

DRAFT

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Interstate

Return to L'Enfant

TIP ID: 5718	Agency ID:	Title: Return to L'Enfant	Complete: 2015						
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Facility: I 395 Center Leg Freeway
 From: Massachusetts Avenue, NW
 To: E St., NW (Between 2nd & 3rd)

PRIV 0/0/0 50,000 c 50,000 c 50,000 c 50,000 c

200,000

Total Funds: 200,000

Description: This project is intedtd to accommodate planned growth with maintaining the functionality of the local and regional transportation system, enhance vehicular, pedestrian, and bicycle connection around and across the freeway. Support the full development potential and re-establish the L'Enfant Plan street grid. In addition to an EA, the project will require an Interstate Modification Report (IMR). The implementation of this project will be privately funded.



- a. Transfer excess right of way to a developer (Mass Ave, E Street, 2nd Street, and 3rd Street; exclusive of F Street and G Street).
- b. Eliminate the SB entrance ramp from 3rd Street to I-395 and exit ramp to 3rd Street to I-39. SB access will be maintained via entrance ramp and portal located on Massachusetts Avenue.
- c. Re-align NB 2nd Street ramp.
- d. Re-establish F Street and G Street between 2nd Street and 3rd Street.

Virginia Avenue Tunnel Project

TIP ID: 5959	Agency ID:	Title: Virginia Avenue Tunnel Project	Complete:						
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Facility: Tunnel below Virginia Ave. SE
 From: 2nd St. SE
 To: 11th St. SE

PRIV 0/0/0 600 a 500 c 300 c
 500 c

1,900

Total Funds: 1,900

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 accomodate intermodal trains transporting double-stacked standard cargo containers.

Primary

Anacostia Waterfront Initiative

TIP ID: 5957	Agency ID: AW0, EW002C	Title: Middle Anacostia	Complete: 2015						
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Facility:
 From:
 To:

STP 80/20/0 1,000 a 10,000 c 10,000 c 23,000
 2,000 c

23,000

Total Funds: 23,000

Description: "Near- and mid-term improvements from the Middle Anacostia River Crossing Study, including:
 -Sousa Bridge and wayfinding sign improvements
 -Pedestrian and Bicycle improvements
 -Reconfigure Barney Circle/Boulevard between I-695 and Pennsylvania Avenue
 -RFK access ramp deconstruction



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TIP ID: **5723** Agency ID: **AW003** Title: **St. Elizabeths Campuses Access Improvements** Complete: _____

Facility:	Earmark	80/20/0							
From:	GSA Earmark	100/0/0		6,420 a	2,440 a	24,800 c			108,980
To:				43,900 c	31,420 c				
	NHS	80/20/0	1,500 a						1,500
Total Funds:									110,480

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: **3290** Agency ID: **AW008, SR048A, SR0** Title: **Kenilworth Avenue Corridor** Complete: **2011**

Facility:	STP	80/20/0	500 a		1,100 c	2,200 c			3,800
From:									
To:									
Total Funds:									3,800

Description: This project addresses increased safety for drivers of Kenilworth Avenue, pedestrians and bicyclists crossing the facility, and improving access for local neighborhoods. Improvements include:



- Phase I includes a number of bicycle, pedestrian, and roadway improvements including:
- a. New connection from WB East Capitol St. to NB and SB Kenilworth Ave.
 - b. Slip ramp safety improvements
 - c. Corridor landscaping
 - d. Lighting and signage improvements
 - e. Bicycle and pedestrian improvements
 - f. East Capitol interchange improvements
 - g. Neighborhood identification program
 - h. Improve the bridge at Minnesota Ave. and Deanwood Metro Station.

- Phase II includes a number of reconfiguration and construction improvements including:
- a. Reconfigure the East Capitol St. and Benning Rd. interchanges
 - b. Extend Olive St., construction of Park Road
 - c. Construction of Massachusetts Ave. Park Rd. bridge
 - d. Realignment of ramp from Benning Rd. to SB Kenilworth Ave. and mainline SB Kenilworth Ave. lanes
 - e. New exit from Kenilworth Ave. to River Terrace neighborhood
 - f. Realign ramp from NB Kenilworth Ave. to Benning Rd.
 - g. New Ramp from Benning Rd. to NB Kenilworth Ave.
 - h. New traffic signal on Benning Rd. at NB ramps to and from Kenilworth Ave.

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TIP ID: **5802** Agency ID: **CD044A** Title: **Program Manager AWI** Complete: _____

Facility: NHS 80/20/0 7,500 a 7,500 a 7,500 a 7,000 a 29,500
 From: _____
 To: _____
Total Funds: 29,500

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.



Asset Inventory & ADA Compliance

TIP ID: **6083** Agency ID: _____ Title: **Asset Inventory & ADA Compliance** Complete: _____

Facility: Citywide STP 80/20/0 700 a 700 a 700 a 700 a 700 a 700 a 4,200
 From: _____
 To: _____
Total Funds: 4,200

Description: This project includes the development of a GIS based asset inventory system in the public right of way, evaluation of the assests for ADA compliance and developing a transition plan for compliance.

Asset Inventory, Preliminary Design and RDP Development for Improved Signal System and Communication

TIP ID: **6084** Agency ID: **CI043A** Title: **Asset Inventory, Preliminary Design and RDP Development for Improved Signal System** Complete: _____

Facility: Citywide STP 80/20/0 _____ _____ 3,000 a 3,000
 From: _____
 To: _____
Total Funds: 3,000

Description: DDOT will undertake a comprehensive survey of the subsurface communication cable, conduit trunk and feeder network as well as aerial communications plants, and deveop GIS based detailed inventory documents. The scope will also include preliminary design and RFP development for improved signal system and communication network.

Audit and Compliance

TIP ID: **6085** Agency ID: _____ Title: **Audit and Compliance** Complete: _____

Facility: STP 80/20/0 1,000 a 1,000 a 1,000 a 1,000 a 1,000 a 1,000 a 6,000
 From: _____
 To: _____
Total Funds: 6,000

Description:

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Constitution Avenue Realignment

TIP ID: 6078	Agency ID:	Title: Constitution Avenue Realignment								Complete:
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Facility: Constitution Ave. NW	FLTP	100/0/0	1,300 c	4,000 c						5,300
From: 23rd St. NW										
To: Theodore Roosevelt Memorial Bridge (approach)										
Total Funds:										5,300

Description: The United States Institute of Peace (USIOP) desires the realignment of a portion of Constitution Avenue NW between 23rd Street NW and the Theodore Roosevelt Memorial Bridge. The work will be to increase the distance between an edge of the USIOP building and Constitution Avenue (from 38 feet to approximately 186 feet of horizontal clearance). This work will reduce noise and vibration - realign westbound Constitution Ave. NW further south to reduce the noise pollution to the USIOP; the project will provide historical and recreational use - Braddock's Rock is located immediately south of westbound Constitution Avenue with poor public access. Realigning the road south of Braddock's Rock will allow for better public access to this National Landmark.

Constructability and Work Zone Safety Review

TIP ID: 6090	Agency ID:	Title: Project: Constructability and Work Zone Safety Review								Complete:
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Facility: Citywide	STP	80/20/0	338 a	348 a	359 a	370 a	381 a	392 a	2,188	
From: Citywide										
To: Citywide										
Total Funds:										2,188

Description: The constructability and work zone safety review would cover all constructability, reviews, and work zone safety of infrastructure projects. The constructability review will ensure the quality of IPMA design plans which will ensure compliance with DDOT design policies, standards and guidelines, identify potential risk, ensure projects are buildable and biddable. This would include site logistics, documentation/reporting, scheduling, and technical details. Work Zone Safety review will ensure the design of all work zones for IPMA are designed in accordance to DDOT standards and guidelines, provide operational analysis of work zone impacts, and provide work zone audits to ensure the safety to both construction workers and motorist.

District STIP Development

TIP ID: 6091	Agency ID:	Title: Project: District STIP Development								Complete:
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Facility:	STP	80/20/0	75 a	75 a	50 a					200
From:										
To:										
Total Funds:										200

Description: The purpose of this project is to facilitate implementation of the new District of Columbia State Transportation Improvement Plan (STIP) development process including development of a public participation process and a separate STIP document.

LP_ Far Northeast Livability Plan - Gateway into the District

TIP ID: 6093	Agency ID:	Title: Project: LP_ Far Northeast Livability Plan - Gateway into the District								Complete:
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Facility: Eastern Avenue, Sheriff Road, Division Avenue	STP	80/20/0		600 a						600
From:										
To:										
Total Funds:										600

Description: The intersection of Eastern Avenue/Sheriff Road/Division Avenue is a five approach intersection that lies on the DC-Maryland border. Because of the five leg approach and geometry, this intersection presents a challenging safety concern to pedestrians, bus riders, and cyclists. A roundabout is recommended to reduce modal conflict, improve pedestrian, reduce speeds on all approaches and manage storm water.

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Reconstruction of 16th Street, NW

TIP ID: 6116	Agency ID: CDTC4A	Title: Reconstruction of 16 Street, NW over Military Road	Complete:						
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Facility:	BR	80/20/0	3,937 c						3,937
From:									
To:									
Total Funds:									3,937

Description: The 16th Street, NW Bridge over Military Road has been modified to include the Kalmia Road, NW over tributary of Rock Creek Culvert because the part of the existing culvert has failed and Kalmia Road is needed as a detour for 16th Street.

TIP ID: 6117	Agency ID: CDTC5A	Title: Reconstruction of 16th Street, NW Roadways, Ramps, Median Barrier and Streetlight Im	Complete:						
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Facility:	NHS	80/20/0	2,499 c						2,499
From:									
To:									
Total Funds:									2,499

Description: Provide roadway improvements on Military Road

Reconstruction of Benning Road, NE., Anacostia to 42nd St

TIP ID: 5572	Agency ID: CKTB5A	Title: Reconstruction of Benning Road, NE., Anacostia to 42nd St	Complete: 2011						
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Facility:	STP	83/17/0						3,400 c	3,400
From: Anacostia									
To: 42nd Street									
Total Funds:									3,400

Description: This project provides for the continued reconstruction (phase 2) of Benning Road. The highway pavement has reached the end of its useful life and can no longer be resurfaced. The first phase was the reconstruction of the facility from 14th Str. Oklahoma Ave. Work will include the installation of new median and reconfiguration of travel lanes in order to match phase 1 of the reconstruction. Work will also include landscaping, traffic signals, and streetlights.

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	Complete:						
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Facility: Southern Avenue	STP	83/17/0	800 a	2,000 a	7,000 c	7,000 c	7,000 c	9,000 c	32,800
From: South Capitol Street									
To: 23rd Street									
Total Funds:									32,800

Description: This project will reconstruct or rehabilitate as required, Southern Avenue from South Capitol St. to 23rd St. and includes the Winkle Doodle Branch Bridge (#64). This construction effort will address safety issues in the corridor and improve pedestrian facilities to include all ADA requirements. The scope of work includes the following major tasks but not limited to: improving roadway pavement and sidewalk conditions; upgrading traffic signals, street lights, storm water drainage systems, and landscaping; safety improvements on Winkle Doodle Bridge.

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Secondary

Livability Program

TIP ID: 5790	Agency ID: PM081A, PM082A	Title: Livability Program	Complete: 2016						
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Facility:	State/DC	0/100/0	550 a						550
From:	STP	80/20/0	266 a	900 a	3,860 c				5,776
To:			450 c	300 c					

Total Funds: 6,326

Description: The livability program will employ a strategic, citywide, zone-by-zone approach for identifying key transportation improvements that promote neighborhood quality of life. Outcomes will be aimed at on the ground changes such as enhanced pedestrian crossings, more accessible bus stops, geometric adjustments that support intersection safety, increased green spaces, attractive streetscapes, signage for better driver information, updates to traffic signal timing, and speed controls in sensitive areas. The goal is to address priority locations as determined by land uses and community context. Funding for short term projects is shown. Long term improvements will be established as separate projects.

- a. Far Northeast
- b. Far Southeast (design to be funded in FY 2012)
- c. Rock Creek West 2
- d. Congress Heights (South)

Bike/Ped

Anacostia Riverwalk Trail

TIP ID: 3508	Agency ID: AW016, AW017, AW0	Title: Anacostia Riverwalk Trail	Complete:						
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Facility:	ARRA/TIGER	10/0/0	10,000 c						10,000
From:	NRT	80/20/0	2,000 c						2,000
To:									

Total Funds: 12,000

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

- a. Kenilworth Garden Trails includes trail connection from the Benning Road Bridge to the Bladensburg Marina Park on the east side of the Anacostia River.
- b. Kenilworth: Parkside to Maryland Ave.
- c. Buzzard Point and Virginia Ave. Connections: includes on-street facilities (bicycle lanes and signed routes) and waterfront trails to connect other segments of the Riverwalk Trail to the National Mall, Downtown Washington, DC, and other regional trails.
- d. South Cap: includes trail connections from the South Capitol Street Bridge to Oxon Cove (PE planned in FY12 and construction in FY15)

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District-wide Bicycle and Pedestrian Management Program

TIP ID: 3232	Agency ID: CM064A, ZUT09A, ZU	Title: Bicycle and Pedestrian Management Program						Complete:			
Facility: Citywide	CMAQ	80/20/0		1,770 c	165 c	165 c	1,045 c	1,165 c	165 c	4,475	
From:	State/DC	0/100/0		500 c						500	
To:											
Total Funds:										4,975	

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. Bicycle Sharing (a bicycle rental program)
- d. Cycle Tracks (Pennsylvania Ave, L Street, M Street, 9th Street, 15th Street)

Klingle Trail

TIP ID: 2806	Agency ID: CKTC0	Title: Klingle Trail						Complete: 2015			
Facility: Klingle Road NW	CMAQ	80/20/0		6,000 c						6,000	
From: Porter Street NW										Total Funds: 6,000	
To: Woodley Road NW											

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

Maryland Avenue Pedestrian Safety Project

TIP ID: 6014	Agency ID: SR088A	Title: Maryland Avenue NE Road Diet						Complete:			
Facility: STP		80/20/0		280 a	1,400 c					1,680	
From: 2nd Street NE										Total Funds: 1,680	
To: 15th Street NE											

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

Metropolitan Branch Trail

TIP ID: 3228	Agency ID: AF052A, FDT25A	Title: Metropolitan Branch Trail						Complete: 2015			
Facility: Union Station District Line	CMAQ	80/20/0		4,700 c	2,200 c					6,900	
From:										Total Funds: 6,900	
To:											

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

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National Recreational Trails

TIP ID: 2796	Agency ID: AF066A, ZU010A	Title: National Recreational Trails							Complete: 2018
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Facility:	NRT	80/20/0	825 a	825 a	1,825 a	825 a	825 a	825 a	9,850
From:						3,900 c			
To:									
Total Funds:									9,850

Description: 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).

a. New York Avenue Trail

Oxon Run Trail Restoration

TIP ID: 2780	Agency ID: AF004A	Title: Oxon Run Trail Restoration							Complete: 2017
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Facility:	NRT	80/20/0	380 a		420 a	6,900 c	4,600 c	3,450 c	15,750
From:									
To:									
Total Funds:									15,750

Description: Develop trail plan in cooperation with Department of Parks and Recreation. Repair existing recreational trail, correct drainage problems, and construct benches and signage.

Rock Creek Park Trail

TIP ID: 3230	Agency ID: AF005A	Title: Rock Creek Park Trail							Complete:
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Facility:	M Street to Beach Drive	CMAQ	80/20/0		300 a	5,500 c			5,800
From:	Piney Branch Pkwy								
To:	16th Street								
Total Funds:									5,800

Description: This facility is under the jurisdiction of the National Park Service. This 12.6-mile project is designed to relieve congestion and reduce user accidents by widening the trail throughout the District of Columbia, including constructing a new trail along P Street to Pennsylvania Avenue along Rock Creek and Potomac Parkway. Replacement of the low water bridge at Porter Street and construction of a bike trail along feeder roads that connect to the adjacent neighborhoods have been completed. In addition, the TEA-21 High Priority program [Section 1602 No. 547] includes funds to provide enhanced recreational trails (e.g. bike trail maintenance) along Rock Creek Park.

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Safe Routes to School

TIP ID: 2888	Agency ID: CM063A	Title: Safe Routes to School	Complete: 2013						
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Facility: Safe Routes to School	SRTS	100/0/0	1,151 c	1,151 c	1,151 c	1,151 c	1,151 c	1,151 c	6,906
From:									
To:									
Total Funds:									6,906

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.

South Capitol Street Trail

TIP ID: 6114	Agency ID:	Title: South Capitol Street Trail	Complete:						
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Facility:	NRT	80/20/0		5,500 c					5,500
From:									
To:									
Total Funds:									5,500

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

Bridge

11th Street Bridges and Interchange Reconstruction

TIP ID: 3193	Agency ID: CD055A, EW002C	Title: 11th Street Bridges SE, Replace and Reconfigure	Complete:						
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Facility: 11th Street Bridge and Interchan	BR	80/20/0	17,500 c	22,500 c	7,500 c				47,500
From:									
To:									
Total Funds:									47,500

Description: Replacement and reconfiguration of the existing deteriorating bridges and ramps at the Anacostia River crossing near 11th Street SE, connecting the Anacostia Freeway and the Southeast Freeway. New freeway ramps east of the river will connect both directions of the Anacostia Freeway with eight freeway lanes across to the Southeast Freeway. Additionally, two lanes of local roadway in each direction will connect surface streets east and west of the river. All improvements are consistent with the goals of the Anacostia Waterfront Initiative. Phase 2 will build out the elements of the project included in the approved FEIS.



TIP ID: 5554	Agency ID: EW002C	Title: Garvee Bond Debt Service	Complete: 2018						
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Facility:	NHS	80/20/0	8,984 c	11,763 c	11,768 c	11,770 c	11,773 c	11,772 c	67,830
From:									
To:									
Total Funds:									67,830

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



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Bridge Replacement/Rehabilitation Program

TIP ID: 5804	Agency ID:	Title: East Capitol St. Bridge over Anacostia River, Br. # 233		Complete:
Facility:	BR	80/20/0	2,000 a	16,000 c
From:				18,000
To:				Total Funds: 18,000
Description: Design and construction of bridge repairs.				

TIP ID: 5298	Agency ID: AF067A	Title: Emergency Transportation Project		Complete: 2013
Facility: C CITYWIDE	STP	80/20/0	25 c	2,000 c
From:				2,025
To:				Total Funds: 2,025
Description: Respond to transportation emergencies such as roadway vibrations, sunken pavement, falling steel and concrete from bridges, and other urgent needs. This project will enable the District to quickly respond to emergencies.				

TIP ID: 3242	Agency ID: CA303C	Title: Citywide Culverts		Complete:
Facility: CITYWIDE	STP	80/20/0	250 a	250 a
From:			575 c	575 c
To:			680 c	680 c
				350 a
				735 c
				Total Funds: 3,715
Description: This project repairs, maintain culverts throughout the District. Culverts facilitate the drainage of water and help to ensure the stabilization of roadway structures. The safety of roadway structures are a priority of the Mayor and a concern for District residents, commuters, and visitors. This project also maintains an inventory for tall the culverts owned and maintained by the District Department of Transportation (DDOT) and a formal maintenance and repair plan.				

TIP ID: 5316	Agency ID: CB035, CB036	Title: Impact Attenuators and Guiderails		Complete: 2015
Facility: Citywide	IM	80/20/0	800 c	800 c
From:				63 a
To:				1,675 c
	STP	80/20/0	800 c	800 c
				63 a
				16,750 c
				800 c
				19,215
				Total Funds: 23,351
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.				

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TIP ID: 2633 Agency ID: **CD0/27** Title: **Size and Weight Enforcement Program** Complete: **2018**

Facility:	STP	83/17/0	200 c	220 c	220 c	4,740 c	440 c	440 c	6,860
From:			150 e	450 e					
To:									
Total Funds:									6,860

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

TIP ID: 2768 Agency ID: **CD014A** Title: **Key Bridge NW over Potomac** Complete: **2015**

Facility:	Key Bridge	BR	80/20/0	21,000 c					21,000
From:									
To:									
Total Funds:									21,000

Description: Repair/replace deteriorated structural members; correct drainage deficiencies; repair leaking deck joints; remove stay-in-place forms; remove efflorescence on arch soffits; repair spalls, holes and non-structural cracks; and relocate/arrange utilities.

TIP ID: 2699 Agency ID: **CD018A, CD019A** Title: **Asset Preservation of Tunnels-NHS/STP** Complete: **2018**

Facility:	Citywide	NHS	80/20/0	600 a	600 a	600 a	750 a	600 a	600 a	3,750
From:		STP	80/20/0	150 a	150 a	150 a				450
To:										
Total Funds:									4,200	

Description: This project provides for the preservation and preventive maintenance of National Highway System tunnel assets, including electrical and mechanical systems, tunnel walls and ceilings, drainage, roadway sweeping, over-height detection systems, signing, power and emergency telephones. The scope of work includes feasibility and design; preparation of contract plans, specifications and cost estimates; and engineering and construction management for the restoration of existing tunnels.

TIP ID: 3243 Agency ID: **CD024A** Title: **Citywide Consultant Bridge Inspection** Complete: **2012**

Facility:		BR	80/20/0	1,750 a	1,750 a	3,500 a		1,750 a	1,750 a	10,500
From:										
To:										
Total Funds:									10,500	

Description: Perform detailed National Bridge Inspection and element level inspection of District bridges in accordance with the National Bridge Inspection Standards and the D.C. Bridge Inspection Manual. Also perform scheduled scour, fracture-critical and underwater inspections as directed by the Department of Public Works, and prepare plans for emergency support of deficient structures.

TIP ID: 5346 Agency ID: **CD026** Title: **Theodore Roosevelt Bridge Rehabilitation** Complete: **2040**

Facility:		BR	80/20/0	1,500 a		27,000 c				28,500
From:										
To:										
Total Funds:									28,500	

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.

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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TIP ID: 2905	Agency ID: CD035	Title: Bridges over Watts Branch	Complete: 2017
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Facility: Division Ave, Gault Place, 44th, 48th, 55th, 58th Watts	BR	80/20/0		7,052 c						7,052
From:	STP	80/20/0		1,148 c						1,148
To:										
Total Funds:										8,200

Description: Replace deck, approach slabs, bearing, joints, repair substructure, repaint steel and replace girders for bridge on 44th, 58th, Division Ave, and Gault place.
 Locations include:
 1. Division Ave Bridge over Watts Branch
 2. Gault Place over Watts Branch
 3. 44th, 48th, 55th, 58th Streets NE over Watts Branch

TIP ID: 2927	Agency ID: CD036A, CD042A, CD	Title: Citywide FA Preventive Maintenance	Complete:
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Facility:	BR	80/20/0		4,015 c	4,144 c	8,640 c	640 c	4,640 c	4,640 c	26,719
From:	STP	80/20/0		125 a	1,160 c	2,160 c	160 c	1,160 c	1,160 c	7,085
To:				1,160 c						
Total Funds:										33,804

Description: This project provides a four-year contract [two base years, 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.

TIP ID: 4900	Agency ID: CD037	Title: 27th Street Bridge NW	Complete: 2008
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Facility: 27th Street NW Over Broad Branch	BR	80/20/0			2,000 c					2,000
From: Broad Branch Road										Total Funds: 2,000
To: Broad Branch Road										

Description: Replacement of 27th St. NW Bridge over Broad Branch Rd. and the culvert at 44th St. near Edmund St.

TIP ID: 5432	Agency ID: CD049A	Title: Pennsylvania Ave. NW Bridge over Rock Creek (Br. # 118)	Complete:
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Facility:	BR	80/20/0		50 b	11,000 c					11,050
From:										Total Funds: 11,050
To:										

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

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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TIP ID: 5337	Agency ID: CD051A	Title: Replacement of Pedestrian Bridges over Kenilworth Ave							Complete:
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Facility: Kenilworth	STP	80/20/0	1,000 a				13,500 c		14,500
From:									
To:									
									Total Funds: 14,500

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							Complete: 2016
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Facility: Benning Road over Kenilworth	BR	80/20/0		2,500 a					2,500
From:									
To:									
									Total Funds: 2,500

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: 5433	Agency ID: CD053A	Title: Bridge management Project							Complete: 2011
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Facility: Citywide	BR	80/20/0	250 a	250 a	250 a	250 a	250 a	250 a	1,500
From: Citywide	STP	80/20/0		290 a	290 a	290 a	290 a	290 a	1,450
To:									
									Total Funds: 2,950

Description: This project provides staff funding for the bridge management program in the Asset management division. Included is routine inspection and appraisal of the District's bridges, verification and updating of bridge data in the national bridge inventory, preparing of inspection reports, reporting of critical deficiencies, structural analysis and emergency design of bridges with deficient features, load ratings material sampling and testing, and paying the Pontis license fee and other work necessary to assess the condition of the Districts bridges to ensure safety .

TIP ID: 5342	Agency ID: CD057, CD046, CD04	Title: Approach Bridges to 14th Street Bridge							Complete:
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Facility: 14th Street Bridge northbound over the Potomac River,	BR	80/20/0		2,500 a			18,000 a		20,500
From:									
To:									
									Total Funds: 20,500

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: 3181	Agency ID: CDT21A	Title: 31st Street NW Bridge							Complete: 2012
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Facility: 31st Street NW Bridge over C&O Canal	BR	80/20/0					6,200 c		6,200
From:									
To:									
									Total Funds: 6,200

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.

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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H Street Bridge over Amtrak

TIP ID: 6039	Agency ID:	Title: H Street Bridge over Railroad	Complete:
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Facility: H Street NE	BR	80/20/0	2,000 a	10,000 c						12,000
From: Norht Capitol Street										Total Funds: 12,000
To: 3rd Street NE										

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.

Long Bridge Integrity & Capacity Study

TIP ID: 5711	Agency ID:	Title: Long Bridge Integrity & Capacity Study	Complete: 2015
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Facility: Long Bridge	ARRA	100/0/0	1,200 d	1,200 d						2,400
From: Virginia Interface										
To: 12th Street, SW	PRIV	0/0/0								Total Funds: 2,400

Description: The CSX Long Bridge carries freight and passenger rail traffic over the Potomac River between Virginia and the District of Columbia. This structure is very old and needs to be thoroughly examined regarding its structural integrity. According to the Mid-Atlantic Rail Operations (MAROps) study, this two-track segment constitutes a major bottleneck for both freight and passenger rail traffic along the Northeast Corridor. The study should examine the feasibility of adding a third track to the existing structure or, if the structure needs replacement, the feasibility of replacing the old structure with a three-track bridge. Adding a bike-pedestrian connection should be considered also.

South Capitol Street

TIP ID: 6038	Agency ID:	Title: Garvee Debt Service	Complete:
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Facility:	NHS	80/20/0									14,490 c
From:											14,490 c
To:											21,330 c
											Total Funds: 50,310


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



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


			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
TIP ID: 3423			Agency ID: AW011, AW024A, AW			Title: South Capitol Street Corridor						Complete:
Facility:			CMAQ	80/20/0						22,320 c	14,420 c	36,740
From:	N St, MLK Ave, Suitland Pkwy, Memorial Bridge		DEMO	80/20/0		17,400 c	58,800 c	39,140 c				115,340
To:			GARVEE	80/20/0					79,210 c	128,730 c	124,240 c	332,180
			Local	0/0/100		4,350 c	1,470,030 c	401,300 c	108,400 c	23,770 c		2,007,850
												Total Funds: 2,492,110

Description: Improvements based on recommendations from the South Capitol Street Gateway and Anacostia Access studies including right of way acquisition and replacement of the Fredrick Douglass Memorial Bridge on a new southern alignment. 


- 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.

Enhancement
Transportation Enhancements Program

TIP ID: 3210			Agency ID:			Title: Transportation Enhancements Program						Complete:
Facility:			STP/E	80/20/0		3,450 a	3,450 a	3,450 a	3,450 a	3,450 a	3,450 a	20,700
From:												Total Funds: 20,700
To:												

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. 

TIP ID: 5295			Agency ID: ED019A, SR071A, SR			Title: Capitol Hill Transportation Study Infrastructure Improvements						Complete:
Facility:			STP	80/20/0		3,900 c						3,900
From:												Total Funds: 3,900
To:												

Description: The project includes the design and/or construction of infrastructure improvements recommended in the Capitol Hill Transportation Study. The improvements aim to enhance pedestrian and vehicular safety, traffic calming, neighborhood circulation and access at select intersections and streets throughout Capitol Hill. Improvements include but are not limited to the installation of safety / school beacons around Stanton Park; the conversion of 17th St. to two-way operations; the conversion of 19th St. to two-way operations; Reconfiguration of 3rd St./Massachusetts Ave./D St.; Bulb out at Lincoln Park; and Bulb outs / median widening on C St. NE. 
Review of Capitol Hill study recommendations to address today's safety and transportation issues along the corridor of 17th Street and 19th Street

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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ITS
Traffic Operations Improvements Citywide

TIP ID: 3216 Agency ID: CIT and CI0, CB025, Title: Traffic Operations Improvements Citywide Complete: 2016

Facility:	NHS	83/17/0	2,000 a	1,474 c	1,520 c	3,000 a	1,596 c	1,628 c	14,213
From:			1,431 c			1,564 c			
To:	STP	83/17/0	1,500 a	1,600 a	1,500 a	1,600 a	1,500 a	1,600 a	76,919
			11,880 c	10,769 c	10,961 c	11,139 c	11,270 c	11,600 c	
									Total Funds: 91,132

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. Improved traffic flow on arterial streets will improve air quality. Projects include:

- a. Traffic Signal Maintenance
- b. Traffic Signal System Communications and Control Enhancements
- c. Traffic Signal System Operational Support
- d. Traffic Signal Control System Support
- e. Traffic Signal Bulb Replacement
- f. Moveable Barrier System
- g. Corridor Signing
- h. Guidesign Replacement
- i. Hot Thermoplastic Pavement Markings/Two-Way Plowable Prismatic Pavement Markings
- j. Raised Reflective Prismatic Markings
- k. Traffic Signal Improvements
- l. Consultant Design Services
- m. Wayfinding Signage
- n. Sign Inventory and Management System
- o. Transportation Management Center
- p. Vehicle Detection Station
- q. Signal System Upgrade Pilot Program
- r. Intelligent Transportation System (ITS)
- s. Traffic Signal Uninterruptible Power Supply
- t. Variable (dynamic) Message Sign
- u. ITS Communication Master plan
- v. MATOC Annual Fee
- w. ITS Signal Optimization Master plan
- x. Managed Lanes Feasibility Studies

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Uninterruptible Power Supply

TIP ID: 6119	Agency ID:	Title: Uninterruptible Power Supply							Complete:
Facility: Citywide		HSIP	80/20/0	620 c					620
From:									
To:									
Description:									
									Total Funds: 620

Other

Advanced Traffic Management System

TIP ID: 6081	Agency ID: CI060A	Title: Advanced Traffic Management System							Complete:	
Facility: Citywide		STP	80/20/0	3,000 c	600 c	300 c	300 c	300 c	300 c	4,800
From:										
To:										
Description:	DDOT will build next generation Advanced Transportation Management System for incident management, traffic operation and special event management.									
									Total Funds: 4,800	

Anacostia Freeway Bridges over Nicholson Street SE

TIP ID: 6082	Agency ID: MRR15A	Title: Anacostia Freeway Bridges over Nicholson Street SE (Bridges #1001, 1002							Complete:	
Facility: Anacostia Freeway Bridges at Nicholson		NHPP	80/20/0	1,200 a		5,300 c				6,500
From:										
To:										
Description:	Rehabilitation of subject bridges to eliminate all deficiencies and to make the facility safe for the traveling public. Two bridges are structurally deficient and must be rehabilitated under the requirements of MAP21.									
									Total Funds: 6,500	

Asset Condition Assessment

TIP ID: 5323	Agency ID: CD029A, CE305	Title: Condition Assessment							Complete: 2016	
Facility: citywide		State/DC	0/100/0	650 a						650
From: citywide		STP	80/20/0	1,900 a	650 a	1,000 a	650 a	1,000 a	650 a	5,850
To:										
									Total Funds: 6,500	

Description: This project will be used to retain a vendor to perform data collection and analysis for the purpose of assessing the condition of DDOTs a) Pavements, b) Alleys, c) Sidewalks, d) Retaining Walls.

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

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Blair/Cedar/4th Street

TIP ID: 6113	Agency ID:	Title: Blair/Cedar/4th Street	Complete:						
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Facility:	STP	80/20/0	3,000	c					3,000
From:									
To:									
Total Funds:									3,000

Description: Safety improvements as identified in the Road Safety Audit completed.

Civil Rights/EE) Program Implementation and Enhancement

TIP ID: 3261	Agency ID: AF028A	Title: Civil Rights/EEO Program Implementation and Enhancement	Complete: 2015						
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Facility:	STP	80/20/0	980	a	1,080	a	1,080	a	1,080	a	1,080	a	6,380
From:													
To:													
Total Funds:												6,380	

Description: This project will continue program development, administration and implementation of EEO procedures, including complaints and investigations; establishment of Title VI & ADA Standards and Procedures; citywide ADA self-evaluations; designing and structuring of automated tracking systems for all programs including EEO, DBE, ADA, Title VI and Public Participation; and facilitating mandatory training requirements. This program will also support the Department's initiative/outreach efforts coordinated with the DC Office of Latino Affairs (OLA) via the Latino Action Plan.

- a. Civil Rights/EEO Compliance Monitoring Program
- b. DBE Supportive Services
- c. Progressive Partners Program

Columbus Circle

TIP ID: 2952	Agency ID: CK026	Title: Rehabilitation of Columbus Plaza	Complete:						
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Facility: Columbus Plaza	AMTRAK	100/0/0	1,017	c									1,017
From:	NPS	100/0/0	1,088	c									1,088
To:	Section 5309	80/20/0	4,500	c									4,500
	State/DC	0/100/0	2,533	c									2,533
Total Funds:												9,138	

Description: Work under this contract consists of the Rehabilitation of Columbus Plaza and Columbus Circle, N.E., and installation of security bollards system on the perimeter of Union Station in Ward 5, Washington, District of Columbia. Work consists of the roadway and access road rehabilitation, milling and resurfacing, streetlight upgrading and traffic signal modifications, streetscaping and landscaping, and placement of security bollards around the Union Station historic structure. The work area includes the roadway access adjacent to Union Station on the east and west sides, Columbus Circle, N.E., First Street, N.E. between Massachusetts Avenue and G Street, Columbus Drive, N.E. between Massachusetts Avenue and F Street, Massachusetts Avenue, N.E. and the streets that intersect Massachusetts Avenue and some rehabilitation work within the areas under the jurisdiction of the Architect of the Capitol. A portion of work will be performed in the Columbus Plaza, National Park Service property (U.S. Reservation No. 334). Provisions have been included in the contract to ensure that disturbance to the parkland is minimized. The Contractor is cautioned to comply with requirements of this contract, Federal Acquisition Regulations (FAR) and the National Park Service criteria regarding construction on this property.

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Congestion Pricing and Traveler Information for Curbside Parking

TIP ID: 6120	Agency ID: ZU011A	Title: Congestion Pricing and Traveler Information for Curbside Parking							Complete:
Facility: Citywide	STP	80/20/0		200 a	200 a	250 a			8,150
From:				2,500 e	2,500 e	2,500 e			
To:									Total Funds: 8,150

Description: Develop and implement system for real-time occupancy sensing for metered spots and real-time parking availability information.

District Freight Plan

TIP ID: 5922	Agency ID:	Title: District Freight Plan							Complete:
Facility:	STP	80/20/0		150 a	150 a				300
From:									Total Funds: 300
To:									

Description: The District Freight Plan will provide a current description and evaluation of the District's freight system and an analysis of economic and freight-related data to guide infrastructure projects and policies.

Environmental Management System

TIP ID: 5322	Agency ID: SR310C	Title: Preventive Maintenance and Repair of Stormwater Pumping Stations							Complete: 2018	
Facility:	CMAQ	83/16/0		300 a	303 a	266 a	274 a	282 a	336 a	1,761
From:	State/DC	0/100/0		243 c	203 c	196 c	203 c	243 c		1,088
To:										Total Funds: 2,849

Description: Maintain and upgrade the existing stormwater pumping stations throughout the District.

Infrastructure Information Technology Support Services

TIP ID: 6092	Agency ID:	Title: Project: Infrastructure Information Technology Support Services							Complete:
Facility:	STP	80/20/0		300 a	250 a	200 a	200 a	150 a	1,100
From:									Total Funds: 1,100
To:									

Description: Annual Licenses Maintenance Fee and Support Services for all applications and software systems that both directly and indirectly support all infrastructure related projects, such as Micro station, Geopak, Primavera, Engineering document management/imaging and all associated hardware and software needed to support systems.



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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Local Street Improvements Citywide

TIP ID: 3218	Agency ID: CA301C	Title: Local Street Improvements Citywide	Complete:						
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Facility:	State/DC	0/100/0	500 c	500 c	500 c	500 c	500 c	500 c	500 c	3,000
From:										
To:										
Total Funds:										3,000

Description: This project is the construction, maintenance, and repair of the District's local sidewalk. This project improves sidewalks where there is deterioration or unsafe conditions and constructs sidewalks where there are missing segments. Annual work (construction) plans are established each year based on the available funding.

TIP ID: 5340	Agency ID: CA302C	Title: Local sidewalk, alley and curb improvements	Complete:						
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Facility: Citywide	State/DC	0/100/0	909 c	909 c	909 c	909 c	509 c	1,000 c		5,145
From:										
To:										
Total Funds:										5,145

Description: This project is the construction, repair, and maintenance of the District's local alleys. Construction is necessary on many unimproved locations as well as on alleys that need replacement due to deterioration or unsafe conditions. Annual work (construction) plans are established based on the available funding.

TIP ID: 5341	Agency ID: SR301-SR308C	Title: Local Reconstruction/Resurfacing/Upgrading Wards 1-8	Complete:						
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Facility: Citywide	State/DC	0/100/0	1,500 c	7,500 c	7,500 c	7,500 c	7,500 c	7,500 c	7,500 c	39,000
From:										
To:										
Total Funds:										39,000

Description: Roadway resurfacing, roadway reconstruction and roadway upgrading are combined in this project. Each contract is developed by ward to perform resurfacing, reconstruction and upgrading within the respective ward. This produces a comprehensive improvement plan and a systematic work order that reduces disruption in the community. A detailed coordinated plan is prepared for the entire neighborhood with participation from the community prior to the beginning of construction. This plan includes when streets would be closed, parking issues, movement and flow of vehicular traffic, temporary bus routes, and other mitigation measures to facilitate access into and out of the neighborhood. Upgrading and reconstruction involves removal of existing roadway pavement and miscellaneous structures and replacing them with new pavements, new curbs, gutters and other structures. Handicap access ramps to sidewalks, improved streetlighting, and storm water drainage system are also a part of this work. Resurfacing involves milling of existing roadway surface to approximately two inches and repaving.

M Street SE/SW Premium Transit Environmental Work

TIP ID: 6112	Agency ID:	Title: M Street SE/SW Premium Transit Environmental Work	Complete:						
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Facility: CMAQ	83/17/0		2,000 c							2,000
From:										
To:										
Total Funds:										2,000

Description: This funding will implement the environmental study work for the M Street SE/SW corridor

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Maryland Avenue NE Pedestrian Priority Corridor

TIP ID: 6111	Agency ID:	Title: Maryland Avenue NE Pedestrian Priority Corridor	Complete:						
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Facility:	STP	80/20/0	280 a	3,300 c					3,580
From:								Total Funds:	3,580
To:									

Description: Design and construct pedestrian safety improvements based on completed study.

Master Lease Program

TIP ID: 5371	Agency ID: 6EQ02, 6EQ04	Title: Master Lease	Complete: 2008						
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Facility:	State/DC	0/100/0	11,750 e	11,950 e	6,743 e	3,910 e	800 e	1,200 e	36,353
From:									Total Funds: 36,353
To:									

Description: This project replaces DDOT vehicles and equipment that is at the end of its useful life. This equipment includes vehicles for the snow removal program, single and multi-space parking meters, passenger vehicles, and other equipment for the maintenance of roads and bridges and the care of trees. The purchase of snow equipment will help ensure that DDOT can meet the Mayor's standards for snow removal. Parking meters, especially multi-space meters, help ensure that parking fees are collected. The project can help reduce operating costs when older fleet vehicles are replaced with newer ones that are more fuel efficient and require less maintenance.

Pavement Markings & Traffic Calming Improvements- Street Sign

TIP ID: 5349	Agency ID: CE301C - CE304C	Title: Pavement Markings & Traffic Calming Improvements- Street Sign	Complete:						
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Facility:	State/DC	0/100/0	1,268 c	1,018 c	918 c	918 c		1,300 c	5,422
From:									Total Funds: 5,422
To:									

Description: The project provides highly visible and durable markings in various neighborhoods of the District to indicate bicycle lanes, parking lanes, crosswalks, and turning lanes. The project also funds traffic calming measures that help reduce speeding in the District. This includes the installation of speedbumps and speedhump markings.



Performance-Based Parking Pricing

TIP ID: 3486	Agency ID: PM302C, ZU011A	Title: Parking Studies	Complete:						
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Facility:	State/DC	0/100/0	300 c	300 c	265 c	275 c	260 c	400 c	1,800
From:	STP	80/20/0				250 a	250 c	500 c	12,100
To:						1,100 c	2,500 e	5,000 e	
						2,500 e			
									Total Funds: 13,900

Description: DDOT oversees the District's street parking assets, and this project funds performance and visitor parking programs, as well as efforts to improve the parking infrastructure.

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Planning and Management Systems

TIP ID: 3213	Agency ID: CAL16C, PM304C, C	Title: Planning and Management Systems		Complete:					
Facility:	CMAQ	80/20/0	132 a	136 a	185 a	144 a	149 a	153 a	890
From:	PL	80/20/0	1,774 a	2,000 a	2,500 a	2,500 a	2,500 a	2,500 a	13,774
To:	SPR	80/20/0	1,904 a	2,500 a	2,500 a	2,500 a	2,500 a	2,500 a	14,404
	STP	80/20/0	2,800 c	2,800 c	2,800 c	2,800 c	2,800 c	2,800 c	16,800
Total Funds:									45,877

- Description:
- a. AASHTOWARE
 - b. ADA Ramps
 - c. Advanced Design
 - d. Planning & Scoping
 - e. Metropolitan Planning
 - f. State Planning and Research Program
 - g. Long-Range Multi-Modal Corridor Plan
 - h. Environmental Management System
 - i. Pilot Asset Inventory and ADA Compliance - Golden Triangle
 - j. Davis-Bacon Compliance

Professional Capacity-Building Strategy

TIP ID: 3355	Agency ID: PM063	Title: Professional Capacity-Building Strategy		Complete: 2010					
Facility:	STP	80/20/0	1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	6,000
From:									Total Funds: 6,000
To:									

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.

Reconstruction of Kenilworth Avenue NE

TIP ID: 6096	Agency ID:	Title: Reconstruction of Kenilworth Avenue NE		Complete:						
Facility:	NHS	80/20/0	750 a						13,050 c	13,800
From:	East Capitol Street Ramp									Total Funds: 13,800
To:	Rail Road Bridge over pass South of Nannie Helen Bur									

Description: Design of Kenilworth Ave/I-295 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 in 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.

DRAFT

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridge No. 1016 & 1017)

TIP ID: 6097	Agency ID:	Title: Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridge No. 1016 & 1017)							Complete:
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Facility:	NHPP	80/20/0		2,000 a				16,000 c	18,000
From:								Total Funds:	18,000
To:									

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.

Rehabilitation of East Capitol Street Bridge over Anacostia River (Bridge No. 233)

TIP ID: 6098	Agency ID:	Title: Rehabilitation of East Capitol Street Bridge over Anacostia River (Bridge No. 233)							Complete:
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Facility:	BR	80/20/0		2,000 a					2,000
From:	NHPP	80/20/0			16,000 a				16,000
To:								Total Funds:	18,000

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 bearing, deteriorated superstructure steel under finger dams, peeling paint, rotation of substructure units.

Research and Technology Development

TIP ID: 5310	Agency ID: PM0	Title: Research and Technology Development							Complete: 2010
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Facility:	SPR	80/20/0		1,390 a	1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	6,390
From:										Total Funds:
To:										6,390

Description: Research administration; university support; collaborative research; new research projects; continued research projects; technology transfer and quick response.

Rights of Way Program

TIP ID: 5309	Agency ID: PM067A	Title: Rights of Way Program							Complete:
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Facility:	STP	80/20/0		160 a	160 a	160 a	160 a	160 a	160 a	960
From:										Total Funds:
To:										960

Description: Assemble and document data on DDOT-controlled lands in the District of Columbia and develop a geo-based land data map. Provide annual funding for surveys, title searches, appraisals and other land acquisition and disposal activities prior to the development of specific capital projects. Coordinate draft air rights agreements and land transfer agreements with private developers and federal government agencies.

DRAFT

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Roadside Improvements Citywide

TIP ID: 5315	Agency ID: ED024A	Title: Takoma Study Recommendations							Complete:
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Facility:	STP	83/17/0		3,000 c						3,000
From:										Total Funds: 3,000
To:										

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)

TIP ID: 5792	Agency ID: ED0C2A	Title: C Street Traffic Calming							Complete: 2016
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Facility:	STP	80/20/0		500 a	4,000 c					4,500
From:										Total Funds: 4,500
To:										

Description: The project will evaluate the needs of the C St. NE corridor and propose the reduction of at least one westbound travel lane to reduce corridor speeds. It will also include green streets design elements which reduce facility run-off.

TIP ID: 5308	Agency ID: SR070, SR036, ED09	Title: Neighborhood Streetscape Improvements							Complete: 2016
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Facility:	NHS	83/17/0		6,050 c						6,050
From:										
To:										Total Funds: 24,050

Description: Improve sidewalks, curbs, gutters, trees, streetlights, traffic signals and trash receptacles. Projects include: A. 14th Street Streetscape, Thomas Circle - Florida Ave
 B. 18th Street / Adams Morgan, Columbia - Florida
 C. Connecticut Ave. Streetscape
 D. Sherman Ave, NW, Park Rd - Florida Ave
 E. U Street, NW, 9th - 18th
 F. Harvard Triangle Intersection
 G. 15th St. NW at W St. and New Hampshire Ave.
 H. 7th Street, NW Streetscape, N St. to Florida Ave.

TIP ID: 5791	Agency ID: SR085A	Title: 16th Street Corridor Study & Operations Plan							Complete:
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Facility:	STP	80/20/0								7,000 c
From:										Total Funds: 7,000
To:										

Description: This project will evaluate the operations on 16th Street and develop a plan that optimally balances how different modes utilize the corridor. The work will need to assess the feasibility of removing the reversible lane on 16th Street between Florida Avenue and Arkansas Avenue, NW. Alternatives may include a median similar to that north of Arkansas Avenue, and/or a dedicated bus/bicycle lane along the corridor. This project is a follow up to the recommendations made in the Mount Pleasant and Columbia Heights Transportation Studies as well as the WMATA proposal to run express bus in dedicated lanes on 16th Street. The study should also provide design and alternatives for eastbound and westbound turning movements from the median into the Columbia Heights or Mount Pleasant neighborhoods.

DRAFT

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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TIP ID: **5796** Agency ID: **SR087A** Title: **Georgetown Transportation Study Implementation** Complete: **2011**

Facility:	STP	80/20/0						7,000 a	7,000
From:									
To:									
Total Funds:									7,000

Description: Complete the Mid and Long-term recommendations from the Georgetown Transportation Study.



Roadway Reconstruction Citywide

TIP ID: **2965** Agency ID: **SR004, CKTB0, PM07** Title: **Roadway Reconstruction Citywide** Complete:

Facility:	CITYWIDE	NHS	83/17/0		1,000 a	1,000 a			12,000 c	14,000
From:		STP	80/20/0	1,700 a	1,300 a	18,000 c	3,300 c	18,000 c		58,300
To:				6,500 c	9,500 c					

Total Funds: 72,300

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. This project is in the Transportation Planning Board's Long-Range Transportation Plan for the National Capital Region. It is an ongoing District program.



- a. 1st and Galloway, NE
- b. 2nd St., Independence to Maryland Ave.
- c. K Street NW from 7th St. to New Jersey Ave.
- d. 18th St. NW from Florida to Massachusetts
- e. Florida Ave. NW, 9th St. to Sherman
- f. Nebraska Ave. NW, Nevada Ave. to Military Rd.
- g. New Hampshire Ave. NW, Dupont Circle to H St.
- h. O and P Streets NW, Wisconsin to 37th St.
- i. Oregon Ave. NW, Military Rd. to Western Ave.
- j. Pennsylvania Ave. and Potomac Ave. SE
- k. Rehabilitation of Broad Branch NW
- l. Roadway Construction Citywide
- m. South Dakota Ave. & Riggs Rd. Intersection Improvements
- n. Western Ave. NW, Chestnut to Oregon
- o. C&O Canal Wall Capstone Replacement
- p. Canal Road NW, Chain Bridge to M St.
- q. 1st St NE, K St. to NY Ave.
- r. Upgrade Streets, Ward 5 and 6
- s. Eastern Ave., Randolph Rd. to Michigan Ave.
- t. New Jersey Ave., Mass Ave. to N St.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Safety and Geometric Improvements of I-295/DC 295

TIP ID: 6099	Agency ID:	Title: Safety and Geometric Improvements of I-295/DC 295	Complete:						
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Facility:	NHS	80/20/0	1,000	a				2,500	c	3,500
From:										
To:										
								Total Funds:		3,500

Description: Safety improvements and upgrades to SB Entrance and NB left exit ramps at Benning Road; Shoulder widening on DC 295 southbound between Benning Road and East Capitol Street; Safety improvements and upgrades to meet current design standards at southbound exit ramps to River Terrace and East Capitol Street; Safety improvements and upgrades to meet current design standards at the westbound Pennsylvania Avenue entrance and exit ramps.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Safety Improvements

TIP ID: 3212	Agency ID: CB0, C10	Title: Safety Improvements Citywide								Complete:
Facility:	HSIP	90/10/0	2,694 a	3,808 a	3,837 a	3,864 a	3,894 a	3,925 a	46,049	
From:			998 c	4,424 c	4,511 c	4,598 c	4,698 c	4,798 c		
To:	HSIP	83/17/0	2,694 a	3,808 a	3,837 a	3,864 a	3,894 a	3,925 a	46,049	
			998 c	4,424 c	4,511 c	4,598 c	4,698 c	4,798 c		
	NHS	83/17/0	600 c	600 c	600 c	600 c	600 c	600 c	3,600	
	STP	83/17/0	1,116 a	1,116 a	1,116 a	1,166 a	1,116 a	1,116 a	13,520	
			817 c	1,042 c	1,042 c	1,789 c	1,042 c	1,042 c		
Total Funds:									63,169	

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. Hazard Elimination
- B. Traffic Records Strategic Plan Recommendations Implementation
- C. Traffic Engineering Studies
- D. Transportation System Management for Highways (TSMH)
- E. Highway Accident Traffic Data System (TARAS)
- F. Permanent Count Stations
- G. Traffic Data Collection and Analysis Service Citywide
- H. Traffic Signal Construction
- I. Traffic Signal Systems Analysis
- J. Traffic Signal Consultant Design
- K. Traffic Safety Engineering Support Services
- L. Traffic Safety Data Center at Howard University
- M. Citywide Traffic Safety Audits
- N. Pavement Skid Testing, Design and Construction
- O. Traffic Signal Bulb Replacement
- P. Citywide Traffic Management Planning
- Q. Traffic Safety IDIQ Construction
- R. Traffic Safety Design -- HSIP

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Street Repair Materials -Local

TIP ID: 5351	Agency ID: CE302- CE303	Title: Street Repair Materials - Local							Complete: 2015
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Facility:	State/DC	0/100/0	10,000 c	982 c	982 c	982 c	700 c	1,300 c	14,946
From:									
To:									
Total Funds:									14,946

Description: Through this project, equipment is purchased to help prevent extensive deterioration to the District's transportation infrastructure. Equipment purchased, but not limited to include roadway pavers, asphalt rollers, and service vehicles. Additionally, this project provides for the purchase of roadway materials such as asphalt and pavement markings.

Streetlight Asset Mgmt & Streetlight Construction - Federal

TIP ID: 5439	Agency ID:	Title: Citywide streetlight construction							Complete: 2010
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Facility: citywide	STP	80/20/0	450 a	450 a	450 a	450 a	450 a	450 a	18,000
From: citywide			2,550 c	2,550 c	2,550 c	2,550 c	2,550 c	2,550 c	
To:									
Total Funds:									18,000

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.

TIP ID: 5385	Agency ID: AD011- AD012-FY05 (Title: Streetlight Asset Mgmt - Federal							Complete:
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Facility:	NHS	83/17/0	3,000 c	3,000 c	3,000 c	3,000 c	3,000 c	3,000 c	18,000
From:	STP	83/17/0	450 a	450 a	450 a	450 a	450 a	450 a	48,000
To:			7,550 c	7,550 c	7,550 c	7,550 c	7,550 c	7,550 c	
Total Funds:									66,000

Description: This project will provide maintenance for the District's aging streetlights systems to provide safe operations. Work includes upgrading of lighting in tunnels, freeway air rights, overhead signs structures, obsolete navigational lights on bridges, and tunnel ventilation systems. Projects include:

- a. Streetlight Series Circuit Conversion
- b. Local Streetlight Conversion
- c. Streetlight Replacement
- d. Streetlight Design Services
- e. Streetlight System Upgrade
- f. Electrical Systems Upgrade
- g. CW Painting of Streetlight and Traffic Signal Poles
- h. CW Street Light Maintenance
- i. Multiple Circuit Conversion
- j. Street Lighting Asset Management

DRAFT

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Streetlight Asset Mgmt & Streetlight Construction - Local

TIP ID: 5350	Agency ID: AD304	Title: Streetlight Asset Mgmt & Streetlight Construction - Local							Complete: 2010	
Facility:	State/DC	0/100/0		1,312 a	1,312 a	1,312 a	1,312 a	10,256 c	10,256 c	101,061
From:				17,701 c	19,200 c	19,200 c	19,200 c			
To:										Total Funds: 101,061

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.

Streetscape

TIP ID: 3552	Agency ID: ED063A	Title: Great Streets - Martin Luther King, Jr. Avenue, SE							Complete:	
Facility:	STP	80/20/0		1,000 a						1,000
From: Good Hope Road										Total Funds: 1,000
To:										

Description: The Great Streets program will provide a combination of local public funds and federal aid to be invested in streetscape improvements on selected commercial corridors as a means of stimulating private investment and improvement in retail opportunities in local residential neighborhoods. The program will also improve transportation infrastructure and increase mobility choices, including improved transit services, bicycle facilities and pedestrian facilities, as well as promote transportation safety.

TIP ID: 2922	Agency ID: ED064A	Title: Great Streets - Minnesota Ave, NE							Complete: 2015	
Facility:	STP	80/20/0		700 a				14,000 c		28,700
From: A Street, NE				14,000 c						Total Funds: 28,700
To: Sheriff Road, NE										

Description: Conduct traffic assessments and provide public review and comment of proposed streetscape design elements. Conduct environmental assessments. Prepare concept designs, design plans and specifications; construct improvements to sidewalks, curbs, gutters, streets, and tree boxes; replace street trees and install other streetscape elements. Construct facilities to improve reliability and safety of transit services, including transit lanes; provide bicycle lanes; and improve pedestrian circulation.

TIP ID: 3435	Agency ID: ED096A, ED067A	Title: Great Streets - Georgia Ave							Complete: 2012	
Facility:	ARRA/TIGER	80/20/0								
From:	NHS	80/20/0			2,000 a					2,000
To:										Total Funds: 2,000

Description: Conduct traffic assessments and provide public review and comment of proposed streetscape design elements. Conduct environmental assessments. Prepare concept designs; design plans and specifications; construct improvements to sidewalks, curbs, gutters, streets, and tree boxes; replace street trees; and install other streetscape elements. Construct facilities to improve reliability and safety of transit services, including transit lanes; provide bicycle lanes; and improve pedestrian circulation.

DRAFT

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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TIP ID: 2743 Agency ID: **EDS05C,ED061** Title: **Great Streets - Pennsylvania Ave, SE** Complete: **2016**

Facility: Pennsylvania Ave. SE	NHS	80/20/0	2,000 a						2,000
From: Sousa Bridge									
To: 27th St. SE (west of)									
Total Funds:									2,000

Description: Conduct traffic assessments and provide public review and comment of proposed streetscape design elements. Conduct environmental assessments. Prepare concept designs, design plans and specifications; construct improvements to sidewalks, curbs, gutters, streets, and tree boxes; replace street trees; and install other streetscape elements. Construct facilities to improve reliability and safety of transit services, including transit lanes; provide bicycle lanes; and improve pedestrian circulation. Phase II will include work on Pennsylvania Ave. SE from the Sousa Bridge to west of 27th St. SE.



Traffic Congestion Mitigation

TIP ID: 2945 Agency ID: **AF026A, CM010, CM0** Title: **Traffic Congestion Mitigation** Complete:

Facility: CMAQ	80/20/0	1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	5,000 a	10,000
From: State/DC	0/100/0								
To: STP	83/17/0	100 a	100 a	100 a	100 a	100 a	100 a	100 a	600
Total Funds:									10,600

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
 b. Travel Demand Model



Traffic Signal Maintenance NH-STP (CW)

TIP ID: 5347 Agency ID: **CI046A, CI047A** Title: **Traffic Signal Maintenance NH-STP** Complete: **2016**

Facility: Citywide	NHS	83/17/0	2,000 c	2,000 c	2,000 c	2,000 c	2,000 c	2,000 c	12,000
From: Citywide	STP	83/17/0	6,500 c	6,500 c	6,500 c	6,500 c	6,500 c	6,500 c	39,000
To: Citywide									
Total Funds:									51,000

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

Union Station Escalator Replacement

TIP ID: 6030 Agency ID: Title: **Union Station Escalator Replacement** Complete:

Facility: FRA Earmark	50/50/0	3,541 c	4,000 c						7,541
From:									
To:									
Total Funds:									7,541

Description: Replacement of twelve escalators in the Union Station parking garage.

DRAFT

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Urban Forestry Program

TIP ID: 5313	Agency ID: CG311, CG312, CG31	Title: Urban Forestry Program	Complete: 2011						
Facility:	NHS	80/20/0	1,500 c	1,500 c	1,500 c	1,500 c	1,500 c	1,500 c	9,000
From:	State/DC	0/100/0	10,899 c	10,749 c	10,749 c	10,749 c	6,299 a	8,027 a	57,472
To:	STP	80/20/0	2,100 c	2,100 c	2,100 c	2,100 c	2,100 c	2,100 c	12,600
Total Funds:									79,072

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



Walter Reed Campus

TIP ID: 6022	Agency ID:	Title: Walter Reed - Main Drive, Etc.	Complete:						
Facility:	STP	80/20/0			600 a	6,000 c			6,600
From:	Georgia Avenue NW								Total Funds: 6,600
To:	16th Street NW								

Description: Design and construction of transportation improvements related to the redevelopment of Walter Reed Hospital site.

TERMs

Transportation Emissions Reduction Measures

TIP ID: 5696	Agency ID:	Title: Clean Air Partners	Complete: 2017						
Facility:	State/DC	0/100/0	54 e	54 e	54 e	54 e			216
From:									Total Funds: 216
To:									

Description: The purpose of the Air Quality Public Education Project is to educate the public about congestion and transportation-related air pollution with specific actions and commute alternatives to reduce existing air quality problems.

TIP ID: 3219	Agency ID: CM072	Title: Commuter ConnectionS Program	Complete: 2015						
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Facility:	CMAQ	80/20/0	700 a	700 a	700 a	700 a	700 a	700 a	4,200
From:									Total Funds: 4,200
To:									

Description: This program's mission is to reduce mobile source emissions by reducing the number of vehicle miles traveled, and supporting other Transportation Control Measures. The project provides funding to the TPB's Commuter Connections Program for the following projects:

- a. Employer Outreach
- b. Guaranteed Ride Home
- c. Commuter Operations Center
- d. Mass Marketing
- e. Monitoring and Evaluation

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Maintenance

Bridge Operation and Maintenance

TIP ID: 5785	Agency ID:	Title: Construction								Complete:
Facility:	State/DC	0/100/0	1,080 c	1,080 c	1,080 c	1,080 c	1,055 c	1,080 c	6,455	
From:									Total Funds: 6,455	
To:										
Description: The Bridge Reconstruction and Rehabilitation program helps ensure safe and efficient use of the City's bridges and structures. This project includes various activities that extend the useful life of the District's bridges including joint replacement and sealing, surface rehabilitation and localized reconstruction.										

Citwide Engineering Services for Structures and Bridges

TIP ID: 6087	Agency ID: MNT05A	Title: Citwide Engineering Services for Structures and Bridges								Complete:
Facility: Bridges and Structures	BR	80/20/0	1,000 a						1,000	
From:	NHPP	80/20/0		1,000 a	1,000 a				2,000	
To:									Total Funds: 3,000	
Description: Provide engineering services for bridges and structure design, geotechnical or other investigations, surveying, including constructability review.										

Citywide Pump Stations Rehab

TIP ID: 6088	Agency ID: MNT01	Title: Citywide Pump Stations Rehab								Complete:
Facility:	STP	80/20/0	65 c	600 a	150 a	175 a	175 a	1,350 c	5,580	
From:					1,150 c	575 c	1,340 c			
To:									Total Funds: 5,580	
Description: The pump stations are needed of upgrade. During long rain events and heavy intense rain events the pump station is flooded and the roadway is closed. On an annual basis one or two pump stations will be rehabilitated or upgraded.										

Citywide Sidewalks and Retaining Wall Condition Survey

TIP ID: 6089	Agency ID:	Title: Citywide Sidewalks and Retaining Wall Condition Survey								Complete:
Facility:	STP	80/20/0	900 a						900	
From:									Total Funds: 900	
To:										
Description:										

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Concrete, Asphalt and Bridge Maintenance

TIP ID: 5786	Agency ID:	Title: Concrete, Asphalt and Brick Maintenance								Complete:
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Facility:	State/DC	0/100/0	836 c	836 c	836 c	836 c	716 c	1,000 c	5,060
From:								Total Funds:	5,060
To:									

Description: This project provides labor, equipment, and materials necessary to rehabilitate and reconstruct concrete, asphalt, and brick infrastructure through the District.

Masonry and Concrete Maintenance

TIP ID: 5787	Agency ID:	Title: Masonry and Concrete Maintenance								Complete: 2015
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Facility:	State/DC	0/100/0	1,076 c	1,076 c	1,016 c	1,026 c	926 c	1,016 c	6,136
From:								Total Funds:	6,136
To:									

Description: This project provides labor, equipment and materials necessary to rehabilitate and reconstruct masonry and concrete transportation assets throughout the District. This includes curb and gutter, brick and concrete sidewalk, and brick and concrete alleys. Through this asset reconstruction and preservation efforts, safety hazards and ADA issues are resolved. The project also includes new sidewalks.

Missouri Avenue, Kansas Avenue, Kennedy Street Intersection Improvements

TIP ID: 6095	Agency ID: MNT07	Title: Missouri Avenue, Kansas Avenue, Kennedy Street Intersection Improvements								Complete:
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Facility: Missouri Avenue, NW	STP	80/20/0	450 a	2,650 c					3,100
From: 3rd Street, NW								Total Funds:	3,100
To: 2nd Street, NW									

Description: Reconfiguration of Missouri Avenue, NW, Kansas Avenue and Kennedy Street, NW intersection in accordance with IPMA SSQC field study and recommendations of September 16, 2009.

TIP ID: 6094	Agency ID: MNT07	Title: Missouri Avenue, Kansas Avenue, Kennedy Street Intersection Improvements								Complete:
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Facility: Missouri Avenue, NW	STP	80/20/0	450 a	2,650 c					3,100
From: 3rd Street, NW								Total Funds:	3,100
To: 2nd Street, NW									

Description: Reconfiguration of Missouri Avenue, NW, Kansas Avenue and Kennedy Street, NW intersection in accordance with IPMA SSQC field study and recommendations of September 16, 2009.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Resurfacing Streets and Freeways Citywide

TIP ID: 3215	Agency ID: SR014	Title: Resurfacing Streets and Freeways Citywide							Complete:
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Facility: Citywide	STP	80/20/0	9,300 c	9,300 c	9,300 c	9,300 c	9,300 c	9,300 c	9,300 c	55,800
From:										
To:										
									Total Funds:	55,800

Description: Roadway resurfacing improvements prevent extensive deterioration and potholes. Improvements extend the useful life of the original construction and diminishes the frequency of more costly reconstruction. Work includes the restoration and rehabilitation of distressed highway pavements through resurfacing improvements on roads eligible for federal aid. Work includes the removal of existing asphalt wearing surfaces; replacing deteriorated portions of pavement base; rehabilitating curbs, gutters, and sidewalks; installing curb and bicycle ramps; construction asphalt surface overlays; installation of signage; pavement markings; installation of street lights; upgrading traffic signals; and new trees as needed.

- a. Federal Aid Resurfacing
- b. Federal-aid Pavement Restoration
- c. Regular Cover
- d. Slurry/Joint Seal
- e. Citywide Resurfacing
- f. Local Pavement Restoration (Potholes)
- g. Asphalt PCC repair
- h. Public Lands Highways (e.g. American Veterans Disabled for Life Memorial - construction to be obligated in FY 2012)
- i. Special Resurfacing Initiatives
- j. Pavement Marking and Traffic Calming Improvements
- k. Street Repair and Management Equipment and Materials
- l. Street Sign Improvements



TIP ID: 5339	Agency ID: SR037A	Title: Federal-Aid Pavement Restoration - National Highway System (NHS) Routes							Complete:
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Facility: Pavement restoration on NHS routes	NHS	80/20/0	4,800 c		2,400 c	2,400 c		150 a	4,800 c	16,950
From:								2,400 c		
To:										
									Total Funds:	16,950

Description: Work under this contract consists of performing preventive maintenance activities to rehabilitate and maintain roadway and roadside assets within the right-of-way on the District's portion of the National Highway System (NHS). The majority of the work will consist of resurfacing various roadway segments. Resurfacing will include either the full roadway width, lane by lane or spot locations. The work also includes, but is not limited to, performing repairs or replacements of existing structures including curbs, gutters, sidewalks, driveway entrances, base pavements, and corner cut backs; replacing or resetting stone and concrete curb; replacing perimeter fencing; furnishing sewer-water manhole frames and basin tops; constructing wheelchair / bicycle ramps; cleaning catch basins and connecting pipe; weed control; necessary grading and excavating; and other miscellaneous work needed to complete the project.



Safety Improvements of 15th Street NW Intersection of Florida Avenue, NW and NH Avenue

TIP ID: 6100	Agency ID:	Title: Safety Improvements of 15th Street NW Intersection of Florida Avenue, NW and NH Aven							Complete:
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Facility: STP	80/20/0	200 a	2,700 c							2,900
From:										
To:										
									Total Funds:	2,900

Description:

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Sheriff Road, NE Safety Improvements

TIP ID: 6101	Agency ID:	Title: Sheriff Road, NE Safety Improvements							Complete:
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Facility:	STP	80/20/0	80 a	1,200 c						1,280
From:										Total Funds: 1,280
To:										

Description: Work under the contract consists of the contractor constructing safety improvement on Sheriff Road, NE from 43rd intersection to 51st Street, NE intersection. The total length of the project is approximate 4,416 feet.

Street Alley Maintenance Repair

TIP ID: 5799	Agency ID:	Title: Street Alley Maintenance Repair							Complete: 2011
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Facility:	State/DC	0/100/0	8,486 c	6,595 c	5,905 c	6,486 c	1,500 c	7,000 c	35,972
From:									Total Funds: 35,972
To:									

Description:

Traffic Signal LED Replacement

TIP ID: 6115	Agency ID:	Title: Traffic Signal LED Replacement							Complete:
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Facility:	NHS	80/20/0	600 c	600 c	600 c	600 c	600 c	600 c	3,600
From:	STP	80/20/0	600 c	600 c	600 c	600 c	600 c	600 c	3,600
To:									Total Funds: 7,200

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

Tree Maintenance

TIP ID: 6118	Agency ID:	Title: Tree Maintenance							Complete:
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Facility:	NHS	80/20/0	1,500 c	1,500 c	1,500 c	1,500 c	1,500 c	1,500 c	9,000
From:	STP	80/20/0	2,100 c	2,100 c	2,100 c	2,100 c	2,100 c		8,400
To:									Total Funds: 17,400

Description:

Transit

5303/5304 FTA Program

TIP ID: 6102	Agency ID:	Title: 5303/5304 FTA Program							Complete:
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Facility:	Section 5303	80/20/0	410 a	410 a	410 a	410 a	410 a	410 a	2,460
From:									Total Funds: 2,460
To:									

Description: FTA grant to support metropolitan planning activities (5303) and Statewide/DC based planning activities.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Bus Only Lane (Planning and Implementation)

TIP ID: 6086	Agency ID:	Title: Bus Only Lane (Planning and Implementation)	Complete:						
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Facility: H and I Streets (Bus only Lanes) CMAQ 83/17/0 250 a 250 c 500
 From: **Total Funds: 500**
 To:

Description: DDOT and WMATA identified the H and I Street couplet on eastbound H Street NW from 17th Street NW to New York Avenue NW and on westbound I Street NW from 13th Street NW to Pennsylvania Avenue NW as two possible locations for bus lanes due to the high number of WMATA buses traveling these segments (over 400 buses a day). WMATA has undertaken a feasibility study. This project would complete any planning/outreach needed and implement.

DC Circulator - National Mall Area Route

TIP ID: 6104	Agency ID:	Title: DC Circulator - National Mall Area Route	Complete:						
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Facility: Local 0/0/100 7,900 e 7,900
 From: **Total Funds: 7,900**
 To:

Description: This area would be served either by two separate routes, or one route. Analysis has been done on both.

DC Circulator New Buses for Replacement and Expansion

TIP ID: 6105	Agency ID:	Title: DC Circulator New Buses for Replacement and Expansion	Complete:						
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Facility: Local 0/0/100 16,814 e 4,850 e 11,154 e 11,077 e 13,084 e 10,773 e 67,752
 From: **Total Funds: 67,752**
 To:

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	Complete:						
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Facility: Local 0/0/100 1,576 e 10,500 e 15,091 e 15,450 e 15,828 e 16,224 e 74,669
 From: **Total Funds: 74,669**
 To:

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

DC Circulator System Operations

TIP ID: 6106	Agency ID:	Title: DC Circulator System Operations	Complete:						
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Facility: Local 0/0/100 14,716 e 18,036 e 19,001 e 19,951 e 20,948 e 21,996 e 114,648
 From: **Total Funds: 114,648**
 To:

Description: This item funds the ongoing operations and maintenance of the existing DC Circulator routes.

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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DDOT School Subsidy Program Support

TIP ID: 6107	Agency ID:	Title: DDOT School Subsidy Program Support	Complete:
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Facility:	Local	0/0/100	206 a	206 a	214 a	184 a	189 a	189 a	1,188
From:									
To:									
Total Funds:									1,188

Description: DDOT administers the School Transit Subsidy Program for all Charters, Private and educational institutions in the District. The agency provides funding support for the DC One Card rollout to Charter and Private Schools throughout the city. This project line item budget for new staffing materials, technical support and training.

East-West Transitway

TIP ID: 3505	Agency ID: SR075A	Title: East-West Transitway	Complete:
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Facility:	NHS	80/20/0	10,000 c	20,000 c	20,000 c				50,000
From: 24th Street NW									
To: 7th Street NW									
Total Funds:									50,000

Description: This project will redesign and reconstruct a major east/west arterial roadway serving the downtown area with an exclusive median running transitway between Mt Vernon Triangle and Washington Circle. The new roadway will provide improved transit and vehicular mobility, reduce congestion and air pollution, and improve transportation safety. The reconstruction of K Street will strengthen the economic vitality of the city's downtown core.

Metropolitan and Statewide Planning (FTA)

TIP ID: 5839	Agency ID:	Title: Metropolitan and Statewide Planning	Complete:
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Facility:	Section 5303	80/20/0	475 e	475 e	475 e	475 e			1,900
From:									
To:									
Total Funds:									1,900

Description: This FTA grant program appropitions planning funds to DDOT to support cooperative, continuous, and comprehensive planning for making transportation investment decisions in the District of Columbia through the Washington DC metropolitan area.

School Transit Subsidy (District Wide)

TIP ID: 6108	Agency ID:	Title: School Transit Subsidy (District Wide)	Complete:
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Facility:	Local	0/0/100	6,600 a	7,000 a	7,000 a	7,000 a	7,200 a	7,200 a	42,000
From:									
To:									
Total Funds:									42,000

Description: The District, through DDOT, subsidizes transit fare as part of the citywide School Transit Subsidy Program. Eligible students must met criteria as established by District Law.

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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Specialized Transportation Services for the Elderly & Persons with Disabilities

TIP ID: 3233	Agency ID:	Title: Specialized Transportation Services for the Elderly and Persons with Disabilities.	Complete:
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Facility:	Section 5310	80/20/0	450 a	450 a	450 a	450 a	450 a	450 a	450 a	2,700
From:										
To:										
Total Funds: 2,700										

Description: Transportation for Elderly Person and Persons with Disability (Section 5310, Federal Transit Administration).
This program provides formula funding to States for the purpose of assisting private nonprofit groups in meeting the transportation needs of the elderly and persons with disabilities.

Streetcar

TIP ID: 5755	Agency ID:	Title: Union Station to Georgetown Waterfront via K Street Extension	Complete:
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Facility: Streetcar (track, poles, overhead wires, etc)	CMAQ	80/20/0	1,500 d							1,500
From: Union Station via K Street NW										
To: Washington Circle (Foggy Bottom Area)										
Total Funds: 1,500										

Description: The DC Streetcar: Union Station to Georgetown Waterfront is a 3.3 mile surface fixed guideway for a premium transit line. The Alternative Analysis (AA) Study will assist in financing the evaluation of all reasonable modal and multimodal alternatives and general alignment options for identified transportation need in the corridor. After locally preferred alternative is evaluated in the AA Study, a NEPA action will address the potential impacts of the project.

TIP ID: 5753	Agency ID:	Title: Anacostia Streetcar Extension	Complete:
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Facility: MLK Jr Ave SE	CMAQ	80/20/0	1,000 a							1,000
From: Howard Rd SE										
To: Good Hope Rd SE										
Total Funds: 1,000										

Description: The Anacostia Streetcar Extension is .61 mile surface fixed guideway transit line that includes electrically powered streetcar vehicles operating along tracks located within the existing street and travel lanes. The NEPA study currently underway will address potential impacts of the project, as well as, preliminary engineering (conceptual 30%) for the line.

TIP ID: 6031	Agency ID:	Title: DC Streetcar Construction Phase I	Complete:
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Facility:	CMAQ	80/20/0				2,000 e	4,000 e	4,000 e	10,000
From:	State/DC	0/100/0	12,514 a	5,000 a	70,000 c	1,625 a	16,500 c		236,514
To:			28,000 c	58,000 c		44,875 c			
Total Funds: 246,514									

Description: The proposed 37 miles DC Streetcar network is divided into a three system wide proposed phases. Each phase is composed of a set of extensions (segments) that will be further study, design and constructed. Local funding for construction of extensions of the Phase 1 include: Anacostia Streetcar Extension, Union Station to Washington Circle and Benning Rd. Extension

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

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TIP ID: 5754	Agency ID: CM080A	Title: Benning Road Extension							Complete:
Facility: Streetcar (track, poles, overhead wires, etc)	CMAQ	80/20/0	2,000	a					2,000
From: Along Benning Road from Oklahoma Ave NE									Total Funds: 2,000
To: Along Benning Road to 42nd Street NE									
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.									

Transit Grant Management Support

TIP ID: 6109	Agency ID:	Title: Transit Grant Management Support							Complete:	
Facility: Section 5303	80/20/0	99	a	99	a	99	a	99	a	594
From:									Total Funds: 594	
To:										
Description: Transit management support to ensure compliance with District and Federal laws and reporting for transit related grants. Support other functions within the agencies, such as procurement and civil rights to ensure compliance with local and federal reporting requirements.										

Transit Planning Support

TIP ID: 6110	Agency ID:	Title: Transit Planning Support							Complete:	
Facility: Section 5303	80/20/0	300	a	300	a	300	a	300	a	1,800
From:									Total Funds: 1,800	
To:										
Description: Transit planning funding to support planning activities for the implementation and expansion of transit services in the District of Columbia. These funds would support planning activities related to study to implement additional DC Circulator routes and Metro Extra services, study of traffic impact of dedicated bus lanes, research on transit usage in the city, expansion of taxi pilot for supporting paratransit services among other things.										

Union Station Access and Capacity Improvements

TIP ID: 4907	Agency ID:	Title: Union Station Access and Capacity Improvements							Complete: 2015
Facility: K Street, NE	Earmark	80/20/0	965	c					965
From: 3rd Street, NE	State/DC	0/100/0	241	c					241
To: Mass Ave and N. Capitol Street NE									Total Funds: 1,206
Description: Originally this project was intended for access and capacity improvements at Union Station that would provide access to H Street bus routes and the bus deck of the Union Station parking garage. As a result of changes necessitated by the Amtrak Union Station Master Plan, the funds will no be used for the Columbus Circle access improvements.									