING/FINANCIAL FEASIBILITY STUDIES.		3064	1064	T	PE	200		PE	200		PE	200		PE	200		PE	200		PE	200		PE	200		PE	200		PE	200					
			SW																																				

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								STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM						FUTURE YEARS				
								FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025						
<b>FEDERAL BRIDGE PROJECTS</b>																							
STATEWIDE	VARIOUS	B-9999	BRIDGE INSPECTION PROGRAM.		300121	190121		STP	I	3300	DIV	I	3300	DIV	I	3300	DIV	I	3300	DIV			
								STP	I	3300	RE	I	3300	RE	I	3300	RE	I	3300	RE			
								STP	I	4400	SW	I	4400	SW	I	4400	SW	I	4400	SW			
								DIV DIV BRIDGE INSPECTION PROGRAM.															
								REG REG BRIDGE INSPECTION PROGRAM.															
								SW SW BRIDGE INSPECTION PROGRAM.															
								IN PROGRESS															
STATEWIDE	VARIOUS	BK-5100	ESTABLISH BRIDGE MANAGEMENT SYSTEM.		5000	5000																	
								IN PROGRESS															
STATEWIDE	VARIOUS	BK-5101	DECK PRESERVATION AT 15 SELECTED LOCATIONS.		7747	7747																	
								UNDER CONSTRUCTION															
STATEWIDE	VARIOUS	BK-5132	IN-DEPTH ENGINEERING EVALUATION OF WEIGHT RESTRICTIONS ON LOAD POSTED BRIDGES ON US AND NC DESIGNATED ROUTES.		1000	1000																	
								IN PROGRESS															
STATEWIDE	VARIOUS	BK-5102	BRIDGE PAINTING AT 19 SELECTED LOCATIONS.		2027	2027																	
								IN PROGRESS															
STATEWIDE	VARIOUS	BK-5131	BRIDGE PRESERVATION AT SELECTED LOCATIONS.		1500	1500																	
								UNDER CONSTRUCTION															
STATEWIDE	VARIOUS	BP-5500	BRIDGE PRESERVATION ISSUES AT SELECTED SITES.		14270	14270																	
								SW DIV BRIDGE PRESERVATION ISSUES AT SELECTED SITES.															
								SW REG BRIDGE PRESERVATION ISSUES AT SELECTED SITES.															
								SW SW BRIDGE PRESERVATION ISSUES AT SELECTED SITES.															
STATEWIDE	VARIOUS	M-0379	SCOUR EVALUATION PROGRAM OF EXISTING BRIDGES.		3100	3100																	
								IN PROGRESS															
STATEWIDE	VARIOUS	M-0418	STORM WATER RUNOFF. RESEARCH, DESIGN, CONSTRUCT, MAINTAIN AND MONITOR STORM WATER DRAINAGE FROM 50 BRIDGES OVER WATERWAYS. (HB 2346, SECTION 25.18)		5860	5860																	
								UNDER CONSTRUCTION															

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<b>MITIGATION PROJECTS</b>																																				
STATEWIDE	VARIOUS	R-9999MW	ENVORINMENTAL MITIGATION AND MINIMIZATION.		73971	63971		NHP	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV							
								NHP	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE							
								NHP	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW							
								T	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV	M	150	DIV							
								T	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE	M	150	RE							
								T	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW	M	200	SW							
		SW						DIV DIV ENVIRONMENTAL MITIGATION AND MINIMIZATION REG REG ENVIRONMENTAL MITIGATION AND MINIMIZATION SW SW ENVIRONMENTAL MITIGATION AND MINIMIZATION																												
IN PROGRESS																																				
<b>HIGHWAY SAFETY PROJECTS</b>																																				
STATEWIDE	VARIOUS	W-5517	SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.		66000	11000		HSIP	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV	PE	1650	DIV				
								HSIP	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE	PE	1650	RE				
								HSIP	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW	PE	2200	SW				
								DIV DIV SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING. REG REG SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING. SW SW SAFETY MANAGEMENT PROGRAM, PROJECT IDENTIFICATION, ANALYSIS AND PRELIMINARY ENGINEERING.																												
STATEWIDE	VARIOUS	W-9999	HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.		186200			HSIP							C	6450	DIV	C	6750	DIV	C	7110	DIV	C	7110	DIV	C	7110	DIV	C	7110	DIV				
								HSIP							C	6450	RE	C	6750	RE	C	7110	RE	C	7110	RE	C	7110	RE	C	7110	RE				
								HSIP							C	8600	SW	C	9000	SW	C	9480	SW	C	9480	SW	C	9480	SW	C	9480	SW				
		SW						DIV DIV HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE. REG REG HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE. SW SW HIGHWAY SAFETY IMPROVEMENT PROGRAM BALANCE.																												
STATEWIDE	VARIOUS	W-5300	SIGNAL RETIMING TO IMPROVE SAFETY.		15808	5808		HSIP	C	300	DIV	C	300	DIV	C	300	DIV	C	300	DIV	C	300	DIV	C	300	DIV	C	300	DIV	C	300	DIV				
								HSIP	C	300	RE	C	300	RE	C	300	RE	C	300	RE	C	300	RE	C	300	RE	C	300	RE	C	300	RE				
								HSIP	C	400	SW	C	400	SW	C	400	SW	C	400	SW	C	400	SW	C	400	SW	C	400	SW	C	400	SW				
								DIV DIV SIGNAL RETIMING TO IMPROVE SAFETY. REG REG SIGNAL RETIMING TO IMPROVE SAFETY. SW SW SIGNAL RETIMING TO IMPROVE SAFETY.																												
IN PROGRESS																																				
STATEWIDE	VARIOUS	W-5601	RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS.		105078	7078		HSIP	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV	R	420	DIV				
								HSIP	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV	C	2520	DIV				
								HSIP	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE	R	420	RE				
								HSIP	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE	C	2520	RE				
								HSIP	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW	R	560	SW				
								HSIP	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW	C	3360	SW				
		SW						DIV DIV RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON DIVISION CATEGORY. REG REG RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON REGIONAL CATEGORY. SW SW RUMBLE STRIPS, GUARDRAIL, SAFETY AND LIGHTING IMPROVEMENTS AT SELECTED LOCATIONS ON STATWIDE CATEGORY.																												
IN PROGRESS																																				
STATEWIDE	VARIOUS	W-5508	HIGHWAY SYSTEM DATA COLLECTION. TRAFFIC ENGINEERING BRANCH TO PARTICIPATE IN A THREE YEAR DATA COLLECTION PROGRAM.		1500	1500																														

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 SW - Statewide Category TRN - Transition Project

COST AND SCHEDULES ARE PRELIMINARY AND SUBJECT TO SIGNIFICANT CHANGE AS MORE INFORMATION BECOMES AVAILABLE

STATEWIDE PROJECTS

HIGHWAY PROGRAM

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS														UNFUNDED FUTURE YEARS				
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM													
							FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025									
<b>CONGESTION MITIGATION PROJECTS</b>																									
STATEWIDE	VARIOUS	C-5600 EX	STATEWIDE CMAQ PROJECTS TO IMPROVE AIR QUALITY WITHIN NONATTAINMENT AND MAINTENANCE AREAS.		31342		CMAQ	C	15671	C	15671														
STATEWIDE	VARIOUS	C-5601 EX	CMAQ PROJECTS TO IMPROVE AIR QUALITY ACROSS MULTIPLE NONATTAINMENT AND MAINTENANCE AREAS.		4500		CMAQ	C	2250	C	2250														
STATEWIDE	VARIOUS	C-5554 EX	DIVISION OF AIR QUALITY SCHOOL BUS REPLACEMENT PROGRAM. REPLACE BUSES WITH NEW BUSES THAT MEET THE NEW HEAVY DUTY DIESEL TRUCK AND BUS STANDARDS.		1775	1775	IN PROGRESS																		
STATEWIDE	VARIOUS	C-3600 EX	DEPARTMENT OF MOTOR VEHICLES (DMV), VEHICLE EMISSION COMPLIANCE SYSTEM. UPGRADE NORTH CAROLINA'S MOTOR VEHICLE EMISSIONS INSPECTION AND MAINTENANCE (I/M) PROGRAM.		6702	6702	IN PROGRESS BY DEPARTMENT OF MOTOR VEHICLES																		
STATEWIDE	NORTH CAROLINA STATE UNIVERSITY	C-4902 EX	NORTH CAROLINA STATE UNIVERSITY SOLAR CENTER CLEAN TRANSPORTATION PROGRAM. DEVELOP AND ADMINISTER A SEVEN YEAR CLEAN FUEL-ADVANCED TECHNOLOGY REBATE PROGRAM IN ALL CMAQ ELIGIBLE COUNTIES TO REDUCE EMISSIONS.		4694	4694	IN PROGRESS BY NORTH CAROLINA STATE UNIVERSITY																		
STATEWIDE	NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES	C-4903 EX	NORTH CAROLINA AIR AWARENESS OUTREACH PROGRAM TO PROVIDE EDUCATION AND PRODUCE DAILY AIR QUALITY FORECAST.		2125	1500	CMAQ	I	500	O	I	125													
STATEWIDE	STATEWIDE	C-9999 EX	CONGESTION MITIGATION AIR QUALITY (CMAQ) PROGRAM BALANCE IN NON-ATTAINMENT AREAS.		240000		CMAQ					C	30000	C	30000	C	30000	C	30000	C	30000				
<b>ENHANCEMENT (ROADSIDE PROJECTS)</b>																									
STATEWIDE	VARIOUS	ER-5600	VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE.		40000		STP	C	4000	DIV	C	4000	DIV	C	4000	DIV	C	4000	DIV	C	4000	DIV	C	4000	DIV
DIV DIV VEGETATION MANAGEMENT - CLEAR ZONE IMPROVEMENT AND MANAGEMENT STATEWIDE. - IN PROGRESS																									
STATEWIDE	VARIOUS	M-0451 SW	STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.		1112	412	T	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV	PE	21	DIV
IN PROGRESS																									
DIV DIV STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																									
REG REG STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																									
SW SW STATEWIDE LANDSCAPE PLANS FOR STIP CONSTRUCTION PROJECTS.																									

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STATEWIDE PROJECTS

HIGHWAY PROGRAM

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS										
								STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED
								FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS
<b>SAFE ROUTES TO SCHOOLS PROJECTS</b>																		
STATEWIDE	VARIOUS	SR-5001 DIV	SAFE ROUTES TO SCHOOL PROGRAM. PROJECTS TO IMPROVE SAFETY, REDUCE TRAFFIC, FUEL CONSUMPTION AND AIR POLLUTION IN VICINITY OF SCHOOLS.		10926	10926												
IN PROGRESS - \$200,800 IN STPDA FUNDS ALLOCATED TO SR-5001C																		
STATEWIDE	VARIOUS	SR-5000 DIV	SAFE ROUTES TO SCHOOL PROGRAM. EDUCATIONAL, TRAINING AND OTHER NON-INFRASTRUCTURE NEEDS.		6435	6435												
IN PROGRESS																		
<b>ROADSIDE ENVIRONMENTAL PROJECTS (REST AREA)</b>																		
STATEWIDE	VARIOUS	K-4704 SW	REST AREA SYSTEM PRESERVATION. PAVEMENT, PAVEMENT MARKING, CURB AND GUTTER, SIDEWALKS AND OTHER REHABILITATION ITEMS.		4100	4100												
IN PROGRESS																		

DIV - Division Category	EX - Exempt Category
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**DIVISION 00**

**NON HIGHWAY PROGRAM**

**TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS**

COUNTY	ROUTE / CITY / TRANSIT PARTNER	ID NUMBER	LOCATION / DESCRIPTION	TOTAL PROJECT COST (THOU)	PRIOR YEARS COST (THOU)	FUNDS	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS											
							STATE TRANSPORTATION IMPROVEMENT PROGRAM					DEVELOPMENTAL PROGRAM					UNFUNDED	
							FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FUTURE YEARS	
DURHAM	DURHAM AREA TRANSIT AUTHORITY	TA-4738	PASSENGER AMENITIES - BUS STOP SHELTERS, BENCHES, SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.			FUZCP 4000 A												
						FUZCP 700 A												
									CP 9000 A									
												CP 5000 B			CP 5000 B	CP 5000 B	CP 5000 B	
																	CP 10000 C	
																	CP 20000 C	

**ROUTE / CITY / TRANSIT PARTNER**  
 I - Interstate  
 US or NC Routes  
 SR - Secondary Road  
 Various - multiple routes  
 NEW ROUTE or City  
 TRANSIT PARTNER

**IDENTIFICATION NUMBER**  
 Assigned to each project at conception and remains with project until completion.

**LOCATION / DESCRIPTION**  
 Project termini and a general work description.

**FUNDING SOURCE (2)**  
 See Highway Funding Key for an explanation of funding categories used for each project phase.

**FUNDING CATEGORY (1)**  
 Identifies the "STI" Funding Category for the project and any project breaks.

DIV A BUS STOP SHELTER AND BENCHES LOCATED AT HOLLOWAY STREET  
 DIV B BUS STOP SHELTER AND BENCHES LOCATED AT GREGSON AVENUE  
 DIV C SHOP EQUIPMENT, SPARE PARTS, ENGINES, SERVICE VEHICLES, ETC.

**PROJECT BREAKS**  
 One or two letter designation for project break.

**WORK TYPE (ACTIVITY) (3)**  
 Phases of implementation: Preliminary Engineering, Right of Way, Mitigation, Utilities or Construction.  
 For other work types or activities see Work Type (Activity) box below

**ESTIMATED COST**  
 Preliminary Engineering, Right of Way, Utility, Mitigation and Construction cost estimates by funding category in current dollars. Cost may include one or more funding types. Multi-year funding of a project segment indicates (Cash-Flow Funding) with proposed work type or activity beginning in the initial scheduled year. (Estimates are in thousand of dollars.)

**UNFUNDED FUTURE COMMITMENTS**

(1) FUNDING CATEGORY
DIV - Division
HF - State Dollars (Non-STI)
REG - Regional
SW - Statewide

(2) FUNDING SOURCES KEY	
ADTAP - Appalachian Development Transportation Assistance Pgm.	L - Local
CMAQ - Congestion Mitigation	O - Other
DP - Discretionary or Demonstration	RR - Rail-Highway Safety
FBUS - Capital Program - Bus Earmark (5309)	RTAP - Rural Transit Assistance Program
FED - Federal Rail Funds	S - State
FEPD - Elderly and Persons with Disability (5310)	S (M) - State Match
FF - Federal Ferry	SMAP - Operating Assistance and State Maintenance
FLAP - Federal Lands Access Program	SRTS - Safe Routes to School
FMOD - Fixed Guideway Modifications	STAT - State
FMPL - Metropolitan Planning (5303)	STHSR - Stimulus High Speed Rail
FNF - New Freedom Program	STP - Surface Transportation Program
FNS - New Starts - Capital (5309)	STPDA - Surface Transportation Program - Direct Attributable
FNU - Non Urbanized Area Formula Program (5311)	STPE - Surface Transportation Program, Enhancements
FSGR - State of Good Repair	STPEB - Surface Transportation Program, Enhancements (Bike)
FSPR - State Planning and Research	T - State Highway Trust Funds
FUZ - Urbanized Area Formula Program (5307)	T2001 - State Rail Funds
HP - Federal-Aid High Priority	TAP - Transportation Alternatives Program
JARC - Job Assistance and Reverse Commute (3037)	TAPDA - Transportation Alternatives Program - Direct Attributable
	TIGER DISC - TIGER Discretionary Grants

(3) WORK TYPE (ACTIVITY)
A - Acquisition
AD - Administrative
C - Construction
CP - Capital
I - Impementation
O - Operations
Oc - OPS Funded Capital
PE - Preliminary Engineering
PL - Planning / Design
R - Right-of-Way



STATEWIDE PROJECTS

NON HIGHWAY PROGRAM

COUNTY	ROUTE/CITY	ID NUMBER	LOCATION / DESCRIPTION	LENGTH	TOTAL PROJ COST (THOU)	PRIOR YEARS COST (THOU)	TYPE OF WORK / ESTIMATED COST IN THOUSANDS / PROJECT BREAKS															UNFUNDED FUTURE YEARS								
							STATE TRANSPORTATION PROGRAM					DEVELOPMENTAL PROGRAM																		
							FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025														
<b>BICYCLE AND PEDESTRIAN PROJECTS</b>																														
STATEWIDE	VARIOUS	E-4018 DIV	NATIONAL RECREATIONAL TRAILS.		12645	645	TAP	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200	C	1200			
IN PROGRESS																														
STATEWIDE	VARIOUS	EB-3314 TRN	STATEWIDE PEDESTRIAN FACILITIES PROGRAM.		5260	5260																								
UNDER CONSTRUCTION																														
STATEWIDE	VARIOUS	EB-4411	ROADWAY IMPROVEMENTS FOR BICYCLE SAFETY ON STATE AND LOCAL DESIGNATED BIKE ROUTES.																											
IN PROGRESS																														
STATEWIDE	VARIOUS	EB-5542 DIV	STATEWIDE BICYCLE-PEDESTRIAN PROGRAM.		10000		STP	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000	PE	1000			
STATEWIDE	VARIOUS	ER-2971 TRN	SIDEWALK PROGRAM IN ALL FOURTEEN HIGHWAY DIVISIONS.		25408	25408																								
IN PROGRESS - \$182,000 IN STPDA FUNDS ALLOCATED TO ER-2971E																														
<b>PUBLIC TRANSPORTATION PROJECTS</b>																														
STATEWIDE	GREYHOUND LINES	TI-6108 HF	INTERCITY BUS SERVICE FROM RALEIGH TO JACKSONVILLE VIA WILMINGTON ALONG US 70, US 117, AND US 17 AND FROM JACKSONVILLE TO MYRTLE BEACH VIA WILMINGTON ALONG US 17		4081	4081	FNU																							
STATEWIDE	GREYHOUND LINES	TI-6107 HF	INTERCITY BUS SERVICE from RALEIGH TO JACKSONVILLE ALONG US 70 AND US 17 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, KINSTON, AND NEW BERN		1910	1910	FNU																							
STATEWIDE	GREYHOUND LINES	TI-6106 HF	INTERCITY BUS SERVICE FROM RALEIGH TO WILMINGTON ALONG US 70 AND US 117 WITH STOPS AT RALEIGH, SMITHFIELD, GOLDSBORO, WALLACE, AND WILMINGTON		1592	1592	FNU																							
STATEWIDE	GREYHOUND LINES	TI-6105 HF	INTERCITY BUS SERVICE FROM RALEIGH TO NORFOLK ALONG US 64 AND US 258 WITH STOPS AT RALEIGH, ROCKY MOUNT, AHOSKIE, AND SUFFOLK		1402	1402	FNF																							
STATEWIDE	NCDOT FERRY DIVISION	TA-6535 HF	CAPITAL		789	789	FNF																							

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