

ITEM 8 – Action

June 21, 2017

Approval to Amend the FY 2017-2022 Transportation Improvement Program (TIP) to Include Project and Funding Updates for FY 2017 for the District Department of Transportation (DDOT)

Staff

Recommendation: Adopt Resolution R25-2017 to amend the FY 2017-2022 TIP.

Issues: None

Background: DDOT has requested an amendment to update project and funding information in FY 2017 for 37 projects in the DDOT section of the TIP. These projects are already included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 TIP or are exempt from the air quality conformity requirement. On June 2, 2017, the Steering Committee reviewed the amendment and recommended approval.

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

**RESOLUTION ON AN AMENDMENT TO THE FY 2017-2022 TRANSPORTATION
IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY
REQUIREMENT TO UPDATE PROJECT AND FUNDING INFORMATION FOR FY 2017 IN ORDER
TO MATCH THE DISTRICT'S UPDATED OBLIGATION PLAN, 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 Moving Ahead for Progress in the 21st Century (MAP-21) 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 November 16, 2016 the TPB adopted the FY 2017-2022 TIP; and

WHEREAS, in the attached letter of June 1, 2017, DDOT has requested that the FY 2017-2022 TIP be amended to update project descriptions and an increase FY 2017 funding by \$179 million for 37 projects in the District's portion of the TIP to reflect the District's Obligation Plan, as described in the attached materials; and

WHEREAS, these projects are included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 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;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2017-2022 TIP to update project descriptions and an increase FY 2017 funding by \$179 million for 37 projects in the District's portion of the TIP to reflect the District's Obligation Plan, as described in the attached materials.

Government of the District of Columbia
Department of Transportation



d. Planning and Sustainability Division

June 1, 2017

The Honorable Bridget Newton, Chairperson
National Capital Region Transportation Planning Board
Metropolitan Washington Council of Governments
777 North Capitol Street N.E., Suite 300
Washington, DC 20002-4290

Dear Chairman Newton,

The District Department of Transportation (DDOT) requests that the FY 2017-2022 Transportation Improvement Program (TIP) be amended to include the District's updated Obligation Plan.

The Obligation Plan is a seven-year plan for obligating (initiating) projects. DDOT updates its Obligation Plan annually. The proposed amendment will update the District's element of the FY 2017-2022 TIP with project-related information and funding for FY 2017 as reflected in DDOT's most recently approved Obligation Plan. The updated FY 2017-2022 TIP sheets for the proposed amendment are attached.

The proposed amendment 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. Therefore, DDOT requests that the TPB Steering Committee review the proposed amendment and recommend that the TPB approve the proposed amendment at its meeting on June 21, 2017.

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. Of course, feel free to contact me directly.

Sincerely,

James Sebastian
Acting Associate Director, Planning and Sustainability Division (PSD)

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

FY 2015 - 2020

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
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DDOT

Interstate

11th Street Bridges and Interchange Reconstruction

TIP ID: 3193	Agency ID: CD056A	Title: 11th Street Bridges SE, Replace and Reconfigure	Complete:	Total Cost:	\$37,500
Facility: 11th Street Bridge and Interchan	NHPP	80/20/0	29,500 c	4,500 a	6,000
From:				1,500 c	
To:					
Total Funds:					6,000

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:
I-695 Bridges, I-395 to I-295/DC-295- Project Management and
I-695 Eastbound D4 Ramp Design

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Updated the description to include work for: I-695 Bridges, I-395 to I-295/DC-295- Project Management and I-695 Eastbound D4 Ramp Design. Added 4.5 Mil for planning and design in FY 17 and added 1.5 Mil for construction.

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	Complete:	Total Cost:	\$39,250
Facility: I-395 HOV	NHPP	80/20/0	750 a	1,000 a	38,500 c
From: Over Potomac River					39,500
To: Over Potomac River					
Total Funds:					39,500

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

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Added 1Mil NHPP Design funding in FY 17. Moved FY 20 funds to FY 22.

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

FY 2015 - 2020

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
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Primary

Anacostia Waterfront Initiative

TIP ID: 5957	Agency ID: AW0, EW002C	Title: Pennsylvania Ave/Potomac Circle	Complete:	Total Cost:	\$5,750
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Facility: Pennsylvania Ave and Potomac Circle	HSIP	80/20/0	2,000 a	1,000 a					6,750
From:				5,750 c					
To:									

Total Funds: 6,750

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.

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Add 1Mil HSIP in FY 17 for design.

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

Total Funds: 161,800

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

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

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Increase FY 17 Construction from 31Mil to 137Mil of GSA Earmark.

South Capitol Street

TIP ID: 6038	Agency ID:	Title: Garvee Debt Service	Complete:	Total Cost:	
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Facility:	NHPP	80/20/0		18,030 c	18,030 c	18,030 c			54,090
From:									
To:									

Total Funds: 54,090

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

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Removed 12.3 Mil NHPP in FY 17 and included it in South Cap Street Bridge Project. Listed in Garvee Debt Service in error.



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

FY 2015 - 2020

	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, AW024A Title: South Capitol Street Corridor							Complete:	Total Cost:	\$554,172	
Facility:	DEMO	80/20/0	103,918 c							
From: N St, MLK Ave, Suitland Pkwy, Memorial Bri										
To:	GARVEE	80/20/0		48,690 c	84,270 c	76,330 c				209,290
	NHPP	80/20/0		12,300 c	22,320 c	22,320 c	22,320 c			79,260
	State	0/100/0	53,620 c	34,420 c	4,294 c	24,303 c				63,017
Total Funds:										351,567

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.

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Added 12.3 Mil NHPP in FY 17 and removed it from Garvee Service Bond, listed in the wrong place.

Bike/Ped

Reconstruction/Rehabilitation of Superstructure and Substructure Arizona Ave NW

TIP ID: 6516	Agency ID:	Title: Reconstruction/ Rehabilitation of Superstructure and Substructure of	Complete: 2018	Total Cost: \$5,000
Facility: Pedestrian Bridge and Trail at Arizona Ave N	CMAQ	80/20/0	1,000 a	
From: Nebraska Ave NW				
To: Galena PI NW				

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.



Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Proposed as new project under the Bridge Replacement/Rehab Program. Added 1Mil NHPP for Design in FY 17



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

FY 2015 - 2020

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
Bridge									
Monroe Street, NE Bridge over CSX & WMATA									
TIP ID: 6197	Agency ID: MRR26A	Title: Monroe Street, NE Bridge over CSX & WMATA				Complete:	Total Cost:		\$22,400
Facility: Monroe Street Bridge	NHPP	80/20/0	1,700 a						
From:			20,700 c						
To:	STP	80/20/0		1,500 c					1,500
Total Funds:									1,500

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

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Amendment to add 1.5 Mil STP for Construction in FY 17.

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 #				Complete:	Total Cost:		\$19,100
Facility: Southern Avenue	STP	80/20/0	2,200 a	15,500 c					15,500
From: South Capitol Street									
To: 23rd Street									
Total Funds:									15,500

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.

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Increased 15.1Mil to 15.5 Mil in FY 17.

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

FY 2015 - 2020

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
ITS									
Traffic Operations Improvements Citywide									
TIP ID: 3216	Agency ID: OSS07A, CI060A	Title: Traffic Operations Improvements Citywide					Complete:	Total Cost:	
Facility:	DEMO	80/20/0	96 a						
From:	HSIP	90/10/0	2,100 c						2,100
To:	NHPP	80/20/0	1,302 c	250 c	477 c	477 c	477 c		1,681
	NHS	80/20/0	310 a						
	STP	80/20/0	6,200 a	1,200 a	1,000 a	1,000 a	1,000 a		41,250
			33,665 c	8,000 c	8,000 c	8,000 c	8,000 c		
			3,350 e	3,600 e	550 e	500 e	400 e		
Total Funds:									45,031

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
- j. ITS Maintenance
- k. ITS General Support
- l. ITS System Design Services

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Updated FY 17 funding to decrease NHPP from 477 to 250 for construction, increase STP from 1 Mil to 1.2 Mil for design, increase STP from 7.9 Mil to 8 Mil for Construction and add 2.1 Mil HSIP for Construction. Include sub-projects: j. ITS Maintenance, k.



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

FY 2015 - 2020

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
Other									
Planning and Management Systems									

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

FY 2015 - 2020

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3213 Agency ID: CAL16C, PM304 Title: Planning and Management Systems				Complete:				Total Cost:		\$49,377
Facility: Citywide	CMAQ	80/20/0	924 a	2,556 a	153 a	198 a	157 a			3,064
From:	HSIP	80/20/0	729 a	381 a	392 a	404 a	416 a			1,593
To:	Sect. 5339	80/20/0	2,000 c	500 a 1,500 c						2,000
	SHRP2	100/0/0	340 a							
	SPR	80/20/0	19,400 a	7,000 a	7,000 a	6,500 a	7,000 a			27,500
	STP	80/20/0	9,888 a	3,030 a 300 c	2,280 a	2,380 a	2,130 a			10,120
	TID	100/0/0	4 a							
										Total Funds: 44,277

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
s. STIC Innovation Grant
t. Storage and Maintenance EA
u. Diesel Idle Reduction Program
v. Construction Estimate

Modification: Add 1.5 Mil of Section 5339 in FY 2017

Approved on: 3/20/2017

Request to add \$1,500,000 for Section 5339 of unobligated funds. \$2,000,000 was requested in FY 2016 and only \$500,000 was obligated.

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Amend project listing to include sub-projects: s. STIC Innovation Grant, added 100k STP to FY 17, t. Storage and Maintenance EA, added 500k of Section 5339 in FY 17, u. Diesel Idle Reduction Program, added 1.2 Mil CMAQ in FY 17, and v. Construction Estima

Other

DDOT



- Bicycle/Pedestrian Accommodations Included

a - PE b - ROW Acquisition c - Construction d - Study e - Other

D - 7

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

FY 2015 - 2020

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
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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 Stree	Complete:	Total Cost:	\$21,000
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Facility: Anacostia Freeway over South Capitol Street NHPP 80/20/0 1,000 a 10,000 c 20,000 c 30,000

From: _____
To: _____ **Total Funds: 30,000**

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.

Amendment: Add 10 Mil in FY 17 **Requested on: 6/21/2017**
Add 10 Mil of NHPP for construction in FY 17

Roadside Improvements Citywide

TIP ID: 5792	Agency ID: ED0C2A	Title: C Street NE Implementation	Complete:	Total Cost:	
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Facility: C Street/N. Carolina Avenue STP 80/20/0 1,000 a 500 a 4,000 c 4,500

From: Oklahoma Avenue _____
To: 14th Street NE **Total Funds: 4,500**

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

Amendment: Update FY 17 Funding **Requested on: 6/21/2017**
Add 500k STP to FY 17 for design.

TIP ID: 5315	Agency ID: MRR09A	Title: Blair / Cedar / 4th Street NW	Complete:	Total Cost:	\$3,000
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Facility: Intersection of Blair/Cedar and 4th STP 80/20/0 300 a 2,700 c 2,700

From: _____
To: _____ **Total Funds: 2,700**

Description: Implementation of recommendations from the Takoma Study, including new traffic signals, sidewalks, curbs and gutters.

a. Intersection improvements at 4th/Cedar/Blair Streets NW (phase "a" to be obligated in FY 2012)
Safety Improvements as identified in the Road Safety Audit completed.

Amendment: Update FY 17 Funding **Requested on: 6/21/2017**
Add 2.7 Mil for construction to FY 17

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

FY 2015 - 2020

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5308	Agency ID: SR070A, ED070	Title: Neighborhood Streetscape Improvements					Complete:	Total Cost:		\$22,253
Facility:	HSIP	90/10/0		50	a					50
From:										
To:	NHPP	80/20/0	200	a						
			50	b						
			41,484	c						
	NHS	80/20/0	50	b						
			6,000	c						
	STP	80/20/0	450	a						
			3,930	c						
Total Funds:										50

Description: Improve sidewalks, curbs, gutters, trees, streetlights, traffic signals and trash receptacles. Projects include:

- A. 14th Street Streetscape, Thomas Circle - Florida Ave
- B. U St. NW Florida Ave. to 14th St.
- C. Sheriff Road NE safety improvements from 43rd St. to 51st St.
- D. Missouri Avenue, Kansas Avenue, Kennedy Street Intersection Improvements
- E. 15th Street NW Intersection Safety Improvements

Amendment: Add 2017 funding for sup-project letter e. 15th Street NW Intersection Safety Improvements

Requested on: 6/21/2017

Add 50k of HSIP in 2017 for 15th St NW Intersection Safety Improvements

Roadway Reconstruction Citywide

TIP ID: 6597	Agency ID:	Title: Aspen Street NW Improvements					Complete: 2020	Total Cost:	\$8,000	
Facility:	Aspen Street NW	STP	80/20/0	500	a					500
From:	Georgia Avenue NW									
To:	16th Street NW									
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.

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Include Aspen Street NW Improvements as a new project. Add 500k STP for design in FY 2017.

Add Aspen Street NW Improvements as a new project. Add 500k STP for design in FY 17.

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

FY 2015 - 2020

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6598	Agency ID:	Title: Tenleytown Multi-Modal Access				Complete: 2018				Total Cost: \$6,080

Facility: Wisconsin Ave NW	STP	80/20/0	1,000 a							1,000
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From: Albemarle Street NW

To: Brandywine Street NW

Total Funds: 1,000

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

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Include new Tenleytown Multi-Modal Access Project, add 1Mil in FY 17 of STP for design.

TIP ID: 2965	Agency ID: SR060A MRR11	Title: Roadway Reconstruction Citywide				Complete:				Total Cost: \$53,900
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Facility: CITYWIDE	HSIP	80/20/0	1,000 a	15,500 c						15,500
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From:

To:

12,500 c

HSIP	90/10/0	1,000 a	15,500 c							15,500
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12,500 c

NHPP	80/20/0	500 a		6,000 c						6,000
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STP	80/20/0	6,860 a	2,500 a	18,000 c						31,000
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8,000 c 10,500 c

Total Funds: 52,500

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. Reconstruction of Florida Ave- 9th St NW, from T St. NW to V. St NW, Florida Ave NW from V St NW to W St NW, Sherman Ave NW from Florida Ave NW to Barry St NW.

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Changed FY 17 STP Construction from 16Mil to 10.5 Mil, Added 2.5 Mil STP for Design in FY 17 and added 15.5 Mil HSIP for Construction in FY 17.



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

FY 2015 - 2020

	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					Complete:	Total Cost:		
Facility: Citywide		HSIP	90/10/0	6,744 a	3,050 a	3,000 a	3,000 a	3,000 a		14,310
From:				5,193 c	565 c	565 c	565 c	565 c		
To:		NHPP	80/20/0	350 a						
		SPR	80/20/0	220 a						
		STP	80/20/0	2,316 a	560 a	560 a	560 a	560 a		3,740
				2,292 c	375 c	375 c	375 c	375 c		
Total Funds:										18,050

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

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

Amendment: Update FY 17 Funding and description

Requested on: 6/21/2017

modified FY 17 funding and added p. Traffic Engineering Design and q. Traffic Safety IDIQ.

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

FY 2015 - 2020

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
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Streetscape

TIP ID: 6595	Agency ID:	Title: Pennsylvania Ave NW Streetscape from 17th Street NW to Washington	Complete:	Total Cost:	\$17,000
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Facility: Pennsylvania Ave NW	NHPP	80/20/0	1,000 a						1,000
From: 17th St NW									
To: 22nd St NW									
Total Funds:									1,000

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.

Amendment: Update FY 17 Funding	Requested on: 6/21/2017
Add New Project Streetscape Project, Pennsylvania Ave NW Streetscape from 17th St NW to Washington Circle, 1 Mil NHPP for Planning.	

Traffic Congestion Mitigation

TIP ID: 2945	Agency ID: CM074A	Title: District TDM (goDCgo)	Complete:	Total Cost:	\$7,000
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Facility: citywide	CMAQ	80/20/0	5,200 a	1,700 a	1,000 a	1,000 a	1,000 a		4,700
From:									
To:									
Total Funds:									4,700

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.
- b. Capital Bikeshare Marketing and Outreach

Amendment: Update FY 17 Funding	Requested on: 6/21/2017
Add 700k to 1Mil in FY 17 for the Capital Bikeshare Marketing and Outreach program	

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

FY 2015 - 2020

	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, CI047A,	Title: Traffic Signal Maintenance NHPP-STP					Complete:	Total Cost:		\$59,000
Facility: Citywide	HSIP	90/10/0	2,740 c	500 c	1,000 c	1,000 c	1,000 c			3,500
From: Citywide	NHPP	80/20/0	6,903 c	1,925 c	2,450 c	2,480 c	2,510 c			9,365
To: Citywide	NHS	80/20/0	3,121 c							
	STP	80/20/0	7,150 a	2,750 a	1,750 a	1,750 a	1,750 a			29,750
			29,519 c	5,400 c	5,650 c	5,150 c	5,150 c			
				400 d						
Total Funds:										42,615

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

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

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

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Update FY 17 funding according to final design and construction funding.

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

FY 2015 - 2020

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
Urban Forestry Program										
TIP ID: 5313	Agency ID: CG311, CG312,	Title: Urban Forestry Program					Complete:	Total Cost:		\$10,800
Facility: Citywide	NHPP	80/20/0		100 c		1,512 c				1,612
From:	NHS	80/20/0	1,500 c							
To:	STP	80/20/0	4,200 c	400 c		2,088 c				2,488
Total Funds:										4,100

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

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Reduce funding in FY 17 for STP from 2Mil to 500k and NHPP from 1.5 Mil to 100k.

Maintenance

Bridge Replacement/Rehabilitation Program

TIP ID: 6596	Agency ID:	Title: Theodore Roosevelt Memorial Bridge					Complete:	Total Cost:		\$31,000
Facility: Theodore Roosevelt Memorial Bridge	NHPP	90/10/0		1,000 a						1,000
From:										
To:	Total Funds: 1,000									

Description: Phase 2 - bridge deck evaluation and environmental inventory; supplemental to Phase 1 investigation, NPS and FHWA input.

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Theodore Roosevelt Memorial Bridge proposed as a new project under the Bridge Replacement/Rehab Program. Added 1Mil NHPP for design in FY 17.

TIP ID: 5346	Agency ID: CD026	Title: Theodore Roosevelt Bridge Rehabilitation					Complete:	Total Cost:		\$28,500
Facility:	NHPP	90/10/0	2,964 a	1,000 a						1,000
From:			25 b							
To:	Total Funds: 1,000									

Description: Work includes inspection, sampling and material testing; repairing bridge superstructure and substructure; cleaning and painting all steel members; retrofitting pin and hanger assembly; improving pedestrian and bicycle access; and repairing bridge drainage.

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Added 1 Mil NHPP for design in FY 17

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

FY 2015 - 2020

	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, MNT05	Title: Bridge Design Consultant Services					Complete:	Total Cost:		\$4,075
Facility: CITYWIDE	NHPP	80/20/0	1,500 a	1,350 a	300 a	625 a	650 a			2,925
From:										
To:	STP	80/20/0	600 a	500 a	200 a					700
Total Funds:										3,625

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.

Amendment: Update FY 17 Funding **Requested on: 6/21/2017**
Increase STP funding from 200k to 500k in FY 17 and reduce NHPP funding from 1.5 Mil to 1.3 Mil in FY 17.

TIP ID: 5342	Agency ID: CD046A	Title: Approach Bridges to 14th Street Bridge					Complete:	Total Cost:		
Facility: 14th Street Bridge northbound over the Poto	NHPP	80/20/0	750 a	1,000 a				34,000 c		35,000
From:										
To:										
Total Funds:										35,000

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).

Amendment: Update FY 17 Funding **Requested on: 6/21/2017**
Added 1 Mil NHPP funds for Design in FY 17. Increased 24 Mil to 34 Mil and pushed out funds from FY 17 to FY 2022.

TIP ID: 5337	Agency ID: CD051A	Title: Replacement of Pedestrian Bridges over Kenilworth Ave					Complete:	Total Cost:		\$16,500
Facility: Kenilworth	STP	80/20/0	2,000 a	350 a	9,000 c					9,350
From:			2,500 b							
To:										
Total Funds:										9,350

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

Amendment: Add funding in FY 17 **Requested on: 6/21/2017**
Request to add 350k STP for design in FY 17

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

FY 2015 - 2020

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5334	Agency ID: CD052A	Title: Safety Improvements of Benning Road Bridges over Kenilworth Ave				Complete:	Total Cost:			\$23,000
Facility: Benning Road over Kenilworth	NHPP	80/20/0	4,621 a	7,000 a		20,000 c				27,000
From:										
To:										
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.										

Total Funds: 27,000

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Pushed out 20 Mil for construction in FY 17 to FY 20 and added 7 Mil for design in FY 17.

TIP ID: 5316	Agency ID: CD062A	Title: Impact Attenuators and Guiderails				Complete:	Total Cost:			
Facility: Citywide	HSIP	90/10/0	925 a	2,481 a	1,675 c	1,700 c	1,700 c			7,556
From:			7,700 c							
To:										
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.										

Total Funds: 7,556

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Add 150K HSIP for design in FY 17 and add 2.33Mil HSIP for construction in FY 17

TIP ID: 3181	Agency ID: CD066A	Title: Replacement of 31st Bridge, NW over C&O Canal				Complete:	Total Cost:			\$6,200
Facility: 31st Street NW Bridge over C&O Canal	NHPP	80/20/0		6,200 c						6,200
From:										
To:										
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.										

Total Funds: 6,200

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Pushed out 6.2 Mil from FY 16 to FY 17.

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

Total Funds: 16,350

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Advance 16Mil NHPP from FY 2020 to FY 2017 for construction and add 350k for design in FY 17.

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

FY 2015 - 2020

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
Maintenance of Stormwater management / Best Management Ponds										
TIP ID: 3242	Agency ID: CA303C, MNT02	Title: Maintenance, Rehab and Reconstruction of Stormwater-Hydraulic Str					Complete:	Total Cost:		\$3,215
Facility:	STP	80/20/0	800 a	300 a	350 a					2,100
From:			2,050 c	700 c	750 c					
To:										
Total Funds:										2,100

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.

- a. Culvert Database
- b. Culvert Rehabilitation and Replacement

Amendment: Update FY 2017 Funding and description

Requested on: 6/21/2017

Request to add 700k STP funds in 2017 for construction for the Culvert Rehabilitation and Replacement Project, added as letter b. in the description. Also to add 300k of STP funds in 2017 for design for Culvert Database, added as letter a. in the description.

Southwest Freeway Bridgeover South Capitol Street

TIP ID: 6490	Agency ID:	Title: Southwest Freeway Bridge over South Capitol Street					Complete: 2020	Total Cost:		\$2,000
Facility:	NHPP	80/20/0	2,000 a	1,500 a						1,500
From:										
To:										
Total Funds:										1,500

Description: Bridge 1103 is part of Southwest Freeway over South Capitol Street and Bridge 1109 Ramp G, it is a prestressed concrete superstructure and substructure of the Southwest Freeway over South Capitol Street that is in poor condition based on latest inspection and requires extensive rehabilitation/replacement

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Added 1.5 Mil NHPP for design in FY17

Streetlight Asset Mgmt & Streetlight Construction - Federal

TIP ID: 5439	Agency ID: AD017A	Title: Citywide streetlight construction					Complete:	Total Cost:		
Facility: citywide	STP	80/20/0	950 a	250 a	100 a	100 a	100 a			4,765
From: citywide			2,930 c	1,515 c	900 c	900 c	900 c			
To:										
Total Funds:										4,765

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.

Amendment: Increase funding in FY 17

Requested on: 6/21/2017

Increased funding for design from 100k to 250k and increased funding for construction from 900k to 1.5Mil.

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

FY 2015 - 2020

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
Upgrade and Replacement of Overhead Freeway Signs										
TIP ID: 6505	Agency ID:	Title: I-395 Sign Structure Improvements					Complete: 2016		Total Cost:	\$4,700
Facility: Citywide		HSIP	90/10/0	4,000 c						4,000
From:										
To:		NHPP	80/20/0	4,700 a						

Total Funds: 4,000

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.

Amendment: Update FY 17 Funding

Requested on: 6/21/2017

Changed TIP name from Upgrade and Replacement of Overhead Freeway Signs to I-395 Sign Structure Improvements. Added 4Mil HSIP to FY 17 for construction.

Safety										
On-Call Subsurface Pavement Investigation,Engineering										
TIP ID: 6502	Agency ID:	Title: On-Call Subsurface Pavement Investigation, Engineering					Complete: 2017	Total Cost:	\$4,511	
Facility: Citywide		STP	80/20/0	425 a	681 a					681

Total Funds: 681

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

Amendment: Add funding in FY 2017

Requested on: 6/21/2017

Add 681k of STP funds for design in FY 2017

