

FY 2018-2027 Transportation Improvement Program - Amendment #5

ID	Project	Description	As Currently Programmed													
			Phase	Source	Prior Years	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Future Year	Total (100%)
TD-5300	Wake Transit Plan implementation facilities-GoTriangle	Raleigh Union Station Bus Facility. <b>Update funding based on FY2019 Wake Transit Work Plan.</b>	PE	L		\$ 2,700,000	\$ 2,808,000									\$5,508,000
TG-4821B	GoTriangle Routine Capital	Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc. Includes ADA, PM and service vehicles. <b>Update funding based on FY2019 Wake Transit Work Plan.</b>	Capital	FUZ		\$1,573,000	1575000	1575000	1575000	1575000	1575000					\$9,448,000
				L		\$393,000	394000	394000	394000	394000	394000					\$2,363,000
TP-4605B	Wake Transit Plan implementation Planning-GoTriangle	Long term park and ride feasibility study. <b>Add project based on FY2019 Wake Transit Work Plan.</b>	Planning	L												
TP-4905C	Wake Transit Plan Implementation-Planning-GoTriangle	Commuter Rail Rail Traffic Controller Modeling. <b>Add project based on FY2019 Wake Transit Work Plan.</b>	Planning	L												
TP-4905D	Wake Transit Plan Implementation-Planning- GoTriangle	Land Use and Affordability Studies. <b>Add project based on FY2019 Wake Transit Work Plan.</b>	Planning	L												
TP-4905E	Wake Transit Plan Implementation-Planning- GoTriangle	Regional Technology Integration Study. <b>Add project based on FY2019 Wake Transit Work Plan.</b>														
TD-5305	GoCary Downtown Cary Multimodal Facility	Construct Multimodal facility in downtown Cary. <b>Update funding based on FY2019 Wake Transit Work Plan.</b>	PE	STBGDA			\$ 2,000,000									\$2,000,000
				L			\$ 500,000									\$500,000
Pending	GoTriangle Regional Transit Center	Construct Regional Transit Center. <b>Add project based on FY2019 Wake Transit Work Plan.</b>	PE	L												
Pending	GoRaleigh East Raleigh Community Transit Cetner	Construct Community Transit Center in East Raleigh. <b>Add project based on FY2019 Wake Transit Work Plan</b>														
Pending	GoRaleigh Coordinated ADA Facility	Construct Coordinated ADA Facility. <b>Add project based on FY2019 Wake Transit Work Plan</b>														
TO-5129	GoCary Operating Assistance	GoCary Operating Assistance. <b>Add funding based on FY2019 Wake Transit Work Plan.</b>	Operating	FUZ		\$ 50,000	\$ 50,000	\$ 50,000								\$150,000
				L		\$ 50,000	\$ 50,000	\$ 50,000								\$150,000
TO-5128	GoRaleigh Operating Assistance	GoRaleigh Operating Assistance. <b>Add funding based on FY2019 Wake Transit Work Plan and 5307 Apportionment.</b>		SMAP		\$ 200,000	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$ 230,000	\$ 230,000	\$ 240,000			\$1,750,000
			Operating	SMAP		\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000					\$1,800,000
TO-5131	GoTriangle Operating Assistance	GoTriangle Operating Assistance. <b>Add funding based on FY2019 Wake Transit Work Plan.</b>	Operating	SMAP		\$ 1,952,000	\$ 1,952,000	\$ 1,952,000	\$ 1,952,000	\$ 1,952,000	\$ 1,952,000					\$11,712,000
TN-6116	Wake Coordinated Transportation Services (Wake County) Operating Assistance	Wake Coordinated Transit Service (Wake County) Operating Assistance. <b>Add funding based of FY2019 Wake Transit Work Plan</b>	Operating													
I-6005	I-87/US 64/US 264	US 64 Business (Wendell Blvd) to US 264, widen to 6 lanes. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
I-6006	I-40	NC 54 (Exit 273) to SR 1720 (Wade Ave) Convert facility to a managed freeway with ramp metering and other ATM/ITS components. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
I-6007	I-87/US 64/US 264	SR 2233 (Smithfield Road) convert interchange to diverging diamond. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
P-5734	North Carolina Railroad/Norfolk Southern H Line/CSX S Line	SR 1655 (Trinity Road) in Cary, construct grade separation and close crossing 630657S. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
P-5736	North Carolina Railroad;; Norfolk Southern H line; CSX S Line	Beryl Road crossing in Raleigh, extend Beryl Road to Royale Ave and close crossing 630647L. <b>Programmed for planning and environmental study to expedite delivery of new STI project</b>														
P-5737	CXs S Line	SR 2108 (Millbrook Road) in Raleigh. Construct grade separation and close crossing 630605A. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
P-5738	North Carolina Railroad/ Norfolk Southern H Line	SR 2713 (Vandora Springs Road) in Garner. Construct grade separation and close crossing 735324J. <b>Programmed for planning and environmental study only to expeditedelivery of new STI project.</b>														

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ID	Project	Description	TIP Amendment #5												
			Phase	Source	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Total (100%)
TD-5300	Wake Transit Plan implementation facilities- GoTriangle	Raleigh Union Station Bus Facility. <b>Update funding based on FY2019 Wake Transit Work Plan.</b>	PE	L	\$ 2,700,000	\$700,000									
			CON	L			\$3,860,000							\$ 3,860,000	
TG-4821B	GoTriangle Routine Capital	Bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc. Includes ADA, PM and service vehicles. <b>Update funding based on FY2019 Wake Transit Work Plan.</b>	Capital	FUZ	\$1,573,000	\$ 1,575,000	\$ 1,575,000	\$ 1,575,000	\$ 1,575,000	\$ 1,575,000				\$ 9,448,000	
				L	\$393,000	\$ 1,612,124	\$ 394,000	\$ 394,000	\$ 394,000	\$ 394,000				\$ 3,581,124	
TP-4605B	Wake Transit Plan implementation Planning- GoTriangle	Long term park and ride feasibility study. <b>Add project based on FY2019 Wake Transit Work Plan.</b>													
			Planning	L		\$500,000								\$ 500,000	
TP-4905C	Wake Transit Plan Implementation- Planning-GoTriangle	Commuter Rail Rail Traffic Controller Modeling. <b>Add project based on FY2019 Wake Transit Work Plan.</b>	Planning	L		\$333,333								\$ 333,333	
TP-4905D	Wake Transit Plan Implementation- Planning- GoTriangle	Land Use and Affordability Studies. <b>Add project based on FY2019 Wake Transit Work Plan.</b>	Planning	L	\$ 42,000	\$ 139,000								\$ 181,000	
TP-4905E	Wake Transit Plan Implementation- Planning- GoTriangle	Regional Technology Integration Study. <b>Add project based on FY2019 Wake Transit Work Plan.</b>	Planning	L		\$ 150,000								\$ 150,000	
TD-5305	GoCary Downtown Cary Multimodal Facility	Construct Multimodal facility in downtown Cary. <b>Update funding based on FY2019 Wake Transit Work Plan.</b>	Planning	L	\$ 300,000	\$ 200,000								\$ 500,000	
			PE	STBGDA		\$ 720,000							\$ 720,000		
				L		\$ 720,000						\$ 720,000			
			ROW	STBGDA		\$ 1,280,000					\$ 1,280,000				
				L		\$ 1,280,000					\$ 1,280,000				
Pending	GoTriangle Regional Transit Center	Construct Regional Transit Center. <b>Add project based on FY2019 Wake Transit Work Plan.</b>	Planning	L		\$ 312,500							\$ 312,500		
Pending	GoRaleigh East Raleigh Community Transit Cetner	Construct Community Transit Center in East Raleigh. <b>Add project based on FY2019 Wake Transit Work Plan</b>	Design	L		\$ 350,000								\$ 350,000	
Pending	GoRaleigh Coordinated ADA Facility	Construct Coordinated ADA Facility. <b>Add project based on FY2019 Wake Transit Work Plan</b>	Planning	L		\$ 350,000								\$ 350,000	
TO-5129	GoCary Operating Assistance		Operating	FUZ	\$ 50,000	\$ 50,000	\$ 50,000							\$ 150,000	
		GoCary Operating Assistance. <b>Add funding based on FY2019 Wake Transit Work Plan.</b>		L	\$ 50,000	\$ 1,599,546	\$ 2,057,179	\$ 2,108,608	\$ 2,161,324	\$ 2,215,357	\$ 2,270,741	\$ 2,327,509	\$ 2,385,697	\$ 2,445,339	\$ 19,621,300
				SMAP	\$ 200,000	\$ 200,000	\$ 210,000	\$ 220,000	\$ 220,000	\$ 230,000	\$ 230,000			\$ 1,510,000	
TO-5128	GoRaleigh Operating Assistance	GoRaleigh Operating Assistance. <b>Add funding based on FY2019 Wake Transit Work Plan and 5307 Apportionment.</b>	Operating	SMAP	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000				\$ 1,800,000	
				L		\$ 7,312,875	\$ 12,593,547	\$ 12,908,386	\$ 13,231,095	\$ 13,561,873	\$ 13,900,920	\$ 14,248,443	\$ 14,604,654	\$ 14,969,770	\$ 117,331,561
				FUZ	\$ 2,300,000	\$ 2,300,000								\$ 4,600,000	
TO-5131	GoTriangle Operating Assistance	GoTriangle Operating Assistance. <b>Add funding based on FY2019 Wake Transit Work Plan.</b>	Operating	SMAP	\$ 1,952,000	\$ 1,952,000	\$ 1,952,000	\$ 1,952,000	\$ 1,952,000					\$ 11,712,000	
				L		\$ 2,196,273	\$ 2,283,577	\$ 2,340,666	\$ 2,399,183	\$ 2,459,163	\$ 2,520,642	\$ 2,583,658	\$ 2,648,249	\$ 2,714,455	\$ 22,145,866
TN-6116	Wake Coordinated Transportation Services (Wake County) Operating Assistance		Operating	L		\$ 283,280	\$ 290,362	\$ 297,621	\$ 305,062	\$ 312,688	\$ 320,505	\$ 328,518	\$ 336,731	\$ 345,149	\$ 2,819,916
		Wake Coordinated Transit Service (Wake County) Operating Assistance. <b>Add funding based of FY2019 Wake Transit Work Plan</b>													
I-6005	I-87/US 64/US 264	US 64 Business (Wendell Blvd) to US 264, widen to 6 lanes. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
I-6006	I-40	NC 54 (Exit 273) to SR 1720 (Wade Ave) Convert facility to a managed freeway with ramp metering and other ATM/ITS components. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
I-6007	I-87/US 64/US 264	SR 2233 (Smithfield Road) convert interchange to diverging diamond. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
P-5734	North Carolina Railroad/Norfolk Southern H Line/CSX S Line	SR 1655 (Trinity Road) in Cary, construct grade separation and close crossing 630657S. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
P-5736	North Carolina Railroad;; Norfolk Southern H line; CSX S Line	Beryl Road crossing in Raleigh, extend Beryl Road to Royale Ave and close crossing 630647L. <b>Programmed for planning and environmental study to expedite delivery of new STI project</b>													
P-5737	CXS S Line	SR 2108 (Millbrook Road) in Raleigh. Construct grade separation and close crossing 630605A. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
P-5738	North Carolina Railroad/ Norfolk Southern H Line	SR 2713 (Vandora Springs Road) in Garner. Construct grade separation and close crossing 735324J. <b>Programmed for planning and environmental study only to expeditedelivery of new STI project.</b>													

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			Phase	Source	Prior Years	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Future Year	Total (100%)
P-5739	CSX S Line	SR 1415 (West Maynard Road) in Cary. Construct grade separation and close crossing 643400U. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
U-6101	I-40/I-87/I-440	US 1/US 64, I-40 from SR 1728 (Wade Ave) to NC 42, I-440, I-87 from I-40 to I-540 US 1 from NC 540 to I-40, convert facilities to managed freeways, to include ramp metering. <b>Programmed for planning and environmental study only to expedite delivery of new</b>														
B-5326	SR 2555 (Raynor Road)	Replace bridge 910247 over White Oak Creek in Garner. <b>Cost increase exceeding \$2 million and 25% thresholds.</b>	ROW	STPOFF		\$ 50,000										\$50,000
			CON	STPOFF			\$ 525,000									\$525,000
U-4437	NC 54 (Hillsborough St)	SR 1664/SR3074 (Blue Ridge Road) in vicinity of NC Railroad (CSX Corporation and Norfolk Southern) in Raleigh. Construct grade separations and access road between NC 54 and SR 1664/SR 3074. <b>Apply TIGER Grant Funds; cost increase exceeding \$2 million and 24% thresholds.</b>	ROW	T		\$ 5,700,000										\$5,700,000
			UTIL	T		\$ 1,500,000										\$1,500,000
			CON	T		\$ 19,000,000										\$19,000,000
U-5890	US 401/ NC 42/ NC 55	SR 2768/SR 5056 (North Judd Parkway) to NC 42 / NC 55. Access management improvements. <b>Cost increase exceeding \$2 million and 25% thresholds.</b>	ROW	T							\$ 4,889,000					\$4,889,000
			UTIL	T							\$ 587,000					\$587,000
			CON	T									\$ 3,394,000			\$3,394,000
I-5995	I-40	East of NC 147 to SR 3015 (Airport Blvd). Pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>														
I-5996	I-40	SR 1002 (Aviation Pkwy) in Cary to SR 1728 (Wade Ave) to SR 2000 (Wake Forest Road) in Raleigh, pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>														
I-5997	I-440/US 1	SR 1728 (Wade Ave) to SR 2000 (Wake Forest Road) in Raleigh, pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>														
I-5998	I-540	I-40 in Durham to US 70 in Raleigh. Pavement rehanilitation. <b>Add new project based on interstate maintenance prioritization process.</b>														
I-5999	I-540	US 70 (Glenwood Ave) to US 1 in Raleigh. Pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>														
I-6000	I-540	I-40 in Durham to US 1 in Raleigh. Bridge preservation/rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>														
I-6001	I-87/ Future I-87/ US 64/US 264	I-540 in Knightdale to Nash County Line, pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>														
B-5339	SR 1544 (Guy Road)	Replace bridge 420233 over Black River tributary. <b>Accelerate construction from FY2019 to FY2018.</b>	ROW	STBGOFF		\$ 80,000										\$80,000
			CON	STBGOFF			\$ 770,000									\$770,000
B-5414	SR 1234 (Leaflet Church Rd)	Replace bridge 420195 over branch of Upper Little Rier. <b>Accelerate construction from FY2019 to FY 2018</b>	ROW	STBGOFF		\$ 50,000										\$50,000
			CON	STBGOFF			\$ 525,000									\$525,000
C-5604	Various	Various projects to improve congestions and air quality in the Capital Area MPO. <b>Add engineering, ROW, CON, operations, and implementation in FY 20 not previously programmed, at request of NCDOT Transportation Planning Division.</b>	PE	CMAQ		\$ 634,000	\$ 646,000									\$1,280,000
				L		\$ 158,000	\$ 161,000									\$319,000
			ROW	CMAQ		\$ 634,000	\$ 646,000									\$1,280,000
				L		\$ 158,000	\$ 161,000									\$319,000
			CON	CMAQ		\$ 3,804,000	\$ 3,874,000									\$7,678,000
				STBGDA												
				L		\$ 951,000	\$ 968,000									\$1,919,000
			Implementation	CMAQ		\$ 634,000	\$ 646,000									\$1,280,000
				L		\$ 158,000	\$ 161,000									\$319,000
			Operations	CMAQ		\$ 634,000	\$ 646,000									\$1,280,000
				L		\$ 158,000	\$ 161,000									\$319,000
			ROW	NHP			\$ 26,950,000									\$26,950,000
I-4739	I-40	Access improvements in the vicinity of existing I-40/NC 42 interchange (Exit 312). <b>Cost increase threshold exceeding \$2 million and 25% thresholds.</b>	UTIL	NHP			\$ 3,150,000									\$3,150,000
			CON	NHP			\$ 1,956,000	\$ 9,286,000	\$ 9,286,000	\$ 9,286,000	\$ 9,286,000					\$39,100,000
I-5708	I-440/ US 1	SR 2000 (Wake Forest Road) in Raleigh. Interchange improvements. <b>To allow additional time for engineering, delay ROW from FY18 to FY19.</b>	ROW	NHP		\$ 14,806,000										\$14,806,000
			UTIL	NHP			\$ 649,000									\$649,000
			CON	NHP				\$ 4,600,000								\$4,600,000
P-5707	CSX S Line	Construct grade separation at Rogers Road extension crossing (633905Y) in Wake Forest. <b>Accelerate construction from FY20 to FY19 at the request of NCDOT Rail Division.</b>	ROW	NHP		\$ 1,890,000										\$1,890,000
			CON	NHP				\$ 9,000,000								\$9,000,000
P-5715	CSX	Crossing 630607N at New Hope Church Road in Raleigh, construct grade separation. <b>Accelerate ROW from FY19 to FY18 and CON from FY21 to FY19 at the request of NCDOT Rail Division.</b>	ROW	T			\$ 3,300,000									\$3,300,000
			CON	T					\$ 10,165,000							\$10,165,000
				O					\$ 535,000							\$535,000
R-2814D	US-401	SR 1103 (Flat Rock Church Road/Clifton Pond Road) to SR 1700 (Fox Park Road) south of Louisburg. <b>Cost increase exceeding \$2 million and 25% thresholds.</b>	ROW	STBG						\$ 1,458,000	\$ 1,458,000					\$2,916,000
			UTIL	STBG						\$ 635,000	\$ 635,000					\$1,270,000
			CON	STBG								\$ 8,800,000	\$ 8,800,000	\$ 8,800,000		\$26,400,000
B-5997	SR 1399 (Zack's Mill Road)	Replace bridge 500277 over Polecat Branch. <b>Project added at request of Structures Management Unit.</b>														

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			Phase	Source	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Total (100%)
P-5739	CSX S Line	SR 1415 (West Maynard Road) in Cary. Construct grade separation and close crossing 643400U. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
U-6101	I-40/I-87/I-440	US 1/US 64, I-40 from SR 1728 (Wade Ave) to NC 42, I-440, I-87 from I-40 to I-540 US 1 from NC 540 to I-40, convert facilities to managed freeways, to include ramp metering. <b>Programmed for planning and environmental study only to expedite delivery of new</b>													
B-5326	SR 2555 (Raynor Road)	Replace bridge 910247 over White Oak Creek in Garner. <b>Cost increase exceeding \$2 million and 25% thresholds.</b>	ROW	STPOFF	\$ 355,000										\$ 355,000
			UTIL	STPOFF	\$ 47,000									\$ 47,000	
			CON	STPOFF		\$ 4,900,000								\$ 4,900,000	
U-4437	NC 54 (Hillsborough St)	SR 1664/SR3074 (Blue Ridge Road) in vicinity of NC Railroad (CSX Corporation and Norfolk Southern) in Raleigh. Construct grade separations and access road between NC 54 and SR 1664/SR 3074. <b>Apply TIGER Grant Funds; cost increase exceeding \$2 million and 24% thresholds.</b>	ROW	STBG	\$ 13,214,000									\$ 13,214,000	
			UTIL	STBG	\$ 1,500,000										\$ 1,500,000
			CON	DP	\$ 19,900,000										\$ 19,900,000
				STBG	\$ 32,043,000										\$ 32,043,000
U-5890	US 401/ NC 42/ NC 55	SR 2768/SR 5056 (North Judd Parkway) to NC 42 / NC 55. Access management improvements. <b>Cost increase exceeding \$2 million and 25% thresholds.</b>	ROW	T						\$ 4,889,000					\$ 4,889,000
			UTIL	T						\$ 587,000					\$ 587,000
			CON	T								\$ 7,024,000			\$ 7,024,000
I-5995	I-40	East of NC 147 to SR 3015 (Airport Blvd). Pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>	CON	NHPIM		\$ 5,272,000									\$ 5,272,000
I-5996	I-40	SR 1002 (Aviation Pkwy) in Cary to SR 1728 (Wade Ave) to SR 2000 (Wake Forest Road) in Raleigh, pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>	CON	NHPIM						\$ 6,180,000					\$ 6,180,000
I-5997	I-440/US 1	SR 1728 (Wade Ave) to SR 2000 (Wake Forest Road) in Raleigh, pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>	CON	NHPIM				\$ 11,122,000							\$ 11,122,000
I-5998	I-540	I-40 in Durham to US 70 in Raleigh. Pavement rehanilitation. <b>Add new project based on interstate maintenance prioritization process.</b>	CON	NHPIM						\$ 3,800,000					\$ 3,800,000
I-5999	I-540	US 70 (Glenwood Ave) to US 1 in Raleigh. Pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>	CON	NHPIM						\$ 10,400,000					\$ 10,400,000
I-6000	I-540	I-40 in Durham to US 1 in Raleigh. Bridge preservation/rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>	CON	NHPIM						\$ 4,541,000					\$ 4,541,000
I-6001	I-87/ Future I-87/ US 64/US 264	I-540 in Knightdale to Nash County Line, pavement rehabilitation. <b>Add new project based on interstate maintenance prioritization process.</b>	CON	NHPIM							\$ 14,000,000				\$ 14,000,000
B-5339	SR 1544 (Guy Road)	Replace bridge 420233 over Black River tributary. <b>Accelerate construction from FY2019 to FY2018.</b>	ROW	STBGOFF	\$ 80,000										\$ 80,000
			CON	STBGOFF	\$ 770,000									\$ 770,000	
B-5414	SR 1234 (Leaflet Church Rd)	Replace bridge 420195 over branch of Upper Little Rier. <b>Accelerate construction from FY2019 to FY 2018</b>	ROW	STBGOFF	\$ 50,000										\$ 50,000
			CON	STBGOFF	\$ 525,000									\$ 525,000	
C-5604	Various	Various projects to improve congestions and air quality in the Capital Area MPO. <b>Add engineering, ROW, CON, operations, and implementation in FY 20 not previously programmed, at request of NCDOT Transportation Planning Division.</b>	PE	CMAQ	\$ 317,000	\$ 646,000	\$ 317,000								\$ 1,280,000
				L	\$ 79,000	\$ 161,000	\$ 79,000								\$ 319,000
			ROW	CMAQ	\$ 317,000	\$ 646,000	\$ 317,000								\$ 1,280,000
				L	\$ 79,000	\$ 161,000	\$ 79,000								\$ 319,000
			CON	CMAQ	\$ 1,902,000	\$ 3,874,000	\$ 1,902,000								\$ 7,678,000
				STBGDA	\$ 1,425,000										\$ 1,425,000
				L	\$ 1,188,000	\$ 968,000	\$ 1,188,000								\$ 3,344,000
			mplementation	CMAQ	\$ 317,000	\$ 646,000	\$ 317,000								\$ 1,280,000
				L	\$ 79,000	\$ 161,000	\$ 79,000								\$ 319,000
			Operations	CMAQ	\$ 317,000	\$ 646,000	\$ 317,000								\$ 1,280,000
				L	\$ 79,000	\$ 161,000	\$ 79,000								\$ 319,000
I-4739	I-40	Access improvements in the vicinity of existing I-40/NC 42 interchange (Exit 312). <b>Cost increase threshold exceeding \$2 million and 25% thresholds.</b>	ROW	NHP	\$ 26,950,000										\$ 26,950,000
			UTIL	NHP	\$ 3,150,000										\$ 3,150,000
			CON	NHP	\$ 4,226,000	\$ 40,137,000	\$ 40,137,000							\$ 84,500,000	
I-5708	I-440/ US 1	SR 2000 (Wake Forest Road) in Raleigh. Interchange improvements. <b>To allow additional time for engineering, delay ROW from FY18 to FY19.</b>	ROW	NHP		\$ 14,806,000									\$ 14,806,000
			UTIL	NHP		\$ 649,000									\$ 649,000
			CON	NHP			\$ 460,000								\$ 460,000
P-5707	CSX S Line	Construct grade separation at Rogers Road extension crossing (633905Y) in Wake Forest. <b>Accelerate construction from FY20 to FY19 at the request of NCDOT Rail Division.</b>	ROW	NHP	\$ 1,890,000										\$ 1,890,000
			CON	NHP		\$ 9,000,000									\$ 9,000,000
P-5715	CSX	Crossing 630607N at New Hope Church Road in Raleigh, construct grade separation. <b>Accelerate ROW from FY19 to FY18 and CON from FY21 to FY19 at the request of NCDOT Rail Division.</b>	ROW	T	\$ 3,300,000										\$ 3,300,000
			CON	T		\$ 10,165,000									\$ 10,165,000
				O		\$ 535,000									\$ 535,000
R-2814D	US-401	SR 1103 (Flat Rock Church Road/Clifton Pond Road) to SR 1700 (Fox Park Road) south of Louisburg. <b>Cost increase exceeding \$2 million and 25% thresholds.</b>	ROW	STBG					\$ 2,916,000						\$ 2,916,000
			UTIL	STBG					\$ 1,270,000						\$ 1,270,000
			CON	STBG							\$ 12,000,000	\$ 12,000,000	\$ 12,000,000	\$ 12,000,000	\$ 48,000,000
B-5997	SR 1399 (Zack's Mill Road)	Replace bridge 500277 over Polecat Branch. <b>Project added at request of Structures Management Unit.</b>	ROW	STBGOFF		\$ 53,000									\$ 53,000
			CON	STBGOFF		\$ 525,000									\$ 525,000



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ID	Project	Description	As Currently Programmed													
			Phase	Source	Prior Years	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Future Year	Total (100%)
B-6003	SR 1609 Baptist Church Rd	Replace bridge 340078 over Tar River. <b>Project added at request of NCDOT Structures Management Unit.</b>														
B-5684	US-401 (Capital Blvd)	Replace bridge 910146 over Crabtree Creek in Raleigh. <b>Accelerate ROW from FY2024 to FY2020 and CON from FY2025 to FY2021. Project to be combined with B-5680 for letting.</b>	ROW CON	NHPB NHPB								\$ 430,000	\$ 8,607,000			\$430,000 \$8,607,000
TP-4903B	Wake Transit Plan Implementation- Planning- GoRaleigh	Western Blvd. Corridor Study. <b>Add project to the TIP based on FY2019 Wake Transit Work Plan.</b>														
P-5719C	NCRRL	Purchase and refurbish railcars for Piedmont Service expasion. Cost increase exceeding \$2 million and 25% thresholds. <b>Update project description and create additional project break at the request of NCDOT Rail Division. CAMPO portion in P-5719C.</b>	CON	T		\$ 18,000,000										\$ 18,000,000
P-5743	NC/NCRR H Line	Construct grade separation at Shotwell Road. Close existing at-grade crossing in Clayton. <b>Programmed for Planning and Environmental study only to expedite delivery of new STI project.</b>														
R-5887	US 64, NC 751	Convert at-grade intersection to interchange. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
U-6099	SR 1004 (East Garner Road) to I-40 in Garner	Widen roadway south of SR 2585 (Wilmington Road) to I-40, including access point improvements and construct improvements at SR 1004 intersection and I-40 Interchange. <b>Project added under STIP Economic Development Program.</b>														
U-6112	US-401	SR 1010 (Ten-Ted Road), Convert existing signalized intersection to square-loop interchange. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
U-6113	US 70 business	Greenfield Parkway to NC 42, upgrade roadway to superstreet. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
U-6116	US 401	SR 1375 (Simpkins Road) to SR 2359 (Mechanical Blvd) in Garner. Widen to 6 lanes and convert to superstreet. <b>Programmed for planning and environmental study only to expedite delivery of new STI project</b>														
U-6117	Apex Townwide signal system	Upgrade existing infrastructure and install new fiber, controllers, signals, and other equipment as necessary. <b>Programmed for planning and environmental study only to expedite delivery of new STI project</b>														
U-6119	Raleigh Citywide signal system	Upgrade software for existing ITS system. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>														
B-5318	SR 2044 (Ligon Mill Road)	Replace Bridge 910126 over Smith Creek in Wake Forest. <b>To allow additional time for planning and design, delay ROW from FY18 to FY19 and CON from FY19 to FY20.</b>	ROW UTIL CON	STBGOFF STBGOFF STBGOFF		\$ 180,000	\$ 1,124,000 \$ 3,300,000									\$ 180,000 \$ 1,124,000 \$ 3,300,000
P-5707	CSX S Line	Construct grade separation at Rogers Road extension crossing (633905Y) in Wake Forest. <b>Cost increase exceeding \$2 million and 25% thresholds.</b>	ROW CON	T T		\$ 1,890,000		\$ 9,000,000								\$ 1,890,000 \$ 9,000,000
R-5785	ADA Intersection Upgrades	Division 5 Program to upgrade intersections to comply with the Americans with Disabilities Act (ADA) using Transportation Alternatives (TA) Funds. <b>Add CON funding to FY2019 not previously programmed.</b>	CON	TAP O		\$ 800,000 \$ 200,000										\$ 800,000 \$ 200,000
U-5302	US 401	Soth of SR 1006 (Old Stage Road) to South of SR 2538 (Mechanical Blvd) / Garner Station Blvd. in Garner. Convert to superstreet. <b>Project to utilize BUILD NC Bonds.</b>	ROW CON	T T			\$ 850,000	\$ 2,100,000								\$ 850,000 \$ 2,100,000
U-5747B	NC 54	SR 1635 (McCrimmon Pkwy) in Morrisville. Convert at-grade intersection to grade separation of North Carolina railroads. <b>Project to utilize BUILD NC Bonds.</b>	ROW UTIL CON	T T T			\$ 7,800,000 \$ 500,000									\$ 7,800,000 \$ 500,000 \$ 12,402,000
Pending	GoRaleigh	Capital cost of Contracting. <b>Add project to the FY2018-2027 TIP.</b>														
U-5748	US-401	SR 2044 (Ligon Mill Rd) / SR 2224 (Mitchell Mill Rd) in Raleigh. Convert at-grade intersection to interchance. <b>Project to utilize BUILD NC Bonds.</b>	ROW UTIL CON	T T T				\$ 17,465,000 \$ 275,000	\$ 17,465,000 \$ 275,000							\$ 34,930,000 \$ 550,000
U-5750	NC 54	NC 540 to Perimeter Park Drive in Morrisville. Add lanes. <b>Project to utilize BUILD NC Bonds.</b>	ROW UTIL CON	T T T					\$ 7,500,000	\$ 7,500,000						\$ 9,000,000 \$ 236,000 \$ 15,000,000
U-5827	SR 1632 (Louis Stephens Road)	Poplar Pike Lane in Morrisville to SR 2123 (Little Dr) in Research Triangle Park. Construct Roadway on new location. <b>Project to utilize Build NC Bonds.</b>	ROW UTIL CON	T T T		\$ 160,000 \$ 19,000										\$ 160,000 \$ 19,000 \$ 2,577,000

FY 2018-2027 Transportation Improvement Program - Amendment #5

ID	Project	Description	TIP Amendment #5												
			Phase	Source	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Total (100%)
B-6003	SR 1609 Baptist Church Rd	Replace bridge 340078 over Tar River. <b>Project added at request of NCDOT Structures Management Unit.</b>	ROW	STBG OFF			\$ 405,000							\$ 405,000	
			CON	STBG OFF				\$ 4,050,000						\$ 4,050,000	
B-5684	US-401 (Capital Blvd)	Replace bridge 910146 over Crabtree Creek in Raleigh. <b>Accelerate ROW from FY2024 to FY2020 and CON from FY2025 to FY2021. Project to be combined with B-5680 for letting.</b>	ROW	NHPB			\$ 430,000							\$ 430,000	
			CON	NHPB				\$ 8,607,000						\$ 8,607,000	
TP-4903B	Wake Transit Plan Implementation- Planning- GoRaleigh	Western Blvd. Corridor Study. <b>Add project to the TIP based on FY2019 Wake Transit Work Plan.</b>	Planning	L		\$ 350,000								\$ 350,000	
			CON	T		\$ 35,640,000								\$ 35,640,000	
P-5719C	NCRR.	Purchase and refurbish railcars for Piedmont Service expansion. Cost increase exceeding \$2 million and 25% thresholds. <b>Update project description and create additional project break at the request of NCDOT Rail Division. CAMPO portion in P-5719C.</b>													
P-5743	NC/NCRR H Line	Construct grade separation at Shotwell Road. Close existing at-grade crossing in Clayton. <b>Programmed for Planning and Environmental study only to expedite delivery of new STI project.</b>													
R-5887	US 64, NC 751	Convert at-grade intersection to interchange. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
U-6099	SR 1004 (East Garner Road) to I-40 in Garner	Widen roadway south of SR 2585 (Wilmington Road) to I-40, including access point improvements and construct improvements at SR 1004 intersection and I-40 Interchange. <b>Project added under STIP Economic Development Program.</b>	CON	T		\$ 4,500,000								\$ 4,500,000	
				L		\$ 600,000								\$ 600,000	
U-6112	US-401	SR 1010 (Ten-Ted Road), Convert existing signalized intersection to square-loop interchange. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
U-6113	US 70 business	Greenfield Parkway to NC 42, upgrade roadway to superstreet. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
U-6116	US 401	SR 1375 (Simpkins Road) to SR 2359 (Mechanical Blvd) in Garner. Widen to 6 lanes and convert to superstreet. <b>Programmed for planning and environmental study only to expedite delivery of new STI project</b>													
U-6117	Apex Townwide signal system	Upgrade existing infrastructure and install new fiber, controllers, signals, and other equipment as necessary. <b>Programmed for planning and environmental study only to expedite delivery of new STI project</b>													
U-6119	Raleigh Citywide signal system	Upgrade software for existing ITS system. <b>Programmed for planning and environmental study only to expedite delivery of new STI project.</b>													
B-5318	SR 2044 (Ligon Mill Road)	Replace Bridge 910126 over Smith Creek in Wake Forest. <b>To allow additional time for planning and design, delay ROW from FY18 to FY19 and CON from FY19 to FY20.</b>	ROW	STBG OFF		\$ 180,000								\$ 180,000	
			UTIL	STBG OFF		\$ 1,124,000								\$ 1,124,000	
P-5707	CSX S Line	Construct grade separation at Rogers Road extension crossing (633905Y) in Wake Forest. <b>Cost increase exceeding \$2 million and 25% thresholds.</b>	CON	STBG OFF		\$ 3,300,000								\$ 3,300,000	
			ROQ	T	\$ 1,800,000									\$ 1,800,000	
R-5785	ADA Intersection Upgrades	Division 5 Program to upgrade intersections to comply with the Americans with Disabilities Act (ADA) using Transportation Alternatives (TA) Funds. <b>Add CON funding to FY2019 not previously programmed.</b>	CON	T		\$ 11,800,000	\$ 11,800,000							\$ 23,600,000	
			CON	T		\$ 800,000	\$ 3,200,000							\$ 4,000,000	
U-5302	US 401	Soth of SR 1006 (Old Stage Road) to South of SR 2538 (Mechanical Blvd) / Garner Station Blvd. in Garner. Convert to superstreet. <b>Project to utilize BUILD NC Bonds.</b>		O	\$ 200,000	\$ 800,000								\$ 1,000,000	
			ROW	T		\$ 850,000								\$ 850,000	
U-5747B	NC 54	SR 1635 (McCrimmon Pkwy) in Morrisville. Convert at-grade intersection to grade separation of North Carolina railroads. <b>Project to utilize BUILD NC Bonds.</b>	BUILD NC												
			CON	T			\$ 1,030,000	\$ 1,030,000	\$ 1,030,000	\$ 1,030,000	\$ 1,030,000	\$ 1,030,000	\$ 1,030,000	\$ 8,240,000	
Pending	GoRaleigh	Capital cost of Contracting. <b>Add project to the FY2018-2027 TIP.</b>	CON	T		\$ 1,200,000								\$ 1,200,000	
			BUILD NC												
U-5748	US-401	SR 2044 (Ligon Mill Rd) / SR 2224 (Mitchell Mill Rd) in Raleigh. Convert at-grade intersection to interchance. <b>Project to utilize BUILD NC Bonds.</b>	ROW	T		\$ 515,000	\$ 515,000	\$ 515,000	\$ 515,000	\$ 515,000	\$ 515,000	\$ 515,000	\$ 515,000	\$ 4,635,000	
			ROW	T		\$ 1,800,000								\$ 1,800,000	
U-5750	NC 54	NC 540 to Perimeter Park Drive in Morrisville. Add lanes. <b>Project to utilize BUILD NC Bonds.</b>	UTIL	T		\$ 500,000								\$ 500,000	
			CON	T				\$ 4,134,000	\$ 4,134,000	\$ 4,134,000				\$ 12,402,000	
U-5827	SR 1632 (Louis Stephens Road)	Poplar Pike Lane in Morrisville to SR 2123 (Little Dr) in Research Triangle Park. Construct Roadway on new location. <b>Project to utilize Build NC Bonds.</b>	Capital	FUZ	\$ 2,300,000	\$ 2,300,000								\$ 4,600,000	
				L	\$ 575,000	\$ 575,000								\$ 1,150,000	
U-5748	US-401	SR 2044 (Ligon Mill Rd) / SR 2224 (Mitchell Mill Rd) in Raleigh. Convert at-grade intersection to interchance. <b>Project to utilize BUILD NC Bonds.</b>	ROW	T			\$ 12,465,000	\$ 12,465,000						\$ 24,930,000	
			UTIL	T			\$ 275,000	\$ 275,000						\$ 550,000	
U-5750	NC 54	NC 540 to Perimeter Park Drive in Morrisville. Add lanes. <b>Project to utilize BUILD NC Bonds.</b>	BUILD NC												
			CON	T			\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 6,864,000
U-5750	NC 54	NC 540 to Perimeter Park Drive in Morrisville. Add lanes. <b>Project to utilize BUILD NC Bonds.</b>	CON	T			\$ 9,280,000	\$ 9,280,000	\$ 9,280,000					\$ 27,840,000	
			BUILD NC												
U-5827	SR 1632 (Louis Stephens Road)	Poplar Pike Lane in Morrisville to SR 2123 (Little Dr) in Research Triangle Park. Construct Roadway on new location. <b>Project to utilize Build NC Bonds.</b>	ROW	T		\$ 601,000	\$ 601,000	\$ 601,000	\$ 601,000	\$ 601,000	\$ 601,000	\$ 601,000	\$ 601,000	\$ 5,409,000	
			ROW	T		\$ 2,000,000								\$ 2,000,000	
U-5750	NC 54	NC 540 to Perimeter Park Drive in Morrisville. Add lanes. <b>Project to utilize BUILD NC Bonds.</b>	UTIL	T		\$ 236,000								\$ 236,000	
			CON	T				\$ 8,450,000	\$ 8,450,000					\$ 16,900,000	
U-5827	SR 1632 (Louis Stephens Road)	Poplar Pike Lane in Morrisville to SR 2123 (Little Dr) in Research Triangle Park. Construct Roadway on new location. <b>Project to utilize Build NC Bonds.</b>	ROW	T	\$ 160,000									\$ 160,000	
			UTIL	T	\$ 19,000									\$ 19,000	
U-5750	NC 54	NC 540 to Perimeter Park Drive in Morrisville. Add lanes. <b>Project to utilize BUILD NC Bonds.</b>	BUILD NC												
			CON	T		\$ 86,000	\$ 86,000	\$ 86,000	\$ 86,000	\$ 86,000	\$ 86,000	\$ 86,000	\$ 86,000	\$ 774,000	
U-5827	SR 1632 (Louis Stephens Road)	Poplar Pike Lane in Morrisville to SR 2123 (Little Dr) in Research Triangle Park. Construct Roadway on new location. <b>Project to utilize Build NC Bonds.</b>	CON	T		\$ 1,577,000								\$ 1,577,000	

FY 2018-2027 Transportation Improvement Program - Amendment #5

ID	Project	Description	As Currently Programmed													
			Phase	Source	Prior Years	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Future Year	Total (100%)
Pending	GoRaleigh Bus Rapid Transit	Alternatives refinement and project development. Add regionally-significant project to FY2018-2027 TIP.														

FY 2018-2027 Transportation Improvement Program - Amendment #5

ID	Project	Description	TIP Amendment #5												
			Phase	Source	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Total (100%)
Pending	GoRaleigh Bus Rapid Transit	Alternatives refinement and project development. Add regionally-significant project to FY2018-2027 TIP.	Planning	L		\$ 1,360,000	\$ 2,955,545								\$ 4,315,545