

PRELIMINARY DRAFT
9/9/2016

**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
--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

Interstate

11th Street Bridges and Interchange Reconstruction

TIP ID: 5554	Agency ID: HTF02A	Title: Garvee Bond Debt Service							Total Cost:	\$82,390
--------------	-------------------	---------------------------------	--	--	--	--	--	--	-------------	-----------------

Facility:	NHPP	80/20/0	11,774 c	11,772 c	11,771 c	11,771 c			47,088
From:									
To:									Total Funds: 47,088

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

Rehabilitation of I-395 HOV Bridge over Potomac River

TIP ID: 6187	Agency ID: MRR27A	Title: Rehabilitation of I-395 HOV Bridge over Potomac River							Total Cost:	\$39,250
--------------	-------------------	--	--	--	--	--	--	--	-------------	-----------------

Facility: I-395 HOV	NHPP	80/20/0					38,500 c			38,500
From: Over Potomac River										
To: Over Potomac River									Total Funds: 38,500	

Description: Repair extensive pier cracking, superstructure and substructure rehabilitation.

Rehabilitation of I-66 Ramp to Whitehurst Freeway over Potomac Pkwy and Rock Creek (Bridge No.1303)

TIP ID: 6416	Agency ID:	Title: Rehabilitation of I-66 Ramp to Whitehurst Freeway over Potomac Pkwy and Rock Creek (Total Cost:	\$6,000
--------------	------------	---	--	--	--	--	--	--	-------------	----------------

Facility: I-66 Ramp to Whitehurst Freeway over Pot	NHPP	80/20/0			1,000 a	5,000 c				6,000
From: I-66 Ramp										
To: Whitehurst Freeway over Potomac Pkwy an									Total Funds: 6,000	

Description: Rehabilitation of the concrete substructures and superstructure and other related miscellaneous repairs of I-66 Ramp to Whitehurst Freeway over Potomac Pkwy and Rock Creek (Bridge No. 1303).

Primary

Anacostia Waterfront Initiative

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					5,750 c			5,750
From:										
To:									Total Funds: 5,750	

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.

**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: 5723 Agency ID: AW027A Title: St. Elizabeths Campuses Access Improvements									Total Cost:	\$108,980

Facility: GSA Earmark 80/20/0 31,420 c 24,800 c 56,220

From: _____

To: **Total Funds: 56,220**

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: 5802 Agency ID: CD044A Title: Program Manager AWI									Total Cost:	\$52,500
--	--	--	--	--	--	--	--	--	--------------------	-----------------

Facility: Citywide NHPP 80/20/0 7,000 a 6,500 a 6,000 a 5,500 a 25,000

From: _____

To: **Total Funds: 25,000**

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: 3290 Agency ID: SR049A Title: Reconstruction of Kenilworth Avenue, NE									Total Cost:	\$13,050
--	--	--	--	--	--	--	--	--	--------------------	-----------------

Facility: Kenilworth Ave, NE NHPP 80/20/0 13,050 c 13,050

From: East Capitol St Ramp _____

To: Rail Over Pass north of Benning Rd **Total Funds: 13,050**

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.

South Capitol Street										
-----------------------------	--	--	--	--	--	--	--	--	--	--

TIP ID: 6038 Agency ID: Title: Garvee Debt Service									Total Cost:	
---	--	--	--	--	--	--	--	--	--------------------	--

Facility: NHPP 80/20/0 12,320 c 18,030 c 18,030 c 18,030 c 66,410

From: _____

To: **Total Funds: 66,410**

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: 3423 Agency ID: AW011, AW024 Title: South Capitol Street Corridor									Total Cost:	\$554,172
Facility:	DC	0/100/0		34,420 c	4,294 c	24,303 c				63,017
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			22,320 c	22,320 c	22,320 c			66,960
									Total Funds:	339,267

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.

Secondary

Columbia Road NW, Reconstruction 16th to 18th Streets and Resurface 18th Street to Conn Ave

TIP ID: 6189 Agency ID: MRR24A Title: Columbia Road, NW, Reconstruction 16th to 18th Streets and Resurface 18th Street to C									Total Cost:	\$1,000
Facility: Columbia Road, NW	STP	80/20/0				1,000 a				1,000
From: 16th Street, NW										
To: Connecticut Ave, NW										
									Total Funds:	1,000

Description: Pavement reconstruction from 16th to 18th Street to remove old streetcar tracks and Resurface from 18th Street to Connecticut Ave. Improve curb and gutter, sidewalk, streetlight, traffic signals, upgrade ADA ramps, drainage catch basins, add LID's, median planter and replace trees.

Florida Avenue Transportation Study

TIP ID: 6195 Agency ID: ZU033A Title: Florida Avenue Transportation Study									Total Cost:	\$12,000
Facility: Florida Avenue, NE	STP	80/20/0		1,000 a						1,000
From: 1St Street, NE										
To: H Street, NE										
									Total Funds:	1,000

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.

**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
--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

Maryland Avenue Pedestrian Safety Project

TIP ID: 6014	Agency ID: SR088A	Title: Maryland Avenue NE Road Diet						Total Cost:	\$3,600
---------------------	--------------------------	--	--	--	--	--	--	-------------	----------------

Facility: Maryland Ave. NE	STP	80/20/0		3,300	c				3,300
----------------------------	-----	---------	--	-------	---	--	--	--	-------

From: 2nd Street NE									
To: 15th Street NE								Total Funds:	3,300

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

Mid City East

TIP ID: 6184	Agency ID: OSS14A	Title: Mid City East						Total Cost:	\$3,000
---------------------	--------------------------	-----------------------------	--	--	--	--	--	-------------	----------------

Facility: Eckington, Bloomingdale, LeDroit, Hannover	STP	80/20/0		2,500	c				2,500
--	-----	---------	--	-------	---	--	--	--	-------

From: Eckington									
To: Shaw								Total Funds:	2,500

Description: The Mid City East Livability Study seeks to improve physical connectivity among the neighborhoods of Mid City East and their connections to the opportunities and assets of the larger city. Local transportation networks are envisioned as safe and comfortable for travelers of all ages and abilities, contributing to the health of the community and environment and celebrating local identity. The study covers the neighborhoods of Eckington, Bloomingdale, LeDroit, Hannover-Bates, and parts of Shaw.

Reconstruction of 18th Street, NW from Virginia Ave to Connecticut Ave/M Street

TIP ID: 6412	Agency ID:	Title: Reconstruction of 18th Street, NW from Virginia Ave to Connecticut Ave/M Street						Total Cost:	\$1,000
---------------------	------------	---	--	--	--	--	--	-------------	----------------

Facility: 18th Street NW	STP	80/20/0		1,000	a				1,000
--------------------------	-----	---------	--	-------	---	--	--	--	-------

From: Virginia Ave NW									
To: M Street NW								Total Funds:	1,000

Description: Pavement reconstruction including improvement of curb and gutter, sidewalk, streetlight, traffic signals upgrade ADA ramps, drainage catch basins, LID's, and replace trees.

Reconstruction of 21st Street, NW from Constitution Ave to G Street and from I Street to New Hampshi

TIP ID: 6413	Agency ID:	Title: Reconstruction of 21st Street, NW from Constitution Ave to G Street and From I Street to						Total Cost:	\$1,000
---------------------	------------	--	--	--	--	--	--	-------------	----------------

Facility: 21st Street NW	STP	80/20/0			1,000	a			1,000
--------------------------	-----	---------	--	--	-------	---	--	--	-------

From: Constitution Ave NW / I Street NW									
To: G Street NW / New Hampshire Ave NW								Total Funds:	1,000

Description: Pavement reconstruction including improvement of curb and gutter, sidewalk, streetlight, traffic signals upgrade ADA ramps, drainage catch basins, LID's, and replace trees on 21st Street NW, from Constitution Ave to G Street and from I Street NW to New Hampshire Ave NW

Reconstruction of Columbia Rd NW from Michigan Ave./Park Place to 15th Street

TIP ID: 6415	Agency ID:	Title: Reconstruction of Columbia Rd NW from Michigan Ave NW/Park Place to 15th Street						Total Cost:	\$1,000
---------------------	------------	---	--	--	--	--	--	-------------	----------------

Facility: Columbia Rd NW	STP	80/20/0			1,000	d			1,000
--------------------------	-----	---------	--	--	-------	---	--	--	-------

From: Michigan Ave NW/ Park Place NW									
To: 15th Street NW								Total Funds:	1,000

Description: Pavement reconstruction including improvement of curb and gutter, sidewalk, streetlight, traffic signals upgrade ADA ramps, drainage catch basins, LID's, and replace trees on Columbia Rd NW from Michigan Ave/Park Place to 15th Street NW

**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
--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

Reconstruction of Harvard Street NW from 16th Street NW to Georgia Ave NW

TIP ID: 6425	Agency ID:	Title: Reconstruction of Harvard Street NW from 16th St NW to Georgia Ave NW							Total Cost:	\$1,000
---------------------	------------	---	--	--	--	--	--	--	-------------	----------------

Facility: Harvard Street NW	STP	80/20/0								1,000
From: 16th Street, NW									Total Funds:	1,000
To: Georgia Avenue NW										

Description: Pavement reconstruction from Harvard Street from 16th Street to Georgia Ave, Improve Curb and gutter, sidewalk, streetlight, traffic signals, upgrade ADA ramps, drainage catch basins, add LID's median planter and replace trees.

Reconstruction of Kenyon Street NW from Park Place to 13th Street

TIP ID: 6414	Agency ID:	Title: Reconstruction of Kenyon Street NW from Park Place NW to 13th Street NW							Total Cost:	\$6,500
---------------------	------------	---	--	--	--	--	--	--	-------------	----------------

Facility: Kenyon Street NW	STP	80/20/0			1,000 a	5,500 c				6,500
From: Park Place NW									Total Funds:	6,500
To: 13th Street NW										

Description: Pavement reconstruction including improvement of curb and gutter, sidewalk, streetlight, traffic signals upgrade ADA ramps, drainage catch basins, LID's, and replace trees on Kenyon Street NW from Park Place NW to 13th Street NW

Reconstruction of Ward II

TIP ID: 6493	Agency ID:	Title: Reconstruction of Ward II							Total Cost:	\$10,000
---------------------	------------	---	--	--	--	--	--	--	-------------	-----------------

Facility: 21st Street NW, Florida Ave NW, and Mass	STP	80/20/0					9,000 c			9,000
From:									Total Funds:	9,000
To:										

Description: Reconstruction of Ward II including four locations: 21st Street NW, from O St to Mass Ave, Florida Ave, from Decatur St. to Mass Ave. NW, Mass Ave NW from 20th St to 23rd St., and Mass Ave NW from Decatur St to Belmont St. Pavement reconstruction including improvement of curb and gutter, sidewalk, streetlights, traffic signals, upgrade ADA ramps, drainage catch basins, LID's and replace trees.

Safety Improvements of 22nd and I NW

TIP ID: 6492	Agency ID:	Title: Safety Improvements of 22nd and I NW							Total Cost:	\$400
---------------------	------------	--	--	--	--	--	--	--	-------------	--------------

Facility: Pennsylvania Ave, NW	HSIP	80/20/0				350 c				350
From: 22nd Street NW									Total Funds:	350
To: I Street NW										

Description: Safety improvements of 22nd and I Street, NW. Improve curb and gutter, sidewalk, streetlights, mtraffic signals, upgrade ADA rampsdrainage catch basins, a LIDs.

**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
--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

Bike/Ped

District-wide Bicycle and Pedestrian Management Program

TIP ID: 3232	Agency ID: CM064A, ZUT0	Title: Bicycle and Pedestrian Management Program	Total Cost:						
--------------	-------------------------	--	-------------	--	--	--	--	--	--

Facility: Citywide	CMAQ	80/20/0	1,165 c	605 c	165 c	165 c			2,100
From:									
To:									
Total Funds:									2,100

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)

East Capitol Street Pedestrian Safety Project

TIP ID: 6315	Agency ID: SR086A	Title: East Capitol Street Corridor Mobility & Safety Plan	Total Cost:							\$3,800
--------------	-------------------	--	-------------	--	--	--	--	--	--	----------------

Facility: Street	STP	80/20/0			3,300 c				3,300
From:									
To:									
Total Funds:									3,300

Description: Design and Construct pedestrian safety and traffic operations improvements

Metropolitan Branch Trail

TIP ID: 3228	Agency ID: AF073A, ZU024	Title: Metropolitan Branch Trail	Total Cost:							\$7,432
--------------	--------------------------	----------------------------------	-------------	--	--	--	--	--	--	----------------

Facility: Union Station District Line	CMAQ	80/20/0	3,300 c						3,300
From:									
To:	DEMO	80/20/0	300 a						300
Total Funds:									3,600

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

**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
--	--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

National Recreational Trails

TIP ID: 2796	Agency ID: AF066A	Title: National Recreational Trails						Total Cost:		\$2,100
--------------	-------------------	-------------------------------------	--	--	--	--	--	-------------	--	----------------

Facility: Citywide	NRT	80/20/0		300 a	300 a	300 a	300 a			1,200
--------------------	-----	---------	--	-------	-------	-------	-------	--	--	-------

From:										
To:										Total Funds: 1,200

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 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).

TIP ID: 6230	Agency ID: ZU010A	Title: New York Avenue Trail						Total Cost:		\$3,600
--------------	-------------------	------------------------------	--	--	--	--	--	-------------	--	----------------

Facility: Paved trail/sidewalk	CMAQ	80/20/0		3,300 c						3,300
--------------------------------	------	---------	--	---------	--	--	--	--	--	-------

From:										
To:										Total Funds: 3,300

Description: Design and build a new trail along New York Avenue NE.

Rock Creek Park Trail

TIP ID: 3230	Agency ID: AF005A	Title: Rock Creek Park Trail						Total Cost:		\$8,550
--------------	-------------------	------------------------------	--	--	--	--	--	-------------	--	----------------

Facility: M Street to Beach Drive	CMAQ	80/20/0		5,050 c						5,050
-----------------------------------	------	---------	--	---------	--	--	--	--	--	-------

From: Piney Branch Pkwy										
To: 16th Street										Total Funds: 5,050

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.

Safe Routes to School

TIP ID: 2888	Agency ID: CM086A	Title: Safe Routes to School						Total Cost:		\$10,406
--------------	-------------------	------------------------------	--	--	--	--	--	-------------	--	-----------------

Facility: Safe Routes to School	SRTS	100/0/0		1,151 c	1,151 c	1,151 c	1,151 c			4,604
---------------------------------	------	---------	--	---------	---------	---------	---------	--	--	-------

From:										
To:										Total Funds: 4,604

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.

**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
--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

South Capitol Street Trail

TIP ID: 6114	Agency ID: ZUT10C	Title: South Capitol Street Trail							Total Cost:	
---------------------	--------------------------	--	--	--	--	--	--	--	-------------	--

Facility:	CMAQ	80/20/0			9,700 c				9,700
From:									
To:									Total Funds: 9,700

Description: Design and construct a paved bicycle and pedestrian trail along South Capitol Street based on the 2010 concept plan.

Bridge

Anacostia Freeway Bridges over Nicholson Street SE

TIP ID: 6082	Agency ID: MRR15A	Title: Anacostia Freeway Bridges over Nicholson Street SE (Bridges #1001, 1002)							Total Cost:	\$8,000
---------------------	--------------------------	--	--	--	--	--	--	--	-------------	----------------

Facility: Anacostia Freeway Bridges at Nicholson	NHPP	80/20/0		9,500 c					9,500
From:									
To:									Total Funds: 9,500

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.

H Street Bridge over Amtrak

TIP ID: 6039	Agency ID: CD054A	Title: H Street Bridge over Railroad							Total Cost:	\$22,750
---------------------	--------------------------	---	--	--	--	--	--	--	-------------	-----------------

Facility: H Street NE	NHPP	80/20/0		4,250 c	6,500 c	12,000 c			22,750
From: North Capitol Street									
To: 3rd Street NE									Total Funds: 22,750

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.

Rehabilitation of 14th Street, SW Bridge over Streetcar Terminal

TIP ID: 6426	Agency ID:	Title: Rehabilitation of 14th Street, SW Bridge over Streetcar Terminal							Total Cost:	\$6,000
---------------------	------------	--	--	--	--	--	--	--	-------------	----------------

Facility: 14 Street SW Bridge over Streetcar Terminal	NHPP	80/20/0		5,500 c					5,500
From:									
To:									Total Funds: 5,500

Description: Rehabilitation of the concrete substructures and superstructure and other related miscellaneous repairs.

Rehabilitation of K Street NW Bridge, over Whitehurst Freeway Ramp (Bridge No. 1304)

TIP ID: 6417	Agency ID:	Title: Rehabilitation of K Street NW Bridge, over Whitehurst Freeway Ramp (Bridge No. 1304)							Total Cost:	\$7,000
---------------------	------------	--	--	--	--	--	--	--	-------------	----------------

Facility: K Street Bridge over Whitehurst Freeway Ramp	NHPP	80/20/0		1,000 a	6,000 c				7,000
From:									
To:									Total Funds: 7,000

Description: Rehabilitation of the concrete substructures and superstructure and other related miscellaneous repairs on K Street NW Bridge, over Whitehurst Freeway Ramp (Bridge No. 1304).

**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
Roadway and Bridge Improvement on Southern Avenue and Winkle Doodle Branch Bridge										
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	80/20/0		15,100 c						15,100
From: South Capitol Street										
To: 23rd Street										
										Total Funds: 15,100
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.										

Enhancement										
Transportation Alternatives Program										
TIP ID: 3210 Agency ID: AF049A Title: Transportation Alternatives Program										Total Cost: \$8,050
Facility: Citywide	TAP	80/20/0		1,150 a	1,150 a	1,150 a	1,150 a			4,600
From:										
To:										
										Total Funds: 4,600
Description: The Transportation Enhancements program is federally funded through the Transportation Equity Act for the 21st Century (TEA-21). The program funds projects that aim to strengthen the cultural, aesthetic, and environmental aspects of the nation's intermodal transportation system. Categories include pedestrian and bicycle facilities, scenic and historic preservation, archeological research, and environmental mitigation of runoff pollution.										

ITS										
Traffic Operations Improvements Citywide										
TIP ID: 3216 Agency ID: OSS07A, CI060 Title: Traffic Operations Improvements Citywide										Total Cost:
Facility:	NHPP	80/20/0		477 c	477 c	477 c	477 c			1,908
From:										
To:	STP	80/20/0		1,000 a	1,000 a	1,000 a	1,000 a			37,950
				7,900 c	8,000 c	8,000 c	8,000 c			
				600 e	550 e	500 e	400 e			
										Total Funds: 39,858
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. ITS On Call Technical Support Services
- b. MATOC Annual Fee
- c. Traffic Management Center Operations
- d. Citywide Thermoplastic Pavement Markings
- e. Advanced Traffic Management System
- f. Infrastructure Information Technology Support Services
- g. Moveable Barrier System
- h. Implementation of Advanced Traffic Signal Controllers for DC Signal System
- i. Maintenance of Existing Transportation Systems

**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: 6283 Agency ID: PM0A4A Title: Managed Lanes									Total Cost: \$21,309

Facility: Rochambeau Bridge, I-395, SW/SE Freeway NHPP 80/20/0 5,309 a 5,309

From: _____
To: _____ **Total Funds: 5,309**

Description: The project is to perform a high level feasibility review to identify any potential flaws or major obstacles to completing the project as a public-private partnership (P3) and lay out the critical path to moving the project forward. Phase I: to include NEPA, design, and construction for Rochambeau Bridge. Phase II: to include NEPA, design, and construction for the SE/SW Freeway. Phase III: to include NEPA, design, and construction of I-295.

Traffic Signal LED Replacement

TIP ID: 6115 Agency ID: CI040A Title: Traffic Signal LED Replacement									Total Cost: \$8,400
---	--	--	--	--	--	--	--	--	----------------------------

Facility: NHPP 80/20/0 540 c 540 c 540 c 540 c 2,160

From: _____
To: STP 80/20/0 540 c 540 c 540 c 540 c 2,160

Total Funds: 4,320

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

Other

Asset Condition Assessment

TIP ID: 5323 Agency ID: MNT06A, SR09 Title: Condition Assessment									Total Cost:
---	--	--	--	--	--	--	--	--	--------------------

Facility: citywide STP 80/20/0 1,000 a 650 a 1,000 a 650 a 3,300

From: citywide _____
To: _____ **Total Funds: 3,300**

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

Cleveland Park Study

TIP ID: 6193 Agency ID: PM0D7A Title: Cleveland Park Study									Total Cost:
---	--	--	--	--	--	--	--	--	--------------------

Facility: Connecticut Ave. NW NHPP 80/20/0 2,415 c 2,415

From: Porter Street NW _____
To: Macomb Street NW _____ **Total Funds: 2,415**

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.

**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
Planning and Management Systems										
TIP ID: 3213 Agency ID: CAL16C, PM30 Title: Planning and Management Systems									Total Cost: \$49,377	
Facility: Citywide	CMAQ	80/20/0		149 a	153 a	198 a	157 a			657
From:										
To:	HSIP	80/20/0		381 a	392 a	404 a	416 a			1,593
	SPR	80/20/0		6,500 a	7,000 a	6,500 a	7,000 a			27,000
	STP	80/20/0		3,080 a	2,280 a	2,380 a	2,130 a			9,870
									Total Funds: 39,120	

- Description:
- a. ADA Ramps
 - b. Asset Inventory and ADA Compliance
 - c. Civil Rights/EEO Compliance Monitoring Program
 - d. Climate Change and Air Quality
 - e. Constructability and Work Zone Safety Review
 - f. DBE Support Services
 - g. District STIP Development
 - h. Environmental Management System
 - i. Metropolitan Planning
 - j. State Planning and Research Program
 - k. Boundary Stones
 - l. Research Development and Technology
 - m. Audit and Compliance
 - n. Non-Destructive Concrete Tester and Surveyor
 - o. Utility Location 3D Data Repository
 - p. Research and Innovation Implementation and Evaluation
 - q. Summer Transportation Institute
 - r. Bus Stop ADA Improvements

TIP ID: 5322 Agency ID: CM085A Title: Preventive Maintenance and Repair of Stormwater Pumping Stations									Total Cost: \$3,336	
Facility:	CMAQ	80/20/0		600 a	650 a	700 a	750 a			2,700
From:										
To:	DC	0/100/0		1,000 a	1,000 a					2,000
									Total Funds: 4,700	

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: 3355 Agency ID: PM086A Title: Professional Capacity-Building Strategy									Total Cost: \$7,000	
Facility: Citywide	STP	80/20/0		1,000 a	1,000 a	1,000 a	1,000 a			4,000
From:										
To:										
									Total Funds: 4,000	

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
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
--	--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridge No. 1016 & 1017)

TIP ID: 6097	Agency ID: MRR14A	Title: Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridge No. 1016 & 1017)						Total Cost:	\$21,000
--------------	-------------------	---	--	--	--	--	--	-------------	-----------------

Facility: Anacostia Freeway over South Capitol Street	NHPP	80/20/0								
---	------	---------	--	--	--	--	--	--	--	--

From:										
To:										

Total Funds: 20,000

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.

Roadside Improvements Citywide

TIP ID: 5792	Agency ID: ED0C2A	Title: C Street NE Implementation						Total Cost:	
--------------	-------------------	-----------------------------------	--	--	--	--	--	-------------	--

Facility: C Street/N. Carolina Avenue	STP	80/20/0								
---------------------------------------	-----	---------	--	--	--	--	--	--	--	--

From: Oklahoma Avenue										
To: 14th Street NE										

Total Funds: 4,000

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

Roadway Reconstruction Citywide

TIP ID: 2965	Agency ID: SR060A MRR1	Title: Roadway Reconstruction Citywide						Total Cost:	\$53,900
--------------	------------------------	--	--	--	--	--	--	-------------	-----------------

Facility: CITYWIDE	NHPP	80/20/0								
--------------------	------	---------	--	--	--	--	--	--	--	--

From:										
To:	STP	80/20/0								

Total Funds: 43,000

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. Oregon Ave. NW, Military Rd. to Western Ave.
- b. Rehabilitation of Broad Branch NW
- c. Canal Road NW, Chain Bridge to M St.
- d. New Jersey Ave., Mass Ave. to N St.
- e. Florida Ave NW, 9th to Sherman

**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
Safety Improvements										
TIP ID: 3212 Agency ID: CB0, CIO Title: Safety Improvements Citywide										Total Cost:
Facility: Citywide	HSIP	90/10/0		3,000 a	3,000 a	3,000 a	3,000 a			14,260
From:				565 c	565 c	565 c	565 c			
To:	STP	80/20/0		560 a	560 a	560 a	560 a			3,740
				375 c	375 c	375 c	375 c			
Total Funds:										18,000

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

TIP ID: 6240 Agency ID: MRR01A Title: Safety and Geometric Improvements of I-295										Total Cost: \$11,500
Facility: I-295/DC-295	NHPP	80/20/0				2,500 c	6,500 c			9,000
From:										
To:										Total Funds: 9,000

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. DC 295/ Eastern Ave NE
- b. DC 295/ Nannie Helen Burroughs Avenue from Sheriff Road NE/ Minnesota Avenue NE to Kenilworth Avenue NE/ Kenilworth Terrace NE
- c. DC 295/ Benning Rd, SE
- d. DC 295/ East Capitol St, SE
- e. DC 295/ Pennsylvania Ave, SE
- f. South Capitol Street to I-295 southbound toward Overlook Avenue, SW
- g. DC 295/ Chesapeake St, SW
- h. Kenilworth Avenue NE
- i. DC 295 Mainline Improvements

**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
--	--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

Streetscape

TIP ID: 2922	Agency ID: ED064A	Title: Great Streets - Minnesota Ave, NE						Total Cost:	\$15,000
--------------	-------------------	---	--	--	--	--	--	-------------	-----------------

Facility: Minnesota Ave	STP	80/20/0	14,000 c					14,000
-------------------------	-----	---------	----------	--	--	--	--	--------

From: A Street, NE								Total Funds: 14,000
--------------------	--	--	--	--	--	--	--	----------------------------

To: Sheriff Road, NE

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 phased to mitigate impacts. Phase 1 will construct from A St. to just south of Benning Road; Phase 2 will follow when streetcar study produces direction as to track route.

Traffic Congestion Mitigation

TIP ID: 2945	Agency ID: CM074A	Title: District TDM (goDCgo)						Total Cost:	\$7,000
--------------	-------------------	-------------------------------------	--	--	--	--	--	-------------	----------------

Facility: citywide	CMAQ	80/20/0	1,000 a	1,000 a	1,000 a	1,000 a		4,000
--------------------	------	---------	---------	---------	---------	---------	--	-------

From:								Total Funds: 4,000
-------	--	--	--	--	--	--	--	---------------------------

To:

Description: Identify neighborhoods affected by traffic congestion impacts; determine the causes of traffic congestion; and identify alternative construction projects, traffic management strategies, and other transportation improvement strategies to reduce traffic congestion. Also, environmental studies will assess how the proposed construction projects or traffic management studies will impact air and water quality in the District of Columbia. Outreach to residents, employees and visitors about alternative transportation options to special events and attractions. Provide a multi-modal transportation information resource website (www.goDCgo.com). Create a commuter store that sells fare media and provides trip planning assistance. The project includes an annual District program and annual allocations.

- a. District TDM/goDCgo: Encourage sustainable travel by District residents, workers and visitors primarily through goDCgo brand. Includes employer outreach, bikeshare and circulator marketing, special events.

**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
Traffic Signal Maintenance										
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	1,000 c	1,000 c	1,000 c			3,500
From: Citywide	NHPP	80/20/0		2,420 c	2,450 c	2,480 c	2,510 c			9,860
To: Citywide	STP	80/20/0		1,250 a	1,750 a	1,750 a	1,750 a			28,100
				5,650 c	5,650 c	5,150 c	5,150 c			
Total Funds:										41,460

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

Urban Forestry Program										
TIP ID: 5313 Agency ID: CG311, CG312, Title: Urban Forestry Program									Total Cost: \$10,800	
Facility: Citywide	NHPP	80/20/0		1,512 c		1,512 c				3,024
From:	STP	80/20/0		2,088 c		2,088 c				4,176
To:										
Total Funds:										7,200

Description: Plant new trees, remove dead and diseased trees, treat diseased trees, replace trees, and landscape along local and Federal roads.

**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
--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

TERMs

Transportation Emissions Reduction Measures

TIP ID: 3219	Agency ID: ZU022A	Title: Commuter Connections Program	Total Cost:	\$4,900
--------------	-------------------	--	-------------	----------------

Facility:	CMAQ	80/20/0	700 a	700 a	700 a	700 a			2,800
From:									
To:									
								Total Funds:	2,800

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.

Maintenance

Bloomington/LeDroit Park Medium Term Flood Mitigation Project

TIP ID: 6190	Agency ID: FLD01	Title: Bloomington/LeDroit Park Medium Term Flood Mitigation Project	Total Cost:	\$10,000
--------------	------------------	---	-------------	-----------------

Facility: Bloomington/LeDroit Park	DC	0/100/0	500 a	500 a					4,000
From:									
To:									
								Total Funds:	4,000

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

Bridge Replacement/Rehabilitation Program

TIP ID: 6427	Agency ID:	Title: Kenilworth Terrace Bridge over Watts Branch	Total Cost:	\$3,125
--------------	------------	---	-------------	----------------

Facility: Kenilworth Terrace Bridge over Watts Branch	STP	80/20/0				250 a			250
From:									
To:									
								Total Funds:	250

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

TIP ID: 5298	Agency ID: AF067A	Title: Emergency Transportation Project	Total Cost:	\$175
--------------	-------------------	--	-------------	--------------

Facility: C ITYWIDE	STP	80/20/0	25 c	25 c	25 c	25 c			100
From:									
To:									
								Total Funds:	100

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: 3202 Agency ID: CD032C, MNT0 Title: Bridge Design Consultant Services									Total Cost:	\$4,075
Facility: CITYWIDE	NHPP	80/20/0		1,550 a	300 a	625 a	650 a			3,125
From:										
To:	STP	80/20/0		200 a	200 a					400
Total Funds:										3,525

Description: Provide engineering services for bridges and structures design, geotechnical or other investigations, surveying, including constructability review.

FY2013 Citywide Open End Bridge Design Consultant Services under this contract, the consultant will investigate structural deficiencies encountered during bridge inspections and from observation of DDOT staff. They will propose and design solutions for temporary shoring, structural repair and retrofit, perform structural analyses and rating of bridges, prepare plans, details, special provisions, cost estimates and work orders for construction by the DDOT preventive maintenance contractor.

TIP ID: 5342 Agency ID: CD046A Title: Approach Bridges to 14th Street Bridge									Total Cost:	
Facility: 14th Street Bridge northbound over the Poto	NHPP	80/20/0		23,500 c						23,500
From:										
To:										Total Funds: 23,500

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).

TIP ID: 5337 Agency ID: CD051A Title: Replacement of Pedestrian Bridges over Kenilworth Ave									Total Cost:	\$16,500
Facility: Kenilworth	STP	80/20/0			9,000 c					9,000
From:										
To:										Total Funds: 9,000

Description: This project will fund the replacement of the deck, approach slabs, bearing joints; and repair the substructure and repaint steel.

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		20,000 c						20,000
From:										
To:										Total Funds: 20,000

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.

TIP ID: 5316 Agency ID: CD062A Title: Impact Attenuators and Guiderails									Total Cost:	
Facility: Citywide	HSIP	90/10/0			1,675 c	1,700 c	1,700 c			5,075
From:										
To:										Total Funds: 5,075

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.

**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: 3243 Agency ID: CD062A Title: Citywide Consultant Bridge Inspection									Total Cost: \$13,150

Facility:	NHPP	80/20/0	1,850 a	1,850 a	3,750 a				7,450
From:									
To:									Total Funds: 7,450

Description: Consultant inspection of the District's bridges. Work under this contract consist 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 prescribed inspections schedule, the DDOT Bridge Inspection Manual of Procedures and the National Bridge Inspection Standards (NBS). Safety inspection of railroad owned bridges crossing District streets shall also be performed. Selected inspections of culverts and overhead sign structures shall be performed as needed. FY2014 obligation includes Phase II of the overhead sign structure effort.

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				16,000 a			16,000
From:									
To:									Total Funds: 16,000

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.

TIP ID: 5433 Agency ID: PM094A, CD05 Title: Bridge management Project/AASHTOWARE									Total Cost: \$2,125
---	--	--	--	--	--	--	--	--	----------------------------

Facility: Citywide	NHPP	80/20/0	300 a	325 a	325 a	325 a			1,275
From: Citywide									
To: STP	80/20/0		300 e	300 e	310 e	310 e			1,220
								Total Funds: 2,495	

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

Maintenance of Stormwater management / Best Management Ponds

TIP ID: 3242 Agency ID: CA303C, MNT0 Title: Maintenance, Rehab and Reconstruction of Stormwater-Hydraulic Structures and Flood									Total Cost: \$3,215
---	--	--	--	--	--	--	--	--	----------------------------

Facility:	STP	80/20/0		350 a					1,100
From:									
To:									Total Funds: 1,100

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

**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
--	--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

Resurfacing Streets and Freeways Citywide

TIP ID: 5339	Agency ID: SR037A	Title: FY2012 Pavement Restoration - NHPP Streets						Total Cost: \$29,350	
---------------------	--------------------------	--	--	--	--	--	--	-----------------------------	--

Facility:	NHPP	80/20/0		150 a	5,200 c					11,350
From:				6,000 c						
To:										Total Funds: 11,350

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 tope and removal of roadway and roadside debris.

TIP ID: 3215	Agency ID: SR092A	Title: Federal Aid Pavement Restoration						Total Cost: \$65,100	
---------------------	--------------------------	--	--	--	--	--	--	-----------------------------	--

Facility: Citywide	STP	80/20/0		9,300 c	9,300 c	9,300 c	9,300 c			37,200
From:										Total Funds: 37,200
To:										

Description: Citywide pavement and resurfacing/restoration, upgrading of sidewalk, curb and gutter, and wheelchair ramps.

Streetlight Asset Mgmt & Streetlight Construction - Federal

TIP ID: 5439	Agency ID: AD017A	Title: Citywide streetlight construction						Total Cost:	
---------------------	--------------------------	---	--	--	--	--	--	-------------	--

Facility: citywide	STP	80/20/0		100 a	100 a	100 a	100 a			4,000
From: citywide				900 c	900 c	900 c	900 c			
To:										Total Funds: 4,000

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
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: 5385 Agency ID: AD020A Title: Streetlight Asset Mgmt - Federal									Total Cost:		
Facility: Citywide	NHPP	80/20/0		3,384 c	3,384 c	3,384 c	3,384 c			13,536	
From:											
To:	STP	80/20/0		5,383 c	5,383 c	5,383 c	5,383 c			21,532	
										Total Funds:	35,068

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

Streetlight Asset Mgmt & Streetlight Construction - Local											
TIP ID: 5350 Agency ID: AD304 Title: Streetlight Asset Mgmt & Streetlight Construction - Local									Total Cost: \$10,500		
Facility: Citywide	DC	0/100/0		300 a	300 a	300 a	300 a			34,800	
From:				8,400 c	8,400 c	8,400 c	8,400 c				
To:											
										Total Funds:	34,800

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.

Systems Maintenance											
TIP ID: 2699 Agency ID: CD018A, CD01 Title: Asset Preservation of Tunnels in the District of Columbia									Total Cost: \$41,275		
Facility: Citywide Asset Management of Tunnel	NHPP	80/20/0		1,000 a	175 a	175 a	175 a			31,325	
From:				7,600 c	7,600 c	14,600 c					
To:											
										Total Funds:	31,325

Description: This initiative provides technical support for this performance based contract that enables sustained preventive maintenance, rehabilitation and preservation of all tunnel assets in DDOT inventory system. This principal objectives relative to public safety are the maintenance of automated or natural ventilation system for the explosion of harmful carbon monoxide gas from all tunnels and the provision of an adequate lighting system within each tunnel.

**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: 2927 Agency ID: CD036A, CD04 Title: Citywide FA Preventive Maintenance										Total Cost: \$44,100
Facility:	NHPP	80/20/0		4,800 c	10,720 c		5,360 c			20,880
From:										
To:	STP	80/20/0		1,200 c	2,680 c		1,340 c			5,220
Total Funds:										26,100

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.

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

DC Circulator New Buses for Replacement and Expansion										
TIP ID: 6105 Agency ID: Title: DC Circulator New Buses for Replacement and Expansion										Total Cost: \$8,925
Facility:	DC	0/100/0		17,600 e		7,100 e				24,700
From:										
To:										
Total Funds:										24,700

Description: Additional Circulator buses must be purchased in order to expand service to additional routes.

DC Circulator Expansion - Phase I										
TIP ID: 6103 Agency ID: Title: DC Circulator Expansion - Phase I										Total Cost: \$3,750
Facility:	DC	0/100/0		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
--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

Streetcar

TIP ID: 5754	Agency ID: CM080A	Title: Benning Road Extension							Total Cost: \$82,750
---------------------	--------------------------	--------------------------------------	--	--	--	--	--	--	-----------------------------

Facility: Streetcar Line	DC	0/100/0	23,614 c	27,363 c	21,644 e				92,217
From:				19,596 e					
To:									Total Funds: 92,217

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.

TIP ID: 5755	Agency ID: STC12A	Title: Union Station to Georgetown Premium Transit; K Street Transit							Total Cost: \$76,290
---------------------	--------------------------	---	--	--	--	--	--	--	-----------------------------

Facility: Premium Transit	DC	0/100/0				24,280 c	45,014 c	69,294		
From:										
To:	NHPP	80/20/0	7,500 a	31,500 c	34,875 c					73,875
									Total Funds: 143,169	

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.

Freight

District Freight Plan

TIP ID: 5922	Agency ID: AF081A	Title: District Freight Plan							Total Cost: \$300
---------------------	--------------------------	-------------------------------------	--	--	--	--	--	--	--------------------------

Facility: Citywide	STP	80/20/0	150 a				150 a	300	
From:									
To:									Total Funds: 300

Description: Development of a District freight plan to enhance the safety and efficiency of goods movement

Off-Hours Freight Delivery Pilot Project

TIP ID: 6408	Agency ID:	Title: Off-Hours Freight Delivery Pilot Project							Total Cost: \$300
---------------------	------------	--	--	--	--	--	--	--	--------------------------

Facility:	HRDP	50/50/0	140 a							140
From:										
To:									Total Funds: 140	

Description: The DDOT Off-Hours Freight Delivery Pilot Project will focus on improving the management of curbside loading zones in the city by incentivizing businesses to shift to off-hour deliveries. The District has a constrained infrastructure with multiple modes competing for use of the same space and DDOT believes that a focus on encouraging off-hour deliveries would contribute significantly to reducing congestion.

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
--------	------------	------------------	---------	---------	---------	---------	---------	---------	--------------

Planning and Systems Enhancement for Weight Stations

TIP ID: 2633	Agency ID: CI029A, CI053	Title: Size and Weight Enforcement Program							Total Cost: \$11,280
--------------	--------------------------	--	--	--	--	--	--	--	----------------------

Facility: Citywide	STP	80/20/0	5,000 c	450 c	450 c	250 c			6,150
--------------------	-----	---------	---------	-------	-------	-------	--	--	-------

From:									Total Funds: 6,150
To:									

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. Truck Size and Weight Program

Virginia Avenue Tunnel Project

TIP ID: 5959	Agency ID: MRR16A	Title: Virginia Avenue Tunnel Project							Total Cost: \$201,300
--------------	-------------------	---------------------------------------	--	--	--	--	--	--	-----------------------

Facility: Virginia Ave. SE	PRIV	0/0/0	1,200 c	1,200 c					2,400
----------------------------	------	-------	---------	---------	--	--	--	--	-------

From:									Total Funds: 2,400
To:									

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.