

# FY2016-2025 TIP

## DIVISION 5 PROJECTS

HIGHWAY					
(MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
E-5501	Freedom Road Signage	Freedom Roads. Install interactive wayside signage for designated sites.	2015	\$224,000	5-H-1
EB-4707	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). Project #EB-4707 is the just the PE/design for the project. 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.	2014	\$912,000	5-H-2
EB-4707 A	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). A: From US 15/501 in Orange County to SR 1113 (Pope Rd) in Durham County. 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.	2015	\$3,575,266	5-H-3
EB-4707 B	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). B: From SR 1113 (Pope Rd) to SR 1116 (Garrett Rd) in Durham County. 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.	2015	\$7,636,456	5-H-4
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.	not listed	\$0	5-H-5
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.	not listed	\$0	5-H-6
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.	not listed	\$0	5-H-7
I-3306	I-40	From I-85 in Orange County, to NC 147 in Durham County. Widen to six lanes and install ITS.	2023	\$175,164,000	5-H-8
I-5307	I-540	From I-40 in Durham County to NC 50 in Wake County. Pavement rehabilitation and shoulder seals.	Prior Year	\$10,442,000	5-H-9
I-5702 A	I-40 Managed Lanes	I-5702 A: Project extents for A" are from US 15/501 to NC 147. The full extents of the project are from US 15/501 in Durham County to I-440/US 64 in Wake County. Construct Managed Lanes. Programmed for planning and environmental studies in 2016 to expedite delivery of high priority project for the DCHC MPO area."	2024	\$526,780,000	5-H-10

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I-5702 B	I-40 Managed Lanes	I-5702 B: Project extents of B" are from NC 147 to SR 1728 (Wade Ave). The full extents of the project are from US 15/501 in Durham County to I-440/US 64 in Wake County. Construct Managed Lanes. Programmed for planning and environmental studies in 2016 to expedite delivery of high priority project for the DCHC MPO area."	2024	\$733,800,000	5-H-11
I-5702 C	I-40 Managed Lanes	I-5702 C: The project extents for C" are from SR 1728 (Wade Ave) to I-440 / US 64. The full extents of the project are from US 15/501 in Durham County to I-440/US 64 in Wake County. Construct Managed Lanes. Programmed for planning and environmental studies in 2016 to expedite delivery of high priority project for the DCHC MPO area."	2024	\$515,578,000	5-H-12
I-5707	I-40 Auxiliary Lane	Programmed for planning and environmental studies only to expedite delivery of new STI statewide project. From NC 55 (Alston Ave) to NC 147. Construct westbound auxiliary lane. Coordinate with I-5702 A.	2020	\$15,969,000	5-H-13
I-5729	I-85 (Pavement Rehab)	From 0.5 miles west of US 501 to 0.1 miles east of SR 1827 (Midland Terrace Rd) in Durham. Pavement rehabilitation.	2016	\$5,074,000	5-H-14
U-0071	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.	2015	\$206,465,000	5-H-15
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.	2015	\$38,798,000	5-H-16
U-4763	Triangle Parkway (New Route)	New Route - Triangle Parkway / Triangle Expressway, from McCrimmon Parkway to I-40 in Research Triangle Park and Morrisville. Multi-lane facility on new location.	Prior Year	\$177,163,000	5-H-17
U-5516	US 501 (Roxboro Rd)	SR 1448 Latta Road / SR 1639 Infinity Road intersection in Durham. Intersection Improvements and add lanes through intersection. Programmed for planning and environmental studies to expedite delivery of high priority project for the DCHC MPO area	2017	\$4,210,000	5-H-18
U-5717	US 15/501 (and Garrett Road)	SR 1116 Garrett Road in Durham. Convert at-grade intersection to interchange. Programmed for planning and environmental studies to expedite delivery of new STI statewide project.	2016	\$23,870,000	5-H-19

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U-5720 A	US 70 (Miami Boulevard)	A: Lynn Road to SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd). 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. Programmed for planning and environmental studies to expedite delivery of high priority project for the DCHC MPO area.	2016	\$109,020,000	5-H-20
U-5720 B	US 70 (Miami Boulevard)	B: SR 1959 (S Miami Blvd) / SR 1811 (Sherron Rd) Intersection. Convert at-grade intersection to interchange. 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. Programmed for planning and environmental studies to expedite delivery of high priority project for the DCHC MPO area.	2016	\$25,104,000	5-H-21
U-5720 C	US 70 (Miami Boulevard)	From SR 1959 (South Miami Blvd) / SR 1811 (Sherron Rd) to SR 1906 (Leesville Rd).	not listed	\$0	5-H-22
U-5720 D	US 70 (Miami Boulevard)	From Leesville Rd in Durham County to west of Alexander Drive in Wake County.	not listed	\$0	5-H-23
U-5745	NC 751 (Hope Valley Road)	SR 1183 (University Dr) intersection in Durham. Construct a roundabout. Programmed for planning and environmental studies to expedite delivery of high priority project for the DCHC MPO area.	2016	\$1,005,000	5-H-24
U-5774 A	NC 54	A: US 15/501, upgrade interchange. 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.	Future Unfunded	\$23,699,999	5-H-25
U-5774 B	NC 54	B: 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. Programmed for planning and environmental studies to expedite delivery of high priority project for the DCHC MPO area. 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.	2016	\$19,986,000	5-H-26
U-5774 C	NC 54	C: from SR 1110 (Barbee Chapel Rd) to I-40, upgrade the roadway corridor. 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.	2016	\$9,100,000	5-H-27
U-5774 D	NC 54	D: Falcon Bridge Road, convert at-grade intersection to interchange. 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.	Future Unfunded	\$13,400,000	5-H-28

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TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
U-5774 E	NC 54	E: SR1110 (Farrington Rd) convert at-grade intersection to grade-separated. 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.	2016	\$2,325,000	5-H-29
U-5774 F	NC 54	F: I-40/NC 54 interchange improvements. 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.	2016	\$1,160,000	5-H-30
U-5774 G	NC 54	G: from I-40 to NC 751, upgrade the roadway corridor. 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.	Future Unfunded	\$32,000,000	5-H-31
U-5774 H	NC 54	H: from NC 751 to SR 1118 (Fayetteville Rd), upgrade the roadway corridor. 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.	2016	\$21,600,000	5-H-32
U-5774 I	NC 54	I: From SR 1118 (Fayetteville Rd) to SR 1106 (Barbee Rd), upgrade the roadway corridor. 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.	Future Unfunded	\$46,800,000	5-H-33
U-5774 J	NC 54	J: From SR 1106 (Barbee Rd) to NC 55, upgrade roadway corridor. 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.	Future Unfunded	\$46,400,000	5-H-34
U-5823	Woodcroft Parkway Extension	SR 1116 (Garrett Rd) to NC 751 (Hope Valley Rd) in Durham. Construct roadway on new alignment.	2020	\$2,219,000	5-H-35
W-5205	Hazard Elimination Projects	Division 5 rumble strips, guardrail, safety, and lighting improvements at selected locations.	2015	\$4,660,000	5-H-36

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TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
C-4928	SR 1317 (Morreene Road)	Construct bike lanes and sidewalks along Morreene Road in Durham, from Neal Road to SR 1320 (Erwin Road).	2016	\$6,317,000	5-BP-1
C-5178	Sidewalks in Durham (Campus Walk Ave and 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.	2015	\$336,250	5-BP-2
C-5183 B	Sidewalks in Durham	B: Carpenter Fletcher Rd to SR 1102 / SR 1977 (Sedwick Rd). Full C-5183 project information is construct sidewalks in Durham on NC 751 (Cameron Blvd), SR 1320 (Erwin Rd), Duke University Rd, and Carpenter Fletcher Rd to SR 1102 / SR 1977 (Sedwick Rd)	2015	\$1,253,750	5-BP-3
C-5572	West Ellerbe Creek Greenway Trail	West Ellerbe Creek Greenway Phase II: Westover Park to Stadium Drive in Durham. Construct multi-use path.	2016	\$1,352,000	5-BP-4
EB-4707	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). Project #EB-4707 is the just the PE/design for the project. 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.	2014	\$912,000	5-BP-5
EB-4707 A	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). A: From US 15/501 in Orange County to SR 1113 (Pope Rd) in Durham County. 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.	2015	\$3,575,266	5-BP-6
EB-4707 B	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). B: From SR 1113 (Pope Rd) to SR 1116 (Garrett Rd) in Durham County. 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.	2015	\$7,636,456	5-BP-7
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.	2015	\$1,025,000	5-BP-8
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.	2017	\$611,000	5-BP-9
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.	2017	\$300,000	5-BP-10
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.	2017	\$300,000	5-BP-11

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TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
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.	2017	\$1,324,000	5-BP-12
EB-5720	Bryant Bridge Trail	Construct a shared-use trail from NC 55 to the Kelly Bryant Bridge in Durham.	2019	\$1,235,000	5-BP-13
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.	Prior Year	\$7,497,000	5-BP-14
ER-2971 E	NCDOT Sidewalk Program	Sidewalks along NC 751/NC 54/Garrett Rd in Durham, part of NCDOT's Sidewalk Program in all fourteen highway divisions.	2015	\$276,000	5-BP-15
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.	2015	\$38,798,000	5-BP-16
U-4724	SR 1158 (Cornwallis Road)	From South Roxboro Road to Chapel Hill Road in Durham, construct bike and pedestrian features.	2016	\$5,432,000	5-BP-17
U-4726	DCHC MPO Bike/ Ped TAP-Eligible Projects	Durham-Chapel Hill-Carrboro (DCHC) MPO. Bicycle, pedestrian, and Transportation Alternatives Program (TAP)-eligible projects.	2015	\$20,310,500	5-BP-18
U-4726 HK	Hillandale Road (Bike/Ped)	Construct sidewalks and bicycle facilities along Hillandale Road from I-85 to NC 147.	2016	\$2,863,122	5-BP-19
U-4726 HL	Barbee Road Sidewalks	Sidewalk on Barbee Road from Orindo to Pearsontown Elementary School.	2015	\$19,600	5-BP-20
U-4726 HM	Avondale Road (Bike/Ped)	Construct bicycle and pedestrian facilities along Avondale Road.	2015	\$404,883	5-BP-21
U-4726 HO	Carpenter Fletcher Road (Bike/Ped)	Construct sidewalks and bicycle facilities along Carpenter Fletcher Road from Woodcroft Pkwy to Alston Ave.	2016	\$4,415,183	5-BP-22
U-5023	DCHC MPO STP-DA Reserve Funds	DCHC MPO DCHC MPO STP-DA Funds - Reserved for future programming	2016	\$43,951,000	5-BP-23
B-4943	SR 1616 (Bahama Road) (Bridge)	Replace Bridge #20 over Dial Creek (Lake Michie).	2016	\$1,317,000	5-B-1
B-5512	SR 1902 (Kemp Road) (Bridge)	Replace bridge No. 89 over Lick Creek.	2019	\$1,252,000	5-B-2
B-5674	US 15/501 Northbound (Bridge)	Replace bridge No. 88 over SR 1308 (Cornwallis Rd) in Durham.	2023	\$2,319,000	5-B-3



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TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
BD-5105	Division 5 P/O Contract (Bridges)	Division 5 Purchase Order Contract bridge replacement projects at selected locations.	2015	\$39,454,000	5-B-4
BS-5405	Division 5 State Funded Bridge Projects	Screen and evaluate potential state funded bridge projects in Division 5	2015	\$260,000	5-B-5
P-4405	Private Crossing Safety Initiative	Private Crossing Safety Initiative to close or enhance protection at railroad crossings between Raleigh and Charlotte.	2015	\$21,985,000	5-R-1
U-4716	Passenger Rail Project Piedmont Corridor	Passenger Rail Project Piedmont Corridor Various Routes and Norfolk Southern Railroad-North Carolina Railroad in Durham and Morrisville, south of I-40 to north of McCrimmon Parkway. Construct a grade separation at SR 1978 (Hopson Rd). Extend Church Street to Hopson Rd. Close Church Street crossing 734 748 m of the Norfolk Southern-North Carolina Railroad, construct a second track, and widen Hopson Road from east of SR 1999 (Davis Drive) to NC 54.	Future Unfunded	\$31,163,000	5-R-2
C-4924	DCHC MPO TDM Program	TJCOG - develop a flexible work schedule for employees and organizations in the Triangle Ozone Non-attainment Area for three years.	2015	\$5,466,000	5-O-1
C-5565 B	TJCOG TDM Program - Phase II	Phase II funding shown in LIVE STIP May 2015. Develop flexible work schedules in DCHC area.	2015	\$6,192,000	5-O-2
C-5605	CMAQ in DCHC MPO Area	Projects to improve Congestion and Air Quality in the DCHC MPO area.	2016	\$5,030,000	5-O-3
E-5502	Bennett Place Renovation	Bennett Place Historic Site in Durham. Renovation of visitor center to include new exhibits and climate control system, and renovation of gift shop.	2015	\$91,000	5-O-4
EE-4905	Ecosystem Enhancement Program	Ecosystem Enhancement Program for Division 5 Project Mitigation.	Prior Year	\$15,563,000	5-O-5
U-4727	DCHC MPO Planning Allocation and Work Program	DCHC MPO Planning Allocation and Work Program	2015	\$12,638,000	5-O-6
U-4727	UPWP: City of Durham/GoDurham	City of Durham and GoDurham Unified Planning Work Program	2016	\$983,370	5-O-7
U-4727	UPWP: MPO LPA	DCHC MPO Lead Planning Agency Unified Planning Work Program	2016	\$1,893,962	5-O-8

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U-4727	UPWP: Durham County	Durham County Unified Planning Work Program	2016	\$51,945	5-O-9
U-4727	UPWP: TJCOG	Triangle J Council of Governments Unified Planning Work Program	2016	\$68,750	5-O-10
U-4727	UPWP: GoTriangle	GoTriangle Unified Planning Work Program	2016	\$1,085,000	5-O-11

<b>TRANSIT</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
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TA-4818 B	GoTriangle Replacement Bus	Replacement bus	2015	\$6,491,000	5-T-1
TA-4923	GoDurham Replacement Bus	Battery replacement, bus refurbishment, and paratransit vehicles and bus purchases.	2015	\$4,023,000	5-T-2
TA-5019 A	Replacement Paratransit Vehicle	Purchase of paratransit vehicles, bus refurbishment, and bus shelters.	2015	\$685,000	5-T-3
TA-5123 B	GoTriangle Expansion Bus	Expansion bus	2015	\$19,546,000	5-T-4
TA-5135	GoTriangle Bus Rehabilitation	Bus rehabilitation	2015	\$277,000	5-T-5
TA-5144	GoDurham Bus Battery Replacement	Purchase of buses.	2016	\$800,000	5-T-6
TA-5145	GoDurham Bus Refurbishment	Purchase of buses and paratransit vehicles in 2015 and 2016.	2015	\$423,496	5-T-7
TA-5146	GoDurham Bus Repower	Bus repower - 3	2017	\$177,000	5-T-8
TA-5147	GoDurham Bus Refurbishment	Bus refurbishment - 3	2017	\$51,250	5-T-9
TA-5148	Vanpool Vans - Replacement	Vanpool vans - replacement (8)	2015	\$224,000	5-T-10
TA-5154	Replacement Paratransit Vehicles	Replacement paratransit vehicles	2015	\$269,000	5-T-11



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TA-6246	Capital	Capital expenses.	2015	\$200,000	5-T-12
TD-5267	GoTriangle Maintenance Facility Renovation	Maintenance facility renovation	2015	\$94,000	5-T-13
TD-5273	GoTriangle Rougemont Park and Ride	Triangle Transit. Rougemont Park-and-Ride. Professional services and property acquisition.	2016	\$249,000	5-T-14
TE-5205 B	Durham-Orange Light Rail Transit	Construct a light rail transit system. 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.	2016	\$1,147,304,000	5-T-15
TG-4738	GoDurham Routine Capital	Routine Capital - bus stop shelters, benches, shop equipment, spare parts, engines, service vehicles, etc.	2015	\$9,130,000	5-T-16
TG-4738 A	Preventative Maintenance	Preventative Maintenance	2015	\$51,860,000	5-T-17
TG-4821 B	Routine Capital	Routine Capital -Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc includes ADA, PM, and service vehicles	2015	\$24,490,000	5-T-18
TG-4958	Passenger Amenities	Bus stop shelters, benches, shop equipment, spare parts, engines, service vehicles, etc.	2015	\$379,000	5-T-19
TG-5250	Shop Equipment	Shop Equipment	2015	\$87,000	5-T-20
TG-5251	Routine Capital	Routine Capital	2015	\$277,000	5-T-21
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.	2016	\$660,000	5-T-22
TG-5255 E	Durham Neighborhood Transit Center	Triangle Transit- establish Neighborhood Transit Centers in Durham. Reg E Neighborhood Transit Center in Southwest Durham in connection with Patterson Place Park-and-Ride facility.	2016	\$660,000	5-T-23
TK-6126	Administration	Administration	2015	\$1,058,000	5-T-24
TM-5304	Capital - Travel Training	Capital - Travel Training	2015	\$125,000	5-T-25

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TM-5307	Planning & Program Administration	Planning & Program Administration of JARC projects (5316)	2015	\$90,000	5-T-26
TM-5310	Expanded Service to Brier Creek	Expanded Service to Brier Creek - Rt.15	2015	\$462,000	5-T-27
TM-5311	Sunday Routes (400,700, & 800)	Sunday Routes (400,700, & 800)	2015	\$470,000	5-T-28
TN-5102	Operating Assistance -New Freedom	Operating Assistance -New Freedom - Urban	2015	\$1,764,000	5-T-29
TN-5132	Capital-Membership in GoTriangle Regional Call Center	Capital-Membership in GoTriangle Regional Call Center	2015	\$131,000	5-T-30
TN-5133	Capital - Travel Training (con't)	Capital - continuation of travel training	2015	\$30,000	5-T-31
TN-5134	Planning & Program Administration	Planning & Program Administration of New Freedom projects (5317)	2015	\$14,000	5-T-32
TO-5130	Operating Assistance	Operating Assistance	2015	\$39,184,000	5-T-33
TO-5130 B	Operating Assistance - New Route	Operating Assistance - New Route. CMAQ funds flexed from original project #C-5180. The description for the original project was the replacement of five hybrid cutaways (light transit vehicles).	2015	\$2,374,000	5-T-34
TO-5202	5307 Operating Assistance	5307 Operating Assistance	2015	\$524,000	5-T-35
TO-5203	Paratransit Operating (Capital)	Paratransit Operating (Capital)	2015	\$499,000	5-T-36
TP-4732 A	Planning Assistance - 5307	Planning Assistance - 5307	2015	\$8,429,000	5-T-37
TP-5108	Planning Assistance - 5303	Planning Assistance - 5303	2015	\$1,960,000	5-T-38
TP-5109	Planning Assistance - 5307	Planning Assistance - 5307	2015	\$6,262,000	5-T-39
TQ-3000	Reservation, Scheduling, SY & Mobility Services	Reservation, Scheduling, SY & Mobility Services	2015	\$136,000	5-T-40

## FY2016-2025 TIP ~ DIVISION 5 PROJECTS

<b>TRANSIT</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
<b>TIP #</b>	<b>PROJECT NAME</b>	<b>DESCRIPTION</b>	<b>PROJECT EXPECTED START DATE</b>	<b>TOTAL ESTIMATED PROJECT COST</b>	<b>PAGE #</b>
TQ-3001	OnBoard Durham County ACCESS	Purchase of demand response service.	2015	\$125,000	5-T-41
TQ-6158	Operating Assistance - Purchase of Service	Operating assistance - purchase of service.	2015	\$463,000	5-T-42
TQ-7002 HF	Administration of Section 5310	Administration	2015	\$28,000	5-T-43
TS-5108	Safety & Security - 1% Set Aside	Safety & Security - 1% Set Aside	2015	\$575,000	5-T-44
TS-5119	Safety & Security - 1% Set Aside	Safety & Security - 1% Set Aside	2015	\$404,000	5-T-45

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# FY2016-2025 TIP

## DIVISION 7 PROJECTS

<b>HIGHWAY</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
<b>TIP #</b>	<b>PROJECT NAME</b>	<b>DESCRIPTION</b>	<b>PROJECT EXPECTED START DATE</b>	<b>TOTAL ESTIMATED PROJECT COST</b>	<b>PAGE #</b>
EB-4707	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). Project #EB-4707 is the just the PE/design for the project. 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.	2014	\$912,000	7-H-1
EB-4707 A	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). A: From US 15/501 in Orange County to SR 1113 (Pope Rd) in Durham County. 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.	2015	\$3,575,266	7-H-2
EB-4707 B	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). B: From SR 1113 (Pope Rd) to SR 1116 (Garrett Rd) in Durham County. 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.	2015	\$7,636,456	7-H-3
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.	not listed	\$0	7-H-4
I-3306	I-40	From I-85 in Orange County, to NC 147 in Durham County. Widen to six lanes and install ITS.	2023	\$175,164,000	7-H-5
I-5312	I-85	From east of I-40 in Orange County, to Durham County Line. Pavement Rehabilitation.	Prior Year	\$2,604,000	7-H-6
I-5822	I-40 (Pavement Rehab)	From 1.6 miles east of NC 86 to 0.8 miles east of SR 1734 Erwin Road. Pavement Rehabilitation.	2019	\$1,792,000	7-H-7
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. Project is under construction.	Prior Year	\$9,357,000	7-H-8
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. Under Construction.	Prior Year	\$9,061,000	7-H-9
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. Under Construction.	Prior Year	\$19,377,000	7-H-10

## FY2016-2025 TIP ~ DIVISION 7 PROJECTS

HIGHWAY					
(MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
U-5304	US 15/501 (Fordham Boulevard)	US 15/501 from NC 86 (South Columbia Street) to SR 1742 (Ephesus Church Road) in Chapel Hill. Sidewalks, wide outside lanes, and transit accommodations. Scheduled for feasibility study.	2019	\$5,150,000	7-H-11
U-5304 A	US 15/501 (Fordham Boulevard)	A: 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. 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 miles.	2024	\$95,331,000	7-H-12
U-5304 B	US 15/501 (Fordham Boulevard)	B: Sage Road to East Lakeview Drive in Chapel Hill. Upgrade roadway to superstreet. 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 miles.	2024	\$2,052,000	7-H-13
U-5304 C	US 15/501 (Fordham Boulevard)	C: SR 1742 (Ephesus Church Rd) intersection improvements. 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 miles. Work to be completed under U-5550.	not listed	\$0	7-H-14
U-5304 D	US 15/501 (Fordham Boulevard)	D: NC 54 (Raleigh Rd) interchange improvements. 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 miles.	2023	\$1,160,000	7-H-15
U-5304 E	US 15/501 (Fordham Boulevard)	E: NC 54/ NC 86 interchange. Add lane on US 15/501 northbound ramp onto eastbound NC 54. 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 miles.	2023	\$2,175,000	7-H-16
U-5543	Variable Message Signs in Chapel Hill	Variable message signs for traffic management on major corridors in Chapel Hill.	Prior Year	\$94,000	7-H-17
U-5549	Downtown Access Improvements	Downtown Access Improvements in Hillsborough. Construct curb relocations and ADA-compliant intersection improvements, and remove on-street parking	2016	\$156,000	7-H-18
U-5550	US 15/501 (and Ephesus Church Rd)	SR 1742 Ephesus Church Road in Chapel Hill. Intersection Improvements.	2018	\$2,170,000	7-H-19
U-5774 A	NC 54	A: US 15/501, upgrade interchange. 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.	Future Unfunded	\$23,699,999	7-H-20



## FY2016-2025 TIP ~ DIVISION 7 PROJECTS

<b>HIGHWAY</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
U-5774 B	NC 54	B: 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. Programmed for planning and environmental studies to expedite delivery of high priority project for the DCHC MPO area.	2016	\$19,986,000	7-H-21
U-5774 F	NC 54	F: I-40/NC 54 interchange improvements. 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.	2016	\$1,160,000	7-H-22
U-5774 G	NC 54	G: from I-40 to NC 751, upgrade the roadway corridor. 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.	Future Unfunded	\$32,000,000	7-H-23
U-5774 H	NC 54	H: from NC 751 to SR 1118 (Fayetteville Rd), upgrade the roadway corridor. 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.	2016	\$21,600,000	7-H-24
U-5845	SR 1009 (S Churton Street)	From I-40 to Eno River in Hillsborough. Widen to multi-lanes.	2021	\$26,240,000	7-H-25
U-5846	SR 1772 (Greensboro Street)	SR 1780 (Estes Drive) in Carrboro, construct a roundabout.	2017	\$775,000	7-H-26
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.	2018	\$775,000	7-H-27
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. Programmed for planning and environmental studies in 2016 to expedite delivery of high priority project for the DCHC MPO area.	2016	\$5,299,000	7-H-28
U-5854	SR 1008 (Mt. Carmel Church Rd)	SR 1913 (Bennett Rd) in Chapel Hill. Construct roundabout and related safety improvements.	2017	\$775,000	7-H-29
W-5207	Hazard Elimination Projects	Division 7 rumble strips, guardrail, safety, and lighting improvements at selected locations.	2015	\$4,757,000	7-H-30

## FY2016-2025 TIP ~ DIVISION 7 PROJECTS

<b>Non-Highway</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
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 Elliot Road in Chapel Hill.	2016	\$2,558,000	7-BP-1
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.	2016	\$320,250	7-BP-2
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 Occaneechee Mountain State Natural Area, and construct sidewalk to provide pedestrian and bicycle connections to the greenway.	2015	\$610,000	7-BP-3
EB-4707	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). Project #EB-4707 is the just the PE/design for the project. 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.	2014	\$912,000	7-BP-4
EB-4707 A	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). A: From US 15/501 in Orange County to SR 1113 (Pope Rd) in Durham County. 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.	2015	\$3,575,266	7-BP-5
EB-4707 B	Old Chapel Hill Rd / Old Durham Rd	SR 2220 (Old Chapel Hill Rd) and SR 1838 (Old Durham Rd). B: From SR 1113 (Pope Rd) to SR 1116 (Garrett Rd) in Durham County. 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.	2015	\$7,636,456	7-BP-6
EB-5721	Orange County Bicycle Route 1	Cleland Drive to Willow Drive in Chapel Hill. Upgrade existing off-road path and construct new section of path.	2017	\$558,000	7-BP-7
EL-4601	Morgan Creek Greenway (East)	Eastern Section, US 15-501 at SR 1994 (Culbreth Road) to SR 1919 (Smith Level Road) in Chapel Hill. Ten foot Multi-use asphalt path including access to Merritt Pasture.	Prior Year	\$1,141,000	7-BP-8
EL-4828	Morgan Creek Greenway (West)	Phase 1 and Phase 2 of the western section, SR 1919 (Smith Level Road) to University Lake in Carrboro. Construct greenway and connections. Phase 1 construction costs are \$372,000. Phase 2 construction costs are \$912,000.	2016	\$2,068,000	7-BP-9

## FY2016-2025 TIP ~ DIVISION 7 PROJECTS

<b>Non-Highway</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
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. Project is under construction.	Prior Year	\$9,357,000	7-BP-10
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. Under Construction.	Prior Year	\$9,061,000	7-BP-11
U-4726	DCHC MPO Bike/Ped TAP-Eligible Projects	Durham-Chapel Hill-Carrboro (DCHC) MPO. Bicycle, pedestrian, and Transportation Alternatives Program (TAP)-eligible projects.	2015	\$20,310,500	7-BP-12
U-4726	Booker Creek Greenway	Creekside Connector. Improve existing greenway and connectivity by constructing a bike and ped bridge to link to commercial areas in a redevelopment zone that are currently separated by the Lower Booker Creek.	not listed	\$0	7-BP-13
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.	2015	\$150,000	7-BP-14
U-4726	Tanyard Branch Greenway	Preliminary engineering and design for the greenway trail.	2015	\$125,000	7-BP-15
U-4726 DE	Bolin Creek Greenway	Construct a greenway trail F=from Homestead Road to Chapel Hill High School.	2015	\$903,980	7-BP-16
U-4726 1x	Friday Center Drive	Bicycle lanes on Friday Center Drive from NC 54 to UNC Park & Ride lot.	2015	\$565,000	7-BP-17
U-4726 DD	Rogers Road Sidewalks	Sidewalks along Rogers Road from Homestead to Meadow Run.	2015	\$561,747	7-BP-18
U-4726 DF	Bicycle Detector Loops	Bicycle detector loops at selected intersections in Carrboro.	2015	\$37,500	7-BP-19
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.	2016	\$546,550	7-BP-20
U-5023	DCHC MPO STP-DA Reserve Funds	DCHC MPO DCHC MPO STP-DA Funds - Reserved for future programming	2016	\$43,951,000	7-BP-21
U-5304	US 15/501 (Fordham Boulevard)	US 15/501 from NC 86 (South Columbia Street) to SR 1742 (Ephesus Church Road) in Chapel Hill. Sidewalks, wide outside lanes, and transit accommodations. Scheduled for feasibility study.	2019	\$5,150,000	7-BP-22

## FY2016-2025 TIP ~ DIVISION 7 PROJECTS

<b>Non-Highway</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
U-5304 A	US 15/501 (Fordham Boulevard)	A: 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. 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 miles.	2024	\$95,331,000	7-BP-23
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. Programmed for planning and environmental studies in 2016 to expedite delivery of high priority project for the DCHC MPO area.	2016	\$5,299,000	7-BP-24
B-4962	US 70 Bypass (Bridge)	Replace bridge No. 46 over Eno River.	2017	\$6,800,000	7-B-1
B-5348	Sr 1005 (Old Greensboro Rd) (Bridge)	Replace bridge No. 85 over Phil's Creek.	2017	\$1,145,000	7-B-2
B-5720	SR 1336 (Halls Mill Road) (Bridge)	Replace bridge No. 11 over Eno River.	2021	\$1,265,000	7-B-3
B-5733	SR 1010 (E Franklin St) (Bridge)	Replace bridge No. 30 over Booker Creek in Chapel Hill.	2023	\$1,955,000	7-B-4
BD-5107	Division 7 P/O Contract (bridges)	Division 7 Purchase Order Contract bridge replacement projects at selected locations.	2015	\$40,153,000	7-B-5
BS-5407	Division 7 State Funded Bridge Projects	Screen and evaluate potential state funded bridge projects in Division 7.	2015	\$200,000	7-B-6
P-4405	Private Crossing Safety Initiative	Private Crossing Safety Initiative to close or enhance protection at railroad crossings between Raleigh and Charlotte.	2015	\$21,985,000	7-R-1
P-5701	Passenger Rail Station	Norfolk Southern H Line. Milepost 41.7 in Hillsborough. Construct platform, passenger rail station building, site access, utilities, and parking. Programmed for planning and environmental studies in 2016 to expedite delivery of high priority project for the DCHC MPO area.	2016	\$7,200,000	7-R-2
C-4924B	DCHC MPO TDM Program	TJCOG - develop a flexible work schedule for employees and organizations in the Triangle Ozone Non-attainment Area for three years.	2015	\$5,466,000	7-O-1

## FY2016-2025 TIP ~ DIVISION 7 PROJECTS

<b>Non-Highway</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
C-5111	State Maintained Fueling Sites	Install two state maintained E-85 fueling sites in Charlotte and Hillsborough.	Prior Year	\$250,000	7-O-2
C-5565 B	TJCOG TDM Program - Phase II	Phase II funding shown in LIVE STIP May 2015. Develop flexible work schedules in DCHC area.	2015	\$6,192,000	7-O-3
C-5605	CMAQ in DCHC MPO Area	Projects to improve Congestion and Air Quality in the DCHC MPO area.	2016	\$5,030,000	7-O-4
EE-4907	Ecosystem Enhancement Program	Ecosystem Enhancement Program for Division 7 Project Mitigation.	Prior Year	\$17,824,000	7-O-5
U-4727	DCHC MPO Planning Allocation and Work Program	DCHC MPO Planning Allocation and Work Program	2015	\$12,638,000	7-O-6
U-4727	UPWP: Carrboro	Town of Carrboro Unified Planning Work Program	2016	\$34,007	7-O-7
U-4727	UPWP: Chapel Hill	Town of Chapel Hill Unified Planning Work Program	2016	\$527,640	7-O-8
U-4727	UPWP: MPO LPA	DCHC MPO Lead Planning Agency Unified Planning Work Program	2016	\$1,893,962	7-O-9
U-4727	UPWP: Hillsborough	Town of Hillsborough Unified Planning Work Program	2016	\$100,000	7-O-10
U-4727	UPWP: Orange County	Orange County Unified Planning Work Program	2016	\$30,031	7-O-11
U-4727	UPWP: TJCOG	Triangle J Council of Governments Unified Planning Work Program	2016	\$68,750	7-O-12
U-4727	UPWP: GoTriangle	GoTriangle Unified Planning Work Program	2016	\$1,085,000	7-O-13

## FY2016-2025 TIP ~ DIVISION 7 PROJECTS

<b>TRANSIT</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
C-4932 A	Orange County Park-and-Ride Lot	Park and Ride facility in Town of Hillsborough, install bus shelters and bike racks.	Prior Year	\$20,000	7-T-1
C-4932 B	Orange County Park-and-Ride Lot	Park and Ride facility in Town of Hillsborough. Provide operating assistance for three years.	Prior Year	\$436,000	7-T-2
EL-5103	Carrboro Bus Shelters	Install bus shelters at select locations in Carrboro.	Prior Year	\$76,000	7-T-3
TA-4726	CHT Replacement Bus	Replacement Buses	2015	\$51,147,750	7-T-4
TA-4726 A	CHT Replacement Buses (3)	3 Replacement Buses	2015	\$2,235,000	7-T-5
TA-4748	CHT Replacement Paratransit Vehicle	Replacement Paratransit Vehicle	2015	\$4,421,000	7-T-6
TA-4818 B	GoTriangle Replacement Bus	Replacement Bus	2015	\$6,491,000	7-T-7
TA-4979	CHT Replacement Van	Replacement Van	2016	\$4,061,000	7-T-8
TA-5123 B	GoTriangle Expansion Bus	Expansion bus	2015	\$19,546,000	7-T-9
TA-5135	GoTriangle Bus Rehabilitation	Bus rehabilitation	2015	\$277,000	7-T-10
TA-5143	CHT Support & Paratransit Vehicles	Purchase Support & Paratransit Vehicles	2015	\$200,000	7-T-11
TA-5148	Vanpool Vans - Replacement	Vanpool vans - replacement (8)	2015	\$224,000	7-T-12
TA-5154	Replacement Paratransit Vehicles	Replacement paratransit vehicles	2015	\$269,000	7-T-13
TA-6526	Capital	Capital - Orange County Dept. of Aging	2015	\$5,000	7-T-14
TD-4710 B	Facility - Park & Ride	Facility - Park & Ride	2015	\$878,000	7-T-15



## FY2016-2025 TIP ~ DIVISION 7 PROJECTS

<b>TRANSIT</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
TD-5155	1 Replacement LTV & vehicle equipment	1 replacement LTV (25') and radio, vehicle lettering and logos, and on-board camera.	2016	\$77,000	7-T-16
TD-5271	Renovate Bus Related Facilities	Renovate Bus Related Facilities	2015	\$50,000	7-T-17
TE-5205 A	Durham-Orange Light Rail Transit	Construct a light rail transit system. 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.	2016	\$342,702,000	7-T-18
TG-4731 B	Preventive Maintenance	Preventive Maintenance	2015	\$28,557,000	7-T-19
TG-4732 A	Routine Capital	Routine Capital - Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc.	2015	\$3,920,000	7-T-20
TG-4732 B	Routine Capital - Service Vehicle	Routine Capital - Service Vehicle	2015	\$888,000	7-T-21
TG-4821 B	Routine Capital	Routine Capital -Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc includes ADA, PM, and service vehicles	2015	\$24,490,000	7-T-22
TG-5227	Routine Capital	Routine Capital - Purchase bus stop shelters, benches, shop equipment, spare parts, engines, farebox, support vehicles, replace/repair lifts	2015	\$329,000	7-T-23
TG-5247	Routine Capital - Resurfacing	Routine Capital - Resurface Park & Ride Lots	2015	\$71,000	7-T-24
TG-5248	Routine Capital - Resurfacing	Routine Capital - Resurface Park & Ride Lots	2015	\$100,000	7-T-25
TG-5249	Routine Capital - Resurfacing	Routine Capital - Resurface Park & Ride Lots	2015	\$70,000	7-T-26
TG-5251	Routine Capital	Routine Capital	2015	\$277,000	7-T-27
TM-5132	Operating Assistance	Operating Assistance	2015	\$414,000	7-T-28
TM-5305	Operating- Night Service	Operating Assistance-Night Service	2015	\$136,000	7-T-29

## FY2016-2025 TIP ~ DIVISION 7 PROJECTS

<b>TRANSIT</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
TM-5306	Operating Assistance - Continuation	Operating Assistance - Continuation of Service Hour Extension	2015	\$144,000	7-T-30
TM-5307	Planning & Program Administration	Planning & Program Administration of JARC projects (5316)	2015	\$90,000	7-T-31
TM-5311	Sunday Routes (400,700, & 800)	Sunday Routes (400,700, & 800)	2015	\$470,000	7-T-32
TN-5102	Operating Assistance -New Freedom	Operating Assistance -New Freedom - Urban	2015	\$1,764,000	7-T-33
TO-5133	Operating Assistance	Operating Assistance	2015	\$50,081,000	7-T-34
TP-4732 A	Planning Assistance - 5307	Planning Assistance - 5307	2015	\$8,429,000	7-T-35
TQ-3002	Orange County STEAMM	Senior transportation expansion, assessment and mobility manager including purchase of service.	2015	\$163,000	7-T-36
TQ-5104	EZ Rider Senior Shuttle	EZ Rider Senior Shuttle	2015	\$216,000	7-T-37
TQ-6165	Mobility Management	Mobility Management	2015	\$150,000	7-T-38
TQ-7002 HF	Administration of Section 5310	Administration	2015	\$28,000	7-T-39
TS-5106	Safety & Security - 1% Set Aside	Safety & Security - 1% Set Aside	2015	\$506,000	7-T-40
TS-5119	Safety & Security - 1% Set Aside	Safety & Security - 1% Set Aside	2015	\$404,000	7-T-41
TT-6107	Purchase Mobile Data Terminals	Purchase Mobile Data Terminals	2015	\$80,000	7-T-42
U-5119 A	Phase 2 Alternatives Analysis	Chapel Hill Transit Bus Rapid Transit, Phase II Alternatives Analysis, including environmental assessment, design, and engineering.	2016	\$4,220,000	7-T-43

# FY2016-2025 TIP

## DIVISION 8 PROJECTS

<b>HIGHWAY</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
<b>TIP #</b>	<b>PROJECT NAME</b>	<b>DESCRIPTION</b>	<b>PROJECT EXPECTED START DATE</b>	<b>TOTAL ESTIMATED PROJECT COST</b>	<b>PAGE #</b>
W-5208	Hazard Elimination Projects	Division 8 rumble strips, guardrail, safety, and lighting improvements at selected locations.	2015	\$5,351,000	8-H-1

<b>Non-HIGHWAY</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
<b>TIP #</b>	<b>PROJECT NAME</b>	<b>DESCRIPTION</b>	<b>PROJECT EXPECTED START DATE</b>	<b>TOTAL ESTIMATED PROJECT COST</b>	<b>PAGE #</b>
C-5176	American Tobacco Trail (ATT)	American Tobacco Trail in Chatham County, New Hope Church Road Trailhead Park and Ride Lot.	Prior Year	\$1,192,000	8-BP-1
EB-5738	SR 1008 (Mt. Carmel Church Road) Bicycle Lanes	From SR 1008 (Old Farrington Point Road) to Orange County line. Construct bicycle lanes.	2016	\$435,000	8-BP-2
EB-5739	SR 1532 (Manns Chapel Road) Bicycle Lanes	From SR 1534 (Poythress Road) to US 15/US 501. Construct bicycle lanes.	2016	\$705,000	8-BP-3
U-4726	DCHC MPO Bike/Ped TAP-Eligible Projects	Durham-Chapel Hill-Carrboro (DCHC) MPO. Bicycle, pedestrian, and Transportation Alternatives Program (TAP)-eligible projects.	2015	\$20,310,500	8-BP-4
U-5023	DCHC MPO STP-DA Reserve Funds	DCHC MPO DCHC MPO STP-DA Funds - Reserved for future programming	2016	\$43,951,000	8-BP-5
BD-5108	Division 8 P/O Contract (Bridges)	Division 8 Purchase Order Contract bridge replacement projects at selected locations.	2015	\$43,262,000	8-B-1
BS-5408	Division 8 State Funded Bridge Projects	Screen and evaluate potential state funded bridge projects in Division 8.	2015	\$200,000	8-B-2
C-4924	DCHC MPO TDM Program	TJCOG - develop a flexible work schedule for employees and organizations in the Triangle Ozone Non-attainment Area for three years.	2015	\$5,466,000	8-O-1
C-5565 B	TJCOG TDM Program - Phase II	Phase II funding shown in LIVE STIP May 2015. Develop flexible work schedules in DCHC area.	2015	\$6,192,000	8-O-2

## FY2016-2025 TIP ~ DIVISION 8 PROJECTS

<b>Non-HIGHWAY</b> (MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)					
TIP #	PROJECT NAME	DESCRIPTION	PROJECT EXPECTED START DATE	TOTAL ESTIMATED PROJECT COST	PAGE #
C-5605	CMAQ in DCHC MPO Area	Projects to improve Congestion and Air Quality in the DCHC MPO area.	2016	\$5,030,000	8-O-3
EE-4908	Ecosystem Enhancement Program	Ecosystem Enhancement Program for Division 8 Project Mitigation.	Prior Year	\$25,842,000	8-O-4
U-4727	DCHC MPO Planning Allocation and Work Program	DCHC MPO Planning Allocation and Work Program	2015	\$12,638,000	8-O-5
U-4727	UPWP: Chatham County	Chatham County Unified Planning Work Program	2016	\$43,743	8-O-6
U-4727	UPWP: MPO LPA	DCHC MPO Lead Planning Agency Unified Planning Work Program	2016	\$1,893,962	8-O-7
U-4727	UPWP: TJCOG	Triangle J Council of Governments Unified Planning Work Program	2016	\$68,750	8-O-8
U-4727	UPWP: GoTriangle	GoTriangle Unified Planning Work Program	2016	\$1,085,000	8-O-9

## FY2016-2025 TIP ~ DIVISION 8 PROJECTS

**TRANSIT**

(MULTI-MODAL PROJECTS MAY BE LISTED IN MORE THAN ONE CATEGORY)

<b>TIP #</b>	<b>PROJECT NAME</b>	<b>DESCRIPTION</b>	<b>PROJECT EXPECTED START DATE</b>	<b>TOTAL ESTIMATED PROJECT COST</b>	<b>PAGE #</b>
TM-5307	Planning & Program Administration	Planning & Program Administration of JARC projects (5316)	2015	\$90,000	8-T-1
TQ-7002 HF	Administration of Section 5310	Administration	2015	\$28,000	8-T-2

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# FY2016-2025 TIP

## STATEWIDE PROJECTS

TIP #	PROJECT NAME	DESCRIPTION	PAGE #
AA-0001	NCDOT - DOA Airport Safety	NCDOT - DOA airport safety, airport wildlife, safety preservation (maintenance), automated weather, safety and education statewide programs.	S-1
AA-0002	DCDOT - DOA Aviation Safety	NCDOT - DOA statewide commercial/ general aviation safety, operations and maintenance projects at selected airports.	S-2
B-9999	Bridge Inspection Program	Bridge Inspection Program	S-3
BK-5100	Establish Bridge Management System	Establish Bridge Management System	S-4
BK-5101	Deck Preservation	Deck preservation at 15 selected locations.	S-5
BK-5102	Bridge Painting	Bridge painting at 19 selected locations.	S-6
BK-5131	Bridge Preservation	Bridge preservation at selected locations.	S-7
BK-5132	Engineering Eval of Weight Limit on Bridges	In-depth engineering evaluation of weight restrictions on load posted bridges on US and NC designated routes.	S-8
BP-5500	Bridge Preservation Issues	Bridge preservation issues at selected sites.	S-9
C-3600	CMAQ: DMV	Department of Motor Vehicles (DMV) vehicle emission compliance system. Upgrade North Carolina's motor vehicle emissions inspection and maintenance (I/M) program.	S-10
C-4902	CMAQ: NCSU	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.	S-11
C-4903	CMAQ: Air Awareness	North Carolina Department of Environment and Natural Resources. North Carolina Air Awareness Outreach Program to provide education and produce daily air quality forecast.	S-12
C-5554	CMAQ: Div A/Q School Bus	Division of Air Quality school bus replacement program. Replace buses with new buses that meet the new heavy duty diesel truck and bus standards.	S-13
C-5571	Passenger Rail Projects: NCRR	NCDOT Piedmont and Carolinian passenger rail services. Public Outreach and Awareness Program.	S-14

## FY2016-2025 TIP ~ STATEWIDE PROJECTS

TIP #	PROJECT NAME	DESCRIPTION	PAGE #
C-5600	CMAQ Statewide	Statewide CMAQ projects to improve air quality within nonattainment and maintenance areas.	S-15
C-5601	CMAQ Statewide	CMAQ projects to improve air quality across multiple nonattainment and maintenance areas.	S-16
C-9999	CMAQ: Program Balance	Congestion Mitigation Air Quality (CMAQ) program balance in non-attainment areas.	S-17
E-4018	National Recreation Trails	National recreation trails.	S-18
EB-3314	SW Pedestrian Facilities	Statewide pedestrian facilities program.	S-19
EB-5542	SW Bicycle-Pedestrian Program	Statewide Bicycle-Pedestrian Program. Previous TAP set-aside (TAP flex).	S-20
ER-2971	NCDOT Sidewalk Program	NCDOT's Sidewalk Program in all fourteen highway divisions.	S-21
ER-5600	Enhancement: Veg Management	Vegetation management - clear zone improvement and management statewide. Previous STP-EL set-aside (TAP flex).	S-22
K-4704	Roadside Environmental Projects (Rest Area)	Rest area system preservation. Pavement, pavement marking, curb and gutter, sidewalks and other rehabilitation items.	S-23
M-0219	SW Rural: Photogrammetry, PE for Misc Projects	Statewide Rural Projects: Photogrammetry, PE for Misc Projects	S-24
M-0360	SW Rural Projects: Design Services, PE	Design services, preliminary engineering for miscellaneous projects.	S-25
M-0376	SW Rural Projects: Geotech Studies	Statewide Rural Projects: Geotechnical Studies and investigations project to cover non-project specific work.	S-26
M-0379	Scour Evaluation Program (Bridges)	Scour evaluation program of existing bridges.	S-27
M-0391	SW Rural Projects: Structure Design, PE for Misc Projects	Statewide Rural Projects: Structure Design, Preliminary Engineering for Misc Projects	S-28

## FY2016-2025 TIP ~ STATEWIDE PROJECTS

TIP #	PROJECT NAME	DESCRIPTION	PAGE #
M-0392	SW Rural Projects: Hydraulics, PE	Hydraulics, preliminary engineering for miscellaneous projects.	S-29
M-0405	SW Rural Projects: Mowing	Statewide mowing maintenance contracts for properties acquired by NCDOT in advance of STIP projects.	S-30
M-0418	Storm Water Runoff	Storm water runoff. Research, design, construct, maintain, and monitor storm water drainage from 50 bridges over waterways. (HB 2346, Section 25.18)	S-31
M-0451	Enhancement: SW Landscape Plans	Statewide landscape plans for STIP construction projects.	S-32
M-0452	Tolling/Financial Feasibility Studies	Tolling/Financial Feasibility Studies	S-33
M-0479	SW Rural Projects: Project Dev & Env Analysis	Statewide project development and environmental analysis, preliminary engineering for miscellaneous projects.	S-34
P-2918	Passenger Rail Project	Passenger Rail Project Trains 73/74 and 74/75 operations between Charlotte and Raleigh. Equipment and capital yard maintenance facility.	S-35
P-4405	Private Crossing Safety Initiative	Private Crossing Safety Initiative to close or enhance protection at railroad crossings between Raleigh and Charlotte.	S-36
P-5602	Passenger Rail Projects: SW Rail PE	Statewide rail preliminary engineering.	S-37
R-4049	SW Rural Projects: Traffic Operations	Traffic operations (incident management, 511, smartlink, TEC, TMC)	S-38
R-4067	SW Rural Projects: Positive Guidance Program	Positive guidance program (pavement markings and markers, LED signal head replacement).	S-39
R-4073	SW Rural Projects: Asphalt Materials Testing	Asphalt materials testing laboratories corrective action plan for groundwater clean up at 54 sites.	S-40
R-4436	Statewide Rural Projects: NPDES Permit	NPDES permit, retrofit 14 sites per year to protect water quality. Previous STP-E set-aside (TAP flex).	S-41
R-4701	SW Rural Projects: Traffic System	Traffic system operations program (signal maintenance).	S-42
R-9999 WM	SW Rural Projects: Env Mit & Min	Environmental mitigation and minimization	S-43

## FY2016-2025 TIP ~ STATEWIDE PROJECTS

TIP #	PROJECT NAME	DESCRIPTION	PAGE #
SR-5000	Safe Routes to School: Non-Infrastructure	Safe Routes to School Program. Educational, training, and other non-infrastructure needs.	S-44
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.	S-45
TA-6520	New Freedom Capital Funding Assistance	Section 5317 New Freedom Capital funding assistance to community transportation systems and non-profit agencies across the state	S-46
TA-6535	NCDOT Ferry Division Capital Acquisition	Capital	S-47
TI-6105	Greyhound Bus Service from Raleigh to Norfolk	Intercity bus service from Raleigh to Norfolk along US 64 and US 258 with stops at Raleigh, Rocky Mount, Ahoskie, and Suffolk	S-48
TI-6106	Greyhound Bus Service from Raleigh to Wilmington	Intercity bus service from Raleigh to Wilmington along US 70 and US 117 with stops at Raleigh, Smithfield, Goldsboro, Wallace, and Wilmington	S-49
TI-6107	Greyhound Bus Service From Raleigh to Jacksonville	Intercity bus service from Raleigh to Jacksonville along US 70 and US 17 with stops at Raleigh, Smithfield, Goldsboro, Kinston, and New Bern.	S-50
TI-6108	Greyhound Bus Service from Raleigh to Jacksonville (via Wilmington)	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	S-51
TK-4900 Z	Public Transportation Projects: State Admin	Statewide administration - rural area general public transit services.	S-52
TM-5301	Public Transportation Projects: State Admin	State administration - Job Access Non-Urban.	S-53
TN-5112	Public Transportation Projects: State Admin	State administration - New Freedom - 5317	S-54
TP-4901	Regional Coordinated Area Transportation	Planning assistance - research support activities	S-55
TS-4900 Z	Public Transportation Projects: RTAP	Statewide training and support services RTAP (Rural, Small-Urban and Paratransit)	S-56
TT-9702 A	Regional Coordinated Area Transportation	Technology - Administration (ITRE)	S-57

## FY2016-2025 TIP ~ STATEWIDE PROJECTS

TIP #	PROJECT NAME	DESCRIPTION	PAGE #
TV-4903	Public Transportation Projects: State Admin	State administration - Elderly and disabled persons (federal PROGRAM)	S-58
W-5300	Hazard Elimination Projects: Signal Retiming	Signal retiming to improve safety.	S-59
W-5508	Hazard Elimination Projects: Highway System Data	Highway system data collection. Traffic engineering branch to participate in a three-year data collection program.	S-60
W-5517	Hazard Elimination Projects: Safety Management Program	Safety management program. Project identification, analysis, and preliminary engineering.	S-61
W-5601	Hazard Elimination Projects: Safety	Rumple strips, guardrail, safety, and lighting improvements at selected locations.	S-62
W-9999	Hazard Elimination Projects: Safety Improvement	Highway safety improvement program balance.	S-63
Y-5500	Passenger Rail Projects: Traffic Separation Study	Traffic separation study implementation and closures.	S-64
Z-5400	Passenger Rail Projects: Highway-Rail Crossing	Highway-rail grade crossing safety improvements.	S-65

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