

line #	Location	AQ Model In-service Year	Increased funds vs. September 2020			Draft Amended FY 2020-2023 Transportation Improvement Program (July 2020)										Difference 3/2019 FY 2020 -23 vs draft amendments						
			Decreased funds vs. September 2020			WILMA PCO CATEGORY	MODE	Current Estimate Total	FY 2020 TOTAL	FY 2021 TOTAL	FY 2022 TOTAL	FY 2023 TOTAL	FY 20-23 TOTAL	FY 2024 TOTAL	FY 2025 TOTAL	FY 2026 TOTAL	FY 2027 TOTAL	FY 2020 TOTAL	FY 2021 TOTAL	FY 2022 TOTAL	FY 2023 TOTAL	FY 20-23 TOTAL
			New in draft amended TIP																			
			PROJECT TITLE (All \$ x 1,000)																			
1	DELAWARE- STATEWIDE																					
2	DE		Aeronautics, Statewide	Management	Other	6,885.0	991.1	1,015.0	990.0	990.0	3,986.1	990.0	990.0	990.0	990.0	501.1	525.0	500.0	500.0	2,026.1		
3	DE		Bicycle and Pedestrian Improvements	Management	Bike/Pedestrian	59,600.0	8,250.0	12,719.5	5,000.0	5,000.0	30,969.5	10,000.0	10,000.0	10,000.0	10,000.0	1,100.0	1,619.5	1,000.0	1,000.0	4,719.5		
4	DE		Bridge Management/Inspection	Management	Road	96,736.2	17,151.1	16,567.9	15,942.7	16,055.3	65,717.1	16,879.7	16,038.4	16,066.4	17,242.8	6,087.1	4,349.7	4,167.2	4,555.4	19,159.4		
5	DE		Bridge Preservation / Bridge Painting	Preservation	Road	572,088.5	75,857.8	78,706.1	55,603.5	54,410.0	264,577.4	57,819.4	67,875.7	37,000.0	37,000.0	326.0	32,710.2	3,103.5	1,500.0	37,639.7		
6	DE		Community Transportation Fund/CTF Subdivision Paving P	Preservation	Multimodal	134,100.0	36,072.7	25,030.0	18,680.0	17,680.0	97,462.7	17,680.0	17,680.0	17,680.0	17,680.0	16,155.4	7,350.0	1,000.0	-	24,505.4		
7	DE		Corridor Capacity Preservation	Management	Road	18,000.0	159.5	2,840.5	1,000.0	1,000.0	5,000.0	2,000.0	3,000.0	3,000.0	3,000.0	(840.5)	1,840.5	-	-	1,000.0		
8	DE		Dam Preservation Program	Preservation	Other	28,976.4	3,872.2	6,210.8	2,800.0	2,730.0	15,613.0	2,700.0	2,700.0	2,700.0	2,700.0	187.7	3,480.8	100.0	30.0	3,798.5		
9	DE		Engineering & Contingency/Education & Training	Other	Other	207,455.0	31,808.7	35,049.7	33,130.3	32,430.3	132,419.1	31,430.3	31,430.3	31,430.3	31,430.3	863.7	4,019.7	2,185.3	1,485.3	8,554.1		
10	DE		Environmental Program	Other	Other	5,426.0	668.0	918.0	918.0	918.0	3,422.0	668.0	668.0	668.0	668.0	105.0	355.0	355.0	355.0	1,170.0		
11	DE		Equipment	Preservation	Other	89,004.2	13,500.0	11,500.0	10,000.0	10,000.0	45,000.0	10,000.0	10,000.0	10,000.0	10,000.0	1,000.0	-	-	-	1,000.0		
12	DE		Intersection Improvements	Management	Road	70,856.8	12,629.8	10,950.0	10,490.0	10,750.0	44,819.8	11,350.0	11,350.0	11,350.0	11,350.0	5,029.8	3,150.0	2,640.0	3,150.0	13,969.8		
13	DE		Materials & Minor Contracts	Preservation	Road	105,750.0	17,961.9	17,489.7	14,046.5	15,700.0	65,198.1	17,350.0	17,450.0	16,850.0	14,750.0	6,961.9	9,489.7	6,046.5	7,700.0	30,198.1		
14	DE		Municipal Street Aid	Preservation	Multimodal	40,000.0	6,000.0	6,000.0	6,000.0	6,000.0	24,000.0	6,000.0	6,000.0	6,000.0	6,000.0	-	-	-	-	-		
15	DE		Paving & Rehabilitation	Preservation	Road	542,084.2	135,535.4	102,321.7	66,428.5	49,000.0	353,285.6	80,000.0	80,000.0	86,200.0	86,200.0	61,735.4	32,321.7	(13,571.5)	(31,000.0)	49,485.6		
16	DE		Planning	Other	Other	111,931.5	18,564.1	26,307.4	18,003.8	17,878.8	80,754.1	19,566.3	19,753.8	20,128.8	20,128.8	4,657.3	12,678.7	4,375.0	4,250.0	25,961.0		
17	DE		Rail Crossing Safety and Rideability	Management	Road	59,669.5	12,738.6	16,487.7	8,352.3	6,461.1	44,039.8	7,961.1	7,961.1	6,961.1	6,961.1	11,257.5	15,026.6	6,891.2	5,000.0	38,175.3		
18	DE		Recreational Trails	Management	Bike/Pedestrian	10,150.5	300.0	3,555.1	1,132.1	1,132.1	6,119.3	1,132.1	1,132.1	1,132.1	1,132.1	(832.1)	2,423.0	-	-	1,590.9		
19	DE		Safety Improve (Hazard Elim/High Risk Rural Rd/Sect 154,	Management	Road	148,158.9	30,286.1	34,109.7	32,846.7	15,325.9	112,568.4	14,507.5	14,386.7	22,286.7	24,286.7	17,139.5	26,118.8	22,660.0	5,139.2	71,057.5		
20	DE		Signage & Pavement Markings	Preservation	Road	47,222.0	7,438.1	7,103.1	7,103.1	7,103.1	28,747.6	7,603.1	7,603.1	7,603.1	7,603.1	723.6	388.6	388.6	388.6	1,889.5		
21	DE		Slope Stabilization	Preservation	Road	26,500.0	118.5	500.0	1,750.0	2,000.0	4,368.5	2,000.0	4,000.0	4,000.0	4,000.0	(4,881.5)	(2,500.0)	(1,500.0)	(500.0)	(9,381.5)		
22	DE		Statewide Rail Preservation / Rail Preservation Maint.	Preservation	Other	5,900.0	436.0	335.3	300.0	300.0	1,371.3	300.0	300.0	300.0	300.0	136.0	35.3	-	-	171.3		
23	DE		Technology	Management	Other	105,208.3	15,349.9	16,308.9	25,013.4	19,113.4	75,785.6	14,213.4	14,213.4	14,213.4	14,213.4	(18,479.6)	2,595.5	11,000.0	4,900.0	15.9		
24	DE		Traffic Calming	Management	Multimodal	2,300.0	200.0	300.0	300.0	300.0	1,100.0	300.0	300.0	300.0	300.0	-	100.0	100.0	100.0	300.0		
25	DE		Transit Facilities, Statewide	Preservation	Transit	14,450.0	93.6	3,464.7	2,712.1	2,197.5	8,467.9	2,209.1	2,247.0	2,161.2	2,201.9	(2,215.5)	1,474.7	722.1	207.5	188.8		
26	DE		Transit Vehicles Replace & Refurbish, Statewide	Preservation	Transit	45,341.1	5,059.4	10,148.0	8,058.5	5,554.9	28,820.8	5,269.7	4,360.0	3,705.9	4,189.8	11.2	6,818.4	4,857.8	2,232.0	13,919.3		
27	DE		Transportation Alternatives Program	Management	Multimodal	42,090.1	7,942.4	8,196.1	3,972.4	3,972.4	24,083.4	3,972.4	3,972.4	3,972.4	3,972.4	1,753.8	3,032.1	(1,191.6)	(1,191.6)	2,402.8		
28	DE		Transportation Facilities, Statewide	Preservation	Multimodal	94,463.0	24,009.8	26,890.0	18,750.0	15,250.0	84,899.8	14,250.0	15,250.0	10,250.0	10,250.0	7,409.8	12,640.0	9,500.0	7,000.0	36,549.8		
29	DE		Transportation Infrastructure Investment Fund	Expansion	Multimodal	30,000.0	5,000.0	5,000.0	5,000.0	5,000.0	20,000.0	5,000.0	5,000.0	5,000.0		5,000.0	5,000.0	5,000.0	5,000.0	20,000.0		
30	DE		Transportation Management (inc. rideshare and signals)	Management	Multimodal	83,203.9	15,573.1	22,832.2	12,246.0	9,505.0	60,156.4	9,505.0	9,505.0	9,505.0	9,505.0	3,688.1	14,327.2	3,741.0	1,000.0	22,756.4		
31																-	-	-	-	-		
32	NEW CASTLE COUNTY															-	-	-	-	-		
33	NCC		12th St Connector	Expansion	Multimodal	8,100.0	-	-	-	-	-	400.0	400.0	100.0		-	-	-	-	-		
34	NCC	2030	Boyds Corner Rd: Cedar Lane to US 13 (S. NCC Imp)	Expansion	Multimodal	20,415.1	507.6	467.4	-	-	975.0	1,500.0	1,300.0	3,750.0	3,750.0	157.6	(1,132.6)	(4,675.0)	(7,000.0)	(12,650.0)		
35	NCC		Cedar Lane: Marl Pit to Boyds Corner Rd & Marl Pit Int. (S	Management	Road	13,347.6	100.0	-	-	-	100.0	-	2,600.0	6,500.0	3,000.0	(4,100.0)	(900.0)	(1,000.0)	(6,500.0)	(12,500.0)		
36	NCC		Christiana Mall Park and Ride/NCC Transit Center	Management	Transit	14,250.0	289.0	1,400.0	3,000.0	9,000.0	13,689.0	-	-	-	-	(1,311.0)	(600.0)	3,000.0	9,000.0	10,089.0		
37	NCC	2030	Christina River Bridge and Approaches	Expansion	Multimodal	93,531.8	24,570.5	6,590.5	-	-	31,161.1	-	-	-	-	11,040.8	6,590.5	-	-	17,631.3		
38	NCC		Claymont Station/Claymont Regional Transportation Cent	Management	Transit	71,803.3	6,942.0	31,948.1	26,473.7	-	65,363.8	-	-	-	-	(18,192.3)	9,913.8	14,727.6	-	6,449.1		
39	NCC		Denny Road and Lexington Parkway Intersection Improver	Management	Multimodal	1,200.0	5.0	45.0	-	-	50.0	50.0	1,100.0	-	-	5.0	(55.0)	(100.0)	-	(150.0)		
40	NCC		East 7th Street	Management	Multimodal	15,200.0	-	-	-	-	-	-	-	300.0		-	-	-	-	-		
41	NCC	2030	Elkton Road: Maryland State Line to Casho Mill Rd	Expansion	Multimodal	41,262.4	2,651.4	21,916.2	11,593.5	-	36,161.0	-	-	-	-	(12,973.6)	7,416.2	10,823.5	-	5,266.0		

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			New in draft amended TIP																				
42	NCC		Fairplay Station Churchman's Crossing Parking Expansion	Management	Transit	14,252.0	170.3	1,081.7	-	6,500.0	7,752.0	6,500.0	-	-	-	170.3	429.7	(600.0)	6,500.0	6,500.0			
43	NCC		Garasches Lane / <u>A St Pathway</u>	Management	Multimodal	5,627.2	293.7	1,649.9	2,985.0	-	4,928.5	-	-	-	-	93.7	(3,150.1)	2,985.0	-	(71.5)			
44	NCC		Glasgow Ave: SR 896 - US 40	Management	Multimodal	8,300.0	-	-	400.0	400.0	800.0	750.0	750.0	6,000.0	-	-	-	-	-	-			
45	NCC		Highway Safety Improvement Program, NCC <u>(moved to D</u>	Management	Multimodal						-				-	(17,594.4)	(4,195.8)	-	-	(21,790.2)			
46	NCC		HSIP NCC, SR 273, Appleby Road to Airport Road	Management	Multimodal	13,972.7	2,278.2	4,463.2	-	-	6,741.4	-	-	-	-	1,028.2	4,463.2	-	-	5,491.4			
47	NCC		HSIP NCC, SR 273 and I-95 Intersection <u>(was grouped w/ I</u>	Management	Multimodal	18,667.8	781.9	5,203.2	11,751.8	-	17,736.9	-	-	-	-	781.9	5,203.2	11,751.8	-	17,736.9			
48	NCC		I-295 Improvements, Westbound from I-295 to US 13	Expansion	Road	8,045.9	3,000.0	-	-	-	3,000.0	-	-	-	-	-	-	-	-	-			
49	NCC	2040	I-295 Northbound from SR141 to US 13	Expansion	Road	9,600.0	-	-	-	550.0	550.0	550.0	500.0	1,000.0	7,000.0	-	-	-	-	-			
50	NCC	2030	I-95 & SR 896 Interchange Improvements	Management	Road	159,530.0	2,871.9	2,123.5	4,244.6	19,798.4	29,038.4	42,550.0	42,550.0	42,550.0	-	(128.1)	1,600.0	3,307.1	18,798.4	23,577.4			
51	NCC		Interstate Maintenance	Preservation	Road	8,393.5	2,225.7	4,423.3	-	-	6,649.0	-	-	-	-	1,199.9	4,423.3	-	-	5,623.2			
52	NCC		Jamison Corner Rd Relocated at Boyds Corner Rd	Management	Multimodal	8,642.6	3,581.8	1.1	-	-	3,582.9	-	-	-	-	3,453.3	1.1	-	-	3,454.4			
53	NCC		Little Baltimore Road Drainage Improvements	Preservation	Multimodal	5,108.4	835.0	3,234.9	341.3	-	4,411.2	-	-	-	-	(165.0)	2,734.9	341.3	-	2,911.2			
54	NCC		<u>Maryland Ave. and Monroe St. (Maryland Ave./Monroe</u>	Management	Multimodal	7,300.0	-	-	-	-	-	-	-	400.0		-	-	-	-	-			
55	NCC		Middletown Park and Ride	Management	Transit	3,050.0	50.0	3,000.0	-	-	3,050.0	-	-	-	-	(2,450.0)	3,000.0	-	-	550.0			
56	NCC		<u>Mill Creek Road and Stoney Batter Road Drainage Impro</u>	Preservation	Road	1,900.0	50.0	100.0	550.0	1,200.0	1,900.0	-	-	-		50.0	100.0	550.0	1,200.0	1,900.0			
57	NCC		N412, Lorewood Grove Road: Rd 412A to SR 1	Management	Multimodal	10,537.1	51.1	250.0	2,075.0	1,010.0	3,386.1	-	-	1,000.0	4,000.0	41.1	(750.0)	(900.0)	(2,990.0)	(4,599.0)			
58	NCC		Newark Train Station/Regional Transportation Center	Management	Transit	88,936.3	15,939.0	21,282.2	9,450.0	-	46,671.2	-	-	-	-	(462.7)	10,522.4	9,450.0	-	19,509.7			
59	NCC		Old Capitol Trail, Newport Road to Stanton Road	Management	Multimodal	5,350.0	-	200.0	250.0	200.0	650.0	600.0	1,600.0	2,500.0	-	-	-	-	-	-			
60	NCC		Otts Chapel Road and Welsh Track Road Intersection	Management	Road						-				-	-	-	-	(25.0)	(25.0)			
61	NCC		Possum Park Road and Old Possum Park Road Intersection	Management	Multimodal	1,832.0	60.7	110.0	-	100.0	270.7	1,000.0	500.0	-	-	40.7	(470.0)	(1,000.0)	100.0	(1,329.3)			
62	NCC		Rehabilitation of I-95 from I-495 to North of Brandywine P	Preservation	Road	480,626.3	30,897.7	89,271.5	74,300.0	74,300.0	268,769.1	54,658.2	20,100.0	14,100.0	14,100.0	4,953.2	68,359.6	14,100.0	14,100.0	101,512.8			
63	NCC	2030	Road A/SR 7 (Road, Bridge and Mall Connector Study)	Expansion	Multimodal	13,706.3	6,404.4	4,534.5	-	-	10,938.9	-	-	-	-	(1,902.8)	4,534.5	-	-	2,631.7			
64	NCC		SEPTA New Payment Technology (NPT)	Management	Transit						-				-	(167.3)	-	-	-	(167.3)			
65	NCC		Shallcross Lake Road Relocated, Graylag Rd to Boyds Corn	Management	Multimodal	2,000.0	1,500.0	500.0	-	-	2,000.0	-	-	-		1,500.0	500.0	-	-	2,000.0			
66	NCC		<u>South Wilmington Infrastructure Improvements</u>	Management	Multimodal	60,000.0	10,000.0	8,450.0	10,000.0	10,000.0	38,450.0	10,000.0	10,000.0	10,000.0		10,000.0	8,450.0	10,000.0	10,000.0	38,450.0			
67	NCC		Southbridge Transportation Network	Expansion	Multimodal	7,900.0	-	-	-	-	-	450.0	450.0	1,500.0	500.0	-	-	-	-	-			
68	NCC	2030	SR 1 Widening: Roth Bridge to SR 273	Expansion	Road	266,039.7	526.4	3,913.2	2,400.0	5,000.0	11,839.6	3,000.0	3,000.0	3,000.0	-	(1,345.1)	3,413.2	1,900.0	2,000.0	5,968.1			
69	NCC		SR141: I-95 Interchange to Jay Drive (inc. utility/wetland r	Management	Multimodal	91,597.8	27,631.0	29,694.1	22,021.6	35.0	79,381.7	35.0	35.0	-	-	(11,010.7)	(7,600.2)	19,021.6	35.0	445.7			
70	NCC		SR 2 / Red Mill Road Intersection	Management	Multimodal	6,200.0	325.0	1,200.0	3,000.0	1,000.0	5,525.0	-	-	-	-	(275.0)	(5,300.0)	1,800.0	1,000.0	(2,775.0)			
71	NCC		SR 2 / Harmony Road Intersection	Management	Multimodal						-				-	-	-	-	-	-			
72	NCC		SR 273 / Chapman Road Intersection Improvements	Management	Multimodal	3,209.0	50.0	1,250.0	1,700.0	-	3,000.0	-	-	-	-	(150.0)	850.0	250.0	(2,000.0)	(1,050.0)			
73	NCC	2030	SR 299, SR 1 to Catherine Street	Expansion	Multimodal	34,950.8	1,877.6	13,638.8	11,963.3	1,050.0	28,529.6	-	-	-	-	(9,242.4)	4,538.8	9,950.0	1,050.0	6,296.3			
74	NCC	2030	SR 4, Christina Parkway: SR 2 to SR 896	Management	Multimodal	34,045.8	115.0	1,490.1	700.0	800.0	3,105.1	150.0	-	10,000.0	10,000.0	55.0	1,340.1	560.0	(4,200.0)	(2,244.9)			
75	NCC		SR4, Harmony Road Intersection Improvements	Management	Multimodal	9,100.0	-	200.0	200.0	200.0	600.0	500.0	2,000.0	6,000.0	-	-	-	-	-	-			
76	NCC		SR4, Ogletown Stanton Rd/SR 7, Christina Stanton Rd Pha	Management	Multimodal	5,646.8	100.0	360.0	386.8	350.0	1,196.8	350.0	1,400.0	2,700.0	-	100.0	260.0	86.8	100.0	546.8			
77	NCC		SR 7 Median Barrier Replacement	Preservation	Road						-				-	(1,500.0)	-	-	-	(1,500.0)			
78	NCC	2030	SR 72: McCoy Road to SR 71	Expansion	Multimodal	26,207.6	4,561.3	2,452.7	6,100.0	6,000.0	19,113.9	2,000.0	-	-	-	2,963.9	(5,547.3)	100.0	6,000.0	3,516.5			
79	NCC		SR 9, River Road Flood Remediation	Preservation	Road	13,018.2	288.6	100.0	-	-	388.6	-	-	-	-	(461.4)	(50.0)	-	-	(511.4)			
80	NCC		SR 9, New Castle Ave, Landers Lane to A Street	Management	Multimodal	17,700.0	-	-	-	600.0	600.0	1,350.0	1,750.0	14,000.0	-	-	-	-	-	-			
81	NCC	2030	SR 896 and Bethel Church Rd Interchange	Expansion	Road	37,000.0	-	-	-	500.0	500.0	2,500.0	2,000.0	1,000.0	7,500.0	-	(200.0)	(300.0)	250.0	(250.0)			

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82	NCC	2050	SR 896: US 40 - I-95 Widening	Expansion	Multimodal	27,500.0	-	-	850.0	850.0	1,700.0	300.0	500.0	5,000.0	5,000.0	-	-	-	-	-
83	NCC		SR 866: South College Ave Gateway	Management	Multimodal	8,500.0	-	-	300.0	300.0	600.0	300.0	300.0	300.0						
84	NCC		Third Track Rail Expansion (NE Corridor Imp., Shipley St B	Expansion	Transit	57,713.9	2,849.2	11,256.1	5,448.9	2,900.0	22,454.2	3,000.0	3,100.0	3,200.0	-	(7,180.3)	8,756.1	2,848.9	200.0	4,624.7
85	NCC		Transit Facilities, New Castle County	Preservation	Transit	11,588.5	932.8	3,991.0	4,716.0	1,500.0	11,139.8	-	-	-	-	(6,902.2)	3,991.0	4,716.0	1,350.0	3,154.8
86	NCC		Transit (Fixed Route) Vehicle Replacement and Refurbishm	Preservation	Transit	70,625.5	18,735.0	16,107.7	11,753.7	114.1	46,710.4	4,943.6	114.1	9,731.3	-	(5,558.9)	15,993.6	11,350.2	-	21,784.9
87	NCC		Transit (Paratransit) Vehicle Replacement and Refurbishm	Preservation	Transit	41,000.0	5,171.4	3,075.0	4,563.2	4,168.8	16,978.4	4,698.0	5,752.5	3,096.0	5,034.9	(39.0)	691.0	685.1	623.7	1,960.8
88	NCC		Transit Vehicle Expansion - Autonomous Shuttles	Expansion	Transit	765.9	21.7	744.1	-	-	765.9	-	-	-		21.7	744.1	-	-	765.9
89	NCC		Transit Preventive Maintenance, NCC	Preservation	Transit	58,600.0	6,500.0	6,500.0	6,500.0	6,500.0	26,000.0	6,500.0	6,500.0	6,500.0	6,500.0	-	-	-	-	-
90	NCC	2040	Tyler McConnell Bridge, SR 141: Monthcanin Rd - Alapoca	Expansion	Multimodal	46,000.0	-	-	-	900.0	900.0	900.0	800.0	1,900.0	1,500.0	-	-	-	-	-
91	NCC		US 13 Median Barrier Replacement: SR 1 - Red Lion Rd	Preservation	Road	1,747.5	1,230.6	516.9	-	-	1,747.5	-	-	-		1,230.6	516.9	-	-	1,747.5
92	NCC		US 13: I-495-PA Line	Management	Multimodal	4,900.0	-	-	-	-	-	-	300.0	300.0		-	-	-	-	-
93	NCC		US 13, Duck Creek to SR1	Management	Multimodal	8,500.0	40.0	340.0	350.0	270.0	1,000.0	-	1,200.0	3,150.0	3,150.0	(660.0)	(700.0)	100.0	270.0	(990.0)
94	NCC		US 13: US 40 to Memorial Drive Pedestrian Improvements	Management	Bike/Pedestrian	27,897.9	2,457.9	1,820.0	1,139.2	3,000.0	8,417.1	8,000.0	7,000.0	3,000.0	-	(1,360.0)	(1,280.0)	(1,860.8)	-	(4,500.8)
95	NCC	2020	US 301: Maryland Line to SR 1 and GARVEE Debt Service	Expansion	Road	747,576.7	16,378.4	27,434.4	10,992.9	10,954.8	65,760.5	10,954.8	10,924.4	-	-	(9,553.8)	16,460.0	-	-	6,906.2
96	NCC	2040	US 40 and SR 7 Intersection	Management	Multimodal	58,000.0	-	-	-	2,000.0	2,000.0	2,000.0	1,000.0	2,000.0	1,000.0	-	-	-	-	-
97	NCC	2030	US 40 and SR 896 Grade Separated Intersection	Management	Multimodal	70,000.0	1,191.8	2,600.0	3,750.0	8,500.0	16,041.8	22,500.0	30,000.0	-	-	(500.0)	50.0	2,750.0	500.0	2,800.0
98	NCC		US 40 / SR 72 Intersection	Management	Multimodal	24,838.5	6,062.5	3,419.9	-	-	9,482.4	-	-	-	-	1,082.9	3,065.0	-	-	4,147.9
99	NCC	2030	US 40: Salem Church Road to Walther Road	Expansion	Multimodal	24,475.0	375.0	1,100.0	1,800.0	5,500.0	8,775.0	7,500.0	7,500.0	-	-	(1,625.0)	(900.0)	(3,200.0)	500.0	(5,225.0)
100	NCC		Wilmington 5-Point Monroe St	Management	Multimodal	20,000.0	-	-	-	-	-	-	-	-	7,000.0	-	-	-	-	-
101	NCC		Wilmington Initiatives: 4th St., Walnut St. to I-95 Adams S	Management	Multimodal	3,000.0	-	100.0	650.0	500.0	1,250.0	1,750.0	-	-	-	(500.0)	(150.0)	150.0	(1,250.0)	(1,750.0)
102	NCC		Wilmington Initiatives: Walnut Street: Front Street to 3rd	Management	Multimodal	5,872.0	2,176.4	790.6	-	-	2,967.0	-	-	-	-	1,176.4	790.6	-	-	1,967.0
103	NCC		Wilmington Initiatives: Walnut St., MLK to 13th St 3rd - 16	Management	Multimodal	12,705.0	50.0	400.0	400.0	1,150.0	2,000.0	500.0	5,000.0	4,500.0	-	(650.0)	(600.0)	(400.0)	(3,850.0)	(5,500.0)
104	NCC		Wilmington Initiatives, King and Orange Sts: MLK Blvd to 4	Management	Multimodal	5,769.6	126.4	317.1	3,000.0	1,900.0	5,343.5	-	-	-	-	(872.6)	(3,682.9)	3,000.0	1,900.0	344.5
105	NCC		Wilmington Riverfront Program (Justison Landing)	Management	Multimodal	58,387.8	68.0	528.0	-	-	596.0	-	-	-	-	(75.0)	385.0	(143.0)	-	167.0
106	NCC		Wilmington Signal Improvements	Management	Multimodal	3,300.0	378.8	-	-	-	378.8	-	-	-	-	378.8	-	-	-	378.8
107	NCC		Wilmington Transit Center	Management	Multimodal	19,208.4	7,884.5	6.3	-	-	7,890.8	-	-	-	-	7,884.5	6.3	-	-	7,890.8
108															-	-	-	-	-	-
109			CECIL COUNTY												-	-	-	-	-	-
110	CC		Areawide Bridge Replacement and Rehabilitation	Preservation	Road		3,100.0	3,100.0	3,100.0	3,100.0	12,400.0	-	-		-	-	-	-	-	-
111	CC		Areawide Congestion Management	Management	Road		985.0	985.0	985.0	985.0	3,940.0	-	-		-	-	-	-	-	-
112	CC		Areawide Environmental Projects	Preservation	Other		3,000.0	3,000.0	3,000.0	3,000.0	12,000.0	-	-		-	-	-	-	-	-
113	CC		Areawide Resurfacing and Rehabilitation	Preservation	Road		6,700.0	6,700.0	6,700.0	6,700.0	26,800.0	-	-		-	-	-	(2,350.0)	-	(2,350.0)
114	CC		Areawide Safety and Spot Improvements	Preservation	Road		3,900.0	3,900.0	3,900.0	3,900.0	15,600.0	-	-		-	-	-	-	-	-
115	CC		Areawide Urban Street Reconstruction	Preservation	Multimodal		345.0	345.0	345.0	345.0	1,380.0	-	-		-	-	-	-	-	-
116	CC		Cecil County Bridge CE-0042, Mechanics Valley Rd over CS	Preservation	Road		10,150.0	-	-	-	10,150.0				-	-	-	-	-	-
117	CC		Cecil County Bridge CE0055, Belvidere Rd over CSX*	Expansion	Multimodal			950.0	370.0	7,350.0	8,670.0					-	950.0	370.0	7,350.0	8,670.0
118	CC		Cecil County Mid-County Transit Hub*	Management	Transit			1,000.0	250.0	250.0	1,500.0					-	1,000.0	250.0	250.0	1,500.0
119	CC	2030	I-95 / Belvidere Road Interchange	Expansion	Road	54,000.0	6,825.0	14,800.0	21,000.0	-	42,625.0				-	-	-	-	-	-
120	CC		MD 272 Bridge over Amtrak	Management	Multimodal	20,286.0	3,123.0	674.0	-	-	3,797.0	-	-		-	-	-	-	-	-
121	CC		MD 273 Bridge over Big Elk Creek	Preservation	Road	8,866.0	3,053.0	2.0	2.0	1.0	3,058.0	-	-		-	-	-	-	-	-
122	CC		Painting of Cecil County Bridges	Preservation	Road		-	-	80.0	80.0	160.0	-	-		-	-	-	-	-	-

line #	Location	AQ Model In-service Year				Draft Amended FY 2020-2023 Transportation Improvement Program (July 2020)										Difference 3/2019 FY 2020 -23 vs draft amendments				
			Increased funds vs. September 2020																	
			Decreased funds vs. September 2020																	
			New in draft amended TIP																	
			PROJECT TITLE (All \$ x 1,000)	WILMA PCO CATEGORY	MODE	Current Estimate Total	FY 2020 TOTAL	FY 2021 TOTAL	FY 2022 TOTAL	FY 2023 TOTAL	FY 20-23 TOTAL	FY 2024 TOTAL	FY 2025 TOTAL	FY 2026 TOTAL	FY 2027 TOTAL	FY 2020 TOTAL	FY 2021 TOTAL	FY 2022 TOTAL	FY 2023 TOTAL	FY 20-23 TOTAL
123	CC		Cecil County Transit	Preservation	Transit		1,424.0	2,786.0	1,207.0	1,342.0	6,759.0				-	217.0	1,444.0	-	-	1,661.0
124	CC		Susquehanna River Rail Bridge	Management	Transit		-	-	500.0	500.0	1,000.0	-	-		-	-	-	-	-	-
125	CC		Transportation Enhancements/Alternatives Program - Cecil	Management	Multimodal		50.0	50.0	50.0	50.0	200.0	-	-		-	-	-	-	-	-
126															-	-	-	-	-	-
127			Delaware Statewide Subtotal			2,803,551.1	503,567.8	508,857.2	386,570.1	333,757.9	1,732,753.1	372,657.1	385,167.1	361,454.5	363,055.6	124,580.8	201,370.8	74,070.3	22,801.5	422,823.4
128			New Castle County Subtotal			3,185,576.2	224,162.1	347,591.9	262,100.5	189,601.1	1,023,455.6	202,739.6	172,026.0	169,077.3	79,034.9	(69,499.1)	162,830.0	126,426.1	47,962.1	267,719.1
129			Cecil County Subtotal			83,152.0	42,198.0	38,292.0	41,489.0	27,603.0	149,582.0				-	(240.0)	3,394.0	(1,730.0)	7,600.0	9,024.0
130			TOTAL			6,072,279.3	769,927.9	894,741.2	690,159.6	550,962.0	2,905,790.7	575,396.7	557,193.0	530,531.7	459,008.8	54,841.7	367,594.8	198,766.4	78,363.6	699,566.5

WILMAPCO TIP QUICK GUIDE

The TIP is prepared by WILMAPCO in cooperation with the public and local transportation and land use agencies. Broad input is crucial because the TIP identifies regional priorities for how our federal, state and local transportation funding is spent.

How is the TIP Funded?

All federally funded projects must be included in the TIP and most federal funds require matching funds. Much of this revenue is from user fees such as the gas tax. State and local matches are also supplemented by borrowing, state and local taxes, and private funding.

\$1,600 million
Delaware / Maryland
55 %

Delaware/Maryland funds from fuel taxes, tolls, motor vehicle and other fees, & bonds

\$1,243 million
federal
43 %

Federal Highway Administration (FHWA) and Federal Transit Administration (FTA)

Other funding comes from local funds, developer contributions, toll bonds, and grants

\$62 million other 2 %

Where are the projects?

While projects are located throughout the region, Transportation Investment Areas define appropriate projects based on location, and direct the greatest resources toward serving the most population. WILMAPCO uses a prioritization process to identify benefits by location.

Cecil County 5 %

New Castle County 35 %

Delaware Statewide 60 %

The TIP document is grouped by Cecil County, New Castle County, and Delaware Statewide. Delaware Statewide contains funding for all counties in Delaware and projects do not specify amounts for New Castle County, for example Engineering and Contingency

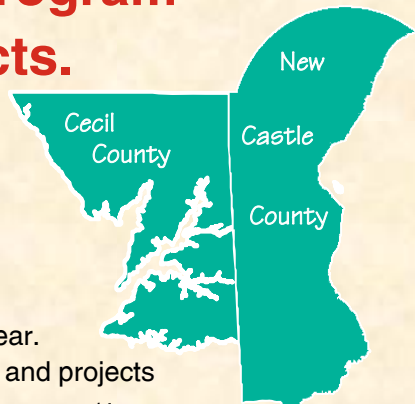
HAVE A SAY IN HOW YOUR TRANSPORTATION DOLLAR\$ ARE SPENT

WILMAPCO's Transportation Improvement Program (TIP) funds the region's transportation projects.

The TIP represents the first 4 years of your region's long-range plan, and prioritizes and documents planned projects including roads, buses, rail, bicycle and pedestrian improvements.

How can you participate?

- Stay informed—sign up for our monthly e-news and quarterly newsletter by visiting www.wilmapco.org or calling 302.737.6205
- Attend public meetings or invite us to speak to your group. TIP workshops are held each year. In addition, WILMAPCO, DeIDOT and MDOT host many public events on individual plans and projects
- Call us or E-mail comments to wilmapco@wilmapco.org or comment online at www.wilmapco.org/tip

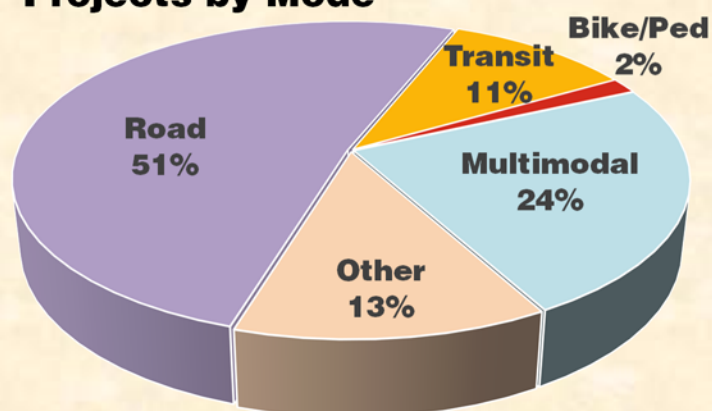


WHAT'S NEW: Draft amendment proposed to align TIP with the Delaware Bond Bill

- Contains almost \$3 billion in road, transit, rail, multimodal & bicycle/pedestrian projects, 32% more than the TIP approved in March 2019.
- New projects include:
 - Rail Preservation Maintenance Program - maintenance to sustain and upgrade the condition of the rail system.
 - Transportation Infrastructure Investment Fund - assistance for renovation, construction or other transportation improvements to attract new or expanded businesses.
 - 12th St. Connector – new multimodal road in Wilmington from 12th Street / North East Boulevard to 16th street bridge.
 - East 7th Street – stormwater management and pedestrian improvements.
 - Maryland Ave. and Monroe St. - improved intersection operations, multimodal improvements and a road diet.
 - Mill Creek Road and Stoney Batter Road - drainage improvements.
 - South Wilmington Infrastructure Improvements – projects to facilitate economic growth and development.
 - S. College Ave. Gateway – multimodal improvements from Main Street to SR 4 in Newark.
 - US 13 Median Barrier Replacement, SR 1 to Red Lion Road - replace existing concrete barrier with dual-faced guard-rail.
 - US 13: I-495 to PA Line – Bike, pedestrian and streetscape improvements.
 - Wilmington 5-point Monroe Street Improvements - improved DART maintenance and bus storage facility.

What Types of Projects are in the TIP?

Projects by Mode



Road—Exclusively for roads and highways

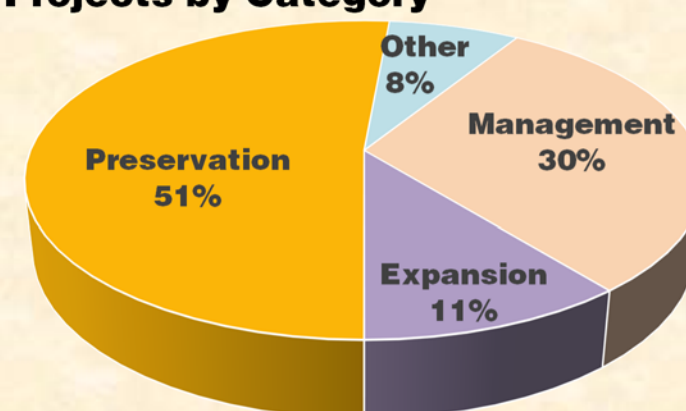
Transit—Bus, passenger rail or paratransit

Bicycle/walk—Pedestrian and cycling transportation

Multimodal—Serves cars, transit, freight, walking and bicycles in a balanced way

Other—Includes aeronautics, port, contingency funds, environmental, equipment, planning, etc.

Projects by Category



Preservation—Maintain an existing facility or service

Management—Enhance existing facility or service to sustain an acceptable level of service

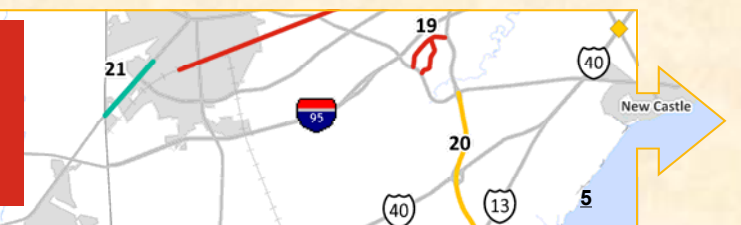
Expansion—New/expanded services and infrastructure

Other—Engineering & contingency, education & training, environmental program and planning

WILMAPCO

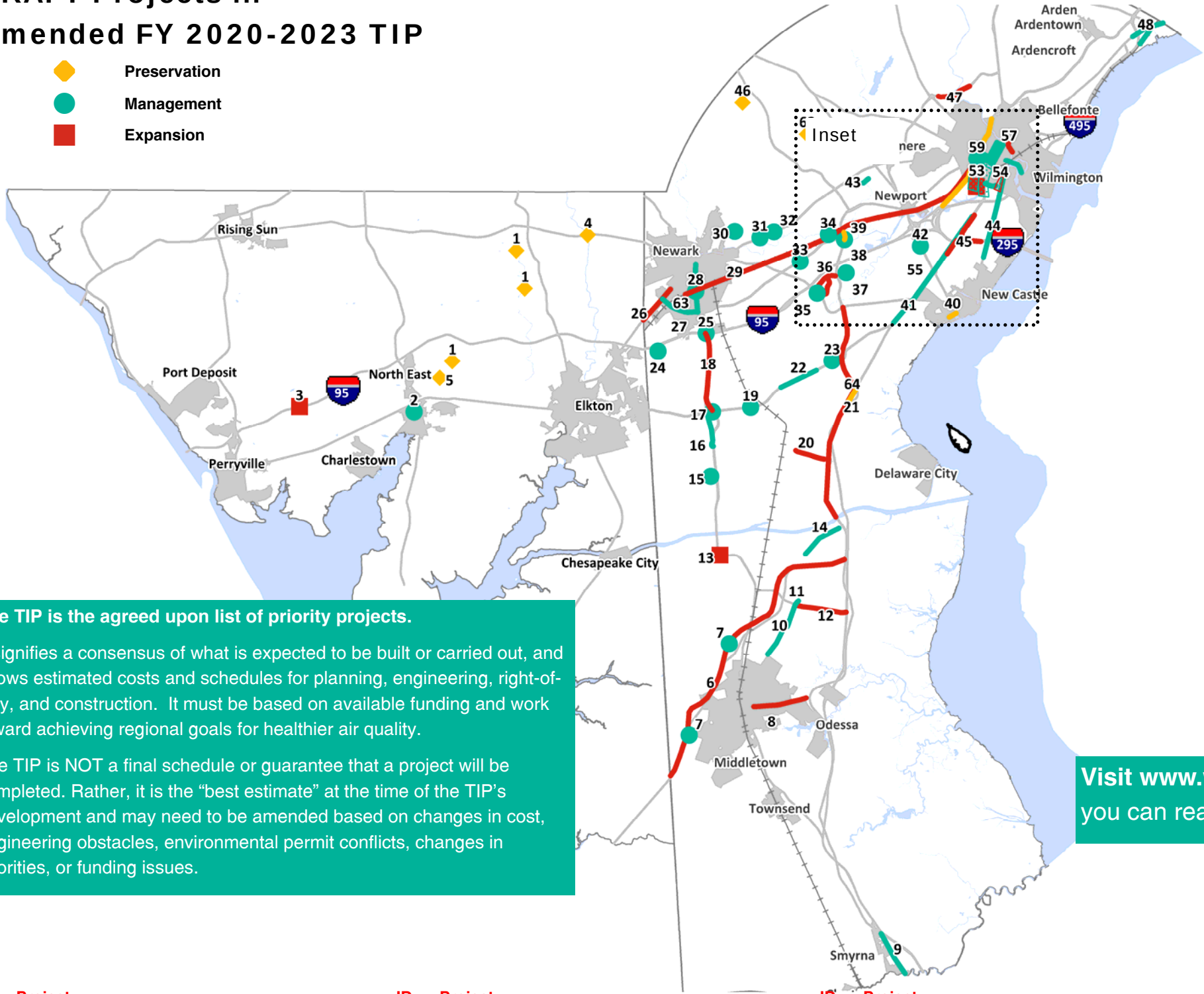
WILMINGTON AREA PLANNING COUNCIL
100 Discovery Blvd, Newark, DE 19713
302-737-6205 • wilmapco@wilmapco.org
WWW.WILMAPCO.ORG/TIP

**SEE INSIDE
FOR PROJECT
MAP**



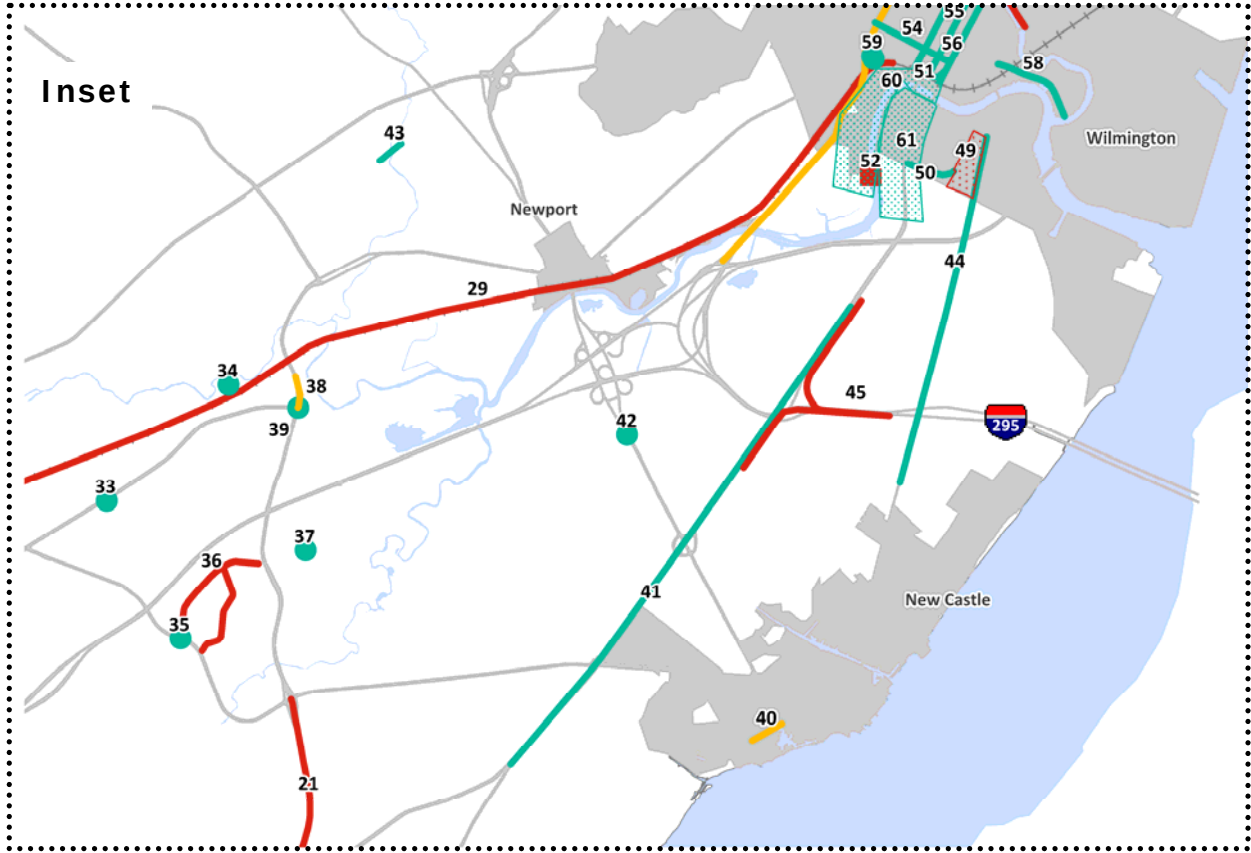
DRAFT Projects in Amended FY 2020-2023 TIP

- Preservation
- Management
- Expansion



The TIP is the agreed upon list of priority projects. It signifies a consensus of what is expected to be built or carried out, and shows estimated costs and schedules for planning, engineering, right-of-way, and construction. It must be based on available funding and work toward achieving regional goals for healthier air quality.

The TIP is NOT a final schedule or guarantee that a project will be completed. Rather, it is the “best estimate” at the time of the TIP’s development and may need to be amended based on changes in cost, engineering obstacles, environmental permit conflicts, changes in priorities, or funding issues.



Example Projects (areawide projects, not mapped)

- Road and bridge preservation
- Safety
- Transit Operating and Capital Funds
- Bicycle and Pedestrian Improvements and Recreational Trails Program
- Municipal Street Aid and Community Transportation Funds
- Intersection Improvements

Visit www.wilmapco.org/tip or call 302-737-6205 to learn more. In the TIP document, you can read all project descriptions and learn funding for each year and phase.

ID	Project
1	Cecil County Bridge Painting
2	MD 272 Bridge over Amtrak
3	I-95 / Belvidere Rd Interchange
4	MD 273 Bridge over Big Elk Creek
5	Mechanics Valley Rd Bridge over CSX
6	US 301: Maryland Line - SR 1
7	Middletown Park and Ride
8	SR 299: SR 1 - Catherine St
9	US 13: Duck Creek - SR 1
10	Cedar Ln: Marl Pit Rd - Boyds Corner Rd
11	Jamison Corner Rd: Relocated to Boyds Corner Rd
12	Boyds Corner Rd: Cedar Lane - US 13
13	SR 896 / Bethel Church Interchange

ID	Project
14	Lorewood Grove Rd: Rt 412A - SR 1
15	Denny Rd / Lexington Pkwy
16	Glasgow Ave
17	US 40 / SR 896 Interchange
18	SR 896 Widening
19	US 40 / SR 72 Interchange
20	SR 72: McCoy Road - SR 71
21	SR 1: Roth Bridge - SR 273
22	US 40: Salem Church Rd - Walther Rd
23	US 40 / SR 7 Intersection
24	Otts Chapel Rd / Welsh Tract Church Rd
25	I-95 / SR 896 Interchange
26	Elkton Rd: MD Line - Casho Mill Rd

ID	Project
27	SR 4: SR 2 - SR 896
28	Newark Train Station
29	Third Rail Track Expansion, Newark - Wilmington
30	Possum Park Rd / Old Possum Park Rd
31	SR 2 / Red Mill Rd
32	SR 2 / Harmony Rd
33	SR 4 / Harmony Rd
34	Fairplay Train Station
35	SR 273 / Chapman Rd
36	Road A/SR 7
37	New Castle County Transit Center
38	SR 7 Median Barrier
39	SR 4 / SR 7

ID	Project
40	SR 9, River Road Flood Remediation
41	US 13: US 40 - Memorial Dr Pedestrian
42	SR 141: I-95 - Jay Dr
43	Old Capital Trail: Newport Rd - Stanton Rd
44	SR 9: Landers Ln - A St
45	I-295 Improvements
46	Little Baltimore Pike
47	Tyler McConnell Bridge
48	Claymont Train Station
49	Southbridge Transportation Network
50	Garasches Lane
51	Wilmington Riverfront Program
52	Christina River Bridge

ID	Project
53	I-95: I-495 - N. of Brandywine River
54	4th St: Walnut St - I-95
55	King & Orange Sts: MLK Blvd - 13th St
56	Walnut St: Front St - 13th St
57	12th St Connector
58	E. 7th St
59	Maryland Ave / Monroe St
60	Monroe St New DTC Maint Facility
61	South Wilmington Infrastructure Improvements
62	Mill Creek Rd / Stoney Batter Rd Drainage
63	S College Ave Gateway
64	US 13 Median Replacement
65	US 13: I-495 - PA Line



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
800 BAY ROAD
P.O. Box 778
DOVER, DELAWARE 19903

JENNIFER COHAN
SECRETARY

July 2, 2020

Ms. Tigist Zegeye
Executive Director
WILMAPCO
100 Discovery Blvd
UD Star Campus Tower, Suite 800
Newark, DE 19711

Dear Ms. Zegeye:

Pursuant to the adoption of Wilmington Area Planning Council's (WILMAPCO) Fiscal Year 2020 - 2023 TIP and the Delaware Department of Transportation's Fiscal Year 2021 - 2024 STIP, I am recommending programming Federal funds for Fiscal Year 2021 projects as follows:

Surface Transportation Block Grant Program (STBG) (Population over 200,000) (Z230)

<u>Project</u>	<u>Amount</u>
Garasches Lane, Wilmington	\$2,388,000
SR141 Improvements, I-95 Interchange to Jay Drive	\$7,000,000
Statewide Rail Crossing Safety	\$4,652,000
Statewide Paving & Rehabilitation	\$3,000,000
Statewide Bridge Painting	\$709,374
Bridge Preservation (BR 1-022; 1-684; 1-242; 1-635)	\$4,904,000
Total:	\$22,653,374

Surface Transportation Block Grant Program (STBG) (Population 5K to 200K) (Z231)

<u>Project</u>	<u>Amount</u>
SR 299, SR 1 to Catherine Street	\$7,989,019
Total:	\$7,989,019

FTA Urbanized Area (5307)

<u>Project</u>	<u>Amount</u>
Preventive Maintenance - New Castle County	\$5,200,000
Claymont Station	\$9,631,954
NCC Transit Center	\$800,000
Transit Vehicle Replacement (20) 40' NCC FY22	\$3,075,132
Paratransit Replacement Buses NCC FY22	\$3,650,560
Beech Street Maintenance Building	\$2,400,000
Total	\$24,757,646



Congestion Mitigation/Air Quality (CMAQ) (Z400)

<u>Project</u>	<u>Amount</u>
Statewide Rideshare – Transportation Management Improvements	\$384,000
Statewide Bicycle and Pedestrian Improvements	\$4,032,565
Elkton Road – MD Line to Casho Mill Rd	\$3,000,000
Statewide Transportation Management Improvements	\$2,176,000
Total	\$9,592,565

FTA Elderly and Persons with Disabilities (5310)

<u>Project</u>	<u>Amount</u>
Statewide Transit Vehicle Replacement	\$458,596
Total	\$458,596

Transportation Alternatives Program (Z300, Z301, 5307)

<u>Project</u>	<u>Amount</u>
Statewide Transportation Alternatives (FHWA)	\$2,857,957
Transportation Alternatives Wilmington Urbanized Area (FTA)	\$160,000
Total	\$3,017,957

We respectfully request your approval by way of signature on this document. If you have any questions, please contact me at (302) 760-4819.

Sincerely,

APPROVED: _____
 Tigist Zegeye
 Executive Director


 Amanda Giuttari
 Sr. Fiscal Management Analyst, Finance

cc: Doug Atkin, Division Administrator, FHWA
 Theresa Garcia Crews, Regional Administrator, FTA
 Jennifer Cohan, Secretary
 Lanie Thornton, Director, Finance
 Shante Hastings, Director, Transportation Solutions
 Marc Cote, Director, Planning
 John T. Sisson, Chief Executive Officer, Delaware Transit Corporation
 Art Jenkins, Assistant Director, Finance

TAP and SRTS Status – Best Known information as of July 13, 2020; for FY 21

<u>Project</u>	<u>Project Manager</u>	<u>Description</u>	<u>Status</u>
TAP PROJECTS			
Wilmington Bike Improvements	T201320001 Jeff Niezgoda/Paul Moser	This project involves installing Sharrow lane markings, bicycle awareness signage and bicycle racks throughout the City base on the recommendations of "The City of Wilmington Bicycle Plan" PE Auth \$8,627.21; Planning \$913.90; Construction \$125,252.80 encumbered with \$44,230.32 in allotment balance	Effort is on-going
Miller Road Streetscape (Please note this is not a specific TAP project just so you know)	T201901101 Jeff Niezgoda	32 nd Street to Lea Boulevard: Removal and replacement of sidewalk and curbs in compliance with ADA, structural retaining wall, drainage improvements, milling and repaving, new striping and signage, and landscaping.	UNDER CONSTRUCTION; started 7/6/20 with completion late December
Concord Avenue Streetscape Improvements Phase II	T201620002 Chip Kneavel	This project proposes streetscape improvements along the 500,600 and 700 blocks of Concord Avenue within the City of Wilmington specifically between Baynard Blvd and Madison Street. work to include sidewalk repair, curb and curb ramps, improved signage and landscaping.	UNDER CONSTRUCTION nearing completion; primary inspection meeting 7/7/20
Brandywine South Pedestrian and Trail Improvements	T201620006 Todd Pryor	This project is located in Wilmington on the south side of Brandywine Creek in the vicinity of Water Division's raceway. Scope of work involves removal and replacement of the sidewalks, curb ramps in compliance with ADA, pedestrian connection upgrades, the installation of an upgraded traffic signal, new signage, and landscape improvements.	UNDER CONSTRUCTION; started 7/6/20 with completion mid-October
Old Brandywine Village Phase II	No Number yet Chip Kneavel	Continuation of Phase I along Concord Ave. Confirming needs for proposal.	Scope Development
Old Brandywine Village Streetscape Improvements	T201620010 Chip Kneavel	This project is located within the City of Wilmington on Concord Avenue from Madison Street to Market Street, across Market Street and continuing down Vandeventer Avenue to Jessup Street. work to include general streetscape improvements.	UNDER CONSTRUCTION nearing completion primary inspection meeting 6/23/20
Southbridge Streetscape Improvements Phase II	T201620011 Mike Hahn	Project is in the City of Wilmington that will include pedestrian upgrades extend south of A Street along Heald Street and New Castle Avenue to Townsend Street. Signal at B Street and Wayfinding entrance sign at C Street. Decorative street lighting in various locations.	PS&E July/August 2020
9th Street, Phase II	T201620013 Chip Kneavel	This project is on West 9th street from Orange St. to Tatnall St. Improvements include sidewalk and curb replacement, ADA compliance, installation of decorative lighting and street tree replacement	Awarded; scheduling pre-construction & starting date for schedules; construction summer 2020

TAP and SRTS Status – Best Known information as of July 13, 2020; for FY 21

Walnut Street Pedestrian and Streetscape Imp.	T20160014 Todd Pryor	This project improves Walnut Street and 13 th Street including signal upgrades, new sidewalks, curb ramps in compliance with ADA, lighting, and landscape improvements along Walnut Street from 13 th Street to 14 th Street and part of Kennebec Street from Walnut Street to Wilson Street	UNDER CONSTRUCTION 6/15/20 with completion late Dec.
White Clay Creek Bridge	T201620001 Aglio; Niezgoda	New separated pedestrian bridge crossing over WCC adjacent to Papermill Road.	PS & E Spring 2021
Bizarre/Anderson Dr., Morehouse Dr., & Hillview Ave, Route 9	T201820006 Planning Concept number only Mike Hahn	Sidewalk improvements along selected roads along route 9 south of Wilmington. Components of Rt9 Land Use & Transportation Master Plan.	Concept planning; virtual workshop planned summer 2020
H. Fletcher Brown Park	T201620017 Todd Pryor	Awaiting near completion of I-95 to start back up due to proposed changes in traffic and travel lanes with the intent of this project.	ON HOLD
Saint Georges Streetscape, Phase III	T201620003 Todd Pryor	Streetscapes Phased- sidewalks and ADA compliance. Engineers estimate over 1M+; once extra TAP monies have been freed-up they will contribute to get this advertised this FY. Still determining shortfall/extra funds.	PS & E ON HOLD; underfunded; TCE's needs have begun
Safe Routes to School Projects			
Downes Elementary	T201769008 Chip Kneavel	Bike Ped Improvements along Casho Mill Rd	Final Plan with PS & E for August/Sept 2020
Wilmington Montessori	T201769011 Chip Kneavel	Pedestrian Improvements at Harvey and Sconset	Preliminary design engineering; NTP 3/25/20
Eisenberg	T202069004 Chip Kneavel	Pedestrian Improvements around Eisenberg Elementary	Semi-final plans sent for comment 7/7/20; virtual workshop summer with others
McCullough	T202069008 Chip Kneavel	Pedestrian improvements around McCullough Middle	Semi-final plans sent for comment 7/7/20; virtual workshop with others
Bayard Middle	Needs Number Chip Kneavel	Concept – signing and striping likely; gathering needs	Concept Planning
Claymont Phase II	T201769005 Chip Kneavel	Pedestrian Improvement on Green and Commonwealth Streets	Final Plans; PS& E likely in Sept/Fall

Statewide Bike/Ped Program

Construction Projects

- 1. Miller Road Streetscape Improvements, T201901101 (New Castle County)**
 - a. Construction underway. Scheduled to be completed December 2020.

Final Design Projects

- 2. Georgetown to Lewes Rail with Trail, Phase VIII (Georgetown Little League Facility to Airport Road) T201930001 (Sussex County)**
 - a. Design underway
 - b. PS&E scheduled for December 2020; Construction Spring/Summer 2021
 - c. This project will include connection to Sussex Academy, Georgetown Gateway Project and proposed Sussex County Park.
- 3. Georgetown to Lewes Trail, Cool Spring Road to Fisher Road T202030001 (Sussex County)**
 - a. Design underway
 - b. PS&E scheduled for April 2021.
- 4. Double Bridges Road Multi-Use Trail T201769009 (Sussex County)**
 - a. Design scheduled to start August 2020.
- 5. Munchy Branch Trail T201801701 (Sussex County)**
 - a. Design underway
 - b. PS&E June 2021; Construction fall 2021
- 6. Capital City Trail, S. State Street to US13 T201830001 (Kent County)**
 - a. Design underway
 - b. PS&E scheduled for April 2021.

**Federal Fiscal Year 2020 Obligation Plan
State Fiscal Year 2021 Spend**

7/27/2020

ITMS State Fiscal Year 2021 Spend

Description	Federal Amount	State Amount	Total	STP/ CMAQ	Justification
ITMS Planning and Engineering	\$1,000,000.00	\$250,000.00	\$1,250,000.00	STP	Planning and Engineering consultant support to provide traffic signal software on-call support, on-call ITS planning and engineering, University of Delaware ITS Lab support, transportation homeland security and emergency management planning support, FCC required WTCM radio engineering, Transportation Management Team (TMT) program support, TMC Technician training, and ITMS related software development and network support.
ITMS Planning and Engineering	\$640,000.00	\$160,000.00	\$800,000.00	CMAQ	Planning and Engineering consultant services to provide traffic signal timing analysis; ITMS systems design; development of ITMS systems related specifications; ITMS telecommunications system design to support statewide expansion of computerized traffic signal system, transportation system monitoring devices, and travel information systems. Work under this project includes the review and retiming of signalized corridors statewide, design of microwave vehicle and video based detection systems, the continuation of design to computerized signal system sampling detection sites statewide, and design of roadway weather stations. Work will also include the design of DSRC, 4.9 GHz and cell based sites to support connected automated vehicles.
ITMS/TMC Systems	\$320,000.00	\$80,000.00	\$400,000.00	STP	Provides for purchase of ITMS related Transportation Management Center (TMC) computers and networking equipment, ITMS related software as required to support the continued expansion of the statewide ITMS system, including enhancement of the computerized signal system. Includes central office related software to support the continued implementation of connected and automated vehicles.
ITMS Telecommunications	\$880,000.00	\$220,000.00	\$1,100,000.00	CMAQ	This project is a phase of a multi-year project to implement a fiber optic and wireless based statewide telecommunication system to support connection of facilities and transportation management control, monitoring and information field devices; to include traffic signals, electronic signing, electronic detection, travel information systems, and etc. This phase includes the installation/upgrade of ITMS fiber optics and wireless networks. Continued implementation of 4.9 GHz and 900 MHz statewide broadband wireless telecommunication systems to support expansion of the ITMS as defined in the 2017 Integrated Transportation Management System (ITMS) Strategic plan.
ITMS Field Devices /Support - Traffic Signal System	\$160,000.00	\$40,000.00	\$200,000.00	CMAQ	This project is a phase of a multi-year project to enhance DelDOT's traffic signals and the computerized signal system. This will continue to add more signals to the computerized system as well as enhance signal controllers to provide connected and automated vehicle technology support statewide. This support will also include enhancement to the Tactics signal software system to integrate artificial intelligence and machine learning based technologies.

**Federal Fiscal Year 2020 Obligation Plan
State Fiscal Year 2021 Spend**

7/27/2020

ITMS State Fiscal Year 2021 Spend

ITMS Field Devices /Support - Video Management System	\$300,000.00	\$75,000.00	\$375,000.00	STP	This is the enhancement of the video management system. This includes the addition of fixed location, portable trailer, and vehicle mounted cameras statewide. The project includes the planning and implementation of video based turning movement count and incident detection technology.
ITMS Field Devices /Support - Traffic Detection and Travel Times	\$496,000.00	\$124,000.00	\$620,000.00	CMAQ	This is a phase of a multi-year project to design, construct and implement both fixed location and portable electronic traffic detection devices. The detection will be with microwave, bluetooth and video based technologies that can be controlled and monitored real-time from the TMC. The devices will provide the capability to gather travel information and vehicle data at key points statewide.
ITMS Field Devices /Support - Electronic Detection System	\$332,000.00	\$83,000.00	\$415,000.00	STP	This is a continuation phase of a multi-year project to implement a statewide automated real-time vehicle detection system. The detection system will provide a variety of information to include vehicle volumes, classification, speed, travel time and congestion monitoring. The collected data will be used for real-time control, monitoring and information plus the data will be stored
ITMS Field Devices /Support - Roadway Weather Information System - Hydrology	\$120,000.00	\$30,000.00	\$150,000.00	STP	This project is a planned multi-year project to expand the existing roadway weather information system flood monitoring sites. This phase is a continuation of work on expansion and upgrades to existing water level monitoring sites.
ITMS Field Devices /Support - Incident Management Program	\$104,000.00	\$26,000.00	\$130,000.00	STP	materials and equipment to support DelDOT's transportation management related UAS (Drone) program. The UAS program provides enhanced planning, survey, traffic study and transportation management response and operation capabilities. This project also continues to support aerial monitoring services provided by the Civil Air Patrol (CAP). The CAP provides daily flights morning and evening peak periods and provide information to the TMC on the status of the transportation system to include the impact of incidents such as accidents and disabled vehicles.
TOTAL FY19 PROGRAM	\$4,352,000.00	\$1,088,000.00	\$5,440,000.00		

STP	\$2,176,000.00	80%	\$2,720,000.00
CMAQ	\$2,176,000.00	80%	\$2,720,000.00
TOTAL FY 19 PROGRAM	\$4,352,000.00	80%	\$5,440,000.00