



MEMORANDUM

TO: TPB Steering Committee
FROM: Andrew Austin, TPB Transportation Planner
SUBJECT: Changes to the Proposed Update of the District of Columbia Section of the FY 2017-2022 Transportation Improvement Program
DATE: October 27, 2017

On November 16, 2016, the TPB approved the FY 2017-2022 Transportation Improvement Program (TIP) along with the 2016 Amendment to the Financially Constrained Long-Range Transportation Plan (CLRP) and the Air Quality Conformity Analysis of the CLRP and TIP. On October 12, 2017 notice was provided that the District Department of Transportation (DDOT) had requested an amendment to update all projects and funding in the District’s section of the FY 2017-2022 TIP to match its draft FY 2018-2022 State Transportation Improvement Program (STIP). This notice marked the start of a 30-day public comment and inter-agency review period that will conclude on November 11. The funding programmed in the proposed amendment totaled approximately \$2.17 billion. The TPB was briefed on this amendment request at its October 18 meeting.

Since the draft amendment was released for public comment, DDOT has requested 12 corrections that would add another \$339 million, bringing the District’s section of the FY 2017-2022 TIP total to \$2.5 billion. TPB staff have reviewed the projects and the requested corrections. All projects subject to correction were included in the FY 2017-2022 TIP as it was approved in November 2016. The only new TIP record is for a project that is being broken out of a larger project grouping. Four of the projects are included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 TIP: South Capitol Street Corridor, Benning Road Streetcar Extension, Union Station to Georgetown Premium Transit – K Street Transit, and H Street Bridge Over Railroad. The remaining projects are exempt from the air quality conformity requirement. The proposed corrections will not impact the scope or scheduled completion of any of these projects. Please see the listing below and the attached TIP tables for a full description of the proposed corrections.

TPB staff asks that the Steering Committee review these proposed corrections at its November 3 meeting and recommend to the TPB for approval as part of the amendment to the FY 2017-2022 TIP when it acts on November 15, 2017.

PROPOSED CORRECTIONS

TIP ID	Page	Title/Correction Description	Total Change (Millions of \$)
3212	31	<u>Safety Improvements Citywide</u> Add a total of \$918,000 in SPR and local funding for PE between FY 2018 and FY 2022.	\$0.918
3228	34	<u>Metropolitan Branch Trail</u> Add \$11 million in CMAQ and local funding for construction in FY 2019.	\$11.000

TIP ID	Page	Title/Correction Description	Total Change (Millions of \$)
3423	36	<u>South Capitol Street Corridor</u> Add \$12.406 million local funding for construction in FY 2018, \$17.681 million in FY 2019 and \$85.878 million in FY 2020.	\$103.559
5322	38	<u>Preventive Maintenance and Repair of Stormwater Pumping Stations</u> Add \$8.891 million in local funding for PE between FY 2018 and FY 2022.	\$8.891
5350	40	<u>Streetlight Asset Management & Streetlight Construction - Local</u> Increase local funding for construction in FY 2018 from \$8.7 million to \$9 million, in FY 2019 from \$8.7 million to \$9.216 million, in FY 2020 from \$8.7 million to \$9.437 million, and add \$6.979 million to FY 2021 and \$7.147 million to FY 2022.	\$15.679
5385	41	<u>Streetlight Asset Management - Federal</u> Include "Citywide Streetlight P3" in description. Reduce NHPP and local match funding for construction in FY 2018 from \$8.247 million to \$1.132 million, and in FY 2020 from \$10.419 million to \$2.959 million. Funding reprogrammed in break-out project, TIP ID 6614 below.	-\$14.575
5754	42	<u>Benning Road Extension</u> Add \$1 million in local funding for PE in FY 2018, \$7 million for construction in FY 2021, and \$31.5 million in FY 2022 for construction and other.	\$39.500
5755	43	<u>Union Station to Georgetown Premium Transit; K Street Transit</u> Reduce local funding for construction in FY 2018 from \$24.28 million to \$1 million and reprogram for PE; reduce local funding for construction in FY 2019 from \$45.014 million to \$5.12 million and reprogram for PE.	-\$63.174
5922	44	<u>District Freight Plan</u> Add NHFP and local matching funds for PE: \$130,000 in FY 2018; \$136,000 in FY 2020; and \$143,000 in FY 2022.	\$0.409
6039	45	<u>H Street Bridge over Railroad</u> Add \$203.457 million in local funding for construction between FY 2018 and FY 2020.	\$203.457
6195	47	<u>Florida Avenue Streetscape</u> Change title from "Florida Avenue Transportation Study" to "Florida Avenue Streetscape" and add \$18.596 million in STP and local matching funds for construction in FY 2020.	\$18.596
6614	53	<u>Pennsylvania Ave. Streetlight Upgrade from 2nd St. SE to Barney Circle SE</u> Breakout project from Streetlight Asset Management_ Federal (TIP ID 5385) with \$14.575 million in NHPP and local match funding for construction.	\$14.575

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3212 Agency ID: CB0, CI0 Title: Safety Improvements Citywide			Total Cost:							
Facility: Citywide	HSIP	90/10/0		3,050 a	5,325 a	5,453 a	5,584 a	5,718 a	5,855 a	51,936
From:				565 c	4,008 c	3,950 c	4,045 c	4,142 c	4,241 c	
To:	SPR	80/20/0			175 a	179 a	184 a	188 a	192 a	918
	STP	83/17/0			1,550 a	1,536 a	2,097 a	1,611 a	1,649 a	9,230
					150 c	154 c	157 c	161 c	165 c	
	STP 1	80/20/0		560 a						935
				375 c						
Total Funds:										63,019

Description: Safety improvements provide a safe traveling environment for vehicular traffic, pedestrians and bicycle circulation within the District on Federal-aid and local roads. Work includes elimination or relocation of roadside visual obstructions; elimination or relocation of roadside obstacles; skid resistance resurfacing; modifications to traffic channeling; median replacement; traffic signals, signs, and lighting upgrades; installation of pavement markings to eliminate or reduce accidents; and installation of safety fences at overhead structures. Safety improvements are systematically identified through analyses of accident records, inspections, surveys, and citizen requests. The District maintains an inventory of locations with the highest number of reported accidents. Funding identified to be obligated District-wide as projects are identified.

- a. City-Wide Traffic Safety
- b. CW Road Safety Audit Program
- c. Pavement Skid Testing
- d. Traffic Accident Reporting and Analysis System (TARAS)
- f. Traffic Safety Data Center at Howard University
- g. Traffic Safety Design Program - HSIP
- h. Traffic Safety Engineering Support Services
- i. Traffic Sign Inventory Upgrade
- j. Traffic Data Collection and Analysis Service
- k. Work Zone Project Management System (CWTMP)
- l. 16th Street NW Circle (Blair Circle) Improvements
- m. Alabama Avenue SE Safety Study
- n. CCTV Cameras
- o. Transportation Asset Management Plan
- p. Traffic Engineering Design
- q. Traffic Safety IDIQ Construction

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3219 Agency ID: ZU022A Title: Commuter Connections Program									Total Cost: \$4,900

Facility:	CMAQ	80/20/0	2,800 a	700 a	1,357 a	717 a	734 a	752 a	770 a	5,030
From:										
To:										
									Total Funds: 5,030	

Description: The purpose of the Commuter Connections Program is to reduce mobile source emission through the reduction in the number of VMT, and support of other Transportation Control Measures. This project provides funding for Commuter Operations Center, Guaranteed Ride, Home, Marketing, Monitoring and Evaluation, Employer Outreach, and DC Kiosk.

TIP ID: 3228 Agency ID: AF073A, ZU024 Title: Metropolitan Branch Trail									Total Cost: \$7,432
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Facility: Union Station District Line	CMAQ	80/20/0	400 a	3,300 c		11,000 c				14,300
From:										
To:										
	DEMO	80/20/0	1,892 a	300 a						300
									Total Funds: 14,600	

Description: The Metropolitan Branch Trail project will provide a 6.25-mile bicycle/pedestrian trail from Union Station north to the District Line along the railroad right-of-way. This trail will connect at the District line with a route continuing into Silver Spring MD. This project is intended to serve both recreational users and commuters to meet Transportation Control Measures (TCMs) and air quality objectives.

- a. L & M St.
- b. Ft. Totten

TIP ID: 3230 Agency ID: AF005A Title: Rock Creek Park Trail									Total Cost: \$14,000
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Facility: M Street to Beach Drive	CMAQ	80/20/0	3,000 c		10,050 c					10,050
From: Piney Branch Pkwy										
To: 16th Street	DEMO	80/20/0	500 a							
									Total Funds: 10,050	

Description: Rehabilitate the paved trail in Rock Creek Park including selected widening, resurfacing, new connections, and a new bridge south of the Zoo tunnel. Retaining wall repair on Piney Branch.

TIP ID: 3232 Agency ID: CM064A, ZUT0 Title: Bicycle and Pedestrian Management Program									Total Cost:
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Facility: Citywide	CMAQ	80/20/0	250 a	1,165 c	1,000 c	2,048 c	1,049 c			5,262
From:										
To:										
									Total Funds: 5,262	

Description: The goal of this project is to increase the safety and convenience of bicycle and pedestrian travel. It includes the widening of existing routes, curve realignment, grade reduction, and signage and lighting upgrades. Included in the Bicycle and Pedestrian Management Program is:

- a. Bicycle Parking Racks
- b. Bicycle Lanes and Signs (mark dedicated bicycle lanes, including signage)
- c. BIKE_Capital Bikeshare (CaBi)

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3355 Agency ID: PM086A Title: Professional Capacity-Building Strategy									Total Cost: \$7,000
Facility: Citywide	STP	100/0/0		1,250 a	1,024 a	1,049 a	1,074 a	1,100 a	5,497
From:									
To:	STP 1	80/20/0	4,000 a	1,000 a					1,000
									Total Funds: 6,497

Description: This project provides training and educational experiences to build the technical capability and functional knowledge of DDOT employees to be a high-performing DDOT organization that will enhance community involvement and improve management's capacity.

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3423 Agency ID: AW011, AW024 Title: South Capitol Street Corridor									Total Cost: \$554,172
Facility:	DEMO	80/20/0	103,918 c						
From: N St, MLK Ave, Suitland Pkwy, Memorial Bri									
To:	GARVEE	80/20/0	48,690 c	84,270 c	76,330 c				209,290
	NHPP	80/20/0	12,300 c	12,300 c					24,600
	State	0/100/0	53,620 c	34,420 c	16,700 c	41,984 c	85,878 c		178,982
									Total Funds: 412,872

Description: Redevelopment of the South Capitol Street corridor is a part of the Anacostia Waterfront Initiative. Concept plans for the replacement of the Frederick Douglas Memorial Bridge are under development as part of the EIS currently being prepared for the corridor.

- a. New Frederick Douglass Memorial Bridge: Full replacement and realignment of the Frederick Douglass Memorial Bridge.
- b. Reconfigure the interchange at Suitland Parkway and I-295: The improvements include the removal of existing cloverleaf ramps at the interchange, replacing them with a diamond interchange. The diamond interchange will include two at-grade signalized intersections, one at the I-295 northbound ramps and the other at I-295 southbound ramps.
- c. Reconfigure the interchange at Martin Luther King Jr. Ave. and Suitland Parkway. The existing MLK Jr. Bridge over Suitland Parkway will be replaced and a center ramp signalized interchange will be created to allow full movements to and from Suitland Parkway to MLK Jr. Ave.
- d. Boulevard streetscape treatments along South Capitol Street from between N Street and the SE/SW Freeway. In this segment, South Capitol Street will be rebuilt as a six-lane boulevard divided by a landscaped median.
- e. New Jersey Avenue Streetscape improvements: The streetscape concept will restore a consistent design to the avenue between the SE-SW Freeway and M Street SE.

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5298 Agency ID: AF067A Title: Emergency Transportation Project									Total Cost: \$175
Facility: C ITYWIDE	STP	83/17/0		25 c	26 c	26 c	27 c	27 c	131
From:									
To:	STP 1	80/20/0	75 c	25 c					25
									Total Funds: 156

Description: The purpose of this project is to provide a vehicle that allows the Department to respond to emergencies or other unforeseen events that are not budgeted or planned. It is always to plan for emergency work such as major pavement failures, such as sinkholes, falling steel and concrete from bridges and other urgent needs. The project will enable the Department to quickly respond to any emergency without delay.

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5316 Agency ID: CD062A Title: Impact Attenuators and Guiderails			Total Cost:						
Facility: Citywide	HSIP	90/10/0	925 a	2,481 a					2,481
From:			7,700 c						
To:	HSIP 1	100/0/0		3,831 c		3,424 c	161 a	4,288 c	13,761
							2,057 c		
Total Funds:									16,242

Description: This project repairs, replaces and upgrades safety appurtenances on and off the Federal-aid Highway System that have been damaged by errant vehicles, and replaces units that do not meet the requirements of NCHRP (National Cooperative Highway Research Program) Report 350. Work also includes construction of guiderails and attenuators at new locations and removal of units in locations where they are no longer needed.

TIP ID: 5322 Agency ID: CM085A Title: Preventive Maintenance and Repair of Stormwater Pumping Stations			Total Cost: \$3,336							
Facility:	CMAQ	80/20/0	1,050 a	600 a	400 a	410 a	419 a	429 a	440 a	2,698
From:										
To:	State	0/100/0	1,569 a	1,000 a	1,400 a	2,048 a	2,097 a	2,147 a	2,199 a	10,891
Total Funds:									13,589	

Description: Maintain DDOT's environmental management system and update, as necessary, the DDOT Environmental Policy and Process manual. This project will also enable the review and processing of environmental documentation.

TIP ID: 5323 Agency ID: MNT06A, SR09 Title: Condition Assessment			Total Cost:							
Facility: citywide	State	0/100/0	700 a							
From: citywide										
To:	STP	83/17/0		1,681 a	1,721 a	1,762 a	1,805 a	1,848 a	8,817	
	STP 1	80/20/0	3,300 a	1,000 a					1,000	
Total Funds:									9,817	

Description: This project will be used to retain a vendor to perform data collection and analysis of DDOT's pavement conditions.

TIP ID: 5334 Agency ID: CD052A Title: Safety Improvements of Benning Road Bridges over Kenilworth Ave			Total Cost: \$23,000						
Facility: Benning Road over Kenilworth	NHPP	80/20/0	4,621 a	7,000 a					7,000
From:									
To:									
Total Funds:									7,000

Description: Structural design of three bridge alternatives. The project scope includes infrastructure improvements within vicinity of the bridges, including construction of handicap ramps according to ADA guidelines.

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

			Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5347			Agency ID: CI046A, CI047			Title: Traffic Signal Maintenance NHPP-STP					Total Cost: \$59,000	
Facility:	Citywide		HSIP	90/10/0		500 c						500
From:	Citywide		NHPP	83/17/0			650 c	1,280 c	1,311 c	1,342 c	1,374 c	5,957
To:	Citywide		NHPP 1	80/20/0		1,925 c						1,925
			STP	83/17/0			2,300 a	4,403 a	2,412 a	2,470 a	3,628 a	61,830
							14,800 c	7,654 c	7,864 c	8,053 c	8,246 c	
			STP 1	80/20/0		2,750 a						8,550
						5,400 c						
						400 d						
											Total Funds: 78,762	

Description: Provide effective and efficient maintenance services for the traffic signal systems throughout the District of Columbia.

Support the Traffic Signal Group of DDOT TOA in providing traffic engineering studies and signal system analysis and management for the city's roadway system. This projects mission is to perform signal warrants. Projects include:

- a. Citywide Traffic Signal Construction Contract
- b. Citywide Traffic Signal Construction Contract (National Highway System Routes)
- c. Traffic Signal Consultant Design
- d. Traffic Signal Optimization
- e. Traffic Signal Uninterruptible Power Supply
- f. Traffic Signal Maintenance - NHPP
- g. Traffic Signal Maintenance - STP
- h. Asset Inventory, Preliminary Design and RFP Development for Improved Signal System and Communication Network
- i. Traffic Signal Systems Analysis
- j. Implementation of Freeway Traffic Management System
- k. Traffic Signal On-Site Support Services
- l. Transit Signal Priority

TIP ID: 5350			Agency ID: AD304			Title: Streetlight Asset Mgmt & Streetlight Construction - Local					Total Cost: \$10,500		
Facility:	Citywide		State	0/100/0		4,836 a	300 a	9,000 c	9,216 c	9,437 c	6,979 c	7,147 c	50,479
From:						60,789 c	8,400 c						
To:													
											Total Funds: 50,479		

Description: This project will provide maintenance of streetlights, alley lights, alley tree trimming for blockage of alley lighting, knockdowns, and asset inventory for lighting on non-federally-funded streets.

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5353 Agency ID: ED028A Title: Roadway and Bridge Improvement on Southern Avenue and Bridge #64 (over Winkle Do									Total Cost: \$19,100
Facility: Southern Avenue	STP	83/17/0				12,059 c			12,059
From: South Capitol Street									
To: 23rd Street	STP 1	80/20/0	2,200 a	15,500 c					15,500
Total Funds:									27,559

Description: The purpose of this project is to identify solutions that improve the livability of the Southern Avenue corridor from South Capitol Street SE to 23rd Street SE.

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5385 Agency ID: AD020A Title: Streetlight Asset Mgmt - Federal									Total Cost:
Facility: Citywide	NHPP	83/17/0		1,132 c	4,786 c	2,959 c	3,030 c	3,102 c	15,009
From:									
To:	NHPP 1	80/20/0		3,384 c					3,384
	STP	83/17/0			1,722 c	7,283 c	12,251 c	4,610 c	4,721 c
	STP 1	80/20/0		5,383 c					5,383
Total Funds:									54,363

Description: This project will provide maintenance for the District's aging lighting system to provide safe operations. Work includes upgrade of lights in tunnels and underpasses, bridges, highways, overhead guide sign lighting, obsolete incandescent and mercury vapor lights as well as navigation lights on bridges and waterways. Projects include:

- a) Street Light Replacement
- b) Streetlight Design Services
- c) Streetlight System Upgrade
- d) Streetlight Conversion
- e) Electrical Upgrade
- f) CW painting of street light and traffic signal poles
- g) CW Street and Bridge Light Maintenance
- h) Multiple Circuit Conversion
- i) Streetlight Asset Management
- j) Highway Lighting
- k) Emergency Response to Knockdowns
- l) Citywide Streetlight P3**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5433 Agency ID: PM094A, CD05 Title: Bridge management Project/AASHTOWARE									Total Cost: \$2,125
Facility: Citywide	NHPP	83/17/0		325 a	333 a	341 a	349 a	357 a	1,705
From: Citywide									
To:	NHPP 1	80/20/0		300 a					300
	STP	83/17/0			316 e	307 e	315 e	333 e	341 e
	STP 1	80/20/0		300 e					300
Total Funds:									3,917

Description: This project provide funds to support the Bridge Management Program and to pay the annual Points license fee.

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$,000)**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
TIP ID: 5439 Agency ID: AD017A Title: Citywide streetlight construction			Total Cost:							
Facility: citywide	STP	83/17/0		300 a	307 a	315 a	322 a	330 a	15,738	
From: citywide				2,700 c	2,765 c	2,831 c	2,899 c	2,969 c		
To:	STP 1	80/20/0	250 a						1,765	
			1,515 c							
Total Funds:									17,503	

Description: This project will provide installation/construction of the District's aging streetlight systems to provide safe operations. Work includes upgrading of lighting in tunnels, freeway air rights, overhead signs structures, and obsolete navigational lights on bridges.

TIP ID: 5554 Agency ID: HTF02A Title: Garvee Bond Debt Service			Total Cost: \$82,390						
Facility:	NHPP	100/0/0		14,100 c	14,438 c	14,785 c	15,140 c	15,503 c	73,966
From:									
To:	NHPP 1	80/20/0	35,301 c	11,774 c					11,774
Total Funds:									85,740

Description: This project consist of rehabilitation of existing deck, steel beams.

TIP ID: 5723 Agency ID: AW027A Title: St. Elizabeths Campuses Access Improvements			Total Cost: \$108,980						
Facility:	GSA Earmark	80/20/0	8,860 a	137,000 c	24,800 c				161,800
From:			43,900 c						
To:									
Total Funds:									161,800

Description: Multimodal transportation improvements to accommodate the DHS consolidation at ST. Elizabeths East and West Campuses, and other nearby development. West Campus project will improve access and transportation flow in and around the area. Improvements include I-295 interchange reconfigurations, roadway, safety, ITS and operational improvements to nearby streets. Project details include:

- a. I-295 interchange reconfigurations – I-295/Malcolm X Ave., I-295/South Capitol St.; Malcolm X Ave. east and west of I-295- (PE)
- b. Roadway infrastructure in and around the two campuses – 13th St., Sycamore St., Dogwood St., Pecan St. Cypress St., and West Campus Access Rd. - (PE)
- c. MLK Ave, Malcolm X Ave., Firth Sterling, Alabama Ave. - (PE)

TIP ID: 5754 Agency ID: CM080A Title: Benning Road Extension			Total Cost: \$82,750						
Facility: Streetcar Line	CMAQ	80/20/0	3,200 a						
From:									
To:	NHPP	83/17/0			7,168 a		42,413 c	33,535 c	83,116
	State	0/100/0	5,400 a	23,614 c	1,000 a		7,000 c	26,500 c	63,114
								5,000 e	
Total Funds:									146,230

Description: The Benning Road Streetcar Extension is a 1.95-mile surface fixed guide way transit line that includes electrically powered streetcar vehicles operating along tracks located within the existing street and travel lanes. The NEPA study will address potential impacts of the project, as well as, preliminary engineering (conceptual) for the line.

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5755 Agency ID: STC12A Title: Union Station to Georgetown Premium Transit; K Street Transit									Total Cost: \$76,290
Facility: Premium Transit	CMAQ	80/20/0	1,500 d						
From:									
To:	NHPP	80/20/0		7,500 a					7,500
	State	0/100/0	4,250 a		1,000 a	5,120 a			6,120
			7,000 c						
									Total Funds: 13,620

Description: DDOT received an alternatives analysis grant from the Federal Transit Administration to study premium transit options from the Union Station to Georgetown. Premium transit is high quality transit that offered improved liability and speed. The purpose of the AA study is to provide premium transit between Union Station and Georgetown. The Nepa document will select a preferred alternative to move to design and construction for premium transit. Also included in this project is an extension study to continue the transit Northwest. This project also includes K Street Transit Streetscape construction funding.

TIP ID: 5792 Agency ID: ED0C2A Title: C Street NE Implementation									Total Cost:
Facility: C Street/N. Carolina Avenue	STP	80/20/0	1,000 a	500 a					500
From: Oklahoma Avenue									
To: 14th Street NE	STP 1	83/17/0				15,360 c			15,360
									Total Funds: 15,860

Description: The C Street NE Traffic Calming project will slow traffic on the corridor by reducing at least one vehicular lane of traffic.

TIP ID: 5802 Agency ID: CD044A Title: Program Manager AWI									Total Cost: \$52,500	
Facility: Citywide	NHPP	80/20/0	21,000 a	7,000 a					7,000	
From:										
To:	NHPP 1	83/17/0			700 a	2,867 a	2,936 a	3,006 a	3,079 a	12,588
	STP	83/17/0			300 a	1,229 a	1,258 a	1,288 a	1,319 a	5,394
									Total Funds: 24,982	

Description: Consultant services to supplement the NEPA process and implement design and construction of the AWI corridors. Work includes surveys; geotechnical and environmental investigation and testing preliminary ; roadway and bridge design and CE services during construction. Funding will be used for construction oversight and consultant services.

TIP ID: 5804 Agency ID: MRR04A Title: East Capitol St. Bridge over Anacostia River, Br. # 233									Total Cost: \$16,000
Facility: Anacostia Freeway Bridge over Anacostia Ri	NHPP	80/20/0		350 a					16,350
From:				16,000 c					
To:									
									Total Funds: 16,350

Description: Rehabilitation of subject bridge to eliminate all deficiencies and ensure the safety of the traveling public. This bridge is structurally deficient and must be rehabilitated in accordance with the requirements of MAP21. Deficiencies include deteriorating overlay, efflorescence and map cracking in soffit, expanded bearings, deteriorated superstructure steel under fender dams, peeling paint, rotation of substructure units.

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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5922 Agency ID: AF081A Title: District Freight Plan			Total Cost:						\$300
Facility: Citywide	NHFP	80/20/0		130 a		136 a		143 a	409
From:									
To:	STP	80/20/0	600 a	150 a					150
Total Funds:									559

Description: Development of a District freight plan to enhance the safety and efficiency of goods movement for freight planning improvement and freight project implementation.

TIP ID: 5957 Agency ID: AW0, EW002C Title: Pennsylvania Ave/Potomac Circle			Total Cost:						\$5,750
Facility: Pennsylvania Ave and Potomac Circle	HSIP	80/20/0	2,000 a	1,000 a					6,750
From:				5,750 c					
To:	NHPP	83/17/0			1,400 a	2,048 c			3,448
Total Funds:									10,198

Description: Convert the former I-695 freeway into Southeast Boulevard and to reconfigure Barney Circle to provide at grade access and neighborhood connectivity to the waterfront. Improve pedestrian and bicycle access to the Sousa Bridge and along proposed Southeast Boulevard to the 11th Street Bridges.

Pedestrian and Bicycle Safety improvements including reconfiguration of the Pennsylvania Ave/Potomac Avenue intersection, new signals and crosswalks and improvement access to the Potomac Metro station.

TIP ID: 5959 Agency ID: MRR16A Title: Virginia Avenue Tunnel Project			Total Cost:						\$201,300
Facility: Virginia Ave. SE	PRIV	0/0/0	202,900 c	1,200 c	1,200 c				2,400
From:									
To:									
Total Funds:									2,400

Description: The existing railway tunnel is owned and operated by CSX Transportation, Inc. (CSXT) and has long been identified as one of the most significant freight bottlenecks on the East Coast. CSXT proposes to improve freight transportation reliability and capacity through the District by replacing the existing 106 year old 4,000 foot-long tunnel. The proposal includes the restoration of a second track within the tunnel and increasing the tunnel height to a minimum 20 foot clearance to accommodate intermodal trains transporting double-stacked standard cargo containers.

TIP ID: 6014 Agency ID: SR088A Title: Maryland Avenue NE Road Diet			Total Cost:						\$3,600
Facility: Maryland Ave. NE	STP	80/20/0	2,300 a	3,300 c					3,300
From: 2nd Street NE									
To: 15th Street NE	STP 1	83/17/0			19,300 c				19,300
Total Funds:									22,600

Description: To improve pedestrian safety on Maryland Avenue from 2nd Street to 15th Street NE.

TIP ID: 6038 Agency ID: Title: Garvee Debt Service			Total Cost:						
Facility:	NHPP	83/17/0			15,053 c	24,432 c	27,488 c	28,147 c	95,120
From:									
To:									
Total Funds:									95,120

Description: DDOT will use future FHWA annual allocations to pay service on the bonds.

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
TIP ID: 6039 Agency ID: CD054A Title: H Street Bridge over Railroad									Total Cost: \$22,750	
Facility: H Street NE	NHPP	80/20/0	1,000 a							
From: North Capitol Street										
To: 3rd Street NE	State	0/100/0	9,000 a	14,250 c	68,096 c	121,111 c			203,457	

Total Funds: 203,457

Description: Conduct environmental assessments. Prepare concept designs, design plans and specifications and construct documents for bridge replacement/rehabilitation. Includes work on the H Street NE Bridge from North Capitol St. to 3rd St. NE. The bridge will be reconstructed to accommodate the H/Benning Streetcar Line, allow for Amtrak to increase its capacities in its Union Station rail yard, and allow for development of the air rights above the rail yard.

TIP ID: 6082 Agency ID: MRR15A Title: Anacostia Freeway Bridges over Nicholson Street SE (Bridges #1001, 1002)									Total Cost: \$15,000	
Facility: Anacostia Freeway Bridges at Nicholson	NHPP	80/20/0	1,000 a	14,000 c					14,000	
From:										
To:										

Total Funds: 14,000

Description: Rehabilitation of subject bridges to eliminate all deficiencies and to make the facility safe for the traveling public. Two bridges are structually deficient and must be rehabilitated under the requirements of MAP21.

TIP ID: 6097 Agency ID: MRR14A Title: Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridge No. 1016)									Total Cost: \$21,000	
Facility: Anacostia Freeway over South Capitol Stree	NHPP	80/20/0	1,000 a	10,000 c					10,000	
From:										
To:	NHPP 1	90/10/0		2,500 a					2,500	

Total Funds: 12,500

Description: Rehabilitation or replacement of subject bridges to eliminate all structural deficiencies and to make the facilities safe for the traveling public. The bridges are structurally deficient and must be rehabilitated under the requirements of MAP21.

TIP ID: 6102 Agency ID: Title: 5303/5304 FTA Program									Total Cost: \$2,874	
Facility: Citywide	Sect. 5303	80/20/0	1,590 a	415 a	415 a	415 a	415 a		1,660	
From:										
To:	Sect. 5304	80/20/0	418 a	110 a	110 a	110 a	110 a		440	

Total Funds: 2,100

Description: DDOT receives an annual FTA grant appropriation to support metropolitan planning activities (5303) and Statewide/DC based Planning Activities (5304).

TIP ID: 6103 Agency ID: Title: DC Circulator Expansion - Phase I									Total Cost: \$3,750	
Facility:	State	0/100/0	2,326 e	750 e	750 e	750 e	750 e		3,000	
From:										
To:										

Total Funds: 3,000

Description: Implement the Phase I DC Circulator routes as identified in the DC Circulator 10-Year Transit Development Plan

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6190 Agency ID: FLD01 Title: Bloomingdale/LeDroit Park Medium Term Flood Mitigation Project									Total Cost: \$10,000

Facility: Bloomingdale/LeDroit Park	State	0/100/0	1,500 a	500 a	500 a				4,000
From:			4,500 c	1,500 c	1,500 c				
To:									
									Total Funds: 4,000

Description: The exact street locations are not known at this time but the work is confined to the Bloomingdale and LeDroit Park communities, per the Mayor's Task force on Bloomingdale/LeDroit Flood Mitigation Report.

TIP ID: 6193 Agency ID: PM07A Title: Cleveland Park Study									Total Cost:
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Facility: Connecticut Ave. NW	NHPP	80/20/0	526 a	2,415 c					2,415
From: Porter Street NW									
To: Macomb Street NW	NHPP 1	83/17/0				2,473 c			2,473
									Total Funds: 4,888

Description: Implementation of Cleveland Park study recommendations including Connecticut Avenue access lane and neighborhood parking supply, streetscape improvements and intersection reconfiguration at Porter/Quebec/Connecticut Ave NW.

TIP ID: 6194 Agency ID: Temp1315 Title: Normanstone/Fulton Street Culvert & LID									Total Cost: \$2,200,000
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Facility: Normanstone Drive	FLAP	100/0/0		1,500 c					1,500
From: Fulton Street									
To: 34th Street	State	0/100/0	2,200 c	600 c					600
									Total Funds: 2,100

Description: This project repair seven culverts under Normanstone Drive, install linear bioretention cells along Fulton Street and Normanstone Drive, and mill and resurface both streets

TIP ID: 6195 Agency ID: ZU033A Title: Florida Avenue Streetscape									Total Cost: \$20,596
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Facility: Florida Avenue, NE	STP	80/20/0	1,000 a	1,000 a					1,000
From: 1St Street, NE									
To: H Street, NE	STP 1	83/17/0				18,596 c			18,596
									Total Funds: 19,596

Description: Implementation of Florida Avenue Transportation Study recommendations, which may include reconstruction of Florida Ave from Benning Rd to New York Ave, safety improvements and streetscape upgrades.

TIP ID: 6197 Agency ID: MRR26A Title: Monroe Street, NE Bridge over CSX & WMATA									Total Cost: \$22,400
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Facility: Monroe Street Bridge	NHPP	80/20/0	1,700 a						
From:			20,700 c						
To:	STP	80/20/0		1,500 c					1,500
									Total Funds: 1,500

Description: Existing Monroe Street Bridge over Metro tracks is in poor condition. This project is for the Bridge replacement.

**DISTRICT OF COLUMBIA
TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)**

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6611 Agency ID: CFPID160076 Title: Audit and Compliance									Total Cost:

Facility: Citywide	STP	83/17/0		1,000 a	1,024 a	1,049 a	1,073 a	1,100 a	5,246
From:									Total Funds: 5,246
To:									

Description: To ensure audit and compliance for Davis Bacon staffing, training and software. - Justification for changes in funding or phases: Additional scope of work in order to implement the FHWA and District audit recommendations to procure software to electronically receive certified payrolls for Davis Bacon Compliance.- Contract Need: Critical. The continued need for Davis Bacon Compliance monitoring is required by Law by the U.S. Department of Labor and FHWA as the oversight and funding entity.

TIP ID: 6613 Agency ID:									Total Cost:
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Facility: I 695	NHPP	83/17/0		500 a	1,024 a	1,049 a	322 a		2,895
From: I 395									Total Funds: 2,895
To: I 295									

Description: Post-construction close-out and completion of outstanding items from the 11th Street Bridge project.

TIP ID: 6614 Agency ID:									Total Cost: \$15,575
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Facility: Pennsylvania Avenue	NHPP	83/17/0		7,115 c		7,460 c			14,575
From: 2nd Street SE									Total Funds: 14,575
To: Barney Circle SE									

Description: This project is construction phase. The work includes but not limited to installation of new light poles, light fixtures, wheel chair ramps and underground infrastructures including conduits, cables, manholes, excavation and backfill, pavement restoration