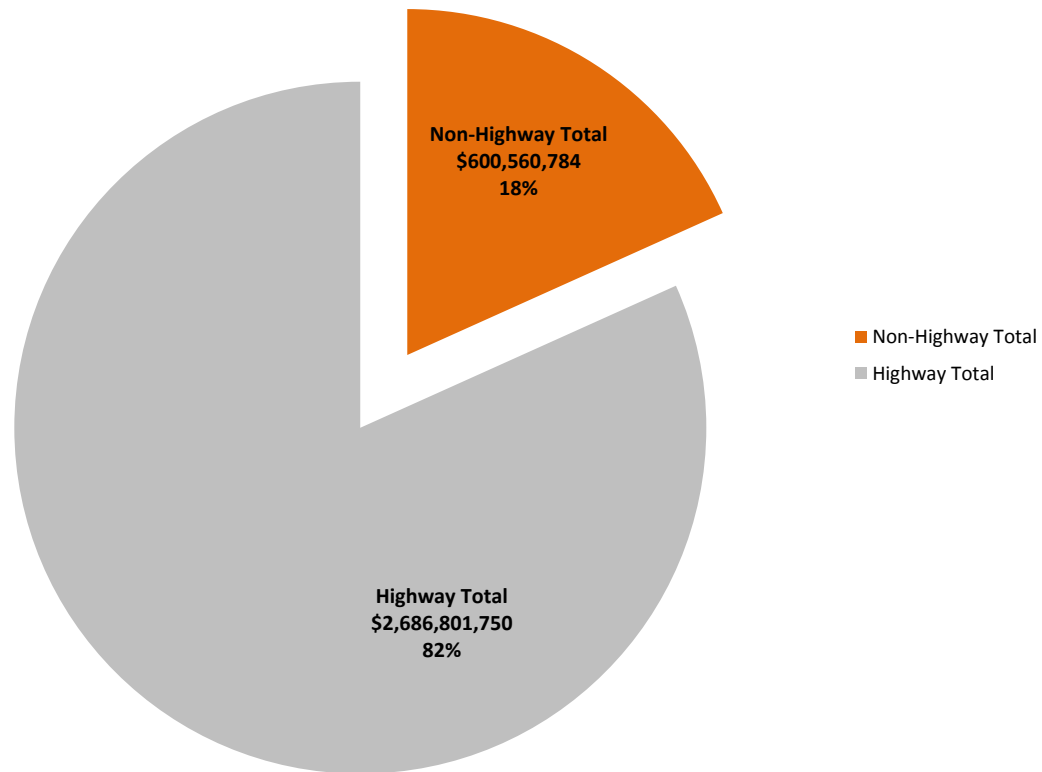
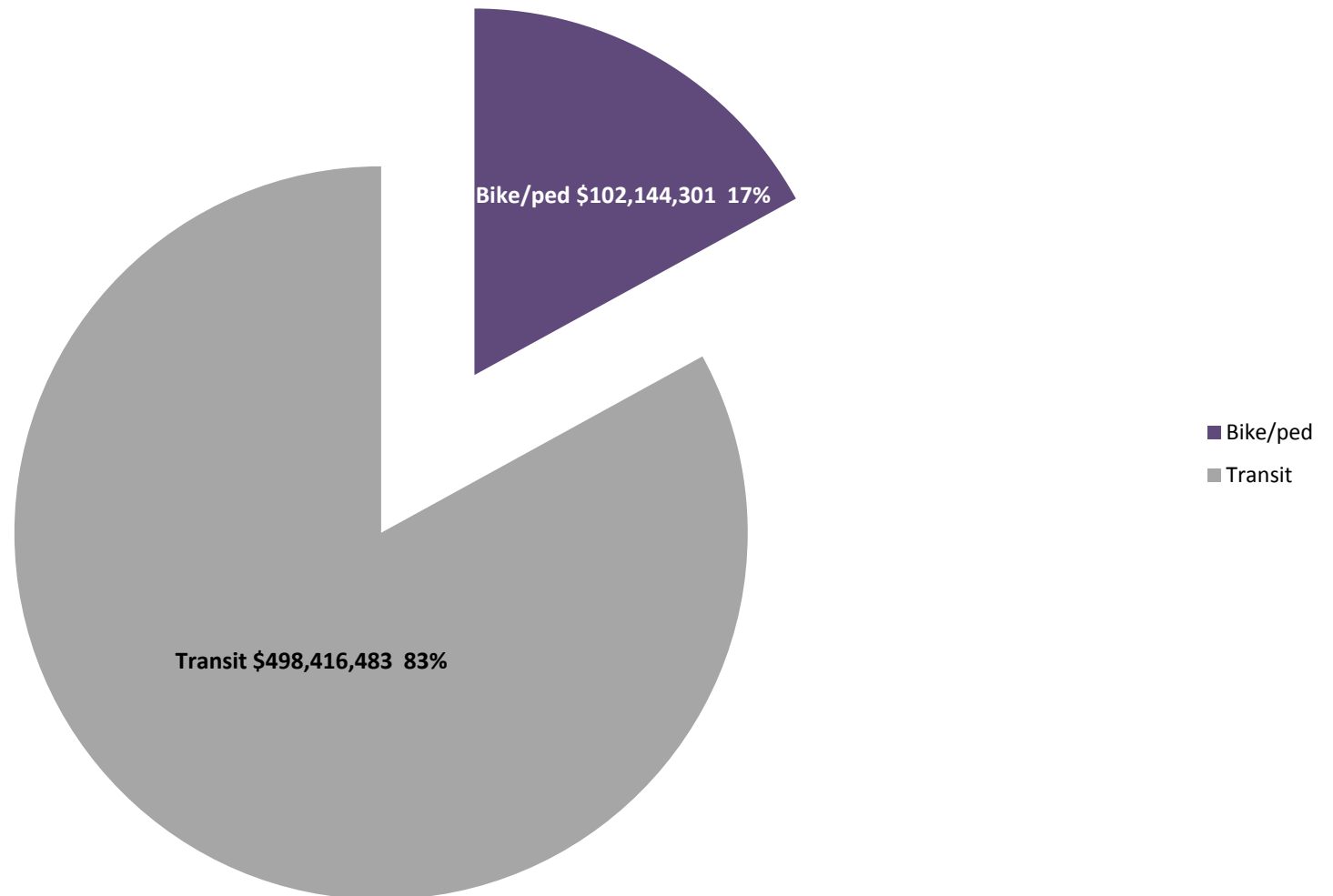


Highway vs. Non-Highway Funding Programmed in 2016-2025 TIP (As of May 2016)



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Non-Highway Project Split (Bike & Ped vs. Transit)



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Non-Highway Projects			
TIP #	Project Name	Description	Total Cost
C-4928	SR 1317 (Morreene Road)	Construct bike lanes and sidewalks along Morreene Road in Durham, from Neal Road to SR 1320 (Erwin Road). Planning, design, right of way, and construction by the City of Durham. This project is in progress.	\$6,317,000
C-4932 A	Orange County Park-and-Ride Lot	Park and Ride facility in Town of Hillsborough, install bus shelters and bike racks.	\$19,998
C-4932 B	Orange County Park-and-Ride Lot	Park and Ride facility in Town of Hillsborough. Provide operating assistance for three years. This project is in progress by Orange County.	\$436,000
C-5176	American Tobacco Trail (ATT)	American Tobacco Trail in Chatham County, New Hope Church Road Trailhead Park and Ride Lot. This project is under construction by the Town of Cary.	\$1,192,000
C-5178	Sidewalks in Durham (Campus Walk Ave & LaSalle St)	Sidewalks on Campus Walk Ave from Morreene Rd to LaSalle St. Sidewalks on LaSalle St from Kangaroo Dr to Erwin Rd in Durham. Planning, design, right of way, and construction are in progress by the City of Durham.	\$336,000
C-5179	SR 1750 (North Estes Drive)	Construct five foot sidewalks and five foot bike lanes on North Estes Drive from NC 86 (Martin Luther King, Jr. Boulevard) to Caswell Drive in Chapel Hill. Construct a ten-foot multi-use path along North Estes Drive from NC 86 (Martin Luther King, Jr. Boulevard) to Elliott Road in Chapel Hill. Planning, design, right of way, and construction are in progress by the Town of Chapel Hill.	\$2,558,000
C-5181	Jones Creek Greenway	Construct a 100 foot bridge and 650 foot paved trail in Carrboro to fill gap between the Upper Bolin Trail and Twin Creeks Greenway and implement program to support non-vehicle trips to Morris Grove Elementary School. Planning, design, right of way, and construction by the Town of Carrboro.	\$462,000
C-5183 B	Sidewalks in Durham (A	Sidewalks along Alston Avenue from Capp Street to Riddle Road.	\$805,450
C-5184	Riverwalk Trail	Riverwalk Trail, Phase III in Hillsborough. Construct a paved off-road trail along Eno River connecting River Park, Gold Park, and the Oconeechee Mountain State Natural Area, and construct sidewalk to provide pedestrian and bicycle connections to the greenway. Planning, design, right of way, and construction are in progress by the Town of Hillsborough.	\$610,000
C-5572	West Ellerbe Creek Greenway Trail	West Ellerbe Creek Greenway Phase II: Westover Park to Stadium Drive in Durham. Construct multi-use path. Planning, design, right of way, and construction are in progress by the City of Durham.	\$2,381,240
C-5605 A	Downtown Multi-Use P	Construction of a shared use path to connect Greensboro and Lloyd streets in Carrboro, including a railroad crossing.	\$215,254
C-5605 B	GoDurham Bus Replacement	Bus replacement project.	\$1,400,000
C-5605 C	CHT Bus Replacement	For the purchase of replacement buses. On October 19, 2015, Chapel Hill Transit was awarded \$1,120,000 of federal CMAQ funding in 2017.	\$1,400,000

Non-Highway Projects			
TIP #	Project Name	Description	Total Cost
EB-4707	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). The full project is from US 15/501 in Orange County to SR 1116 (Garrett Rd) in Durham County. Bicycle, pedestrian, and transit improvements; and construction of a roundabout. Total project length is 2.7 miles. The total project cost is \$1,3321,000. Project #EB-4707 is the just the PE/design for the project. Breaks A and B of the project present the funding and schedule for ROW, Utilities, and Construction.	\$2,109,278
EB-4707 A	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). Full EB-4707 project is from US 15/501 in Orange County to SR 1116 (Garrett Rd) in Durham County. Bicycle, pedestrian, and transit improvements; and construction of a roundabout. Total project length is 2.7 miles. Total project cost is \$13,321,000. Break A of the project is from US 15/501 in Orange County to SR 1113 (Pope Rd) in Durham County.	\$4,376,517
EB-4707 B	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). Full EB-4707 project is from US 15/501 in Orange County to SR 1116 (Garrett Rd) in Durham County. Bicycle, pedestrian, and transit improvements; and construction of a roundabout. Total project length is 2.7 miles. Total project cost for this project is \$13,321,000. Break B of the project is from SR 1113 (Pope Rd) to SR 1116 (Garrett Rd) in Durham County.	\$7,675,856
EB-5514	NC 751 / SR 1183 / SR 2220	Add bicycle lanes and pedestrian improvements along NC 751 from SR 1116 (Garrett Road) to SR 1158 (Cornwallis Road) in Durham. Planning, design, right of way, and construction are in progress by the City of Durham.	\$1,025,000
EB-5703	LaSalle Street Sidewalks	Construct sidewalks on both sides of LaSalle Street from Kangaroo Drive to US 70 Business (Hillsborough Road) and on one-side of LaSalle Street from Hillsborough Road to Sprunt Avenue. Planning, design, right of way, and construction by the City of Durham.	\$611,000
EB-5704	Raynor Street Sidewalks	Construct sidewalk on one side of street along Raynor Street from North Miami Boulevard to North Hardee Street in Durham. Planning, design, right of way, and construction by the City of Durham.	\$300,000
EB-5708	NC 54 Sidewalks	Construct sections of sidewalk on south side of NC 54, from NC 55 to Research Triangle Park western limit in Durham. Planning, design, right of way, and construction by the City of Durham.	\$300,000
EB-5715	US 501 Bypass (North Duke Street) Sidewalks	Construct sidewalk on east side of North Duke Street from Murray Avenue to US 501 Business (North Roxboro Road) to fill in existing gaps. Planning, design, right of way, and construction by the City of Durham.	\$1,324,000
EB-5720	Bryant Bridge Trail	Construct a multi-use path from NC 55 to the Kelly Bryant Bridge in Durham. Planning, design, right of way, and construction by the City of Durham.	\$1,235,000
EB-5721	Orange County Bicycle Route 1	Cleland Drive to Willow Drive in Chapel Hill. Upgrade existing off-road path (located along US 15/US 501 Fordham Blvd) and construct new section of path.	\$558,000
EB-5738	SR 1008 (Mt. Carmel Church Road) Bicycle Lanes	Construct bicycle lanes along Mt. Carmel Church Road from SR 1008 (Old Farrington Point Road) to the Orange County line.	\$435,000
EB-5739	SR 1532 (Manns Chapel Road) Bicycle Lanes	From SR 1534 (Poythress Road) to US 15/US 501. Construct bicycle lanes.	\$705,000
EL-2921 E	American Tobacco Trail	NC 54 in Durham to Chatham County line. Construct a multi-purpose trail. Parts A - D complete, Part E under construction by the City of Durham.	\$7,507,024

Non-Highway Projects			
TIP #	Project Name	Description	Total Cost
EL-4828	Morgan Creek Greenway (West)	Western section, SR 1919 (Smith Level Road) to University Lake in Carrboro. Construct greenway and connections. This project is for Phase 1 and Phase 2 of the western section of Morgan Creek Greenway. Phase 1 construction costs are \$372,000. Phase 2 construction costs are \$912,000. Each phase is shown separately in the project schedule. Planning, design, right of way, and construction for this project are in progress by the Town of Carrboro.	\$2,068,000
ER-2971	NCDOT Sidewalk Program	NCDOT's Sidewalk Program in all fourteen highway divisions. This project is in progress. \$182,000 in STP-DA funds have been allocated to Prior Year of ER-2971E, (new TIP #: U-4726 HJ has been created for the City of Durham portion of this project).	\$25,123,000
SR-5001	Safe Routes to School: Infrastructure	Safe Routes to School Program. Project to improve safety, reduce traffic, fuel consumption, and air pollution in the vicinity of schools. This project is in progress. \$200,800 of STP-DA funds have been allocated to SR-5001C.	\$14,526,000
TA-4726	CHT Replacement Bus	Replacement Buses. 5309/5339 Grant.	\$51,141,000
TA-4726 A	CHT Replacement Buses	Purchase replacement buses. In progress by Chapel Hill Transit. STP-DA Flex Funds Bus Replacement.	\$2,072,331
TA-4748	CHT Replacement Paratransit Vehicle	Replacement Paratransit Vehicle. 5307 GRANT.	\$4,421,000
TA-4818 B	GoTriangle Replacement Bus	Replacement bus. 5307 Grant.	\$6,491,000
TA-4923	GoDurham Replacement Bus	Battery replacement, bus refurbishment, and paratransit vehicles and bus purchases. STP-DA Grant.	\$59,078,817
TA-4979	CHT Replacement Van	Replacement Van. 5307 Grant.	\$4,061,000
TA-5019 A	GoDurham Replacement Paratransit Vehicle	Purchase of paratransit vehicles, bus refurbishment, and bus shelters. STP-DA Grant.	\$685,000
TA-5123 B	GoTriangle Expansion Bus	Expansion bus. 5307 Grant.	\$19,546,000
TA-5135	GoTriangle Bus Rehabilitation	Bus rehabilitation. 5309 Grant.	\$277,000
TA-5143	CHT Support & Paratransit Vehicles	Purchase Support & Paratransit Vehicles. 5309 Grant.	\$200,000
TA-5144	GoDurham Bus Purchases	Purchase of buses. 5339 Grant.	\$1,808,619
TA-5145	GoDurham Bus Refurbishment	Purchase of replacement buses and replacement paratransit vehicles. 5309 Grant.	\$424,000
TA-5146	GoDurham Bus Repower	Bus repower - 3. 5309 Grant.	\$177,000
TA-5147	GoDurham Bus Refurbishment	Bus refurbishment - 3. 5309 Grant.	\$51,000
TA-5148	GoTriangle Vanpool Vans	Vanpool vans - replacement (8). 5309 Grant.	\$224,000
TA-5154	GoTriangle Replacement Paratransit Vehicles	Replacement paratransit vehicles. STP-DA Grant.	\$269,000

Non-Highway Projects			
TIP #	Project Name	Description	Total Cost
TA-5193	GoTriangle Replacement Vehicle	For the purchase of one replacement vehicle.	\$918,000
TA-5195	GoTriangle Replacement Vehicle	For the purchase of one replacement vehicle.	\$475,000
TA-6246	Capital - Durham County ACCESS	Capital expenses. 5311 Grant.	\$200,000
TA-6526	Capital	Capital - Orange County Department of Aging. 5310 Grant.	\$5,000
TD-4710 B	CHT Facility - Park & Ride	Facility - Park & Ride. 5307 Grant.	\$878,000
TD-5155	Orange Public Transit	1 replacement LTV (25') and radio, vehicle lettering and logos, and on-board camera. STP-DA Grant.	\$77,000
TD-5260	Hillsborough Park and Ride	Hillsborough Park and Ride - professional services and property acquisition.	\$236,660
TD-5267	GoTriangle Maintenance Facility Renovation	Maintenance facility renovation. 5309 Grant.	\$94,000
TD-5269	CHT Renovate Bus-Related Facilities	Renovate bus-related facilities. Section 5339/FBUS grant.	\$50,000
TD-5271	CHT Renovate Bus Related Facilities	Renovate Bus Related Facilities. 5309 GRANT.	\$50,000
TD-5273	GoTriangle Rougemont Park and Ride	Triangle Transit. Rougemont Park-and-Ride. Professional services and property acquisition. STP-DA Grant.	\$249,000
TE-5205 A	Durham-Orange Light Rail Transit	Construct a light rail transit system from UNC Hospitals in Chapel Hill to NC 55 (Alston Avenue) in Durham. Total project cost is \$1,532,646,000. Total project length is 17.1 miles. Break A for this project is from the UNC Hospitals in Chapel Hill, to the Durham County line. Break A is in Region D. Coordinate this project with projects I-5720A, U-5717, and U-5774.	\$23,250,000
TE-5205 B	Durham-Orange Light Rail Transit	Construct a light rail transit system from UNC Hospitals in Chapel Hill to NC 55 (Alston Avenue) in Durham. Total project cost is \$1,532,646,000. Total project length is 17.1 miles. Break B for the project is from the Orange County line to NC 55 (Alston Avenue) in Durham. Break B is in Region C. Coordinate this project with projects I-5720A, U-5717, and U-5774.	\$21,250,000
TempTIP-ID-01	GoTriangle Bus Replacement	For the purchase of five (5) replacement buses.	\$2,350,000
TempTIP-ID-02	GoTriangle Bus Replacement	For the purchase of three (3) replacement paratransit vehicles and related equipment.	\$282,900
TempTIP-ID-03	GoTriangle Mezzanine Project	Facility maintenance and operations center mezzanine project.	\$500,000
TempTIP-ID-04	GoTriangle Bus & Vanpool Replacement	For the purchase of one (1) replacement bus and five (5) vanpool vehicles	\$627,695
TG-4321 A	GoTriangle Routine Capital	Routine capital.	\$181,000
TG-4731 B	CHT Preventive Maintenance	Preventive Maintenance. 5307 Grant.	\$28,557,000
TG-4732 A	Routine Capital	Routine Capital - Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc. 5307 Grant.	\$3,920,000

Non-Highway Projects			
TIP #	Project Name	Description	Total Cost
TG-4732 B	Routine Capital - Service Vehicle	Routine Capital - Service Vehicle. 5307 Grant.	\$888,000
TG-4738	GoDurham Routine Capital	Routine Capital - bus stop shelters, benches, shop equipment, spare parts, engines, service vehicles, etc. 5307 Grant.	\$58,929,463
TG-4738 A	GoDurham Preventative Maintenance	Preventative Maintenance	\$51,860,000
TG-4821 B	GoTriangle Routine Capital	Routine Capital -Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc includes ADA, PM, and service vehicles	\$24,490,000
TG-4958	GoDurham Passenger Amenities	Bus stop shelters, benches, shop equipment, spare parts, engines, service vehicles, etc. 5307 GRANT.	\$379,000
TG-5227	CHT Routine Capital	Routine Capital - Purchase bus stop shelters, benches, shop equipment, spare parts, engines, farebox, support vehicles, replace/repair lifts. 5309 Grant.	\$329,000
TG-5247	CHT Routine Capital - Resurfacing	Routine Capital - Resurface Park & Ride Lots. 5307 Grant.	\$71,000
TG-5248	CHT Routine Capital - Resurfacing	Routine Capital - Resurface Park & Ride Lots. 5309 Grant.	\$100,000
TG-5249	CHT Routine Capital - Resurfacing	Routine Capital - Resurface Park & Ride Lots. 5307 Grant.	\$70,000
TG-5250	GoTriangle Shop Equipment	Shop Equipment	\$87,000
TG-5251	GoTriangle Routine Capital	Routine Capital. 5309 Grant.	\$277,000
TG-5255 B	Durham Neighborhood Transit Center	GoTriangle- establish Neighborhood Transit Centers in Durham. Reg B: Neighborhood Transit Center in South Durham in connection with Southpoint Park-and-Ride facility. Total project cost for Breaks B and E is \$1,320,000.	\$660,000
TG-5255 E	Durham Neighborhood Transit Center	GoTriangle- establish Neighborhood Transit Centers in Durham. Reg E Neighborhood Transit Center in Southwest Durham in connection with Patterson Place Park-and-Ride facility. Total project cost for Breaks B and E is \$1,320,000.	\$660,000
TK-6126	Administration - Durham County ACCESS	Administration. 5317 New Freedom.	\$1,083,000
TM-5132	CHT Operating Assistance	Operating Assistance. JARC 5316 GRANT	\$414,000
TM-5304	Capital - Travel Training	Capital - Travel Training. JARC 5316 GRANT	\$125,000
TM-5305	Operating- Night Service	Operating Assistance-Night Service. JARC 5316 GRANT	\$136,000
TM-5306	Operating Assistance - Continuation	Operating Assistance - Continuation of Service Hour Extension. JARC 5316.	\$144,000
TM-5307	Planning & Program Administration	City of Durham Planning & Program Administration of JARC projects (5316)	\$90,000
TM-5310	Expanded Service to Brier Creek	Expanded Service to Brier Creek - Rt.15. JARC 5316 Grant	\$462,000

Non-Highway Projects			
TIP #	Project Name	Description	Total Cost
TM-5311	GoTriangle Sunday Routes	Sunday Routes (400,700, & 800). JARC 5316 Grant	\$470,000
TN-5102	Operating Assistance - New Freedom	Operating Assistance -New Freedom 5317 grant - Urban	\$1,764,000
TN-5132	Capital-Membership in GoTriangle Regional Call Center	Capital-Membership in GoTriangle Regional Call Center. (New Freedom 5317 grant)	\$131,000
TN-5133	Capital - Travel Training (con't)	Capital - continuation of travel training. (New Freedom 5317 GRANT)	\$30,000
TN-5134	Planning & Program Administration	City of Durham Planning & Program Administration of New Freedom projects (5317)	\$14,000
TO-5130	GoDurham Operating Assistance	Operating Assistance - SMAP grant.	\$39,184,000
TO-5130 B	Operating Assistance - New Route	Operating Assistance - New Route. CMAQ funds flexed from original project #C-5180.	\$2,374,000
TO-5133	CHT Operating Assistance	Operating Assistance. SMAP Grant.	\$50,081,000
TO-5202	GoDurham Operating Assistance (5307)	5307 Operating Assistance	\$524,000
TO-5203	GoDurham Paratransit Operating (Capital)	Paratransit Operating (Capital). 5307 Grant.	\$499,000
TP-4732 A	GoTriangle Planning Assistance	Planning Assistance 5307	\$8,429,000
TP-5108	GoDurham Planning Assistance (5303)	Planning Assistance - 5303	\$1,960,000
TP-5109	GoDurham Planning Assistance - 5307	Planning Assistance - 5307	\$6,262,000
TQ-3000	GoDurham Reservation, Scheduling, SY &	Reservation, Scheduling, SY & Mobility Services. 5310 Grant.	\$136,000
TQ-3001	OnBoard Durham County ACCESS	Purchase of demand response service. 5310 Grant.	\$125,000
TQ-3002	Orange County Department of Aging	Senior transportation expansion, assessment and mobility manager (STEAMM) including purchase of service. 5310 Grant.	\$163,000
TQ-5104	CHT EZ Rider Senior Shuttle	EZ Rider Senior Shuttle. 5310 Grant.	\$216,000
TQ-6158	Operating Assistance - Purchase of Service	Operating assistance - purchase of service. 5310 Grant.	\$463,000
TQ-6165	Orange County Department on Aging	Mobility Management. 5310 Grant.	\$150,000
TQ-7002 HF	Administration of Section 5310	Administration of Section 5310 program. 5310 Grant.	\$28,000
TQ-9032	GoTriangle Capital - Purchase of Service	Capital - Purchase of Service	\$40,000

Non-Highway Projects			
TIP #	Project Name	Description	Total Cost
TS-5106	CHT Safety & Security - 1% Set Aside	Safety & Security - 1% Set Aside. 5307 Grant.	\$506,000
TS-5108	GoDurham Safety & Security - 1% Set Aside	Safety & Security - 1% Set Aside. 5307 Grant.	\$575,000
TS-5119	GoTriangle Safety & Security - 1% Set Aside	Safety & Security - 1% Set Aside . 5307 Grant.	\$404,000
TT-6107	Purchase Mobile Data Terminals	Purchase Mobile Data Terminals	\$80,000
U-4724	SR 1158 (Cornwallis Road)	Construct bike and pedestrian features along West Cornwallis Road (SR1158) from South Roxboro Street (SR 2295) to Chapel Hill Road (SR 1127) in Durham. Planning, design, right of way, and construction are in progress by the City of Durham.	\$5,432,000
U-4726	DCHC MPO Bike/Ped TAP-Eligible Projects	Durham-Chapel Hill-Carrboro (DCHC) MPO. Bicycle, pedestrian, and Transportation Alternatives Program (TAP)-eligible projects.construct bike and pedestrian features. Planning, design, right of way, and construction by jurisdictions or agencies in the DCHC MPO area. STP-DA and TAP-DA funding reflects unprogrammed balances, programming subject to MPO approval.	\$19,244,145
U-4726	US 70 Pedestrian Improvements	Pedestrian improvements on US 70 from Lakeshore to Orange High School. On North Churton Street from Corbin to US 70. On South Churton Street from Nash/Kollock Street to Orange Grove.	\$0
U-4726	Downtown Multi Use Path - Carrboro	Construct a multi use path connecting Greensboro and Lloyd Streets, including a railroad crossing.	\$215,254
U-4726 DE	Bolin Creek Greenway (Phase Ib)	Construct a greenway trail from Homestead Road to Chapel Hill High School. This is an extension of the existing Bolin Creek Greenway trail.	\$1,299,465
U-4726 1x	Friday Center Drive	Bicycle lanes on Friday Center Drive from NC 54 to UNC Park & Ride lot.	\$565,000
U-4726 DD	Rogers Road Sidewalks	Sidewalks along Rogers Road from Homestead to Meadow Run in the Town of Carrboro.	\$664,024
U-4726 DF	Bicycle Detector Loops	Bicycle detector loops at selected intersections in Carrboro.	\$56,025
U-4726 Dx	S. Greensboro Street Sidewalks	From the north end of Old Pittsboro Road to the Public Works Driveway. Construct sidewalk on the west side of the street.	\$546,550
U-4726 HJ	NC 751 and NC 54 Sidewalks	Construction of sidewalks on NC 751 between Garrett Rd and NC 54, and on NC 54 between NC 751 and Dresden Drive. This project was previously part of ER-2971, the NCDOT's Sidewalk Program in all fourteen highway divisions.	\$283,558
U-4726 HL	Barbee Road Sidewalks	Sidewalk on Barbee Road from Orindo to Pearsontown Elementary School. Constructing a sidewalk to connect the DATA Administrative offices with Geer Street.	\$0
U-4726 HM	Avondale Drive (Bike/Ped)	Construct bicycle and pedestrian facilities along Avondale Drive.	\$404,883
U-4726 HN	Hillandale Road (Bike/Ped)	Construct sidewalks and bicycle facilities along Hillandale Road from I-85 to NC 147.	\$3,107,940

Non-Highway Projects			
TIP #	Project Name	Description	Total Cost
U-4726 HO	Carpenter-Fletcher Road (Bike/Ped)	Construct sidewalks and bicycle facilities along Carpenter-Fletcher Road from Woodcroft Parkway to Alston Avenue.	\$4,688,983
U-4726 IJ	Tanyard Branch Greenway	Preliminary engineering and design for the future extension of the existing Tanyard Branch greenway trail. The future extension will be constructed from the existing trail to Umstead Park in Chapel Hill.	\$125,000
U-5023	DCHC MPO STP-DA Reserve Funds	DCHC MPO STP-DA Funds - Reserved for future programming.	\$7,095,490
U-5119 A	Phase 2 Alternatives Analysis	<p>Chapel Hill Transit Bus Rapid Transit, Phase II Alternatives Analysis, including environmental assessment, design, and engineering.</p> <p>More specific phase-related details:</p> <p>In 2016 submission of a Small Starts Project Development Application to the FTA at the cost of \$20,000.</p> <p>In 2016 starting and completing an Environmental Assessment under Federal NEPA rules with the outcome of a signed Findings of No Significant Impact (FONSI) by the FTA at the cost of \$550,000 to \$700,000 depending on the level of transportation analysis and Cultural Resource Analysis.</p> <p>In 2016 and until the project is constructed (assume 2020) annual required planning and FTA submittals including the update of Small Starts documentation and required documents including (but not limited to) Project Management Plan, Public Involvement Plan, BRT Comprehensive Operations Analysis, BRT Fleet Management Plan, Basis of Design, and Work Breakdown Structure at the cost of \$100,000 to \$200,000 annually.</p> <p>In 2017 and 2018 initiation and completion of engineering (preliminary and final) at the cost of \$1.5 million to \$2.5 million depending on the LPA cross-section.</p>	\$4,220,000

Highway Projects			
TIP #	Project Name	Description	Total Cost
B-4943	SR 1616 (Bahama Road) (Bridge)	Replace Bridge #20 over Dial Creek (Lake Michie). Planning and design for this project are in progress.	\$1,291,000
B-4962	US 70 Bypass (Bridge)	Replace bridge No. 46 over Eno River. Planning and design for this project are in progress.	\$6,800,000
B-5348	Sr 1005 (Old Greensboro Rd) (Bridge)	Replace bridge No. 85 over Phil's Creek. Planning and design for this project are in progress.	\$1,145,000
B-5512	SR 1902 (Kemp Road) (Bridge)	Replace bridge No. 89 over Lick Creek. Planning and design for this project are in progress.	\$1,250,000
B-5674	US 15/501 Northbound (Bridge)	Replace bridge No. 88 over SR 1308 (Cornwallis Rd) in Durham.	\$2,319,000
B-5720	SR 1336 (Halls Mill Road) (Bridge)	Replace bridge No. 11 over Eno River.	\$1,265,000
B-5733	SR 1010 (E Franklin St) (Bridge)	Replace bridge No. 30 over Booker Creek in Chapel Hill.	\$1,955,000
E-5501	Freedom Road Signage	Freedom Roads. Install interactive wayside signage for designated sites. This project is under construction.	\$272,000
E-5502	Bennett Memorial Road	Bennett Place Historic Site in Durham. Renovation of visitor center to include new exhibits and climate control system, and renovation of gift shop. This project is under construction by the NC Department of Cultural Resources.	\$91,000
EE-4905	Ecosystem Enhancement Program	Ecosystem Enhancement Program for Division 5 Project Mitigation. This project is in progress.	\$15,563,000
EE-4907	Ecosystem Enhancement Program	Ecosystem Enhancement Program for Division 7 Project Mitigation. This project is in progress.	\$17,824,000
EE-4908	Ecosystem Enhancement Program	Ecosystem Enhancement Program for Division 8 Project Mitigation. This project is in progress.	\$25,842,000
FS-1205 A	I-40 Feasibility Study	The I-40 Feasibility Study will evaluate I-40 from NC 86 in Orange County, to SR 1728 (Wade Ave) in Wake County. The study will consider the construction of managed lanes. The feasibility study is in progress.	\$0
FS-1205 C	NC 147 (Durham Freeway) Feasibility Study	The NC 147 Feasibility Study will evaluate NC 147 from I-40 to the future East End Connector. The study will consider widening NC 147 to six lanes and include the rehabilitation of pavement. The feasibility study is in progress.	\$0
FS-1305 A	I-540 / NC 540 Feasibility Study	The I-540 / NC 540 Feasibility Study will evaluate I-540/NC 540 from NC 54 to US 64/ 264. The study will consider the construction of managed lanes. The feasibility study is in progress.	\$0
I-3306 A	I-40	Full project details for I-3306 is widening of I-40 and installation of ITS from I-85 in Orange County to NC 147/Durham Freeway in Durham County. The project includes two breaks, Break A and Break B. Break A for this project are the improvements along I-40 from I-85 to the Durham County line. Break A length is 11.42 miles. ***Improvements to I-40 & NC 86 interchange.*** Break B is the section of I-40 from Orange County line to NC 147 in Durham County and has been completed.	\$175,131,000
I-5307	I-540	Pavement rehabilitation and shoulder seals along I-540 from I-40 in Durham County to NC 50 in Wake County. From SR 1789 (Pleasant Grove Church Road) to US 70, apply friction course. This project is under construction. Let with I-5310, project costs include costs for I-5310.	\$10,442,000
I-5307 B	I-540 Bridge over I-40	I-540 Bridge (#910342) over I-40 in Durham. Replace bridge joints.	\$300,000
I-5702 A	I-40 Managed Lanes	The full project details are to construct managed lanes along I-40 from US 15/501 in Durham County to I-440/US 64 in Wake County, a total of 31 miles. Total project cost for entire project is \$1,776,158,000. Break A is the segment of the project from US 15/501 to NC 147. Break A length is 8.55 miles. . Coordinate this project with FS-1005A and FS-1205A.	\$526,780,000
I-5702 B	I-40 Managed Lanes	The full project details are to construct managed lanes along I-40 from US 15/501 in Durham County to I-440/US 64 in Wake County, a total of 31 miles. Total project cost for entire project is \$1,776,158,000. Break B for the project is I-40 from NC 147 to SR 1728 (Wade Ave). Coordinate this project with FS-1005A and FS-1205A.	\$733,800,000
I-5702 C	I-40 Managed Lanes	The full project details are to construct managed lanes along I-40 from US 15/501 in Durham County to I-440/US 64 in Wake County, a total of 31 miles. Total project cost for entire project is \$1,776,158,000. Break C of the project is I-40 from SR 1728 (Wade Avenue) to I-440/US 64 (Exit 301). This project was deleted at request of CAMPO.	\$0
I-5707	I-40 Auxiliary Lane	Construct westbound auxiliary lane along I-40 from NC 55 to NC 147. Planning and design for this project are in progress. Coordinate with I-5702 A.	\$15,970,000
I-5729	I-85	Pavement rehabilitation along I-85 from 0.5 miles west of US 501 to 0.1 miles east of SR 1827 (Midland Terrace Rd) in Durham. (Engineering cost included in construction phase cost in 2016.)	\$8,319,000
I-5822	I-40	Pavement rehabilitation along I-40 from 1.6 miles east of NC 86 to 0.8 miles east of SR 1734 Erwin Road. Coordinate with I-3306A.	\$1,792,000
P-5706	East Durham Siding Norfolk Southern H Line	Norfolk Southern H Line, East Durham Siding. Construct extension to include combination of grade separations and closures at Ellis Road south end crossing (734737A), Glover Road crossing (734736T) in Durham. This is a new project being programmed in the TIP as a result of House Bill 97.	\$42,635,000
P-5710	Grade Separations at Blackwell St & Mangum St	Norfolk Southern H Line, construct grade separations at Blackwell Street crossing (735229N) and US 15/501 Business/Mangum Street crossing (35231P) in Durham.	\$140,000,000
R-4073	SW Rural Projects: Asphalt Materials Testing	Asphalt materials testing laboratories corrective action plan for groundwater clean up at 54 sites. This project is in progress.	\$17,399,000
U-0071	New Route (East End Connector)	East End Connector, from NC 147 (Durham Freeway) to north of NC 98 in Durham. Four-lane divided freeway with auxiliary lanes, part on new location.	\$206,465,000

Highway Projects			
TIP #	Project Name	Description	Total Cost
U-0624	NC 86 (South Columbia Street)	From Purefoy Road to SR 1902 (Manning Drive) in Chapel Hill. Upgrade the corridor to include bicycle lanes. This project is under construction.	\$9,357,000
U-2803	SR 1919 (Smith Level Rd)	Rock Haven Road to bridge No. 88 in Carrboro. Widen to add bicycle lanes, sidewalks, and turn lanes with a center median. This project is under construction.	\$9,061,000
U-3306	SR 1733 (Weaver Dairy Rd)	From NC 86 (Martin Luther King Jr. Blvd.) to SR 1734 (Erwin Rd) in Chapel Hill. Corridor upgrade, part on new location. This project is under construction.	\$19,377,000
U-3308	NC 55 (Alston Ave)	From NC 147 (Durham Freeway) to US 70 Business/ NC 98 (Holloway St) in Durham. Widen from four-lane divided facility from NC 147 to Main Street and replace Norfolk Southern railroad bridges. Modernize from Main Street to US 70 Business/ NC 98 (Holloway St) including addition of on-street parking, bicycle lanes, turn lanes, median, and access management. Right of way for this project is in progress.	\$41,770,000
U-5304 A	US 15/501 (Fordham Boulevard)	Full U-5304 project is NC 86 (S Columbia St) to Eastowne Drive/Lakeview Drive in Chapel Hill. Upgrade corridor. Total project length is 6.0 miles. Total project cost for the entire project is \$100,717,000. Break A for the project is from NC 86 (S Columbia St) to SE 1742 (Ephesus Church Rd) in Chapel Hill. Capacity improvements and possible interchange at SR 1902 (Manning Dr) with sidewalks, wide outside lanes and transit accommodations. The feasibility for this project is in progress. Coordinate this project with TE-5205.	\$95,330,000
U-5304 B	US 15/501 (Fordham Boulevard)	Full U-5304 project is NC 86 (S Columbia St) to Eastowne Drive/Lakeview Drive in Chapel Hill. Upgrade corridor. Total project length is 6.0 miles. Total project cost for the entire project is \$100,717,000. Break B for the project is from Sage Road to East Lakeview Drive in Chapel Hill. Upgrade roadway to superstreet. ***Superstreet conversion should accommodate safe bicycle and pedestrian improvements, particularly at gateway light rail station area.*** Project length for Break B is 0.65 miles. The feasibility for this project is in progress. Coordinate this project with TE-5205.	\$2,052,000
U-5304 C	US 15/501 (Fordham Boulevard)	Full U-5304 project is NC 86 (S Columbia St) to Eastowne Drive/Lakeview Drive in Chapel Hill. Upgrade corridor. Total project length is 6.0 miles. Total project cost for the entire project is \$100,717,000. Break C for this project is the SR 1742 (Ephesus Church Rd) intersection improvements. No schedule or funding are shown because work for Break C will be completed under project #U-5550. The feasibility for this project is in progress. Coordinate this project with TE-5205.	\$0
U-5304 D	US 15/501 (Fordham Boulevard)	Full U-5304 project is NC 86 (S Columbia St) to Eastowne Drive/Lakeview Drive in Chapel Hill. Upgrade corridor. Total project length is 6.0 miles. Total project cost for the entire project is \$100,717,000. Break D for the project is the NC 54 (Raleigh Rd) interchange improvements. The feasibility for this project is in progress. Coordinate this project with TE-5205.	\$1,160,000
U-5304 E	US 15/501 (Fordham Boulevard)	Full U-5304 project is NC 86 (S Columbia St) to Eastowne Drive/Lakeview Drive in Chapel Hill. Upgrade corridor. Total project length is 6.0 miles. Total project cost for the entire project is \$100,717,000. Break E for the project is the NC 54/ NC 86 interchange. Add lane on US 15/501 northbound ramp onto eastbound NC 54. ***Add loop ramp from westbound NC 54 to southbound US 15/501.*** The feasibility for this project is in progress. Coordinate this project with TE-5205.	\$2,175,000
U-5516	US 501 (Roxboro Rd)	SR 1448 Latta Road / SR 1639 Infinity Road intersection in Durham. Intersection Improvements. Planning and design for this project are in progress. ROW acquisition is funded by the City of Durham.	\$4,210,000
U-5543	Variable Message Signs in Chapel Hill	Variable message signs for traffic management on major corridors in Chapel Hill. Planning, design, right of way, and construction are in progress by the Town of Chapel Hill.	\$617,750
U-5549	Churton Street (Downtown Access Imp)	Downtown Access Improvements along Churton Street in Hillsborough. Construct curb relocations traffic signal and curb ramp ADA-revisions on east side of NC 86 (Churton Street) at SR 1150/SR 1002 (King Street), and NC 86 (Churton Street) at Margaret Lane; grading, curb and gutter, crosswalks and signal modifications on the west side of NC 86/US 70 Business (Churton Street) from Tryon Street to just south of Margaret Lane; grading, curb and gutter crosswalk and bus pull-out on NC 86/US 70 Street to just south of Nash and Kollock Street in Hillsborough. Remove on-street parking. Planning, design, right of way, and construction by the Town of Hillsborough.	\$156,000
U-5550	US 15/501 (Fordham Boulevard)	Intersection Improvements at US 15/501 and SR 1742 Ephesus Church Road in Chapel Hill. Planning, design, ROW, and construction by the Town of Chapel Hill. FY 2018 programming reflects the reimbursement to the Town.	\$2,170,000
U-5717	US 15/501 (and Garrett Road)	SR 1116 Garrett Road in Durham. Convert the existing at-grade intersection to an interchange. Coordinate this project with TE-5205.	\$23,870,000

Highway Projects			
TIP #	Project Name	Description	Total Cost
U-5720 A	US 70 (Miami Boulevard)	Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/ SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break A of this project is US 70 (Miami Blvd) from Lynn Road to SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd). Project costs for only Break A are shown in the table below. Planning and design for this project are in progress.	\$111,020,000
U-5720 B	US 70 (Miami Boulevard)	Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/ SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break B of this project is US 70 (Miami Blvd) from SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd) Intersection. Convert at-grade intersection to interchange. Break B are shown in the table below. Planning and design for this project are in progress.	\$25,104,000
U-5720 C	US 70 (Miami Boulevard)	Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/ SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break C of this project is US 70 from SR 1959 (South Miami Blvd) / SR 1811 (Sherron Rd) to SR 1906 (Leesville Rd). Break C for this project is not currently funded, no schedule or funding is shown. Planning and design for this project are in progress.	\$0
U-5720 D	US 70 (Miami Boulevard)	Full U-5720 project information is Lynn Road in Durham to west of Alexander Drive in Raleigh. Upgrade to controlled-access facility and convert at-grade intersection with SR 1811/ SR 1959 to interchange. Total project length is 1.6 miles. Total project cost for the entire project is \$136,124,000. Break D of this project is US 70 from Leesville Rd in Durham County to west of Alexander Drive in Wake County. Break D for this project is not currently funded, no schedule or funding is shown. Planning and design for this project are in progress.	\$0
U-5745	NC 751 (Hope Valley Road)	SR 1183 (University Dr) intersection in Durham. Construct a roundabout. Planning and design for this project are in progress. Coordinate with EB-5514.	\$1,107,000
U-5774 A	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. Total project cost for the entire project is \$228,859,000. Break A for this project is NC 54 and US 15/501, upgrade interchange. Project costs for Break A are shown. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)	\$23,700,000
U-5774 B	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. Total project cost for the entire project is \$228,859,000. Break B for this project is improvements to NC 54 from US 15/501 in Orange County to SR 1110 (Barbee Chapel Rd) in Durham County, upgrade the roadway corridor and convert at-grade intersection with SR 1110 (Barbee Chapel Rd) to interchange. Project length for Break B is 0.20 miles. ***Consultation with Town of Chapel Hill regarding NC 54 and Barbee Chapel Road intersection improvements will occur during planning and design.*** Project costs for Break B are shown. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)	\$32,106,000
U-5774 C	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000. Break C for this project is NC 54 from SR 1110 (Barbee Chapel Rd) to I-40, upgrade the roadway corridor. Project costs for Break C are shown. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)	\$9,100,000
U-5774 D	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000. Break D of the project is NC 54 and Falconbridge Road, convert at-grade intersection to interchange. Project costs for Break D are shown in the table below. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)	\$13,400,000

Highway Projects			
TIP #	Project Name	Description	Total Cost
U-5774 E	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000. Break E of the project is NC 54 and SR1110 (Farrington Rd) convert at-grade intersection to grade-separated. Project costs for Break E are shown. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)	\$2,325,000
U-5774 F	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000. Break F of the project is the I-40/NC 54 interchange improvements. ***Cost estimates for improvements to interchange may change during planning and design.*** Project costs for Break F are shown. Planning and design for this project are in progress. Breaks A through F are on expanded NHS. Coordinate this project with TE-5205. (Previous TIP # U-5324.)	\$1,428,000
U-5774 G	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000. Break G of the project is NC 54 from I-40 to NC 751, upgrade the roadway corridor. Project costs for Break G are shown in the table below. Planning and design for this project are in progress. Coordinate this project with TE-5205. (Previous TIP # U-5324.)	\$32,000,000
U-5774 H	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000. Break H of the project is NC 54 from NC 751 to SR 1118 (Fayetteville Rd), upgrade the roadway corridor. Project costs for Break H are shown. Planning and design for this project are in progress. Coordinate this project with TE-5205. (Previous TIP # U-5324C.)	\$21,600,000
U-5774 I	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000. Break I of the project is NC 54 from SR 1118 (Fayetteville Rd) to SR 1106 (Barbee Rd), upgrade the roadway corridor. Project costs for Break I are shown. Planning and design for this project are in progress. Coordinate this project with TE-5205. (Previous TIP # U-5324.)	\$46,800,000
U-5774 J	NC 54	The full project #U-5774 is NC 54 from US 15/501 in Chapel Hill to NC 55 in Durham, upgrade roadway corridor. Total project length for all sections is 9.2 miles. The total project cost for the entire project is \$228,859,000. Break J of the project is NC 54 from SR 1106 (Barbee Rd) to NC 55, upgrade roadway corridor. Project costs for Break J are shown. Planning and design for this project are in progress. Coordinate this project with TE-5205. (Previous TIP # U-5324.)	\$46,400,000
U-5823	Woodcroft Parkway Extension	SR 1116 (Garrett Rd) to NC 751 (Hope Valley Rd) in Durham. Construct roadway on new alignment. Planning, design, right of way, and construction by the City of Durham. Non-state system facility, local match by City of Durham.	\$2,219,000
U-5845	SR 1009 (S Churton Street)	Improvements along S. Churton Street (SR 1009)/Old NC 86, from I-40 to Eno River in Hillsborough, Orange County. Widen to multi-lanes. Planning and design for this project are in progress. Coordinate this project with U-5848.	\$28,740,000
U-5846	SR 1772 (Greensboro Street)	SR 1780 (Estes Drive) in Carrboro, construct a roundabout. Planning and design for this project are in progress.	\$1,025,000
U-5847	SR 1010 (W Franklin St / E Main St)	SR 1771/ SR 1927 (Merritt Mill Rd) / Brewer Lane intersection in Chapel Hill and Carrboro. Intersection improvements. Planning and design for this project are in progress.	\$1,025,000
U-5848	SR 1006 (Orange Grove Road)	Existing SR 1006 (Orange Grove Road) to US 70 Business in Hillsborough. Extend Orange Grove Road on new location with sidewalks and bicycle lanes. Planning and design for this project are in progress. Coordinate this project with P-5701 and U-5845.	\$5,799,000
U-5854	SR 1008 (Mt. Carmel Church Rd)	SR 1913 (Bennett Rd) in Chapel Hill. Construct roundabout and related safety improvements. Planning and design for this project are in progress.	\$1,025,000
W-5205	Highway Safety Projects	Division 5 rumble strips, guardrail, safety, and lighting improvements at selected locations. This project is in progress.	\$5,000,000
W-5207	Highway Safety Projects	Division 7 rumble strips, guardrail, safety, and lighting improvements at selected locations. This project is in progress.	\$4,845,000
W-5601	Highway Safety Projects	Rumble strips, guardrail, safety, and lighting improvements at selected locations. This project is in progress.	\$105,078,000