

ITEM 7 – Action
September 18, 2019

Amend the FY 2019-2024 TIP to Update Projects and Funding in the District of Columbia Section of the TIP, as Requested by DDOT

Action: Approve Resolution R5-2020 to amend the FY 2019-2024 TIP.

Background: DDOT has requested an amendment to include project and funding updates for projects in the District of Columbia section of the Transportation Improvement Program (TIP). These projects are already included in the Visualize 2045 Air Quality Conformity Analysis and the FY 2019-2024 TIP or are exempt from the air quality conformity requirement. The Steering Committee has reviewed and recommends including additional corrections identified by DDOT during the comment and inter-agency review period. This was a notice item at the July board meeting.

NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD
777 North Capitol Street, N.E.
Washington, D.C. 20002

RESOLUTION ON AN AMENDMENT TO THE FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO UPDATE PROJECTS AND FUNDING IN THE DISTRICT OF COLUMBIA SECTION, AS REQUESTED BY THE DISTRICT DEPARTMENT OF TRANSPORTATION (DDOT)

WHEREAS, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of the Fixing America's Surface Transportation (FAST) Act for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

WHEREAS, the TIP is required by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the Washington planning area; and

WHEREAS, on October 17, 2018 the TPB adopted the FY 2019-2024 TIP; and

WHEREAS, in the attached letter of July 16, 2019, DDOT has requested that the FY 2019-2024 TIP be amended to include project and funding updates for the District of Columbia section, as described in the attached materials, and

WHEREAS, all projects are included in the Air Quality Conformity Analysis of Visualize 2045 and the FY 2019-2024 TIP or are exempt from the air quality conformity requirement, as defined in Environmental Protection Agency's (EPA) Transportation Conformity Regulations as of April 2012; and

WHEREAS, full funding for all projects is included in the Visualize 2045 financial analysis; and

WHEREAS, the TIP is available online at mwcog.org/tip and is updated as necessary to reflect amendments and administrative modifications; and

WHEREAS, the TPB's briefing on this notice item on July 24, 2019 initiated a 30-day public comment and inter-agency review period that concluded on August 23; and

WHEREAS, comments could be submitted and reviewed at mwcog.org/TPBcomment;

WHEREAS, DDOT submitted a letter dated September 10, 2019 which identified technical corrections requested to be made to four projects and which have been included in the final attached draft; and

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2019-2024 TIP to include project and funding updates for the District of Columbia section, as described in the attached materials.



MEMORANDUM

TO: Transportation Planning Board
FROM: Lyn Erickson, TPB Plan Development and Coordination Program Director
SUBJECT: Comments Received and Proposed Responses on the Draft Amendment to Update the FY 2019-2024 Transportation Improvement Program, as requested by the District Department of Transportation
DATE: September 12, 2019

At the July 24, 2019 meeting, the board was provided a notice of request by the District Department of Transportation (DDOT) to update project and funding information in the District of Columbia section of the FY 2019-2024 Transportation Improvement Program (TIP). This notice item initiated a 30-day public comment and inter-agency review period that concluded on August 23.

During the comment period, one comment was received from the general public and DDOT submitted technical corrections to funding levels on four projects. The comment received from the public and responses provided by TPB staff and DDOT staff are presented below. The technical corrections are detailed in the attached letter from DDOT. TPB staff have reviewed and accepted the corrections and incorporated them into the draft TIP update to be approved at the September 18 TPB meeting. The corrections combined with administrative modifications made to the TIP since it was released for public comment in July add \$6.6 million to the six-year program bringing the total to \$2.718 billion.

The TPB will be briefed on the comments received and responses provided. Following that briefing, the board will be asked to approve the updated District of Columbia section of the FY 2019-2024 TIP. These corrections, the comment, and the response will be included with the TPB resolution in the amended documentation of the FY 2019-2024 TIP.

COMMENT

One comment was received on one project in the District's proposed update of the TIP: The Arboretum Bridge and Trail project, TIP ID 6497. The project would construct a bicycle and pedestrian bridge over the Anacostia river connecting the National Arboretum and Maryland Avenue NE on the west to the Anacostia Riverwalk Trail on the east.

The comment suggested that the project be relocated further south, closer to the Benning Road Bridge to prevent interference with water-based activities on the Anacostia River, such as rowing, canoeing, and kayaking, and to preserve an unobstructed viewshed. The comment indicated that if a bridge was to be built at this location, the design should be altered so that concrete pilings would not obstruct the river's use and create sand bars downstream.

TPB STAFF RESPONSE

The updated FY 2019-2024 TIP includes \$12 million in federal and District of Columbia funding. Programming for this project had previously been approved as a part of the FY 2017-2022 TIP. The Arboretum Bridge Trail is part of the National Capital Trail, one of the TPB's seven aspirational initiatives in Visualize 2045. The bridge will allow more people to access Kenilworth Aquatic gardens from the Arboretum and improve access to the Arboretum from neighborhoods in Northeast DC and Prince George's County. The trail will eventually be connected to Maryland Avenue NE to provide a better bicycling route to the Arboretum and the aquatic gardens from the Capitol Hill, NOMA/Gallaudet, and Trinidad neighborhoods, as well as a more direct commuting routes for people entering the District from Maryland on the Anacostia River Trail. The Benning Road alternative would require a substantial detour for the residents of Northeast DC east of the Anacostia.

DDOT RESPONSE

The Anacostia Waterfront Initiative Framework Plan from 2003 first identified the need for a pedestrian bridge at this location and the proposed alignment is in accordance with moveDC, DC's 2014 transportation master plan, which is the result of multiple planning studies that carefully vet needs and feasibility.

While there has been no indication of concerns with the proposed bridge design from the kayaking and canoeing community, the bridge has been designed to mitigate concerns from the rowing community. The configuration of bridge piers on the revised design have been aligned to avoid primary rowing lanes as provided by the rowing community. The revised design has essentially one bridge pier in the river if it is assumed that the pier closest to the US Arboretum is placed in shallow and generally unnavigable waters as expressed by the rowing community and the east pier is constructed integral with the sea wall. Bridge pier spacing and orientation is designed to prevent debris accumulation during construction, as well as after construction is complete. With respect to sediment, the Anacostia River is a slow flowing river. While it is still possible that some silting from the central pier may create a sand bar downstream, the design team's hydrological and hydraulic analysis determined that the bridge piers would have minimal impact on river velocity, and therefore, any change in sediment would be insignificant. In addition, it should be noted that DOEE's Anacostia River Sediment Project is currently investigating remedial and restoration efforts to treat sediment in the river. A bridge design that would not place any obstacles in the navigation channel would directly conflict with viewshed preservation, as instructed by NPS and CFA, due to the height of bridge components required to support such a span. Also, due to the constrained site and adjacent landfill in Kenilworth Park, a clear span would require significant environmental remediation, since it would require more digging, possibly disturbing a buried landfill. The preferred option is streamlined and creates the lowest environmental impact, especially during construction, due to minimized use of heavy equipment.

Government of the District of Columbia

Department of Transportation



d. Planning and Sustainability Division

September 10, 2019

Andrew Austin, Transportation Planner
National Capital Region Transportation Planning Board
Metropolitan Washington Council of Governments
777 North Capitol Street N.E., Suite 300
Washington, DC 20002-4290

Dear Mr. Austin,

The District Department of Transportation (DDOT) requests a technical correction to the amendment to the FY 2019-2024 Transportation Improvement Program (TIP) pending approval by the Transportation Planning Board (TPB) at its September 18, 2019 meeting as detailed below:

Project Name	Source	TIP ID	Phase	Funding Change	Year	Notes
S St from 7th St to Florida Ave NW Revitalization	STBG	6658	PE	\$300,000	2019	Increase STBG funding in 2019 for PE by \$300,000.
Minnesota Ave from Dix St to Sheriff Rd NE	STBG	2922	CON	\$175,000	2019	Reinstate the project and increase STBG funding in 2019 for CON by \$175,000.
Klingle Trail	CMAQ	2806	PE	\$240,000	2019	Increase CMAQ funding in 2019 for PE by \$240,000.
Theodore Roosevelt Bridge Rehabilitation	NHPP	5346	CON	\$1,023,088	2019	Increase NHPP funding in 2019 for CON by \$1,023,088.
Total:				\$1,738,088		

The proposed technical correction does not add additional capacity for motorized vehicles and does not require conformity analysis or public review and comment. The funding sources have been identified, and the TIP will remain fiscally constrained.

We appreciate your cooperation in this matter. Should you have questions regarding this amendment, please contact Mark Rawlings at (202) 671-2234 or by e-mail at mark.rawlings@dc.gov.

Sincerely,

Kevin Harrison
Transportation Planner, Planning and Sustainability Division (PSD)

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 2633 Agency ID: CI029A, CI053 Title: Size and Weight Enforcement Program									Total Cost: \$3,308
Facility: Citywide	HSIP	90/10/0		2,000 c					2,000
From:									
To:	NHPP	83/17/0	180 c	185 c	185 c	190 c	190 c	195 c	1,125
	STBG	83/17/0	183 a						183
									Total Funds: 3,308

Description: This project provides trained personnel to enforce size and weight regulations, as well as increase the number of portable scales at Weigh in Motion sites on and off the Federal-aid System. This project will facilitate reducing weight violations and preventing premature deterioration of pavements and structures in the District, and in turn provide a safe driving environment.

- a. Weigh in Motion Maintenance
- b. Weigh in Motion Upgrade and Repair

TIP ID: 2699 Agency ID: CD018A, CD01 Title: Asset Preservation of Tunnels in the District of Columbia									Total Cost: \$83,950
Facility:	NHPP	90/10/0	1,000 a	1,175 a	175 a	175 a	175 a	175 a	83,375
From:			12,000 c	19,150 c	17,500 c	18,450 c	5,400 c	8,000 c	
To:									
									Total Funds: 83,375

Description: Long term performance-based asset preservation and maintenance program through which a private contractor provides maintenance services for the District's sixteen (16) tunnels. In conjunction with this maintenance contract, FHWA requires the District to engage services of a consultant to provide the DDOT Tunnel Management staff with required technical assistance, asset evaluation support services, IT services, and required tunnel asset inspection services.

TIP ID: 2743 Agency ID: ED0B1A Title: Great Streets - Pennsylvania Ave, SE									Total Cost: \$21,000
Facility: Pennsylvania Ave. SE	NHPP	83/17/0	6,238 a	15,000 c					15,000
From: Sousa Bridge									
To: 27th St. SE (west of)									
									Total Funds: 15,000

Description: Construct facilities to improve reliability and safety of transit services, including transit lanes; provide bicycle lanes; and improve pedestrian circulation. Phase II will include work on Pennsylvania Ave. SE from the Sousa Bridge to west of 27th St. SE.

- a. Pennsylvania Ave and Minnesota Ave SE Intersection Improvements

TIP ID: 2768 Agency ID: CD014A Title: Key Bridge NW over Potomac									Total Cost: \$28,390
Facility: Key Bridge over Potomac River	NHFP	83/17/0	21,000 c						
From:									
To:	NHPP	83/17/0	7,390 c	5,500 c					5,500
									Total Funds: 5,500


Description: Rehabilitation of the Key Bridge superstructure and substructure including approach roadway improvements, bike/ped safety improvements, streetlights, and aesthetic lighting.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

			Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 2780	Agency ID: AF089A	Title: Oxon Run Trail Restoration									Total Cost:	\$12,500
Facility:		CMAQ	80/20/0			500	a					500
From:		NRT	80/20/0		638	a						
To:		STBG	80/20/0		9,650	c						
											Total Funds:	500

Description: This project is to complete the next phase of the Oxon Run Trail from 13th St SE to Southern Ave SE; and from South Capitol St SE to the Maryland Line.

TIP ID: 2796	Agency ID: AF066A	Title: National Recreational Trails									Total Cost:	\$2,410							
Facility: Citywide		NRT	83/17/0		720	a	410	a	400	e	400	e	400	e	400	e	400	e	2,410
From:																			
To:																			
																	Total Funds:	2,410	

Description: Programs associated with the Recreational Trails Program – a program established to develop and maintain recreational trails and trail-related facilities. Mostly small projects; often grants to local groups. 

Through the D.C. Recreational Trails Program Advisory Committee, the District Department of Transportation will provide or grant funding to non-profits to provide the following services for District trails: maintain and restore existing trails; develop and rehabilitate trailside and trailhead facilities and trail linkages; purchase and lease trail construction and maintenance equipment; construct new trails; acquire easements or property for trails; assess trail conditions for accessibility and maintenance; develop and disseminate publications and operate educational programs to promote safety and environmental protection related to trails (including supporting non-law enforcement trail safety and trail use monitoring patrol programs, and providing trail-related training).

- a. Friends of Kenilworth Aquatic Gardens
- b. Student Conservation Association

TIP ID: 2806	Agency ID: SR065A	Title: Klingle Trail									Total Cost:	\$7,500									
Facility: Klingle Road NW		CMAQ	80/20/0		8,897	c	240	c											240		
From: Porter Street NW																					
To: Woodley Road NW		DC	0/100/0																1	c	1
																	Total Funds:	241			

Description: The scope of work is for planning, design and construction of a pedestrian and bicycle facility in the former right of way of Klingle Road with related environmental remediation. Local access for private properties in the Porter to Woodley section will be accommodated. Preparation of preliminary design plans and detailed plans and specifications of the project, as well as environmental remediation pursuant to Section 6018 of the Klingle Road Sustainable Development Amendment Act of 2008.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

			Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 2888 Agency ID: CM086A Title: Safe Routes to School												Total Cost: \$10,805
Facility: Safe Routes to School			DC	0/100/0		300 c						300
From:												
To:			TAP	80/20/0		651 c	400 a	400 a	400 a	400 a	400 a	10,505
							2,250 c	1,401 c	1,401 c	1,401 c	1,401 c	

Total Funds: 10,805

Description: To enable and encourage children, including those with disabilities, to walk and bicycle to school, to make walking and bicycling to school safe and more appealing, and to facilitate the planning, development and implementation of projects that will improve safety, and reduce traffic, fuel consumption, and air pollution in the vicinity of schools.



Increase walking and bicycling to school and associated safety through planning, engineering, education, and enforcement. Subprojects:

- a. Bicycle and Pedestrian Education
- b. Sidewalk Construction
- c. School Area Planning Assistance

TIP ID: 2922 Agency ID: ED064A Title: Great Streets - Minnesota Ave, NE												Total Cost: \$15,700
Facility: Minnesota Ave			STBG	80/20/0	1,700 a	175 c						175
From: A Street, NE					14,000 c							
To: Sheriff Road, NE												

Total Funds: 175

Description: Reconstruction of Minnesota Avenue from A St., SE to Sheriff Rd., NE including LIDs, streetscape. Schedule is impacted by Benning Streetcar study. Project will be split into two projects to mitigate impacts.

- A. Minnesota Ave from A St SE to Dix St NE
- B. Minnesota Ave from Dix St to Sheriff Rd NE

TIP ID: 2927 Agency ID: CD036A, CD04 Title: Highway Structures Preventive Maintenance and Repairs												Total Cost: \$38,445
Facility:			NHPP	83/17/0		9,975 c		5,100 c	5,345 c	9,975 c		30,395
From:												
To:			STBG	83/17/0		2,940 c			1,500 a	3,250 c		8,050
									360 c			

Total Funds: 38,445

Description: This project provides a two-year base contract with two option years for the performance of preventive maintenance activities and initiating emergency repairs on highway structures on an as needed basis. The work includes concrete deck repair, replacement of expansion joints, repair or replacement of beams, girders and other structural steel, maintenance painting, application of low slump concrete overlays on bridge decks, concrete repair, underpinning and shoring of deficient bridge elements, jacking beams and restoring bearings, repair or replacement of bridge railings, guiderails and fencing, cleaning bridge scuppers and drain pipes, graffiti removal and other miscellaneous repair work on various highway structures.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 2945 Agency ID: CM074A Title: District TDM (goDCgo)									Total Cost: \$19,286

Facility: citywide CMAQ 80/20/0 8,800 a 2,956 a 2,990 a 3,145 a 3,270 a 3,398 a 3,527 a 19,286

From: _____
To: _____ **Total Funds: 19,286**

Description: goDCgo is responsible for promoting the use of all sustainable transportation modes in the city through marketing and outreach. The contractor will provide marketing expertise to support the growth of the goDCgo and Capital Bikeshare and advertise the service to residents, visitors, and employers.

- a. District TDM/goDCgo
- b. Capital Bikeshare Marketing and Outreach

TIP ID: 2965 Agency ID: SR060A MRR1 Title: Roadway Reconstruction Citywide									Total Cost: \$68,151
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Facility: CITYWIDE DC 0/100/0 639 a 2,796 a 2,796 c 18,988 c 25,219

From: _____
To: STBG 83/17/0 100 a 5,932 a 7,200 c 16,000 c 42,932
200 b
13,500 c

Total Funds: 68,151

Description: This project reconstructs streets and highways on the Federal-aid highway system and other streets with poor pavement condition, drainage, or other reconstruction needs. Total roadway reconstruction is required when the highway pavement has reached the end of its useful life and can no longer be resurfaced. Streets must be reconstructed once the base deteriorates or the crown becomes too high, creating an undesirable slope from the center line to each curb. The scope of work includes the removal of deteriorated base and pavement, repairing the sub-base, replacing or reconstructing pavement and base within the roadway area and resetting or reconstructing curbs and sidewalks. Additional work includes the installation of wheelchair ramps, bicycle facilities, safety features and landscaping improvements. Projects Include:

- a. Alabama Ave from MLK Ave to Bowen Rd SE
- b. Broad Branch Rd from Linnean Ave to Beach Dr NW Rehabilitation
- c. Canal Rd NW from Chain Bridge to M St NW
- d. Canal Rd NW Rock Slope Stabilization
- e. Florida Ave and 9th St from T St to Barry Pl NW
- f. New Jersey Ave from Massachusetts Ave to N St NW
- g. Oregon Ave Military Rd to Western Ave NW

TIP ID: 3181 Agency ID: CD066A Title: 31st Street NW Bridge over C&O Canal									Total Cost: \$6,800
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Facility: 31st Street NW Bridge over C&O Canal NHPP 81/17/0 6,200 c 600 c 600

From: _____
To: NHPP 83/17/0 6,200 c 600 c 600

Total Funds: 600

Description: Removal and replacement of deteriorated deck, repair and painting of structural steel, and substructure repairs. Lighting, signing, drainage and safety features will be upgraded.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

			Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 3193			Agency ID: CD056A			Title: 11th Street Bridges SE, Replace and Reconfigure						Total Cost: \$37,500	
Facility: 11th Street Bridge and Interchan			DC	0/100/0							1 c	1	
From:													
To:			NHPP	83/17/0	6,000 a								
					31,000 c								

Total Funds: 2,701

Description: To replace existing structure with new structures and provide direct access from I-295 to Downtown DC (via I-395). To include work for:

- a. I-695 Eastbound D4 Ramp Design

TIP ID: 3202			Agency ID: CD032C, MNT0			Title: Bridge Design						Total Cost: \$7,606	
Facility: CITYWIDE			NHPP	83/17/0		723 a	723 a	723 a	723 a	723 a	1,178 a	4,793	
From:													
To:			STBG	83/17/0		428 a	428 a	428 a	428 a	428 a	673 a	2,813	

Total Funds: 7,606

Description: This project provides design solutions for bridges and performs analysis, cost estimates for construction.

- a. Bridge Design
- b. Structures and Bridges Engineering

TIP ID: 3210			Agency ID: AF049A			Title: Transportation Alternatives Program						Total Cost: \$7,060	
Facility: Citywide			TAP	80/20/0		1,310 c	1,150 c	1,150 c	1,150 c	1,150 c	1,150 c	7,060	
From:													
To:													

Total Funds: 7,060

Description: The TAP or TA Set-Aside is a reimbursable federal aid funding program for transportation-related community projects designed to strengthen the intermodal transportation system. The program aims to expand travel choice, strengthen the local economy, improve the quality of life, and protect the environment by supporting non-traditional projects linked to the transportation system. Projects will be reviewed through a competitive process and selected based upon a number of criteria including the project's expected benefits to the community, feasibility and project readiness, consistency with agency plans and missions, and the sponsor's demonstrated ability to manage a federal-aid project.

- a. Constitution Ave and 18th St NW Crosswalk and Paths Improvement
- b. Jay St NE Smart Bio-retention
- c. Palisades (Glen Echo) Trolley Trail Preliminary Design
- d. Rock Creek Park Military Road Feasibility Study
- e. Taft Bridge Lion Statue Restoration
- f. Union Station Roman Legionnaires and Interior Restoration
- g. Union Station Roman Legionnaires and Vestibules Restoration
- h. Water Street Staircase and Trailhead Improvements

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source		Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 3212 Agency ID: CB0, CIO		Title: Safety Improvements Citywide							Total Cost:		\$67,330
Facility: Citywide	HSIP	90/10/0		5,350 a	4,125 a	4,125 a	4,125 a	4,125 a	4,125 a	36,295	
From:				4,150 c	459 c	459 c	459 c	459 c	459 c		
To:					775 e	775 e	775 e	775 e	775 e		
	SPR	80/20/0		175 a						175	
	STBG	83/17/0		1,500 a	2,340 a	2,340 a	2,340 a	2,340 a	2,340 a	30,860	
				160 c	3,500 c	3,500 c	3,500 c	3,500 c	3,500 c		
Total Funds:										67,330	

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.

- a. Construction Estimate
- b. Pavement Skid Testing
- c. Road Safety Audit Program
- d. TARAS Crash Analysis Support
- e. Traffic Engineering Design
- f. Traffic Safety Construction
- g. Traffic Safety Data Center at Howard University
- h. Traffic Safety Design
- i. Traffic Safety Engineering Support Services

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 3213 Agency ID: CAL16C, PM30 Title: Planning and Management Systems								Total Cost:	\$101,699
Facility: Citywide	CMAQ	80/20/0	50 a						50
From:	NHFP	83/17/0	755 e	486 e	228 e	228 e	228 e	431 e	2,356
To:	SPR	80/20/0	150 c 1,550 d 3,000 e	1,550 d 3,000 e	1,550 d 3,000 e	1,550 d 3,000 e	1,550 d 3,000 e	1,550 d 3,000 e	27,450
	STBG	83/17/0	6,100 a 381 c 4,474 e	1,000 a 2,542 c 1,250 d 8,513 e	800 a 2,554 c 8,430 e	500 a 3,566 c 6,580 e	700 a 2,577 c 7,315 e	700 a 2,577 c 1,250 d 6,284 e	68,093
	STBG 2	100/0/0	3,000 c						3,000
	STIC	80/20/0	125 d	125 d	125 d	125 d	125 d	125 d	750
Total Funds:									101,699

- Description:
- a. AASHTOWARE License Fee
 - b. ADA Asset Inventory and Compliance Evaluation
 - c. ADA Compliance Improvements
 - d. Audit and Compliance
 - e. Civil Rights / EEO compliance Monitoring Program
 - f. Constructability and Work Zone Safety Review
 - g. DBE On-Line Certification Application Program
 - h. DBE Supportive Services/OJT Supportive Services
 - i. Infrastructure Information Technology Support Services
 - j. ITS General Support
 - k. Metropolitan Planning
 - l. moveDC
 - m. Oversize/Overweight Routing Tool Maintenance and Enhancement
 - n. Research Development and Technology Transfer
 - o. Research Development and Technology Transfer Projects
 - p. Small Business Compliance
 - q. SPR
 - r. State Freight Plan: Loading Zone Support
 - s. State Freight Plan: Truck Outreach
 - t. STIC Innovation Grant
 - u. Summer Transportation Institute
 - v. Transportation Asset Management Plan

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 3215 Agency ID: SR092A Title: Federal Aid Pavement Restoration									Total Cost: \$55,800

Facility: Citywide	STBG	83/17/0	15,800 c	9,300 c	9,300 c	9,300 c	9,300 c	9,300 c	62,300
From:									
To:									
Description: Citywide pavement and resurfacing/restoration, upgrading of sidewalk, curb and gutter, and wheelchair ramps.									Total Funds: 62,300

TIP ID: 3216 Agency ID: OSS07A, CI060 Title: Traffic Operations Improvements Citywide									Total Cost: \$69,675
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Facility:	HSIP	90/10/0	3,900 c	2,000 c	2,000 c	2,000 c	2,000 c	2,000 c	13,900
From:									
To:	NHPP	83/17/0	3,600 c	400 c	400 c	400 c	400 c	400 c	5,600
	STBG	83/17/0	7,069 c	16,186 c	6,150 c	6,195 c	6,195 c	4,000 c	52,175
			1,270 e	1,022 e	1,022 e	1,022 e	1,022 e	1,022 e	
									Total Funds: 71,675

Description: This project modifies and improves vehicular and pedestrian traffic control systems, such as traffic signals, channelization, signs, pavement markings, and other traffic control measures on and off the Federal-aid highway system. Includes installation of a variety of traffic engineering devices and construction of nominal geometric alterations. The project will preserve and promote the efficient use of existing city streets through changes in the organization of vehicular and pedestrian traffic flows. Projects include:

- a. Construction of Fiber Communication Networks on Major Arterial Corridors
- b. ITS Maintenance
- c. MATOC
- d. Moveable Barrier System
- e. Thermoplastic Pavements Markings
- f. TMC Cybersecurity Improvements
- g. TMC Hardware and Data Services
- h. Traffic Management Center Operations

TIP ID: 3219 Agency ID: ZU022A Title: Commuter Connections Program									Total Cost: \$4,090
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Facility:	CMAQ	80/20/0	4,857 a	715 a	675 a	675 a	675 a	675 a	4,090
From:									
To:									
									Total Funds: 4,090

Description: The purpose of the Commuter Connections Program is to reduce mobile source emissions 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.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 3228 Agency ID: AF073A, ZU024 Title: Metropolitan Branch Trail									Total Cost: \$35,000
Facility: Union Station District Line	CMAQ	80/20/0	400 a	500 a	1,750 a	10,000 c		5,000 c	17,250
From:			13,400 c						
To:	DEMO	80/20/0	2,192 a						
			1,200 c						


Total Funds: 17,250

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 to Takoma
- c. Manor Park Re-Alignment

TIP ID: 3232 Agency ID: CM064A, ZUTO Title: Bicycle and Pedestrian Management Program									Total Cost: \$1,000
Facility: Citywide	CMAQ	80/20/0	250 a	1,000 c					1,000
From:			5,430 c						
To:									

Total Funds: 1,000

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)

TIP ID: 3242 Agency ID: CA303C, MNT0 Title: Stormwater-Hydraulic Structures and Flood Management Works									Total Cost: \$37,500
Facility:	DC	0/100/0		1,341 a	500 a				1,841
From:									
To:	STBG	83/17/0		2,859 a	2,900 a	2,500 a	1,700 a	1,700 a	1,900 a
				4,300 c	3,000 c	4,400 c	4,400 c	3,000 c	3,000 c

Total Funds: 37,500

Description: The purpose of this project is to replace/rehab existing hydraulic structures as culverts, inlets, etc.. On a bi-annual basis and based on stormwater drainage problem occurrences the structures will be inspected. On an annual basis, structures will be rehabilitated or replaced depending on their condition. The project also assesses and manages flooding conditions on transportation infrastructures.

- a. Culvert 181-C Pope Branch Drainage Improvements
- b. Culvert 90C Replacement
- c. Culvert Inspection
- d. Drainage and Stormwater Improvements
- e. University Terrace NW Drainage Improvements

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source			Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 3243 Agency ID: CD062A Title: Bridge Inspection											Total Cost: \$13,834
Facility:	HBRRP	83/17/0			112 a	225 a			115 a	119 a	571
From:											
To:	NHPP	83/17/0			2,450 a	1,450 a	2,925 a		1,495 a	1,544 a	9,864
	STBG	83/17/0				669 a	1,350 a		690 a	690 a	3,399
Total Funds: 13,834											

Description: Work under this contract consists of performing detailed condition inspections and evaluations of all highway and pedestrian bridges, and tunnels and underpasses under the ownership of the District of Columbia in accordance with the DDOT Bridge Inspection Manual of Procedures and the National Bridge Inspection Standards (NBIS). Safety inspections of railroad owned bridges crossing District streets shall also be performed. Selected inspections of culverts, walls and overhead sign structures shall be performed as needed via contract modifications.

TIP ID: 3290 Agency ID: SR049A Title: Kenilworth Ave NE Reconstruction											Total Cost: \$13,050
Facility:	Kenilworth Ave, NE	DC	0/100/0							1 c	1
From:	East Capitol St Ramp										
To:	Rail Over Pass north of Benning Rd	NHPP	83/17/0	148 a							
				21,050 c							
		NHS	80/20/0	750 a							
Total Funds: 1											

Description: Design of Kenilworth Ave/I295 from East Capitol Street, NE to Penn Rail Road Bridge over pass is a total reconstruction project. The length of the project is about 2,600 both directions. The design project will include upgrade of the existing curb and gutter, replace existing fences, remove the existing temporary Jersey Barriers and replace with permanent Jersey Barriers and address the current hydraulic problem.

- a: NB Kenilworth Ave NE Reconstruction
- b: SB Kenilworth Ave NE Reconstruction

TIP ID: 3355 Agency ID: PM086A Title: Professional Capacity-Building Strategy											Total Cost: \$9,000
Facility:	Citywide	STBG	100/0/0		1,500 e	1,500 e	1,500 e	1,500 e	1,500 e	1,500 e	9,000
From:											
To:											
Total Funds: 9,000											

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.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

	Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 3423 Agency ID: AW011, AW024 Title: South Capitol Street Corridor										Total Cost: \$555,000
Facility:	DC	0/100/0	104,740 c	41,000 c	81,900 c					122,900
From: N St, MLK Ave, Suitland Pkwy, Memorial Bri	DEMO	80/20/0	103,918 c							
To:	GARVEE	80/20/0	132,960 c		13,100 c	90,600 c	63,100 c			166,800
	HIP	80/20/0		2,090 c						2,090
	NHPP	80/20/0	24,600 c			1,000 d				1,000
Total Funds: 292,790										

Description: Redevelopment of the South Capitol Street corridor is a part of the Anacostia Waterfront Initiative.

- a. New Frederick Douglass Memorial Bridge
- b. Suitland Parkway and I-295 Interchange Reconfiguration
- c. Martin Luther King Jr. Ave. and Suitland Parkway Interchange Reconfiguration
- d. South Capitol St from N St to SE/SW Freeway Boulevard Streetscape
- e. New Jersey Ave SE Streetscape improvements
- f. South Capitol Street Corridor Phase 2

TIP ID: 3508 Agency ID: AW016, AW017 Title: Anacostia Riverwalk Trail										Total Cost: \$12,350
Facility:	ARRA/TIGER	100/0/0	12,000 c							
From:										
To:	STBG	83/17/0			350 a					350
Total Funds: 350										

Description: The Riverwalk is a multi-use trail along the east and west sides of the Anacostia River. It will serve as a recreational amenity and transportation alternative for a wide range of users including bicyclist, inline skaters, pedestrians, persons with disabilities, and others.

- a. Anacostia Park Trail Connector
- b. Buzzard Point and Virginia Ave. Connections
- c. Kenilworth Garden Trails
- d. Kenilworth Parkside to Maryland Ave.

TIP ID: 5298 Agency ID: AF067A Title: Emergency Transportation Project										Total Cost: \$150
Facility: Citywide	STBG	83/17/0		25 c	25 c	25 c	25 c	25 c	25 c	150
From:										
To:										
Total Funds: 150										

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 such as major pavement failures, sinkholes, falling steel or concrete from bridges and other urgent needs.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 5322 Agency ID: CM085A Title: Environmental Management System									Total Cost: \$3,365

Facility: CMAQ 80/20/0 600 a 553 a 553 a 553 a 553 a 553 a 3,365
 From: _____
 To: **Total Funds: 3,365**

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: Roadway Pavement Condition Assessment									Total Cost: \$7,300
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Facility: Citywide STBG 83/17/0 1,100 e 1,200 e 1,200 e 1,250 e 1,250 e 1,300 e 7,300
 From: _____
 To: **Total Funds: 7,300**

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

TIP ID: 5337 Agency ID: CD051A Title: Kenilworth Ave NE Pedestrian Bridges Replacement									Total Cost: \$19,000
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Facility: Kenilworth Ave NE STBG 83/17/0 2,350 a 15,075 c 15,075
 From: _____
 To: **Total Funds: 15,075**

Description: This project will fund the replacement of the deck, approach slabs, bearing joints; and repair the substructure and repaint steel.
 a. Douglas St NE Pedestrian Bridge Replacement

TIP ID: 5339 Agency ID: SR037A Title: Pavement Restoration - NHPP Streets									Total Cost: \$60,150
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Facility: NHPP 83/17/0 150 a 10,000 c 10,000 c 10,000 c 10,000 c 10,000 c 66,650
 From: _____
 To: **Total Funds: 66,650**

Description: Resurfacing of selected roadway segments on the National Highway System (NHPP), repair-replacement of curbs, gutters and sidewalks, driveways, base pavements, perimeter fencing, furnishing sewer-water manhole frames, catch basin tops, and removal of roadway and roadside debris.

TIP ID: 5342 Agency ID: CD046A Title: Approach Bridges to 14th Street Bridge									Total Cost: \$34,000
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Facility: 14th Street Bridge northbound over the Poto NHPP 90/10/0 3,750 a 3,000 a 28,000 c 31,000
 From: _____
 To: **Total Funds: 31,000**

Description: The approach bridges to be rehabilitated are over Maine Ave. (bridge 171-1), over the Outlet Channel (bridge 171-2) and over Haines Point Park (bridge 171-3).

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 5346 Agency ID: CD026 Title: Theodore Roosevelt Bridge Rehabilitation									Total Cost: \$120,000

Facility:	NHPP	90/10/0	3,964 a	1,023 c	700 a	58,000 c	58,000 c		117,723
From:			25 b						
To:									
									Total Funds: 117,723

Description: Maintain the structure's service life for 30 years and improve safety by making necessary repairs to the existing structure. Improve safety by bringing the combined pedestrian/bicycle sidewalk into compliance with safety standards.

TIP ID: 5347 Agency ID: CI046A, CI047 Title: Traffic Signal Maintenance									Total Cost: \$115,065
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Facility: Citywide	DC	0/100/0		840 c	840 c	840 c	840 c	840 c	4,200
From:									
To:	NHPP	83/17/0		5,425 c	7,558 c	7,558 c	7,558 c	7,558 c	43,215
	STBG	83/17/0		4,150 a	1,000 a	1,000 a	3,000 a	2,500 a	67,650
				8,900 c	7,360 c	7,360 c	7,360 c	7,360 c	
				1,300 d	1,300 d	1,300 d	1,300 d	1,300 d	
									Total Funds: 115,065

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

- a. Traffic Signal and Streetlight Utility Locating and Marking
- b. Traffic Signal Construction Contract
- c. Traffic Signal Maintenance
- d. Traffic Signal Management and Design
- e. Traffic Signal Optimization
- f. Traffic Signal System Management
- g. Traffic Signal Consultant Design
- h. Traffic Signal Systems Analysis
- i. Traffic Signal On-site Support Services

TIP ID: 5353 Agency ID: ED028A Title: Southern Ave SE Improvements									Total Cost: \$45,000
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Facility: Southern Ave SE	DC	0/100/0		6,239 c					6,239
From: South Capitol St SE									
To: 23rd St SE	STBG	83/17/0	2,200 a	15,500 c	1,000 a			1,000 a	32,761
			16,500 c		5,261 c			10,000 c	
									Total Funds: 39,000

Description: The purpose of the project is to implement transportation improvements that improve vehicular, pedestrian, and bicycle safety, maintain mobility, and correct roadway facility deficiencies through the project area.

- a. Southern Ave from Barnaby Rd SE to UMC Campus
- b. Southern Ave from South Capitol St to Barnaby St SE
- c. Southern Ave from UMC Campus to 23rd St SE

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

			Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 5385 Agency ID: AD020A Title: Streetlight Asset Management												Total Cost: \$26,653
Facility:	DC	0/100/0				7,000 c	6,882 c					13,882
From:												
To:	NHPP	83/17/0				3,840 c	1,258 c					5,098
	STBG	83/17/0				5,760 c	1,913 c					7,673
											Total Funds: 26,653	

Description: This project will provide maintenance for the District's 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.

TIP ID: 5432 Agency ID: CD049A Title: Pennsylvania Ave NW Bridge over Rock Creek												Total Cost: \$6,100
Facility: Pennsylvania Ave. NW over Rock Creek	DC	0/100/0									1 c	1
From:												
To:	HBRRP	80/20/0			50 b							
	NHPP	83/17/0			6,040 c							
											Total Funds: 1	

Description: Rehabilitation of Bridge # 118, Pennsylvania Ave. NW over Rock Creek

TIP ID: 5433 Agency ID: PM094A, CD05 Title: Bridge Management												Total Cost: \$2,150
Facility:	NHPP	83/17/0				350 e	350 e	350 e	350 e	375 e	375 e	2,150
From:												
To:												
											Total Funds: 2,150	

Description: Daily assessment of the condition of the District's bridges. Developing strategies for their preventive maintenance, rehabilitation and reconstruction. Maintenance of the Department's bridge records, recording the condition of all bridges into the Bridge Management System and annually reporting the data to FHWA.

TIP ID: 5439 Agency ID: AD017A Title: Streetlight Construction												Total Cost: \$7,142
Facility: citywide	DC	0/100/0					300 a					3,000
From: citywide							2,700 c					
To:	STBG	83/17/0				300 a	111 a				30 a	4,142
						2,700 c	1,001 c					
											Total Funds: 7,142	

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.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

			Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 5554	Agency ID: HTF02A	Title: Garvee Bond Debt Service - 11th Street Bridge SE Replacement								Total Cost: \$176,500		
Facility:		NHPP	100/0/0	58,845 c	11,770 c	11,770 c	11,767 c	11,770 c	11,767 c	11,768 c	70,612	
From:												
To:	Total Funds: 70,612											

Description: This project is to fund the debt service on the 11th Street Bridge SE Replacement.

TIP ID: 5723	Agency ID: AW027A	Title: St. Elizabeths Campuses Access Improvements								Total Cost: \$108,980		
Facility:		DC	0/100/0							1 c	1	
From:												
To:	GSA Earmark	80/20/0		8,860 a								
				205,700 c								
	Total Funds: 1											

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 Reconstruction and Streetcar Extension								Total Cost: \$225,000		
Facility: Benning Rd NE		CMAQ	80/20/0	3,200 a								
From: Oklahoma Ave NE												
To: East Capitol St NE	DC	0/100/0		6,400 a	8,000 a	6,065 a	27,750 c	33,509 c			100,324	
				23,614 c		25,000 c						
	NHPP	83/17/0			13,000 a	45,455 c	36,048 c	15,415 c			109,918	
	Total Funds: 210,242											

Description: The Benning Road Reconstruction and Streetcar Extension project includes design, civil engineering oversight, and project management. In out years, the project also includes final design, utility coordination, construction engineering, and construction.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 5755 Agency ID: STC12A Title: Union Station to Georgetown Transit									Total Cost: \$120,000
Facility: CMAQ	80/20/0	1,500 d			4,000 a				4,000
From: DC	0/100/0	5,250 a	1,000 a			20,000 c	90,000 c		111,000
To: NHPP	80/20/0	7,000 c							
		7,500 a							
Total Funds: 115,000									

Description: The K Street Transitway would reconfigure K Street NW between 9th St. and 21st St. NW to have two center-running dedicated lane and two to three lanes in each direction for general traffic. The configuration of the transitway could be built for future conversion to streetcar.

a. K Street Transitway

TIP ID: 5792 Agency ID: ED0C2A Title: C Street NE Implementation									Total Cost: \$22,800
Facility: C Street NE and North Carolina Ave NE	STBG	83/17/0	1,500 a	293 a	21,000 c				21,293
From: 14th St NE									
To: 22nd St NE									
Total Funds: 21,293									

Description: Mill and overlay the pavement surface, reconstruct sidewalks and roadway pavement as needed on C Street from 14th Street, NE to 22nd Street, NE and North Carolina Ave from 14th Street, NE to 16th Street, NE, new retaining wall at proposed sidewalk, installation of bulb-outs and bus pads, granite curb & brick gutter, crosswalks, pavement marking and wheelchair ramps. Upgrading of streetlights, traffic signals and drainage structures. Other design elements considered for the project are ADA compliance, LID elements and protected bike facilities.

TIP ID: 5802 Agency ID: AW035A Title: Program Manager AWI									Total Cost: \$9,000
Facility: Citywide	NHPP 1	83/17/0		1,500 a	1,500 a	1,500 a	1,500 a	1,500 a	9,000
From:									
To:									
Total Funds: 9,000									

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									Total Cost: \$18,665
Facility: Anacostia Freeway Bridge over Anacostia Ri	NHPP	80/20/0	350 a	800 c					800
From:			16,000 c						
To:									
Total Funds: 800									

Description: Rehabilitation of subject bridge to eliminate all deficiencies and ensure the safety of the traveling public. Deficiencies include deteriorating overlay, efflorescence and map cracking in soffit, expanded bearings, deteriorated superstructure steel under finder dams, peeling paint, rotation of substructure units. Br. # 233.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 5922 Agency ID: AF081A Title: District Freight Planning Program									Total Cost: \$1,080

Facility: NHFP 80/20/0 200 d 200

From: _____
To: _____ **Total Funds: 200**

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

a. State Freight Plan

TIP ID: 5957 Agency ID: AW0, EW002C Title: Pennsylvania Ave and Potomac Ave SE Intersection Improvements									Total Cost: \$22,000
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Facility: Pennsylvania Ave SE DC 0/100/0 5,696 c 5,696

From: Potomac Ave SE

To: HSIP 80/20/0 3,000 a
5,750 c

NHPP 83/17/0 1,400 a 400 a 1,000 c 1,400

STBG 83/17/0 4,304 c 4,304

Total Funds: 11,400

Description: 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: 6014 Agency ID: SR088A Title: Maryland Avenue NE Road Diet									Total Cost: \$28,000
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Facility: Maryland Ave. NE DC 0/100/0 3,700 c 1 c 1

From: 2nd Street NE

To: 15th Street NE STBG 83/17/0 2,300 a
22,600 c

Total Funds: 1

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

TIP ID: 6038 Agency ID: Title: Garvee Bond Debt Service - South Capitol St									Total Cost: \$391,000
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Facility: NHPP 83/17/0 26,080 c 26,080 c 26,080 c 26,080 c 104,320

From: _____

To: _____ **Total Funds: 104,320**

Description: This project is to fund the debt service on the Frederick Douglas Memorial Bridge replacement.

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

			Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 6039 Agency ID: CD054A Title: H Street Bridge over Railroad												Total Cost: \$211,205
Facility: H Street NE	DC	0/100/0	9,000 a			13,541 c	33,122 c	66,795 c	75,983 c	21,764 c	211,205	
From: North Capitol St			14,250 c									
To: 3rd Street NE	NHPP	80/20/0	1,000 a									

Total Funds: 211,205

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 St SE												Total Cost: \$15,000
Facility: Anacostia Freeway Bridges at Nicholson	DC	0/100/0								1 c	1	
From:												
To:	NHPP	80/20/0	1,000 a									
			14,000 c									

Total Funds: 1

Description: Rehabilitation of subject bridges to eliminate all deficiencies and to make the facility safe for the traveling public.

TIP ID: 6097 Agency ID: MRR14A Title: Anacostia Freeway Bridges over South Capitol St												Total Cost: \$21,000
Facility: Anacostia Freeway over South Capitol Stree	DC	0/100/0								1 c	1	
From:												
To:	NHPP	80/20/0	1,000 a									
			12,097 c									

Total Funds: 1

Description: Rehabilitation or replacement of subject bridges to eliminate all structural deficiencies and to make the facilities safe for the traveling public.

TIP ID: 6102 Agency ID: Title: 5303/5304 FTA Program												Total Cost: \$2,874
Facility: Citywide	Sect. 5303	80/20/0	2,420 a	415 a	415 a						830	
From:												
To:	Sect. 5304	80/20/0	638 a	110 a	110 a						220	

Total Funds: 1,050

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

DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
CAPITAL COSTS (in \$1,000)

			Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 6105	Agency ID:	Title: DC Circulator										Total Cost: \$80,000	
Facility:		DC	0/100/0	63,853 e	750 c	100 e						7,950	
From:					7,100 e								
To:		STBG	83/17/0				300 d						300
											Total Funds: 8,250		

Description: DC Circulator capital projects.

- a. DC Circulator On-Board Photo Enforcement
- b. DC Circulator Sustainability and Zero Emissions Fleet Transition Plan

TIP ID: 6114	Agency ID: ZUT10C	Title: South Capitol Street Trail										Total Cost: \$12,964
Facility:		CMAQ	80/20/0	1,700 a	500 a						11,500	
From:											11,500 c	
To:											Total Funds: 11,500	

Description: Design and construct a paved bicycle and pedestrian trail along South Capitol Street.



TIP ID: 6115	Agency ID: CI040A	Title: Traffic Signal LED Replacement										Total Cost: \$10,080
Facility:		NHPP	83/17/0	3,120 c	1,080 c	1,080 c	1,080 c	1,080 c	1,080 c	1,080 c	1,080 c	6,480
From:		STBG	83/17/0	2,760 c	450 c	540 c	990 c	540 c	540 c	540 c	540 c	3,600
To:		STBG	83/20/0	2,760 c	450 c	540 c	990 c	540 c	540 c	540 c	540 c	3,600
											Total Funds: 10,080	

Description: Replace traffic and pedestrian signal LED modules at all signalized intersections on the surface transportation systems.

TIP ID: 6190	Agency ID: FLD01	Title: Bloomingdale/LeDroit Park Medium Term Flood Mitigation Project										Total Cost: \$10,000	
Facility: Bloomingdale/LeDroit Park		DC	0/100/0	2,500 a	500 a							2,000	
From:					7,500 c	1,500 c							
To:											Total Funds: 2,000		

Description: Construction of Green Infrastructure to manage flooding concerns in the Bloomingdale/LeDroit neighborhoods.

DISTRICT OF COLUMBIA
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CAPITAL COSTS (in \$1,000)

			Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 6193			Agency ID: PM0D7A			Title: Cleveland Park Improvements						Total Cost:	\$36,000
Facility:	DC		0/100/0			1,000 a						1,000	
From:	HSIP		90/10/0				16,100 c					16,100	
To:	NHPP		83/17/0		526 a 2,415 c	240 a						240	
	STBG		83/17/0			1,000 a					15,000 c	16,000	
											Total Funds:	33,340	

Description: The objective of the this project is to address the local reoccurring flooding problem near the Cleveland Park Metro Station and to improve pedestrian safety, access and visibility at all intersections; and introduce public realm improvements along the corridor of Connecticut Avenue from Macomb Street to Quebec Street, NW.

- a. Cleveland Park Drainage and Watershed Improvements
- b. Cleveland Park Streetscape Improvements

TIP ID: 6194			Agency ID: Temp1315			Title: Normanstone/Fulton Street Culvert & LID						Total Cost:	\$4,300
Facility:	Normanstone Drive		DC	0/100/0		2,800 c							
From:	Fulton Street												
To:	34th Street		FLAP	83/17/0		1,500 c	1 c					1	
											Total Funds:	1	

Description: This project is to 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 Ave NE Streetscape						Total Cost:	\$65,000
Facility:	Florida Ave NE		DC	0/100/0		35,000 b	11,393 c					46,393	
From:													
To:	NHPP		83/17/0				1,000 b 2,000 c					3,000	
	STBG		83/17/0		3,500 a 150 b	2,000 a 1,000 b	8,607 c					11,607	
											Total Funds:	61,000	

Description: Implementation of Florida Avenue Transportation Study recommendations, which includes reconstruction, safety improvements, and streetscape upgrades.

- a. Florida Ave from 2nd St to H St NE
- b. Florida Ave and New York Ave NE Intersection

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CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 6197 Agency ID: MRR26A Title: Monroe St NE Bridge over CSX & WMATA									Total Cost: \$23,000
Facility: Monroe Street Bridge	NHPP	80/20/0	1,700 a						
From:			20,700 c						
To:	STBG	83/17/0	1,500 c	2,200 c					2,200
									Total Funds: 2,200

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

TIP ID: 6230 Agency ID: ZU010A Title: New York Ave NE Improvements									Total Cost: \$36,000
Facility: New York Ave NE	CMAQ	80/20/0	700 a						
From: Florida Ave NE			3,300 c						
To: Bladensburg Rd NE	DC	0/100/0		4,500 a	29,748 c				34,248
	STBG	83/17/0		400 c					400
									Total Funds: 34,648

Description: Improvements to New York Ave NE including:

- a. New York Ave at Bladensburg Rd NE Sign Structure Replacement
- b. New York Ave NE Streetscape and Trail

TIP ID: 6240 Agency ID: MRR01A Title: Safety and Geometric Improvements of I-295									Total Cost: \$30,000
Facility: I-295/DC-295	CMAQ	90/10/0	12,000 c						
From:	NHPP	83/17/0	3,500 a	1,000 d					1,000
To:									
									Total Funds: 1,000

Description: Safety and geometry improvement of I295/DC 295. Work includes upgrade substandard ramps, extend merge area & acceleration lane, review slip ramps, complete missing interchange movements, reduce congestion, provide access for vehicular traffic, pedestrian and cyclists that include, road configuration, sidewalk improvement, pavement markings, median, island, traffic signal, signs, street lighting, and guardrails at interchanges along I-295/DC 295 between Eastern Avenue and Chesapeake St.

- a. Safety and Geometric Improvements of I-295 (Long Term)
- b. Safety and Geometric Improvements of I-295 (Short Term)

TIP ID: 6315 Agency ID: SR086A Title: East Capitol Street Corridor Mobility & Safety Plan									Total Cost: \$26,800
Facility: Street	HSIP	90/10/0	1,500 a	400 a				25,000 c	25,400
From:									
To:	STBG	80/20/0	1,000 a						
									Total Funds: 25,400

Description: Design and construct pedestrian safety and traffic operations improvements



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CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 6418 Agency ID:		Title: 16th St Bridge over Piney Branch Rd NW Rehabilitation						Total Cost: \$9,362		
Facility: 16th St NW	DC	0/100/0						1 c	1	
From:										
To:	NHPP	83/17/0	1,000 a							
			8,362 c							

Total Funds: 1

Description: Rehabilitation of 16th Street Bridge over Piney Branch Parkway, NW, Bridge No. 0022, to include deck repair, utility replacement to preserve the integrity and extend the life of the masonry and reinforced concrete arch superstructure.

TIP ID: 6419 Agency ID:		Title: Eastern Avenue from New Hampshire Ave to Whittier St NE						Total Cost: \$10,000		
Facility: Eastern Ave NE	DC	0/100/0				4,883 c			4,883	
From: New Hampshire Ave NE										
To: Whittier St NW	STBG	83/17/0	750 a	55 a	4,117 c				4,172	

Total Funds: 9,055

Description: The purpose of this project is to provide for the rehabilitation and reconstruction of Eastern Avenue from Whittier Street NW to New Hampshire Avenue NE, including intersections; and introduce public realm improvements. The needs of the project include Vehicular Safety, Improved Pavement Condition, Improved Operational Movement/Congestion Relief, Bicycle/Pedestrian Mobility, Retaining Wall Reconstruction, and ADA Compliance.

TIP ID: 6427 Agency ID:		Title: Kenilworth Terrace Bridge over Watts Branch						Total Cost: \$8,347		
Facility: Kenilworth Terrace NE	NHPP	83/17/0					6,100 c		6,100	
From:										
To:										

Total Funds: 6,100

Description: Project scope includes applying waterproof seal to the entire timber structure, repair the reinforced concrete roadway curb, rehabilitation of deck structure of both approach abutments.

TIP ID: 6428 Agency ID:		Title: Anacostia Ave NE over Anacostia River Outlet Bridge Rehabilitation						Total Cost: \$12,200		
Facility: Anacostia Ave NE Bridge over Anacostia Riv	HBRRP	83/17/0						11,500 c	11,500	
From:										
To:	NHPP	80/20/0	700 a							

Total Funds: 11,500

Description: The existing bridge (No. 78) needs total rehabilitation to become efficient and structurally sound as part of the roadway network and enhancing traffic movement through the corridor. The rehabilitation includes total replacement of the deck, the compression joint seals over both abutments and the pier.

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CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 6491 Agency ID:		Title: Connecticut Ave NW Multimodal Study						Total Cost:		\$48,235
Facility: Connecticut Ave NW	DC	0/100/0	1,500 a					11,000 c	12,500	
From:										
To:	HSIP	90/10/0						25,000 c	25,000	
	NHPP	83/17/0	1,000 a	750 d				3,500 c	4,250	
Total Funds:									41,750	

Description: This project is composed of multiple improvements to the Connecticut Ave NW corridor. It includes streetscape improvements and deckover of the Dupont Circle underpass. It also includes a study to evaluate the effectiveness and safety of the reversible lanes and the feasibility of improved multimodal access through the corridor.

- a. Connecticut Ave from Dupont Circle to California St NW Streetscape
- b. Connecticut Ave NW Multimodal Study

TIP ID: 6493 Agency ID:		Title: Roadway Reconstruction in Ward II						Total Cost:		\$26,135
Facility: Ward II	NHPP	83/17/0	135 a						25,135	
From:			25,000 c							
To:	STBG	80/20/0	1,000 a							
Total Funds:									25,135	

Description: Pavement reconstruction including improvement of curb and gutter, sidewalk, streetlights, traffic signals, upgrade ADA ramps, drainage catch basins, LID's and replace trees at three locations in Ward II:

- a. 21st St from O St to Massachusetts Ave NW
- b. Florida Ave from Decatur St to Massachusetts Ave NW
- c. Massachusetts Ave from 20th St to Waterside Dr NW

TIP ID: 6495 Agency ID:		Title: South Dakota Ave NE and New York Ave NE Interchange Improvements						Total Cost:		\$1,900
Facility: South Dakota Ave. NE	CMAQ	80/20/0	400 a							
From: New York Ave NE										
To: 33rd PL NE	NHPP	83/17/0	900 a							
	STBG	83/17/0		600 a					600	
Total Funds:									600	

Description: This involves the study and full exploration of the operations, safety, and efficiency of the existing interchange between South Dakota and New York Avenues and surrounding area.

- a. V St NE Limited Access-33rd St NE

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CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 6497 Agency ID:		Title: Arboretum Bridge and Trail						Total Cost: \$12,000		
Facility: Anacostia River bridge	CMAQ	80/20/0	1,000 a		500 a				500	
From:										
To:	DC	0/100/0			4,883 c				4,883	
	FLAP	80/0/0			6,118 c				6,118	
	NRT	80/20/0		500 a					500	
Total Funds:									12,001	

Description: Bridge and trail for people walking and bicycling from the Anacostia River Trail across the river to the National Arboretum and Maryland Ave NE.

- a. Arboretum Bridge - Maryland Ave NE Connection
- b. Arboretum Bridge and Trail

TIP ID: 6499 Agency ID:		Title: Southeast Boulevard/Barney Circle Environmental Assessment						Total Cost: \$2,000		
Facility: Southeast Boulevard	DC	0/100/0						1 a	1	
From: Barney Circle										
To: 11th St SE	STBG	80/20/0	2,180 a							
Total Funds:									1	

Description: Perform an Environmental Assessment to study converting the Southeast Boulevard from its existing condition to an at-grade multi-modal urban boulevard.

TIP ID: 6501 Agency ID:		Title: Kennedy St from 16th St to Georgia Ave NW Reconstruction						Total Cost: \$12,305		
Facility: Kennedy St NW	STBG	83/17/0	1,032 a	305 a	10,500 c				10,805	
From: 16th St NW										
To: Georgia Ave										
Total Funds:									10,805	

Description: This project is to reconstruct Kennedy Street, NW corridor from Georgia Avenue to 16th Street, NW. The scope of work for this Task Order includes but not limited to roadway and streetscape design, subsurface utility engineering (SUE), traffic signal modification, context sensitive design/solution, utility relocation coordination, maintenance of traffic, intersection safety and operational efficiency improvement, signage and pavement markings, storm water management-LID/Bio retention, Improvement of curbs & gutter, driveways, sidewalks and ADA ramps.

TIP ID: 6502 Agency ID:		Title: Subsurface Investigation & AM Program Support						Total Cost: \$4,086		
Facility: Citywide	STBG 2	83/17/0		681 a	340 a	340 a	340 a	340 a	340 a	2,381
From:										
To:										
Total Funds:									2,381	

Description: Subsurface Pavement Engineering to determine characteristics of roadway and to perform adequate analysis for pavement design, engineering and support for asset management program

DISTRICT OF COLUMBIA
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CAPITAL COSTS (in \$,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 6503 Agency ID:		Title: Construction of Fiber Communication Network on Freeways						Total Cost:		\$6,710

Facility: Citywide
From: HSIP
To: 80/20/0

6,460 c	610 c								610
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Total Funds: 610

Description: Perform feasibility study for upgrade of DDOT traffic signal system, conduct system design for implementation of advanced traffic controllers, Procure and install advanced traffic controllers and the associated devices; perform system integration.

TIP ID: 6505 Agency ID:		Title: I-395 Sign Structure Improvements						Total Cost:		\$10,300
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Facility: Citywide
From: HSIP
To: 90/10/0

5,000 c	1,500 c								1,500
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Total Funds: 1,500


Description: The project replaces either non-compliant (with the Manual on Uniform Traffic Control Devices), incorrect, or old overhead and other guidance signs along I-395 northbound and southbound generally between the 3rd Street tunnel and the Maine Avenue exits. There will be approximately 30 signs changed as a part of the project. The timeline for completion is the end of August, barring any situations where sign structures need to be replaced.

TIP ID: 6516 Agency ID:		Title: Pedestrian Bridge over Arizona Ave NW and Connecting Trail Rehabilitation						Total Cost:		\$10,000
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Facility: Pedestrian Bridge and Trail at Arizona Ave N
From: Nebraska Ave NW
To: Galena PI NW

CMAQ	80/20/0	1,400 a	210 a	1,000 a			8,000 c		9,210
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Total Funds: 9,210

Description: The project area includes a rehabilitation and pavement of the 0.65-mile section of the trails at Arizona Ave from Nebraska Avenue, NW to Galena Place, NW including missing sections of the trail and rehabilitation/ reconstruction Substructure and Superstructure of approximately 110-foot long Pedestrian Bridge over Arizona Ave connecting both sides of Arizona Ave trails including pedestrian access ramp. 

TIP ID: 6595 Agency ID:		Title: Pennsylvania Ave from 17th St to Washington Cir NW Streetscape						Total Cost:		\$10,036
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Facility: Pennsylvania Ave NW
From: 17th St NW
To: 22nd St NW

CMAQ	0/100/0					5,000 c			5,000
NHPP	83/17/0	1,000 a	1,536 a	2,500 a					4,036

Total Funds: 9,036

Description: Design for streetscape of Pennsylvania Avenue NW, includes multi-modal friendly transportation.Facilitate New Connections, Balancing the Modes, Pedestrian Scale Streetscape, Create a vibrant, cohesive public space that provides a sense of visual continuity and a framework for new active uses.

TIP ID: 6597 Agency ID:		Title: Aspen Street NW Improvements						Total Cost:		\$4,482
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Facility: Aspen Street NW
From: Georgia Avenue NW
To: 16th Street NW

DC	0/100/0		500 a						500
STBG	80/20/0	500 a							

Total Funds: 500

Description: Improve Aspen Street NW from Georgia Avenue NW to 16th Street NW to include new turn lanes and a multi-use trail on the north side of the street to support the Walter Reed redevelopment.

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CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 6598 Agency ID:		Title: Tenleytown Multi-Modal Access							Total Cost:	\$6,080

Facility: Wisconsin Ave NW
From: Albemarle Street NW
To: Brandywine Street NW

Description: Develop preliminary and final design for improvements based on recently completed Tenleytown-AU Metrorail Station Access Improvements Study.

STBG	83/17/0	1,000 a	1,000 a						1,000
Total Funds:									1,000

TIP ID: 6610 Agency ID: CFPID170319		Title: Overhead Freeway Sign Maintenance							Total Cost:	\$3,600
Facility: Citywide	NHPP	83/17/0	600 c	600 c	600 c	600 c	600 c	600 c	3,600	
Total Funds:									3,600	

Description: Repair and replacement of damaged overhead/oversized signage, primarily located along Interstate system. This project will facilitate replacement of damaged signs that are too large to fabricate and install in-house.

TIP ID: 6613 Agency ID:		Title: I-695 Bridges From I-395 to I-295/DC-295							Total Cost:	
Facility: I 695	DC	0/100/0						1 c	1	
Total Funds:									1	

From: I 395
To: I 295

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

TIP ID: 6614 Agency ID:		Title: Pennsylvania Ave SE Streetlight Upgrade							Total Cost:	\$20,885
Facility: Pennsylvania Ave SE	NHPP	83/17/0	7,115 c	110 a	19,500 c				19,610	
Total Funds:									19,610	

From: 2nd St SE
To: 14th St SE

Description: The work includes but is 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.

TIP ID: 6625 Agency ID:		Title: Citywide Streetlights P3							Total Cost:	\$412,500
Facility: Citywide	DC	0/100/0	729 a	6,925 a	11,500 c	11,500 c	11,500 c	11,500 c	64,425	
From:	NHPP	83/17/0	399 a	3,649 a	6,352 c	6,352 c	6,352 c	6,352 c	35,409	
To:	STBG	83/17/0	608 a	3,552 a	9,529 c	9,529 c	9,529 c	9,529 c	51,197	
Total Funds:									151,031	

Description: This project will be to develop a Private, Public, Partnership (P3) for the Streetlights in the District of Columbia. The P3 will include the conversion of all District Streetlights to LED in addition to a long-term, performance-based asset management contract. Work to develop the P3 will include technical, legal, and financial aspects of the project which will be developed into an RFP. Section 106 and NEPA work will also be included during the development of the RFP. This project will be split 42% Local, 23% NHPP and 35% STP. The development of the P3 is anticipated to take between 12 and 18 months. The P3 contract will be for between 10 and 15 years.

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CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 6636 Agency ID:		Title: Bus Priority Plan and Program						Total Cost: \$46,938	
Facility: Citywide	DC	0/100/0	432 a	3,253 a	2,978 a	12,782 a	13,236 a	13,689 a	46,370
From:									
To: Sect. 5304	80/20/0		568 a						568
Total Funds:									46,938

Description: interdisciplinary program at DDOT to plan, design, and implement bus priority corridor projects. Under the program, lead a strategic plan for bus priority projects, which would build upon moveDC and the Metrobus Priority Corridor Network plan. The purpose of this plan is to: Identify benchmarks or metrics to determine when to apply specific bus priority improvements given corridor characteristics, such as ridership, headways, roadway width; Identify phase one corridors and prioritize them for study, design and implementation; Apply the benchmarks to determine a set of improvements for each phase one corridor; Engage the public and solicit feedback; and Develop a programmatic agreement with the Federal Highway Administration for environmental clearance of the plan's recommendations or a streamlined approach to environmental documentation.

TIP ID: 6637 Agency ID:		Title: 4th St and P St SW Streetlight upgrade						Total Cost: \$5,116	
Facility: Along 4th St and P St SW	STBG	83/17/0	500 a					4,100 c	4,600
From: First St SW									
To: M St SW									
Total Funds:									4,600

Description: Design and Construction of street light upgrade. Existing street lights are old and inefficient and will be replaced with LED efficient lights, new manholes, new poles and new cable and conduits.

TIP ID: 6638 Agency ID:		Title: 16th St NW Transit Priority						Total Cost: \$9,000	
Facility: 16th St NW	CMAQ	80/20/0	1,000 a		2,004 e				3,004
From: H St NW									
To: Arkansas Ave NW									
Total Funds:									3,004

Description: The purpose of the Proposed Action is to improve transit performance and reliability along with pedestrian crossings, bus stops, and sidewalks along 16th Street NW between H Street NW and Arkansas Avenue NW. 16th Street is a multimodal corridor and the purpose of the project is to move more people through the corridor quickly to meet the existing and long-term regional mobility and local accessibility needs for residents and the traveling public within the project area.

a. 16th St NW Transit Priority Cameras


TIP ID: 6639 Agency ID:		Title: Chestnut St from Western Ave to Oregon Ave NW Sidewalk						Total Cost: \$3,400	
Facility: Chestnut St NW	DC	0/100/0		1,845 c					1,845
From: Western Ave NW									
To: Oregon Ave NW	STBG	83/17/0		400 a					1,555
Total Funds:									3,400

Description: This project is to design new sidewalks on Chestnut Street, NW from Western Avenue to Oregon Avenue which is half a mile long with 40 ft. wide roadway. Currently there is no sidewalk on either side of the street and this has been a problem for pedestrians in the neighborhood. The project will tie into an existing sidewalk on the southeast side of Western Avenue and proposed sidewalk on the western side of Oregon Avenue.

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CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total	
TIP ID: 6642 Agency ID:		Title: I-66 and Rock Creek Parkway Ramp Study						Total Cost:		\$8,000
Facility:	DC	0/100/0	540 d						540	
From:										
To:	STBG	83/17/0	1,000 d						1,000	
Total Funds:									1,540	

Description: There are several transportation needs in this area that need to be considered holistically: - ANC 2A requested a feasibility study to connect the terminus of I-66 to the Rock Creek Parkway. - As part of the Union Station to Georgetown Streetcar EA, a loop ramp from westbound K Street NW to southbound 27th Street NW was proposed to improve traffic operations. The new right turn ramp that would go under the existing K Street Bridge adjacent to the I-66/Whitehurst Freeway ramp. - The K Street bridge over the ramp to the Whitehurst Freeway is in need of rehabilitation. This planning study/environmental process would examine the impacts and implications of these connections on motorists, as well as upon multimodal users and the surrounding built and natural environment. The findings would inform the scope of the upcoming K Street Bridge rehabilitation work.






TIP ID: 6643 Agency ID:		Title: K St and Water St NW Trail Connection						Total Cost:		\$250
Facility:	NPS	80/20/0	250 a						250	
From:										
To:										
Total Funds:									250	
Description: Study and compliance of an off street trail connection and bridge between the Capital Crescent Trail and the Rock Creek Trail. 										

TIP ID: 6644 Agency ID:		Title: LED Signage Procurement and Installation						Total Cost:		\$2,435
Facility:	NHPP	83/17/0	360 c	415 c	415 c	415 c	415 c	415 c	2,435	
From:										
To:										
Total Funds:									2,435	
Description: Procurement and installation of LED signage and intelligent warning systems (flashing pedestrian signs, driver feedback machines, etc.). Signs will be procured, installed, and maintained by Field Operations Branch.										

TIP ID: 6657 Agency ID:		Title: New York Ave NE Bridge over Anacostia River						Total Cost:		\$800
Facility: New York Avenue NE	DC	0/100/0						1 c	1	
From:										
To:	NHPP	83/17/0	800 a							
Total Funds:									1	
Description: This project will include inspections and preliminary design work to assess the need for future rehabilitation and preventive maintenance on the bridge.										

TIP ID: 6658 Agency ID:		Title: S St from 4th St to 7th St NW Revitalization						Total Cost:		\$400
Facility: S St NW	DC	0/100/0						1 c	1	
From: 4th St NW										
To: 7th St NW	STBG	83/17/0	400 a	300 a					300	
Total Funds:									301	
Description: This project will assess the feasibility of roadway surface, safety, and streetscape improvements.										

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CAPITAL COSTS (in \$1,000)

Source	Fed/St/Loc	Previous Funding	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Source Total
TIP ID: 6674 Agency ID: Title: 7th Street NW Planning Study									Total Cost: \$350
Facility: 7th St NW	STBG	83/17/0		350 a					350
From: Pennsylvania Ave NW									
To: Massachusetts Ave NW									
Description: DDOT is restriping 7th Street NW between Pennsylvania and Massachusetts Avenues NW in 2019, including temporary pedestrian improvements and removal of the northbound bus only lane. This project would apply the lessons learned from the pilot to a more comprehensive planning study, which would explore safety and mobility improvements, including dedicated bicycle and transit lanes.									
TIP ID: 6675 Agency ID: Title: Bladensburg Road Multimodal Safety and Access									Total Cost: \$500
Facility: Bladensburg Rd NE	STBG	83/17/0		500 a					500
From: Benning Rd NE									
To: Eastern Ave NE									
Description: Improved multimodal safety and access on Bladensburg Road between Benning Road and Eastern Avenue.									
TIP ID: 6676 Agency ID: Title: Eastern Ave and Sheriff Rd NE Intersection Safety Improvements									Total Cost: \$500
Facility: Eastern Ave NE	STBG	83/17/0			500 a				500
From: Division Ave NE									
To: Sheriff Rd NE									
Description: Improve safety and operations at Eastern Avenue, Sheriff Road, and Division Avenue. In addition, this process will assess alternatives to intersection design, utility coordination, and ROW impacts.									
TIP ID: 6677 Agency ID: Title: Lower Georgia Avenue NW Multi-Modal Transportation Study									Total Cost: \$350
Facility: Georgia Ave NW	STBG	83/17/0				350 a			350
From: Bryant St NW									
To: New Hampshire Ave NW									
Description: Improve multi-modal safety and accessibility on Lower Georgia Avenue NW, between Bryant Street NW and New Hampshire Avenue NW.									
TIP ID: 6678 Agency ID: Title: Galloway Street NE Trail Improvements									Total Cost: \$1,000
Facility: Galloway St NE	STBG	83/17/0		500 c					500
From: Ft Totten Metro									
To: South Dakota Ave NE									
Description: This project will complete construction of a multi-use trail along Galloway Street NE from the Fort Totten Metro to South Dakota Avenue NE.									
TIP ID: 6679 Agency ID: Title: North Capitol Street Area Model									Total Cost: \$305
Facility: North Capitol St	STBG	83/17/0		303 d					303
From: R St									
To: Kansas Ave									
Description: The North Capitol Street area model would develop a traffic model for the North Capitol Street area between R Street and Kansas Avenue. The study will consider existing condition scenarios, future land use planning scenarios and recommendations for future transportation studies and analysis in the area to develop the area model. The model will assist with analyzing the impact of future land use densities for large scale developments.									

**Table 1A
DISTRICT OF COLUMBIA
FY 2019-2024 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in \$Millions)**

Source	2019		2020		2021-2022		2023-2024		2019-2024	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Title I - FHWA										
Bridge Replacement and Rehabilitation Program			0.09	0.11	0.19	0.23	9.74	11.73	10.02	12.07
Congestion Mitigation and Air Quality Improvement Program	5.82	7.27	6.37	7.97	20.30	30.38	26.70	33.38	59.20	79.00
Federal Lands Access Program	0.00	0.00			4.89	6.12	0.00	0.00	4.90	6.12
Highway Infrastructure Program	1.67	2.09			0.00	0.00	0.00	0.00		
Highway Safety Improvement Program	17.07	18.86	23.11	25.66	18.70	20.17	66.12	72.59	125.00	137.28
National Highway Freight Program	0.63	0.76	0.56	0.69	0.38	0.46	0.55	0.66	2.12	2.56
National Highway Performance Program	98.16	114.45	102.13	118.87	305.19	352.60	212.97	245.72	718.45	831.63
State Planning & Research Program	3.90	4.88	3.64	4.55	7.28	9.10	7.28	9.10	22.10	27.63
State Transportation Innovation Council	0.10	0.13	0.10	0.13	0.20	0.25	0.20	0.25	0.60	0.75
Surface Transportation Block Program	101.04	120.83	129.00	155.12	112.73	135.20	155.08	186.23	497.85	597.37
Transportation Alternatives Program	1.57	1.96	3.04	3.80	4.72	5.90	4.72	5.90	14.05	17.57
Title I - FHWA Total:	229.96	271.21	268.06	316.89	474.58	560.40	483.36	565.56	1,455.96	1,714.06
Title III - FTA										
5303 - Planning Program	0.33	0.42	0.33	0.42	0.00	0.00	0.00	0.00	0.66	0.83
5304 - State & Planning Research Program	0.54	0.68	0.09	0.11	0	0	0	0	0.63	0.79
Title III - FTA Total:	0.87	1.09	0.42	0.53					1.29	1.62
State/Local										
District Funds	0.00	114.39	0.00	182.08	0.00	261.84	0.00	275.05		833.36
State/Local Total:		114.39		182.08		261.84		275.05		833.36
Other										
Grant Anticipation Revenue Vehicles (Bonds)			10.48	13.10	122.96	153.70	0.00	0.00	133.44	166.80
National Park Service	0.20	0.25			0.00	0.00	0.00	0.00	0.20	0.25
National Recreational Trails Funding Program	0.34	0.41	0.73	0.90	0.66	0.80	0.66	0.80	2.40	2.91
Other Total:	0.54	0.66	11.21	14.00	123.62	154.50	0.66	0.80	169.96	169.96
Grand Total:	231.38	387.35	279.69	513.49	598.20	976.74	484.03	841.41	1,593.29	2,718.99