

RESOLUTION ADOPTING AMENDMENT #4 TO THE CAPITAL AREA MPO FY 2020-2029 TRANSPORTATION IMPROVEMENT PROGRAM

A motion was made by Executive Board Member VIVIAN Joses and seconded by Executive Board Member Will Allen Tor the adoption of the following resolution, and upon being put to a vote, was duly adopted.

WHEREAS, the following amendment has been proposed:

(see Exhibit attached hereto)

WHEREAS, the Executive Board has found that the proposed amendment conforms to the purpose of the North Carolina State Implementation Plan for maintaining the National Ambient Air Quality Standards in accordance with 40 CRF 51 and 93;

WHEREAS, the Transportation Plan has a planning horizon year of 2045, and meets all the requirements in 23 CFR 450;

WHEREAS, the FY 2020-2029 Capital Area MPO Transportation Improvement Program is a subset of the currently conforming 2045 Metropolitan Transportation Plan;

NOW THEREFORE, be it resolved by the Capital Area MPO Executive Board that the FY 2020-2029 Transportation Improvement Program for the Capital Area Metropolitan Planning Organization be amended as listed above on this the 21st day of April, 2021.

Sig Hutchinson, Chair

Capital Area MPO Executive Board

Chris Lukasina, Executive Director

Capital Area MPO

County of Wake State of North Carolina

I, Sara L. Akimoto, a Notary Public for said County and State, do hereby certify that on this, the 21st day of April, 2021, personally appeared before me, Sig Hutchinson, known to me by his presence and acknowledged the due execution of the foregoing RESOLUTION ADOPTING AMENDMENT #4 TO THE CAPITAL AREA MPO FY 2020-2029 TRANSPORTATION IMPROVEMENT PROGRAM.



Witness my hand and official seal, this the 21st day of April, 2021.

My Commission of the public pure National Section of the public pure National 16th, 2024

Sara L. Akimoto, Notary Public

			2020-20	ZJ IIGI	naportatio	,,, ,,,,	vement Pro	giaiii - Aiii		ly Programmed						
ID	Project	Description	Phase	Source	Prior Years	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Future Year	Total (100%)
TU-0006	GoTriangle Wake County Bus Plan Update	GoTriangle planning activities to update Wake County Bus Plan. Add project to TIP based on updated Wake Transit Work Plan.														
TU-0007	CAMPO Bus Rapid Extension Study	Major investment study/alternatives analysis for Bus Rapid Transit Extension to Research Triangle Park and Clayton. Add project to TIP based on updated Wake Transit Work Plan.														
TM-0035	Morrisville Node- Based Smart Shuttle Wake Coordinated	Operating assistance for Town of Morrisville Node-Based Smart Shuttle. Add project to TIP based on updated Wake Transit Work Plan.														
TN-6116	Transit Services (Wake County)	Wake Coordinated Transit Services (Wake County) Operating assistance. Updated funding based on updated Wake Transit Work Plan.	Operating	L		\$ 365,	362 \$ 472,62	2 \$ 559,512	2 \$ 644,42	25 \$ 725,36 ⁻	\$ 800,320	\$ 868,303	\$ 929,310	\$ 952,543	\$ 976,356	
TO-5128	GoRaleigh Operating Assistance	GoRaleigh Operating Assistance. Update funding based on updated	Operating	L FUZ		\$ 15,408, \$ 2,300,	550 \$ 17,729,97	9 \$ 18,171,180	21,620,50	08 \$28,586,738	3 \$33,478,745	\$40,632,903	\$50,538,716	\$51,802,184	\$ 53,097,238	
		Wake Transit Work Plan and GoRaleigh request.		SMAP		\$ 2,300,		0 \$ 300,000)							
TO-5129	GoCary Operating	GoCary operating assistance. Update funding based on updated Wake	Operating	L FUZ		\$ 50,	722 \$ 2,501,34 000 \$ 50,00	0				\$ 4,053,783	\$ 6,158,875	\$ 6,311,597	\$ 6,468,137	
	Assistance GoTriangle	Transit Work Plan.	Operating	SMAP			000 \$ 220,00 674 \$ 4,808,15			00 \$ 230,000		\$ 9 918 283	\$10 156 240	\$10 420 396	\$ 10,680,906	
TO-5131	Operating Assistance	Operating assistance for GoTriangle. Update funding based on updated Wake Transit Work Plan.	- Forming	SMAP			000 \$ 1,952,00		0 \$ 1,952,00		\$ 3,004,001	\$ 3,310,200	\$. 3, 100,£40	Ţ.5, 120,000	.0,000,000	
			Proj Dvlmt/Final Design	L		\$ 631,	455 \$ 1,953,00	0								
TP-5160			Right of Way	/ L			\$ 44,00	0								
	CaB-I-I-I-	Construction of Due David Transit and a standard Due David Transit	Vehicles	L			\$ 4,024,00	0								
	GoRaleigh Bus Rapid Transit- New	Construction of Bus Rapid Transit route along New Bern Avenue Corridor. Add funding based on federal funding award and updated budget	Construction	L			\$ 25,460,00	0								
	Bern Corridor	numbers.		FUZ		\$ 1,750,	000									
TA-5140	GoRaleigh Bus Replacements	GoRaleigh bus replacements. Add funding at the request of GoRaleigh.	Capital	State Local		\$ 270, \$ 270,	000									
TA-5116	GoRaleigh Park and Ride		Capital	FUZ	\$ 455,000	9,									. 4.750.000	
TD-5307	GoRaleigh East Raleigh Community Transit Center	Construction of GoRaleigh Community Transit Center in East Raleigh. Update funding at the request of GoRaleigh.	Capital	State Other											\$ 1,750,000 \$ 1,750,000	
			Planning Right of Way Design	L / L			\$ 350,00 \$ 2,750,00	0								
TD-5308	GoRaleigh Coordinated ADA Facility	Construct GoRaleigh Coordinated ADA Facility. Update funding at the request of GoRaleigh.	Construction					\$ 3,000,000								
TD-5317	GoRaleigh Park & Ride	GoRaleigh construction of Park & Ride in Rolesville. Update funding at the request of GoRaleigh.				\$ 55,										
TG-4792B	GoRaleigh ADA Paratransit Service	GoRaleigh ADA Paratransit Service. Update funding at the request of GoRaleigh.		FUZ L		\$ 2,500, \$ 2,500,	000									
TG-6791	GoRaleigh Capital Cost of Contracting	GoRaleigh Capital Cost of Contracting. Updated funding at the request of GoRaleigh.		FUZ L		\$ 2,000, \$ 500,										
TP-5100B	GoRaleigh Planning Assistance	GoRaleigh Planning Assistance. Update funding at the request of GoRaleigh.	Planning	FUZ		\$ 1,000, \$ 250,	000									
TQ-6953	GoRaleigh 5310 Operating	GoRaleigh 5310 Operating. Update funding at the request of GoRaleigh.	Operating	FEPD		\$ 300,	000									
TQ-9037	GoRaleigh 5310 Capital & Admin	GoRaleigh 5310 Capital & Administration. Update funding at the request	Capital	FEPD		\$ 300, \$ 375,	000									
TS-5104	GoRaleigh Safety & Security	of GoRaleigh. GoRaleigh Safety & Security 1% minimum required set-aside. Update	Capital	FUZ		\$ 94, \$ 174,										
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ID				1						endment #4						
	Project	Description	Phase	Source	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	POST YR	Total (100%)
	GoTriangle Wake											1				
TU-0006	County Bus Plan Update	GoTriangle planning activities to update Wake County Bus Plan. Add project to TIP based on updated Wake Transit Work Plan.	Planning	Local		\$ 100,000	\$ 550,000									
TU-0007	CAMPO Bus Rapid Extension Study	Major investment study/alternatives analysis for Bus Rapid Transit Extension to Research Triangle Park and Clayton. Add project to TIP based on updated Wake Transit Work Plan.	Planning	Local		\$ 150,000	\$ 280,000									
TM-0035		Operating assistance for Town of Morrisville Node-Based Smart Shuttle. Add project to TIP based on updated Wake Transit Work Plan.	Operating	Local		\$ 66,000	\$ 677,600 \$	694,540	\$ 711,904	\$ 729,70	01 \$ 747,944	\$ 766,642	\$ 785,808 \$	805,453		
TN-6116	Wake Coordinated Transit Services (Wake County) Operating	Wake Coordinated Transit Services (Wake County) Operating assistance.	Operating	Local												
	Assistance	Updated funding based on updated Wake Transit Work Plan.	0 "			\$ 472,621	\$ 559,512 \$	644,425	\$ 725,361	\$ 800,32	20 \$ 868,303	\$ 929,310	\$ 1,928,899			
TO-5128	GoRaleigh Operating Assistance	GoRaleigh Operating Assistance. Update funding based on updated	Operating	Local FUZ		\$ 12,313,458 \$ 8,500,000		14,360,943	\$ 14,831,828	\$ 14,699,58	\$18,311,512	\$22,798,731	\$ 25,871,391 \$	27,626,471		
		Wake Transit Work Plan and GoRaleigh request.		SMAP	\$ 300,000	\$ 3,000,000	\$ 3,000,000									
TO-5129	GoCary Operating	GoCary operating assistance. Update funding based on updated Wake	Operating	Local FUZ	\$ 50,000		\$ 2,200,974 \$		7. 7.	\$ 4,120,54	\$ 4,222,307	\$ 4,326,615	\$ 4,433,531 \$	4,543,119		
	Assistance GoTriangle	Transit Work Plan.	On !!	SMAP	\$ 210,000			230,000 5,114,771		6 0004.1	11 \$ 7,017,574	ф 4 005 044	6 0 504 050 6	3.254.408		
TO-5131	Operating Assistance	Operating assistance for GoTriangle. Update funding based on updated Wake Transit Work Plan.	Operating	Local SMAP	\$ 1,952,000	\$ 3,655,530 \$ 1,952,000			\$ 5,258,017	\$ 6,831,4	11 \$ 7,017,574	\$ 4,805,941	\$ 2,501,058 \$	3,254,408		
			Proj	ENIC												
			Dvlmt/Final Design	FNS	004.455	4 4 0 5 0 0 0 0	\$ 6,600,000									<u> </u>
TP-5160	_		Right of Way	L FNS	\$ 631,455	\$ 1,953,000	\$ 47,000									
			,	L		\$ 48,000	\$ 4,335,000									
	GoRaleigh Bus	Construction of Bus Rapid Transit route along New Bern Avenue Corridor.	Vehicles	FNS L		\$ 4,409,000	\$ 4,335,000									
	Rapid Transit- New Bern Corridor	Add funding based on federal funding award and updated budget numbers.	Construction	FNS		\$ 1,150,000 \$ 24,993,000	\$ 24,018,000									
		numbers.	Capital	FUZ	\$ 1,750,000	\$ 1,750,000	\$ 1,750,000									
TA-5140	GoRaleigh Bus Replacements			State	\$ 250,000	\$ 250,000	\$ 250,000									
	GoRaleigh Park and	GoRaleigh bus replacements. Add funding at the request of GoRaleigh. GoRaleigh construction of Park and Ride at Poole Road. Update funding at		Local	\$ 250,000	\$ 250,000	\$ 250,000									
TA-5116	Ride	the request of GoRaleigh.	Capital	FUZ		\$ 455,000										
	CoBoloigh Foot		Planning	Local		\$ 850,000										
TD-5307	GoRaleigh East Raleigh Community Transit Center	Construction of GoRaleigh Community Transit Center in East Raleigh. Update funding at the request of GoRaleigh.	ROW	Local		\$ 1,500,000										
			Construction	State		\$ 3,157,530							\$ \$	875,000 875,000	\$ 875,000 \$ 875,000	
			Planning	L		\$ 350,000							1 4	070,000	Ψ 013,000	
			Right of Way	L L		\$ 2,750,000	\$ 3,000,000									
	GoRaleigh	1	Design				Ψ 3,000,000									
TD-5308	Coordinated ADA Facility	Construct GoRaleigh Coordinated ADA Facility. Update funding at the request of GoRaleigh.	Construction			\$ 55,000	\$ 14,800,000									
TD-5317	GoRaleigh Park & Ride	GoRaleigh construction of Park & Ride in Rolesville. Update funding at the request of GoRaleigh.	Construction	L		\$ 55,000										
		·	Operating	FUZ	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000									
TG-4792B	GoRaleigh ADA Paratransit Service	GoRaleigh ADA Paratransit Service. Update funding at the request of GoRaleigh.	Operation	L		\$ 2,500,000	\$ 2,500,000									
TG-6791	GoRaleigh Capital	GoRaleigh Capital Cost of Contracting. Updated funding at the request of	Operating	FUZ L		\$ 2,000,000										
TP-5100B	Cost of Contracting GoRaleigh Planning		Planning	FUZ	\$ 500,000											
17-51008	Assistance	GoRaleigh Planning Assistance. Update funding at the request of GoRaleigh.	Fiailillig	L	\$ 1,000,000 \$ 250,000	\$ 1,290,000 \$ 323,000										
TQ-6953	GoRaleigh 5310 Operating	GoRaleigh 5310 Operating. Update funding at the request of GoRaleigh.	Operating	FEPD	\$ 300,000											
				L	\$ 300,000											
TQ-9037	GoRaleigh 5310 Capital & Admin	GoRaleigh 5310 Capital & Administration. Update funding at the request of GoRaleigh.	Capital	FEPD	\$ 375,000 \$ 94,000											
TO 5404	GoRaleigh Safety &		Conital	EI 17	ψ 34,000	Ψ 34,000										
TS-5104	Security	GoRaleigh Safety & Security 1% minimum required set-aside. Update	Capital	FUZ	\$ 174,000	\$ 174,000	\$ 174,000									

5/17/2021

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ID	Project	Description	Phase	Source	Prior Years		FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Future Year	Total (100%)
\vdash	. roject	funding at the request of GoRaleigh.	riiase	L		\$	44,000	1 121	F122	F123	1-124	1 120	1 1 2 0	F14/	F140	i uture Tear	10tal (100%)
TG-0013	GoRaleigh Fixed	GoRaleigh fixed route preventative maintenance. Update funding at the	Capital	FUZ		\$ 3	3,560,000			1	 			 	 		
	Route Preventative	request of GoRaleigh.		L		\$	890,000										
TG-0015	GoRaleigh Capital	GoRaleigh capital projects (i.e. passenger amenities, pedestrian connections, facility maintenance, upgrades and upkeeps, etc.) Update	Capital	FUZ]	•	2 560 000	7	l		Ι [Ī	 	_	Ι]	
 	Projects	connections, facility maintenance, upgrades and upkeeps, etc.) Update funding at request of GoRaleigh.	Capital	L			2,560,000 640,000		ļ	-						L	
	GoRaleigh Access	and the second s	<u> </u>	† ·		-			 	<u> </u>				 		 	
TO-0002	ADA Paratransit								ļ ,					l I		ı	
<u> </u>	Facility	GoRaleigh Access/ADA Paratransit facility. Update funding at request of	Capital	FUZ			547,000			-				l		<u> </u>	-
 	 	GoRaleigh.	+	-	+	\$	137,000	-	ļ,	+	+	+	+			<u> </u>	
HL-0027	l j	l ,		 	+				 	+	+			<u> </u>		<u> </u>	
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	ļ į	l ,															
	Sunset Lake Road	Widen Sunset Lake Road from US 401 to Products Rd in Fuquay-Varina.															
—	Widening	Add FFY2022 LAPP Project.		 						 				<u> </u>		<u> </u>	
HL-0028	l j	l ,							١ ,							ı	
	1	l ,							<u> </u>					<u> </u>			
	l j	1															
 	US 401/Mill Creek	Improve intersection at US 401 and Mill Creek Road in Fuguay-Varina. Add		 	+	<u> </u>			<u> </u>	+			-		<u> </u>	<u> </u>	
 	Road	FFY2022 LAPP Project.		+	+				 					<u> </u>		 	
HL-0029	NC 55 Bypass	Widen the couthbound long of NO EE houses from Acc. 15		<u> </u>	1	<u> </u>				_				<u> </u>			
 	 	Widen the southbound lane of NC 55 bypass from Avent Ferry Road to Main Street. Add FFY2022 LAPP Project.	-	+	+				ļ	+	 		+			<u> </u>	
		·															
HL-0030	Holly Springs Road													·			
	at Earp Street	Intersection improvements at Holly Springs Road and Earp Street. Add turn lanes and sidewalk on northbound main street in Holly Springs. Add		 	-	<u> </u>				-				<u> </u>		<u> </u>	
		FFY2022 LAPP project.		 	+				 	+	+			<u> </u>		<u> </u>	
									<u> </u>								
HL-0031	l l	l ,]													
	Smithfield Road at	l ,							١ ,							ı	
	Poole Road	l ,		†	+	 			 	†	+			 	 	 	
	Intersection	Upgrade intersection at Smithfield Road to Poole Road in Wake County.															
 	Improvements	Add FFY2022 LAPP Project.	ROW	STBGDA	+	<u></u>		2,533,500	<u> </u>	 				<u> </u>		<u> </u>	
	l i	l ,	1.000	L	+			3,096,500 3,096,500	 	+ 1	+			<u> </u>		 	
U-6227	Carpenter Fire		Construction	STBGDA				,									
<u> </u>	Station	Add FFY2022 LAPP Funding.		L										I			
HL-0032	! <u> </u>	l ,		 	+				ļ,	+					<u> </u>	L	
3002	Lake Boone Trail	Lake Boone Trail complete streets improvements, including road diet from I-							<u> </u>					<u> </u>			
	Improvements	440 to Ridge Road. Add FFY2022 LAPP Funding.	<u> </u>	<u> </u>													
1	West Street Extension	Extend West Street in Raleigh from entrance to Raleigh Union Station to							١ ,							ı	
U-5521		West Cabarrus Street. Add FFY2022 LAPP Funding.		†	+	 			 	†	+			 	 	 	
Ш 0022	Airport Blvd	Extend Airport Blvd in Morrisville from Garden Square Lane to Church Street.		<u> </u>	1	<u> </u>				-		T					
HL-0033	Airport Blvd Extension	Extend Airport Bivd in Morrisville from Garden Square Lane to Church Street. Add FFY2022 LAPP Funding.		 	+	 		+	 	+	+			<u> </u>		<u> </u>	
DI acce	! <u> </u>	l ,		<u> </u>		\sqsubseteq											
BL-0022	Downtown Varina	l ,		 	+	<u> </u>			<u> </u>	+			-	<u> </u>	<u> </u>		
	Pedestrian	Pedestrian improvements in Downtown Fuquay-Varina to Fuquay-Varina		<u> </u>		<u> </u>			<u></u>			+		<u> </u>		<u> </u>	
	Improvements	High School. Add FFY2022 LAPP funding.															
	Holly Ridge Schools			<u> </u>		<u> </u>						T					
BL-0023	Pedestrian Safety Improvements	Pedestrian safety improvements on Holly Springs Road from Flint Point Lane to Middlecrest Way. Add FFY22 LAPP Funding.							١ ,	1				1		ı	
	eromenta								<u></u> ,							<u> </u>	
	! <u> </u>	1															
BL-0024	NW Cary Parkway	Complete sidewalk extensions on NW Cary Parkway and improve safety		 	+	<u></u>			<u> </u>					<u> </u>		<u> </u>	
 	NW Cary Parkway Sidewalk	complete sidewalk extensions on NW Cary Parkway and improve safety pedestrian crossings over Black Creek. Add FFY2022 LAPP Funding.		 	+	 			 	+				<u> </u>			
									<u> </u>								
1	l j	l ,		<u> </u>		\sqsubseteq											
BL-0025	l j	l ,		 	+	<u> </u>			<u> </u>	+			-	<u> </u>	<u> </u>		
1	Ronald Drive/ Forest			†	+	 			 	†	+			 	 	 	
1	Ridge Sidewalks	Raleigh. Add FFY2022 LAPP Funding.															
2 of 10																	

Ridge Sidewalks

Raleigh. Add FFY2022 LAPP Funding

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ID	Project	Description	Phase	Source	Prior Years	FY20	FY21	FY22	As Currently FY23	FY24	FY25	FY26	FY27	FY28	Futura Vaar	Total (100%)
	Froject	Description	Filase	Source	Prior rears	F120	FIZI	F122	F123	F124	F125	F120	F121	F120	Future Year	10tai (100%)
BL-0026	Louis Stephens Dr and O'Kelly Chapel	Construct greenway connection from Louis Stephens Dr to CSX Railroad.														
BL-0027	Rd Connection Crabtree Creek Greenway	Add FFY2022 LAPP Funding. Complete gap in Crabtree Creek Greenway from Lassiter Mill Road to Hertford Street in Raleigh. Add FFY2022 LAPP Funding.														
TL-0010	GoRaleigh Enhanced Transfer Points															
		on the state of th														
TL-0011																
	GoTriangle Downtown Apex															
	Transfer Points	Construct Downtown Apex Transfer Points. Add FFY2022 LAPP Funding.														
TO 2010	GoTriangle															
TC-0016	Improvements at															
	existing bus stops	GoTriangle Improvements at existing bus stops (amenities). Add FFY2022														
	(amenities)	LAPP Funding.														
TC-0017	GoTriangle															
	improvements at	O-Triangle Incomment of the Control														
	existing bus stops (accessibility)	GoTriangle Improvements at existing bus stops (accessibility). Add FFY2022 LAPP Funding.														
	(accessionity)	Construct phases 1, 2, and 5 of Black Creek Greenway from West Dynasty	Construction	TAANY	\$	4,000,000										
EB-5894	Black Creek	Drive to Old Reedy Creek Rd in Cary. To allow additional time for		L	\$	1,000,000										
TA-4903	Greenway Bus and Bus	planning and design, delay Construction to FY21. GoRaleigh Bus and Bus facilities. Add funding to FY22 at request of	Capital	FBUS			\$ 2,776,00	0								
1A-4903	Facilities	GoRaleigh.	Capitai	L			\$ 2,770,00									
P-2918	Piedmont Corridor	Train 74/75 operations between Charlotte and Raleigh, equipment and	Operating	CMAQ	\$186,000,000											
	Train 1-40 from Wake Co	capital yard maintenance. Add operations funding not previously Regional tier funding. Add two general purpose lanes in either direction.	Construction	L NHP	•	23,795,000										
I-5111(Reg)	line to NC 42	Project to utilize GARVEE funds.	Solisti uction	MIIF	Ψ	23,793,000										
I-511(SW)	I-40 from I-440/US 64		Construction	NHP	\$	108,398,000										
	to Johnston Co Line I-40 Access	Project to utilize GARVEE funds. Access improvements on I-40 near existing I-40/NC 42 interchange. Project	Construction	NHP	\$	40,137,000										
I-4739	Improvements	to Utilize GARVEE bonds.	Donou douon		•	10,107,000										
		NCDOT Multimodal Connected Vehicles pilot program. NC State Campus in														
HO-0001C		Raleigh. Before & after study, expansion & feasibility study. Project added at request of NCDOT Transportation Safety & Mobility Division to utilize														
	Connected Vehicles	Advanced Transportation and Congestion Management Technologies														
	Pilot	Deployment (ATCMTD) Program funds.														
		NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in														
HO-0001	Connected Vehicles	Raleigh. Project added at request of NCDOT Transportation Safety & Mobility Division to utilize Advanced Transportation and Congestion														
	Pilot	Management Technologies Deployment (ATCMTD) Program funds.														
		NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in Raleigh. Connected Vehicles infrastructure, traffic signal system														
HO-0001A		improvements, safety application, transit signal priority application, data														
		collection and management, eco driving application. Project added at request of NCDOT Transportation Safety & Mobility Division to utilize														
	Connected Vehicles	Advanced Transportation and Congestion Management Technologies														
	Pilot	Deployment (ATCMTD) Program funds.														
		NCDOT Multimodal Connected Vehicles pilot program. NC State Campus in														
HO-0001B		Raleigh. Grant Administration. Project added at request of NCDOT Transportation Safety & Mobility Division to utilize Advanced														
	Connected Vehicles	Transportation and Congestion Management Technologies Deployment														
	Pilot	(ATCMTD) Program funds.									A 0 115					
	_	Pavement renabilitation on 1-87/ 05 64/ 05 264 from 1-440 in Raieign to 1-	Construction	NHPM							\$ 8,145,000					
I-5944	Pavement Rehabilitation I-	540 in Knightdale. Update route designation and revise Eastern Terminus in coordination with I-6001 for consistency with pavement														
	87/US 64/US 264	type.														
		•	Construction	NHPM							\$ 7,000,000	\$ 7,000,000				
1.0004	Pavement	Pavement rehabilitation on Future I-87/US 64/US 264, from Rolesville Rd to														7
I-6001	Rehabilitation I- 87/Future I-87/US	Nash County Line. Update route designation and revise with Western Terminus in coordination with I-5944 for consistency and pavement														
	64/US 264	type.														
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Project Description Project Description Project Description Project Phase Source FY20 FY21 FY22 FY23 FY24 FY25 FY26 FY26 FY26 FY26 FY27 Project	727 FY28	FY29 POST YR Total (100)
BL-0026		TIZS POSTIK TOTAL (100
BL-0026 Louis Stephens Dr and O'Kelly Chapel Rd Connection Rd Connection BL-0027 Crabtree Creek Greenway Connection from Louis Stephens Dr to CSX Railroad. BL-0028 Greenway TL-0010 GoRaleigh Enhanced Transfer Points TL-0011 GoTriangle Downtown Apex Transfer Points Transfer Points Construct greenway connection from Louis Stephens Dr to CSX Railroad. L		
Rd Connection BL-0027 Crabtree Creek Greenway TL-0010 GoRaleigh Enhanced Transfer Points TL-0011 GoTriangle Downtown Apex Transfer Points Construct Downtown Apex Transfer Points. Add FFY2022 LAPP Funding. Construct Downtown Apex Transfer Points. Add FFY2022 LAPP Funding. Add FFY2022 LAPP Funding. Construction STBGDA S 1,182,300 Construction STBGDA S 506,700 Construction STBGDA S 196,800 PE STBGDA S 31,500 PE STBGDA S 31,500 Construction STBGDA S 31,500 PE STBGDA S 9,000 Construction STBGDA S 196,800 PE STBGDA S 1,182,300 Construction STBGDA S 196,800 PE STBGDA S 196,800 Construction STBGDA S 1,182,300 Construction STBGDA S 196,800 PE STBGDA S 1,182,300 Construction STBGDA S 1,26,000		
BL-0027 Crabtree Creek Greenway Complete gap in Crabtree Creek Greenway from Lassiter Mill Road to Hertford Street in Raleigh. Add FFY2022 LAPP Funding. TL-0010 GoRaleigh Enhanced Transfer Points Construct Enhanced Transfer Points. Add FFY2022 LAPP Funding. TL-0011 GoTriangle Downtown Apex Transfer Points Construct Downtown Apex Transfer Points. Add FFY2022 LAPP Funding. TC-0012 Construct Enhanced Transfer Points. Add FFY2022 LAPP Funding. TL-0013 Construct Enhanced Transfer Points. Add FFY2022 LAPP Funding. TC-0014 Construct Downtown Apex Transfer Points. Add FFY2022 LAPP Funding. TC-0015 STBGDA S		
Construct Enhanced Transfer Points Full		
TL-0010 GoRaleigh Enhanced Transfer Points Construct Enhanced Transfer Points Add FFY2022 LAPP Funding. Construction STBGDA \$ 196,800		
Transfer Points Construct Enhanced Transfer Points. Add FFY2022 LAPP Funding. L \$ 196,800		
TL-0011 GoTriangle Downtown Apex Transfer Points Transfer Points Construct Downtown Apex Transfer Points L \$ 31,500		
TL-0011 GoTriangle Downtown Apex Transfer Points Found Fou		
GoTriangle Downtown Apex Transfer Points Construct Downtown Apex Transfer Points. Add FFY2022 LAPP Funding. L \$ 9,000		
Transfer Points Construct Downtown Apex Transfer Points. Add FFY2022 LAPP Funding. PE STBGDA \$ 126,000 PE STBGDA \$ 55,000 L \$ 55,000		
PE STBGDA \$ 55,000		
L \$ 55,000		
TC-0016 GoTriangle ROW STBGDA \$ 5,500		
Improvements at L \$ 5,500		
existing bus stops GoTriangle Improvements at existing bus stops (amenities). Add FFY2022 Construction STBGDA \$ 275,000		
(amenities) LAPP Funding. L \$ 275,000		
L \$ 65,000		
TC-0017 GoTriangle ROW STBGDA \$ 6,500		
improvements at L \$ 6,500		
existing bus stops (accessibility) GoTriangle Improvements at existing bus stops (accessibility). Add Construction STBGDA \$ 165,000 \$ 16		
Construct phases 1, 2, and 5 of Black Creek Greenway from West Dynasty Construction TAANY \$ 4,000,000		
EB-5894 Black Creek Drive to Old Reedy Creek Rd in Cary. To allow additional time for CMAQ \$ 985,000		
Greenway planning and design, delay Construction to FY21. TA-4903 Bus and Bus GoRaleigh Bus and Bus facilities. Add funding to FY22 at request of Capital 5339 \$ 2,776,000 \$ 9,310,880		
TA-4903 Bus and Bus GoRaleigh Bus and Bus facilities. Add funding to FY22 at request of Facilities GoRaleigh. Capital 5339 \$ 2,776,000 \$ 9,310,880 \$ 1,754,595 \$ 1,754,595		
P-2918 Piedmont Corridor Train 74/75 operations between Charlotte and Raleigh, equipment and Operating CMAQ \$ 6,569,000		
Train capital yard maintenance. Add operations funding not previously		
I-5111(Reg) 1-40 from Wake Co line to NC 42 Regional tier funding. Add two general purpose lanes in either direction. ROW(G) NHP \$ 463,320 \$ 231,660	31,660 \$ 231,660 \$	231,660 \$ 1,158,300
1.40 from 1.440/US 64 Statewide tier funding Add two general purpose lanes in either direction POW(C) NHP \$ 2.110.680 \$ 1.055.340 \$ 1.055.	55,340 \$ 1,055,340 \$	1,055,340 \$ 5,276,700
1-511(SW) to Johnston Co Line Project to utilize GARVEE funds. Construction NHP \$ 108,398,000		
I-4739 I-	87,000 \$ 1,287,000 \$	1,287,000 \$ 6,435,000
NCDOT Multimodal Connected Vehicles pilot program. NC State Campus in Engineering DP \$ 30,000 \$ 13,000 \$ 87,000 \$ 25,000		
Raleigh. Before & after study, expansion & feasibility study. Project added		
HO-0001C at request of NCDOT Transportation Safety & Mobility Division to utilize		
Connected Vehicles Advanced Transportation and Congestion Management Technologies		
Pilot Deployment (ATCMTD) Program funds. \$ 30,000 \$ 12,000 \$ 88,000 \$ 25,000		
NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in Raleigh. Project added at request of NCDOT Transportation Safety &		
HO-0001 Connected Vehicles Mobility Division to utilize Advanced Transportation and Congestion		
Pilot Management Technologies Deployment (ATCMTD) Program funds. Construction S \$ 46,000 \$ 87,000 \$ 94,000		
NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in		
Raleigh. Connected Vehicles infrastructure, traffic signal system		
HO-0001A improvements, safety application, transit signal priority application, data Right of Way DP \$ 24,000		
collection and management, eco driving application. Project added at S \$ 24,000		
Connected Vehicles request of NCDOT Transportation Safety & Mobility Division to utilize Advanced Transportation and Congestion Management Technologies Construction DP \$804,000 \$431,000 \$282,000 \$71,000		
Pilot Deployment (ATCMTD) Program funds. S \$ 804,000 \$ 430,000 \$ 282,000 \$ 70,000		
NCDOT Multimodal Connected Vehicles pilot program. NC State Campus in Engineering DP \$ 25,000 \$ 15,000 \$ 5,000		
HO-0001B Raleigh. Grant Administration. Project added at request of NCDOT Transportation Safety & Mobility Division to utilize Advanced \$ 125,000 \$ 5,000 \$ 5,000		
Transportation Safety & Mobility Division to utilize Advanced Connected Vehicles Transportation and Congestion Management Technologies Deployment		
Pilot (ATCMTD) Program funds.		
Pavement rehabilitation on I-87/ US 64/ US 264 from I-440 in Raleigh to I-		
I-5944 Pavement 540 in Knightdale. Update route designation and revise Eastern		
Rehabilitation I- Terminus in coordination with I-6001 for consistency with pavement		
87/US 64/US 264 type. Construction NHPM \$ 7,000,000 \$ 7,000,000		
Pavement Pavement rehabilitation on Future I-87/US 64/US 264, from Rolesville Rd to		
I-6001 Rehabilitation I- Nash County Line. Update route designation and revise with Western		
87/Future I-87/US Terminus in coordination with I-5944 for consistency and pavement		
64/US 264 type.		

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ID				T _					As Currently					T	Γ '	
-	Project	Description	Phase	Source	Prior Years FY20		FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	Future Year	Total (100
			ROW	STBGDA	\$ 1,324,0											
U-6227		Widen Rock Quarry Road to 4-lane facility from Olde Birch Road to		L	\$ 567,0	000										
		Sunnybrook Road in Raleigh. To allow additional time to coordinate with	Construction	BGDA			\$	7,743,000								
	Improvements	project I-5111, delay Right of Way from FY20 to FY21.	ROW	STBGDA	\$ 56.0	200	\$	3,319,000								
	White Oak/Hebron	Construct multilane roundabout and improve intersection at White Oak Rd,	ROW	L	\$ 30,0											
U-6225	Church/ Ackerman		Construction	STBGDA	Ψ,		1,560,000									
	Roundabout	for planning and design, delay right of way from FY20 to FY21.		L		\$	520,000									
	Wendell Blvd	Construct geometric intersection improvements, sidewalk extensions and	ROW	STBGDA		\$	319,000									
	Intersection	pedestrian crossings on Wendell Blvd (US 64 Business) from north of Hanol	Construction	L		\$	80,000 307,000									
B-6048	Complete Streets	En to east of Old Wilson Na in Wendell. To allow additional time for		SIBGDA		φ	307,000									
	and Intersection	planning and design, delay right of way and construction from FY21 to														
	Improvements	FY22. Improve US 401 intersection with NC 55 and NC 42. Project will include	DOW	L		\$	77,000								f 24 606 000	
		improve 05 401 intersection with NC 55 and NC 42. Project will include improvements to NC 55 intersection with NC 42 and construction of	ROW Utilities	T											\$ 34,696,000 \$ 624,000	
U-5751	US 401 intersection	connector from NC 55 to Judd Pkway. Cost increase exceeds \$2m and	Construction												\$ 18,500,000	
	with NC 55/NC 42	25% threshold.														
		Widen US 401 from Wake Technical Community College (Allen St) to Ten-	Construction	n T		\$	3,800,000									
U-5746	110 404 147 7	Ten Rd. To allow additional time for ROW and utility relocation, delay														
	US 401 Widening	construction from FY 21 to FY22.	ROW	STBGDA					\$ 1,735,000							
		Extend Ranch Rd to US 70 Business/NC 42 on new location in Clayton.	KOW	SIBGDA					\$ 1,735,000							
U-6223	Ranch Road	Accelerate ROW from FY23 to FY21 and construction from FY24 to FY25	Construction						, 134,000	\$ 5,000,000						
	Extension	at the request of Division and Town.		S						\$ 1,250,000						
											<u> </u>	<u> </u>	·			
V-5819	- :	Construct runway extension to include relocation of utilities, NAVAID, and	ROW	Т		\$	530,000									
	Triangle North	roadways. To assist in balancing funds, delay ROW from FY21 to FY27 and construction from FY22 to FY29.		_			¢	11 670 000								
	Executive Airport	Construct grade separation and close crossing 630605a along CSX S Line	Construction			200	, \$	11,670,000								
	Rail Grade	and Millbrook Rd. Cost increase exceeding \$2m and 25% threshold.	KOW	T DP	\$ 3,700,0		10,000,000									
P-5737	Separation on	NOTE: "DP" represents Consolidated Rail Infrastructure and Safety	Construction	י טר												
	Millbrook Rd in	Improvements (CRISI) Grant funding. "O" represents CSX Corporation		Т			2,310,000 \$	2,310,000								
	Raleigh	match funding.	-	0		\$	510,000									
	Division 5															
R-5785		Division 5 program to update intersections to comply with the Americans with	Construction	TA	\$ 400,0	000										
	Disabilities Act (ADA) upgrades.	Disabilities Act using Transportation Alternatives (TA) funds. Add construction funds in FY21 and FY22 not previously programmed.		s	\$ 100,0	200										
	(ADA) upgraues.	Construction runds in F121 and F122 not previously programmed.	PE	T		000 \$	135,000 \$	135,000	\$ 135,000	\$ 135.000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 675,000	
			BUILD ROW	/ T		000	100,000 ψ	100,000	Ψ 100,000	Ψ 100,000	Ψ 100,000	Ψ 100,000	Ψ 100,000	Ψ 100,000	Ψ 0,000	
U-5750	NC 54 Widening		ROW	Т		\$	-,,									
	from NC 540 to	Widen NC 54 from NC 540 to Perimeter Park Dr in Morrisville. To allow	Utilities	Ţ		\$	236,000									
	Perimeter Park Dr in	additional time for utility relocation, delay construction from FY22 to	BUILD CON				\$	858,000		\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 6,864,000	
	Morrisville	FY23.	Construction PE	STBGDA	\$ 120,0	200	\$	5,300,000								
			FE	S	\$ 120,0											
U-6222	Improvements on	Improve intersection at NC 98 and Camp Kanata Rd in Wake Forest	ROW	STBGDA	\$ 18,0											
U-0222	NC 98 at Camp	including adding turn lanes on NC 98. Delete right of way phase and		S	\$ 4,0	000										
	Kanata Rd in Wake	redistribute funding to construction phase. No ROW required for	Construction				\$	840,000								
	Forest	project. Widen McCrimmon Pkwy to 4-lane divided facility from Davis Dr to north of	ROW	S T	\$ 3,000,0	200	\$	210,000								
		Church St in Morrisville. To allow additional time for ROW acquisition	Utilities	T	\$ 3,000,0											
U-5747A	McCrimmon Pkwy	and utility relocation, delay construction from FY22 to FY23. Cost	BUILD CON	-	Ψ 500,0		\$	858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 6,864,000	
	Widening	increase exceeds \$2m and 25% thresholds.	Construction	ı T			\$	2,650,000	\$ 2,650,000							
		Convert at-grade intersection to grade separation including grade separation		/ T		000 \$	5,000 \$	5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 27,000	
I 5747D	Grade Separation at	of North Carolina Railroad at NC 54 and McCrimmon Pkwy in Morrisville. To		T	\$ 6,230,0											
I-5747B	NC 54 and		Utilities BUILD CON	T	\$ 500,0	JUU	\$	858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 858,000	\$ 252.000	\$ 6,864,000	
	McCrimmon Pkwy	thresholds.	Construction				\$	3,750,000			ψ 000,000	ψ 000,000	ψ 000,000	ψ 000,000	Ψ 0,004,000	
	Replace Bridge	Replace Bridge 910146 over Crabtree Creek in Raleigh. To allow	ROW	Ť		\$	430,000	-,. 55,550	÷ 5,. 30,000							
	910146 over	additional time for planning and design, delay right of way and utilities	Utilities	Т		\$	330,000									
B-5684		relocations from FY21 to FY22 and construction from FY22 to FY23.	Construction				\$	8,607,000					-			
B-5684	Crabtree Creek		I BOW	TAANY	\$ 80,0											
B-5684	Crabtree Creek		ROW		φ											i e
		Construct sidewalk on NC 55 (E Williams St) from Sunset Lake Rd to NC 55		L	\$ 20,0		400.000									
	NC 55 (E Williams	Construct sidewalk on NC 55 (E Williams St) from Sunset Lake Rd to NC 55 in Holly Springs. Delete right of way phase, no right of way necessary fo		L	\$ 20,0	\$ \$	400,000									
B-5684 EB-5895	NC 55 (E Williams St) Sidewalk Purchase and	Construct sidewalk on NC 55 (E Williams St) from Sunset Lake Rd to NC 55 in Holly Springs. Delete right of way phase, no right of way necessary fo projects.		L TAANY L	\$ 20,0 \$ 156,880,0	\$ \$	400,000 100,000									
EB-5895	NC 55 (E Williams St) Sidewalk Purchase and	Construct sidewalk on NC 55 (E Williams St) from Sunset Lake Rd to NC 55 in Holly Springs. Delete right of way phase, no right of way necessary fo projects. Purchase and refurbish rail cars for Piedmont Service Expansion. To allow	r Construction	L TAANY L		\$ \$,		\$ 27,820,000	\$27,820,000						

		T T	0_0		тапорого	ation in	р. о г	ement Progr	7 11101	TIP Amen	dmont #4						
ID	Project	Description	Phase	Source	FY20	FY	21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	POST YR	Total (100%)
	Troject	Description	Filase	Source	F120	FIZ	21	F122	F123	F124	F125	F120	F121	F120	F129	POST IK	10tal (100%)
			ROW	STBGDA													
U-6227		Widen Rock Quarry Road to 4-lane facility from Olde Birch Road to		1		\$ 1,32 \$ 56	24,000 67,000										
U-622 <i>1</i>	Rock Quarry Road		Construction	BGDA		\$ 50	07,000	7,743,000									
	Improvements	project I-5111, delay Right of Way from FY20 to FY21.	Construction	I			\$	3,319,000									
		projection, and a given may memorial	ROW	STBGDA		\$ 5	56,000	2,010,000									
U-6225	White Oak/Hebron	Construct multilane roundabout and improve intersection at White Oak Rd,		L			19,000										
0 0220	Church/ Ackerman	Hebron Church Rd, and Ackerman Rd in Garner. To allow additional time	Construction	STBGDA			60,000										
	Roundabout	for planning and design, delay right of way from FY20 to FY21.	ROW	L STBGDA		\$ 52	20,000	319,000									
	Wendell Blvd	Construct geometric intersection improvements, sidewalk extensions and	ROW	I			\$	80,000									
EB-6048	Intersection	pedestrian crossings on Wendell Blvd (US 64 Business) from north of Hanor	Construction	STBGDA			\$	307,000									
LD-0040	Complete Streets and Intersection	Ln to east of Old Wilson Rd in Wendell. To allow additional time for						·									
	Improvements	planning and design, delay right of way and construction from FY21 to FY22.		L			\$	77,000									
	Improvements	Improve US 401 intersection with NC 55 and NC 42. Project will include	ROW	Т			Ψ	77,000							8,674,000	\$ 25,022,000	
U-5751		improvements to NC 55 intersection with NC 42 and construction of	Utilities	Т										:	624,000)	
0-3/31	US 401 intersection	·	Construction	Т												\$ 18,500,000	
	with NC 55/NC 42	25% threshold.	0 1 "	-				2 000 000									
U-5746		Widen US 401 from Wake Technical Community College (Allen St) to Ten- Ten Rd. To allow additional time for ROW and utility relocation, delay	Construction	1			\$	3,800,000									
U-3/40	US 401 Widening	construction from FY 21 to FY22.															
	JU 101 HINGHING	00.00.00000110111121001122.	ROW	STBGDA		\$ 1,73	35,000			+							
U-6223		Extend Ranch Rd to US 70 Business/NC 42 on new location in Clayton.		S			34,000										
0-0223	Ranch Road	Accelerate ROW from FY23 to FY21 and construction from FY24 to FY22	Construction	STBGDA			\$	5,000,000									
	Extension	at the request of Division and Town.		S			\$	1,250,000									
		Construct runway extension to include relocation of utilities, NAVAID, and	ROW	Т									A 500 000				
AV-5819	Triangle North	roadways. To assist in balancing funds, delay ROW from FY21 to FY27											\$ 530,000				
	Executive Airport	and construction from FY22 to FY29.	Construction	Т											11,670,000)	
		Construct grade separation and close crossing 630605a along CSX S Line	ROW	Т		\$ 3,70	00 000										
	Rail Grade	and Millbrook Rd. Cost increase exceeding \$2m and 25% threshold.	Construction	DP		\$ 10,00											
P-5737	Separation on	NOTE: "DP" represents Consolidated Rail Infrastructure and Safety		Т		Φ 0.00	00.000										
	Millbrook Rd in Raleigh	Improvements (CRISI) Grant funding. "O" represents CSX Corporation match funding.		0		\$ 3,62 \$ 51	10,000										
	Division 5	match fulluling.		0		Ψ	10,000										
	Americans with	Division 5 program to update intersections to comply with the Americans with	Construction	TA	\$ 400,00	00 ¢ 00	00,000 \$	800,000									
R-5785	Disabilities Act	Disabilities Act using Transportation Alternatives (TA) funds. Add			\$ 400,00)U \$ O(JU,UUU \$	800,000									
	(ADA) upgrades.	construction funds in FY21 and FY22 not previously programmed.		S	\$ 100,00	00 \$ 20	00,000 \$	200,000									
			PE	Т	\$ 270,00		35,000 \$	135,000 \$	135,000 \$	135,000 \$	135,000	\$ 135,000	\$ 135,000	\$ 135,000			
	NC 54 Widenina		BUILD ROW	T	\$ 2,00		\$	1,000							1,156	6 \$ 4,636	
U-5750	from NC 540 to	Widen NC 54 from NC 540 to Perimeter Park Dr in Morrisville. To allow	ROW Utilities	T		\$ 8,99	97,000 36,000										
	Perimeter Park Dr in		BUILD CON	T		\$ 23	30,000	\$	858,000 \$	858,000 \$	858 000	\$ 858,000	\$ 858,000 \$	\$ 858,000 \$	858 000	0 \$ 6,864,000	
	Morrisville	FY23.	Construction	Ť				\$	5,300,000	σοσ,σσσ φ	000,000	ψ 000,000	Ψ 000,000 0	φ σσσ,σσσ (, 000,000	φ σ,σσ1,σσσ	
			PE	STBGDA	\$ 120,00			·									
				S	\$ 30,00	00											
U-6222	Improvements on NC 98 at Camp	Improve intersection at NC 98 and Camp Kanata Rd in Wake Forest including adding turn lanes on NC 98. Delete right of way phase and	Construction	STBGDA S			\$	840,000 210,000									
	Kanata Rd in Wake	redistribute funding to construction phase. No ROW required for		3			•	210,000									
	Forest	project.															
		Widen McCrimmon Pkwy to 4-lane divided facility from Davis Dr to north of	ROW	Т		\$ 6,25											
U-5747A		Church St in Morrisville. To allow additional time for ROW acquisition	Utilities	T		\$ 50	00,000										
	McCrimmon Pkwy	and utility relocation, delay construction from FY22 to FY23. Cost	BUILD CON	T				\$	858,000 \$	858,000 \$	858,000	\$ 858,000	\$ 858,000	\$ 858,000	858,000	9 \$ 4,290,000	
	Widening	increase exceeds \$2m and 25% thresholds. Convert at-grade intersection to grade separation including grade separation	Construction BUILD ROW	T	\$ 5,00	2 00	5,000 \$	5,000 \$	2,650,000 \$ 5,000 \$	2,650,000 5,000 \$	5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 27,000)	
		of North Carolina Railroad at NC 54 and McCrimmon Pkwy in Morrisville. To	ROW	T	\$ 10,010,00		υ,υυυ ψ	υ,υυυ φ	υ,οοο φ	5,000 φ	3,000	Ψ 3,000	Ψ 5,000 κ	φ 0,000 k	21,000	•	
U-5747B	Grade Separation at	,	Utilities	T	\$ 500,00												
	NC 54 and	construction from FY22 to FY23. Cost increase exceeds \$2m and 25%	BUILD CON	Т				\$	858,000 \$	858,000 \$	858,000	\$ 858,000	\$ 858,000	\$ 858,000	858,000	\$ 6,846,000	
	McCrimmon Pkwy	thresholds.	Construction	T				\$	3,750,000 \$	3,750,000							
B-5684	Replace Bridge 910146 over	Replace Bridge 910146 over Crabtree Creek in Raleigh. To allow additional time for planning and design, delay right of way and utilities	ROW Utilities	T	 		\$	430,000 330,000									
D-3004	Crabtree Creek	relocations from FY21 to FY22 and construction from FY22 to FY23.	Construction	T			Φ	\$	8,607,000								
	J. abii co di ben		Construction	TAANY		\$ 40	00,000	Ψ	0,007,000	+							
EB-5895		Construct sidewalk on NC 55 (E Williams St) from Sunset Lake Rd to NC 55		L			00,000										
ED-3033		in Holly Springs. Delete right of way phase, no right of way necessary for															
	St) Sidewalk	projects.															
	Purchase and Refurbish Rail Cars	Purchase and refurbish rail cars for Piedmont Service Expansion. To allow	Construction	O	-	\$ 156,88	80,000		27 920 000 🐧	27 920 000							
P-5719		additional time for planning and design, delay construction from FY20		I				\$	27,820,000 \$	∠1,0∠U,UUU							
	Expansion	to FY21. Add federal-state partnership for SGR grant funding in FY21.															
L		The state of the s		i	i .								<u> </u>			_1	

		FY	2020-20	29 Irar	nsportation	Improve	ement Pro	gram - Am	iendmei	nt #4							
ID									As Cu	rrently Pro	grammed						
טו	Project	Description	Phase	Source	Prior Years	FY20	FY21	FY22	FY:	23	FY24	FY25	FY26	FY27	FY28	Future Year	Total (100%)
			ROW	BGBA					\$ 3,0	000,000							
HL-0006	Ullikan Daad		Construction	BGBA					\$ 12,0	000,000							
	Hilltop Road Realignment US 401	Realign Hilltop Road to Lake Wheeler Road on new location, convert US 401 to superstreet from Lake Wheeler Road to Hilltop Needmore Rd. Cost															
	Superstreet	Increase exceeding \$2m and 25% thresholds.															
	Superstreet	increase exceeding \$2111 and 25 % thresholds.															
		NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in															
		Raleigh. Connected Vehicles infrastructure, traffic signal system															
HO-0001AA		improvements, safety application, and system engineering. Project added															
	Connected Vehicles	at request of NCDOT Transportation Safety & Mobility Division to utilize Advanced Transportation and Congestion Management Technologies															
	Pilot	Deployment (ATCMTD) Program funds.															
	FIIOL	Deployment (ATOMTD) Flogram funds.															
		NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in															
HO-0001AB		Raleigh. Connected Vehicles transit signal priority application and data															
HO-0001AB		management. Project added at request of NCDOT Transportation Safety															
	Connected Vehicles																
	Pilot	Management Technologies Deployment (ATCMTD) Program funds.															
		NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in															
		Raleigh. Eco Driving Application. Project added at request of NCDOT															
HO-0001AC		Transportation Safety & Mobility Division to utilize Advanced															
	Connected Vehicles																
	Pilot	(ATCMTD) Program funds.	PE	CMAQ	9	317,000	1										
			FE	I	9	79,000											
			ROW	CMAQ	9	317,000											
				L	3	79,000											
C-5604			Construction	CMAQ	9	6,299,000											
C-3004				L	\$	1,575,000											
		Various projects in CAMPO region to improve congestion and air quality in	nplementation	CMAQ	9	317,000											
		the Capital Area MPO. Add engineering, row, construction,	L	L	9	79,000											
	CAMPO CMAQ	implementation, and operations in FY21 and FY22 not previously	Operating	CMAQ	9	,											
	Projects	programmed to allow for potential future authorizations.		L	\$	79,000	1										

<u>.</u>			FY 2020	-2029 T	ranspor	tation	ı Improv	ement Prog	ram - Ame	end								
ID				1							TIP Amen					_		
	Project	Description	Phase	Source	FY20		FY21	FY22	FY23		FY24	FY25	FY26	FY27	FY28	FY29	POST YR	Total (100%)
			ROW	NHPBA					9	\$ 7	7,500,000							
																		İ
HL-0006			Utilities	NHPBA														İ
HL-0006	Hilltop Road	Realign Hilltop Road to Lake Wheeler Road on new location, convert US 401							9	\$	400,000							
	Realignment US 401	to superstreet from Lake Wheeler Road to Hilltop Needmore Rd. Cost	Construction	NUIDDA														İ
	Superstreet	Increase exceeding \$2m and 25% thresholds.	Construction	NHPBA							•	13,400,000	n					İ
	Superstreet	<u> </u>									Ψ	13,400,000	0					
		NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in	Engineering	DP		\$	85.000											İ
		Raleigh. Connected Vehicles infrastructure, traffic signal system		S		\$	84,000											
HO-0001AA		improvements, safety application, and system engineering. Project added	Construction	DP		\$	804,000											
		at request of NCDOT Transportation Safety & Mobility Division to utilize																l
	Connected Vehicles			S			004.000											İ
	Pilot	Deployment (ATCMTD) Program funds.		55		\$	804,000	70.000										<u> </u>
		NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in	Engineering	DP S				70,000 70,000										
		Raleigh. Connected Vehicles transit signal priority application and data	ROW	DP				5 70,000 5 24,000										
HO-0001AB		management. Project added at request of NCDOT Transportation Safety	RUW	S				5 24,000 5 24,000										
	Connected Vehicles		Construction					430.000										
	Pilot	Management Technologies Deployment (ATCMTD) Program funds.	Construction	S				430.000										
		NCDOT Multimodal Connected Vehicles pilot program- NC State Campus in	Engineering	DP				¢	37.000									·
		Raleigh. Eco Driving Application. Project added at request of NCDOT	Linginiconing					Φ	37,000									
HO-0001AC		Transportation Safety & Mobility Division to utilize Advanced		S				\$	37,000									İ
	Connected Vehicles		Construction	DP				\$	282,000	\$	70,000							i
	Pilot	(ATCMTD) Program funds.		S				\$	282.000	\$	70.000							
		, , , , , , , , , , , , , , , , , , , ,	PE	CMAQ	\$ 317,0	000 \$	317,000	317,000	,,,,,,									
				L	\$ 79,0	000 \$	79,000	79,000										I
			ROW	CMAQ	\$ 317,0	000 \$	317,000	317,000										I
				L		000 \$	79,000											·
C-5604			Construction	CMAQ	\$ 6,299,0		6,299,000	, ,										<u> </u>
3-0004				L	\$ 1,575,0		1,575,000											
		Various projects in CAMPO region to improve congestion and air quality in	mplementatio	CMAQ	\$ 317,0		317,000											
		the Capital Area MPO. Add engineering, row, construction,		L	\$ 79,0		79,000	,										
	CAMPO CMAQ	implementation, and operations in FY21 and FY22 not previously	Operating	CMAQ	\$ 317,0		317,000											
	Projects	programmed to allow for potential future authorizations.		l L	1\$ 79,0	000 \$	79,000	79,000					1					1

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