

ITEM 13 –Notice
October 18, 2017

Notice of Proposed Amendment to Update Projects
And Funding in the District of Columbia Section
Of the FY 2017-2022 TIP

Staff

Recommendation: The Board will be briefed on an amendment to include projects and funding in the District section of the FY 2017-2022 TIP.

Issues: None

Background: The District Department of Transportation (DDOT) has requested an amendment to update projects and funding in the District section of the FY 2017-2022 TIP. The amendment was released for a 30-day public comment and inter-agency review period on October 12, 2017. The Board will be asked to approve this amendment at its November 15 meeting.

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

RESOLUTION ON AN AMENDMENT TO THE FY 2017-2022 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO INCLUDE PROJECT AND FUNDING UPDATES FOR THE DISTRICT OF COLUMBIA SECTION, AS REQUESTED BY THE DISTRICT DEPARTMENT OF TRANSPORTATION (DDOT)

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

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

WHEREAS, on November 16, 2016 the TPB adopted the FY 2017-2022 TIP; and

WHEREAS, in the attached letter of October 11, 2017, DDOT has requested that the FY 2017-2022 TIP be amended to include project and funding updates for the District of Columbia section, as described in the attached materials, and

WHEREAS, the TIP is available online at mwcog.org/tip in both a searchable database and PDF formats and is updated as necessary to reflect amendments and administrative modifications; and

WHEREAS, notice was provided at the TPB Citizens Advisory Committee (CAC) meeting on October 12, 2017 that DDOT had requested an amendment to the FY 2017-2022 TIP to comprehensively update project and funding information in the District of Columbia section to be consistent with DDOT's proposed FY 2018-2022 State Transportation Improvement Program (STIP), as described in the attached materials; and

WHEREAS, copies of the proposed TIP update document were available at the October 18 and November 15 TPB meetings and on the web at mwcog.org/tip; and

WHEREAS, these projects are either included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 TIP, or are exempt from the air quality conformity requirement, as defined in Environmental Protection Agency's (EPA) Transportation Conformity Regulations as of April 2012;

NOW, THEREFORE, BE IT RESOLVED THAT the National Capital Region Transportation Planning Board amends the FY 2017-2022 TIP to include project and funding updates for the District of Columbia section, as described in the attached materials.

Government of the District of Columbia
Department of Transportation



d. Planning and Sustainability Division

October 11, 2017

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

Dear Chairman Newton,

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

The Obligation Plan is a seven-year plan for obligating (initiating) projects. DDOT updates its Obligation Plan annually. The proposed amendment will update the District's element of the FY 2017-2022 TIP with project-related information and funding for FY 2018-2022 as reflected in DDOT's most recently approved Obligation Plan. The updated FY 2018-2022 TIP sheets for the proposed amendment are attached.

The proposed amendment does not add additional capacity for motorized vehicles and does not require conformity analysis. The funding sources have been identified, and the TIP will remain fiscally constrained. Therefore, DDOT requests that the TPB issue a notice item initiating a 30-day public comment and inter-agency review period beginning October 12th; and request that the TPB approve the proposed amendment at its meeting on November 15, 2017.

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

Sincerely,

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

**DISTRICT OF COLUMBIA
FY 2017-2022 TIP PROJECT TYPE INDEX**

Interstate**11th Street Bridges and Interchange Reconstruction**

TIP ID: 6613	Agency ID:	Title: I-695 Bridges From I-395 to I-295/DC-295
TIP ID: 3193	Agency ID: CD056A	Title: 11th Street Bridges SE, Replace and Reconfigure
TIP ID: 5554	Agency ID: HTF02A	Title: Garvee Bond Debt Service

Rehabilitation of I-395 HOV Bridge over Potomac River

TIP ID: 6187	Agency ID: MRR27A	Title: Rehabilitation of I-395 HOV Bridge over Potomac River
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Rehabilitation of I-66 Ramp to Whitehurst Freeway over Potomac Pkwy and Rock Creek (Bridge No.1303)

TIP ID: 6416	Agency ID:	Title: Rehabilitation of I-66 Ramp to Whitehurst Freeway over Potomac Pkwy and R
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Primary**Anacostia Waterfront Initiative**

TIP ID: 5957	Agency ID: AW0, EW002C	Title: Pennsylvania Ave/Potomac Circle
TIP ID: 5723	Agency ID: AW027A	Title: St. Elizabeths Campuses Access Improvements
TIP ID: 5802	Agency ID: CD044A	Title: Program Manager AWI
TIP ID: 3290	Agency ID: SR049A	Title: Reconstruction of Kenilworth Avenue, NE

Audit and Compliance

TIP ID: 6611	Agency ID: CFPID160076	Title: Audit and Compliance
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South Capitol Street

TIP ID: 6038	Agency ID:	Title: Garvee Debt Service
TIP ID: 3423	Agency ID: AW011, AW024	Title: South Capitol Street Corridor

Secondary**Florida Avenue Transportation Study**

TIP ID: 6195	Agency ID: ZU033A	Title: Florida Avenue Transportation Study
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Maryland Avenue Pedestrian Safety Project

TIP ID: 6014	Agency ID: SR088A	Title: Maryland Avenue NE Road Diet
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Mid City East

TIP ID: 6184	Agency ID: OSS14A	Title: Mid City East
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Reconstruction of 18th Street, NW from Virginia Ave to Connecticut Ave/M Street

TIP ID: 6412	Agency ID:	Title: Reconstruction of 18th Street, NW from Virginia Ave to Connecticut Ave/M St
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Reconstruction of Harvard Street NW from 16th Street NW to Georgia Ave NW

TIP ID: 6425	Agency ID:	Title: Reconstruction of Harvard Street NW from 16th St NW to Georgia Ave NW
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Reconstruction of Kenyon Street NW from Park Place to 13th Street

TIP ID: 6414	Agency ID:	Title: Reconstruction of Kenyon Street NW from Park Place NW to 13th Street NW
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Reconstruction of Ward II

TIP ID: 6493	Agency ID:	Title: Reconstruction of Ward II
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Safety Improvements of 22nd and I NW

TIP ID: 6492	Agency ID:	Title: Safety Improvements of 22nd and I NW
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Bike/Ped**District-wide Bicycle and Pedestrian Management Program**

TIP ID: 3232	Agency ID: CM064A, ZUT0	Title: Bicycle and Pedestrian Management Program
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East Capitol Street Pedestrian Safety Project

TIP ID: 6315	Agency ID: SR086A	Title: East Capitol Street Corridor Mobility & Safety Plan
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**DISTRICT OF COLUMBIA
FY 2017-2022 TIP PROJECT TYPE INDEX**

Metropolitan Branch Trail

TIP ID: 3228 Agency ID: AF073A, ZU024 Title: Metropolitan Branch Trail

National Recreational Trails

TIP ID: 2796 Agency ID: AF066A Title: National Recreational Trails

TIP ID: 6230 Agency ID: ZU010A Title: New York Avenue Trail

Reconstruction/Rehabilitation of Superstructure and Substructure Arizona Ave NW

TIP ID: 6516 Agency ID: Title: Reconstruction/ Rehabilitation of Superstructure and Substructure of a Pede

Rock Creek Park Trail

TIP ID: 3230 Agency ID: AF005A Title: Rock Creek Park Trail

Safe Routes to School

TIP ID: 2888 Agency ID: CM086A Title: Safe Routes to School

South Capitol Street Trail

TIP ID: 6114 Agency ID: ZUT10C Title: South Capitol Street Trail

Bridge**Anacostia Freeway Bridges over Nicholson Street SE**

TIP ID: 6082 Agency ID: MRR15A Title: Anacostia Freeway Bridges over Nicholson Street SE (Bridges #1001, 1002)

H Street Bridge over Amtrak

TIP ID: 6039 Agency ID: CD054A Title: H Street Bridge over Railroad

Monroe Street, NE Bridge over CSX & WMATA

TIP ID: 6197 Agency ID: MRR26A Title: Monroe Street, NE Bridge over CSX & WMATA

Rehabilitation of 14th Street, SW Bridge over Streetcar Terminal

TIP ID: 6426 Agency ID: Title: Rehabilitation of 14th Street, SW Bridge over Streetcar Terminal

Rehabilitation of 16th St Bridge over Piney Branch Rd, NW (Bridge No. 0022)

TIP ID: 6418 Agency ID: Title: Rehabilitation of 16th St Bridge over Piney Branch Rd. NW (Bridge No. 0022)

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

TIP ID: 6417 Agency ID: Title: Rehabilitation of K Street NW Bridge, over Whitehurst Freeway Ramp (Bridge

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

Enhancement**Transportation Alternatives Program**

TIP ID: 3210 Agency ID: AF049A Title: Transportation Alternatives Program

ITS**Traffic Operations Improvements Citywide**

TIP ID: 3216 Agency ID: OSS07A, CI060 Title: Traffic Operations Improvements Citywide

TIP ID: 6283 Agency ID: PM0A4A Title: Managed Lanes

Traffic Signal LED Replacement

TIP ID: 6115 Agency ID: CI040A Title: Traffic Signal LED Replacement

Other**Arboretum Bridge and Trail**

TIP ID: 6497 Agency ID: Title: Arboretum Bridge and Trail

Asset Condition Assessment

TIP ID: 5323 Agency ID: MNT06A, SR09 Title: Condition Assessment

**DISTRICT OF COLUMBIA
FY 2017-2022 TIP PROJECT TYPE INDEX**

Cleveland Park Study

TIP ID: **6193** Agency ID: **PM0D7A** Title: **Cleveland Park Study**

Planning and Management Systems

TIP ID: **3213** Agency ID: **CAL16C, PM30** Title: **Planning and Management Systems**

TIP ID: **5322** Agency ID: **CM085A** Title: **Preventive Maintenance and Repair of Stormwater Pumping Stations**

TIP ID: **3355** Agency ID: **PM086A** Title: **Professional Capacity-Building Strategy**

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

TIP ID: **6097** Agency ID: **MRR14A** Title: **Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridg**

Roadside Improvements Citywide

TIP ID: **5792** Agency ID: **ED0C2A** Title: **C Street NE Implementation**

TIP ID: **5315** Agency ID: **MRR09A** Title: **Blair / Cedar / 4th Street NW**

TIP ID: **5308** Agency ID: **SR070A, ED07** Title: **Neighborhood Streetscape Improvements**

Roadway Reconstruction Citywide

TIP ID: **6597** Agency ID: Title: **Aspen Street NW Improvements**

TIP ID: **6598** Agency ID: Title: **Tenleytown Multi-Modal Access**

TIP ID: **2965** Agency ID: **SR060A MRR1** Title: **Roadway Reconstruction Citywide**

Safety Improvements

TIP ID: **3212** Agency ID: **CB0, CIO** Title: **Safety Improvements Citywide**

TIP ID: **6240** Agency ID: **MRR01A** Title: **Safety and Geometric Improvements of I-295**

Streetscape

TIP ID: **6595** Agency ID: Title: **Pennsylvania Ave NW Streetscape from 17th Street NW to Washington Circle**

TIP ID: **2922** Agency ID: **ED064A** Title: **Great Streets - Minnesota Ave, NE**

Traffic Congestion Mitigation

TIP ID: **2945** Agency ID: **CM074A** Title: **District TDM (goDCgo)**

Traffic Signal Maintenance

TIP ID: **5347** Agency ID: **CI046A, CI047** Title: **Traffic Signal Maintenance NHPP-STP**

Urban Forestry Program

TIP ID: **5313** Agency ID: **CG311, CG312,** Title: **Urban Forestry Program**

TERMS**Transportation Emissions Reduction Measures**

TIP ID: **3219** Agency ID: **ZU022A** Title: **Commuter Connections Program**

Maintenance**Bloomingdale/LeDroit Park Medium Term Flood Mitigation Project**

TIP ID: **6190** Agency ID: **FLD01** Title: **Bloomingdale/LeDroit Park Medium Term Flood Mitigation Project**

Bridge Replacement/Rehabilitation Program

TIP ID: **6596** Agency ID: Title: **Theodore Roosevelt Memorial Bridge**

TIP ID: **5298** Agency ID: **AF067A** Title: **Emergency Transportation Project**

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

TIP ID: **3202** Agency ID: **CD032C, MNT0** Title: **Bridge Design Consultant Services**

TIP ID: **5342** Agency ID: **CD046A** Title: **Approach Bridges to 14th Street Bridge**

TIP ID: **5337** Agency ID: **CD051A** Title: **Replacement of Pedestrian Bridges over Kenilworth Ave**

TIP ID: **5334** Agency ID: **CD052A** Title: **Safety Improvements of Benning Road Bridges over Kenilworth Ave**

Maintenance DDOT

10/12/2017

**DISTRICT OF COLUMBIA
FY 2017-2022 TIP PROJECT TYPE INDEX**

TIP ID: **3243** Agency ID: **CD062A** Title: **Citywide Consultant Bridge Inspection**
TIP ID: **5316** Agency ID: **CD062A** Title: **Impact Attenuators and Guiderails**
TIP ID: **3181** Agency ID: **CD066A** Title: **Replacement of 31st Bridge, NW over C&O Canal**
TIP ID: **5804** Agency ID: **MRR04A** Title: **East Capitol St. Bridge over Anacostia River, Br. # 233**
TIP ID: **5433** Agency ID: **PM094A, CD05** Title: **Bridge management Project/AASHTOWARE**

Maintenance of Stormwater management / Best Management Ponds

TIP ID: **3242** Agency ID: **CA303C, MNT0** Title: **Maintenance, Rehab and Reconstruction of Stormwater-Hydraulic Structures**

Normanstone/Fulton Street Culvert & LID

TIP ID: **6194** Agency ID: **Temp1315** Title: **Normanstone/Fulton Street Culvert & LID**

Resurfacing Streets and Freeways Citywide

TIP ID: **5339** Agency ID: **SR037A** Title: **FY2012 Pavement Restoration - NHPP Streets**

TIP ID: **3215** Agency ID: **SR092A** Title: **Federal Aid Pavement Restoration**

Southwest Freeway Bridgeover South Capitol Street

TIP ID: **6490** Agency ID: Title: **Southwest Freeway Bridge over South Capitol Street**

Streetlight Asset Mgmt & Streetlight Construction - Federal

TIP ID: **5439** Agency ID: **AD017A** Title: **Citywide streetlight construction**

TIP ID: **5385** Agency ID: **AD020A** Title: **Streetlight Asset Mgmt - Federal**

Streetlight Asset Mgmt & Streetlight Construction - Local

TIP ID: **5350** Agency ID: **AD304** Title: **Streetlight Asset Mgmt & Streetlight Construction - Local**

Streetlight Upgrade

TIP ID: **6422** Agency ID: Title: **Mount Pleasant Street Lighting Upgrade**

Systems Maintenance

TIP ID: **2699** Agency ID: **CD018A, CD01** Title: **Asset Preservation of Tunnels in the District of Columbia**

TIP ID: **2927** Agency ID: **CD036A, CD04** Title: **Citywide FA Preventive Maintenance**

Upgrade and Replacement of Overhead Freeway Signs

TIP ID: **6505** Agency ID: Title: **I-395 Sign Structure Improvements**

TIP ID: **6609** Agency ID: **CFPID170306** Title: **Interstate Mile Marker Project**

TIP ID: **6610** Agency ID: **CFPID170319** Title: **Overhead Freeway Sign Maintenance**

Transit

5303/5304 FTA Program

TIP ID: **6102** Agency ID: Title: **5303/5304 FTA Program**

DC Circulator New Buses for Replacement and Expansion

TIP ID: **6105** Agency ID: Title: **DC Circulator New Buses for Replacement and Expansion**

DC Circulator Expansion - Phase I

TIP ID: **6103** Agency ID: Title: **DC Circulator Expansion - Phase I**

Streetcar

TIP ID: **5754** Agency ID: **CM080A** Title: **Benning Road Extension**

TIP ID: **5755** Agency ID: **STC12A** Title: **Union Station to Georgetown Premium Transit; K Street Transit**

Freight

District Freight Plan

TIP ID: **5922** Agency ID: **AF081A** Title: **District Freight Plan**

**DISTRICT OF COLUMBIA
FY 2017-2022 TIP PROJECT TYPE INDEX**

Off-Hours Freight Delivery Pilot Project

TIP ID: **6408** Agency ID: Title: **Off-Hours Freight Delivery Pilot Project**

Planning and Systems Enhancement for Weight Stations

TIP ID: **2633** Agency ID: **CI029A, CI053** Title: **Size and Weight Enforcement Program**

Virginia Avenue Tunnel Project

TIP ID: **5959** Agency ID: **MRR16A** Title: **Virginia Avenue Tunnel Project**

Safety

On-Call Subsurface Pavement Investigation, Engineering

TIP ID: **6502** Agency ID: Title: **On-Call Subsurface Pavement Investigation, Engineering**

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 2633 Agency ID: CI029A, CI053 Title: Size and Weight Enforcement Program									Total Cost:	\$11,280
Facility: Citywide	HSIP	90/10/0			2,000 c					2,000
From:										
To:	NHPP	83/17/0			210 c	215 c	220 c	225 c	231 c	1,101
	STP	80/20/0	1,350 a 1,130 c 150 e	5,000 c						5,000
Total Funds:										8,101

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

- a. Weigh in Motion Maintenance
- b. Truck Size and Weight Program

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 2699 Agency ID: CD018A, CD01 Title: Asset Preservation of Tunnels in the District of Columbia									Total Cost:	\$41,275
Facility: Citywide Asset Management of Tunnel	NHPP	80/20/0	2,200 a	1,000 a						8,600
From:			8,950 c	7,600 c						
To:	NHPP 1	90/10/0			175 a	1,024 a	184 a	188 a	192 a	49,031
					6,900 c	5,120 c	8,860 c	9,401 c	16,987 c	
Total Funds:										57,631

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 2796 Agency ID: AF066A Title: National Recreational Trails									Total Cost:	\$2,100
Facility: Citywide	NRT	83/17/0		300 a	300 a	307 a	315 a	322 a	330 a	1,874
From:										
To:										
Total Funds:										1,874

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

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

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
TIP ID: 2888 Agency ID: CM086A Title: Safe Routes to School			Total Cost: \$10,406							
Facility: Safe Routes to School	SRTS	80/20/0		1,151 c	1,179 c	1,207 c		1,266 c	4,803	
From:										
To:	SRTS 2	100/0/0	1,151 c						1,151	
Total Funds:									5,954	

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

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

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

Description: Reconstruction of Minnesota Avenue from A St., SE to Sheriff Rd., NE including LIDs, streetscape. Schedule is impacted by Benning Streetcar study. Project will be phased to mitigate impacts. Phase 1 will construct from A St. to just south of Benning Road; Phase 2 will follow when streetcar study produces direction as to track route.

TIP ID: 2927 Agency ID: CD036A, CD04 Title: Citywide FA Preventive Maintenance			Total Cost: \$44,100						
Facility:	NHPP	83/17/0		4,400 c	10,977 c		5,755 c	5,893 c	27,025
From:									
To:	NHPP 1	80/20/0	4,800 c	150 a					4,950
	STP	83/17/0			2,744 c		1,439 c	1,473 c	5,656
	STP 1	80/20/0	1,200 c	1,200 c					2,400
Total Funds:									40,031

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

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 2945 Agency ID: CM074A Title: District TDM (goDCgo)									Total Cost:	\$7,000

Facility: citywide	CMAQ	80/20/0	5,200 a	1,700 a	1,700 a	3,584 a	3,670 a	3,758 a	4,068 a	18,480
From:										
To:	Total Funds: 18,480									

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

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

TIP ID: 2965 Agency ID: SR060A MRR1 Title: Roadway Reconstruction Citywide									Total Cost:	\$53,900
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Facility: CITYWIDE	HSIP	80/20/0		15,500 c						15,500
From:										
To:	STP	83/17/0			21,000 c	6,656 c				27,656
	STP 1	80/20/0		2,500 a						13,000
				10,500 c						
									Total Funds:	56,156

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

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

TIP ID: 3181 Agency ID: CD066A Title: Replacement of 31st Bridge, NW over C&O Canal									Total Cost:	\$6,200
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Facility: 31st Street NW Bridge over C&O Canal	NHPP	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.

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3193 Agency ID: CD056A Title: 11th Street Bridges SE, Replace and Reconfigure									Total Cost:	\$37,500
Facility: 11th Street Bridge and Interchan	NHPP	80/20/0	29,500 c	4,500 a						6,000
From:				1,500 c						
To:										
									Total Funds:	6,000

Description: To replace existing structure with new structures and provide direct access from I-295 to Downtown DC (via I-395). To include work for:
I-695 Bridges, I-395 to I-295/DC-295- Project Management and
I-695 Eastbound D4 Ramp Design

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3202 Agency ID: CD032C, MNT0 Title: Bridge Design Consultant Services									Total Cost:	\$4,075
Facility: CITYWIDE	NHPP	83/17/0				433 a	443 a	1,444 a	1,014 a	3,334
From:										
To:	NHPP 1	80/20/0	1,500 a	1,350 a						1,350
	STP	83/17/0			900 a	1,155 a	1,182 a	918 a	690 a	4,845
	STP 1	80/20/0	600 a	500 a						500
									Total Funds:	10,029

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

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3210 Agency ID: AF049A Title: Transportation Alternatives Program									Total Cost:	\$8,050
Facility: Citywide	STP	80/20/0	2,300 a							
From:										
To:	TAP	80/20/0	2,300 a	1,150 c	1,150 a	1,178 a	1,205 a	1,235 a	1,264 a	7,182
									Total Funds:	7,182

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.

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	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3212 Agency ID: CB0, CI0 Title: Safety Improvements Citywide			Total Cost:							
Facility: Citywide	HSIP	90/10/0		3,050 a	5,325 a	5,453 a	5,584 a	5,718 a	5,855 a	51,936
From:				565 c	4,008 c	3,950 c	4,045 c	4,142 c	4,241 c	
To:	STP	83/17/0			1,550 a	1,536 a	2,097 a	1,611 a	1,649 a	9,230
					150 c	154 c	157 c	161 c	165 c	
	STP 1	80/20/0		560 a						935
				375 c						
Total Funds:										62,101

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

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

DISTRICT OF COLUMBIA
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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3213 Agency ID: CAL16C, PM30 Title: Planning and Management Systems									Total Cost: \$49,377
Facility: Citywide	CMAQ	80/20/0	924 a	2,556 a					2,556
From:	HSIP	90/10/0		250 e	77 e				327
To:	HSIP 1	80/20/0		381 a					381
	Sect. 5339	80/20/0		500 a					2,000
				1,500 c					
	SPR	80/20/0		7,000 a	6,200 a	5,734 a	5,872 a		24,956
					150 e				
	STP	83/17/0			2,185 a	1,721 a	1,785 a	3,762 a	16,125
					2,000 e	1,024 e	1,049 e	107 e	1,100 e
	STP 1	80/20/0		3,030 a	1,000 a	1,024 a	1,049 a	1,074 a	8,577
				300 c					
	STP 2	100/0/0			2,000 c	3,072 c	2,097 c	3,221 c	10,390
									Total Funds: 65,312

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

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	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3215 Agency ID: SR092A Title: Federal Aid Pavement Restoration									Total Cost:	\$65,100
Facility: Citywide	STP	83/17/0			8,233 c	9,523 c	9,752 c	9,986 c	10,225 c	47,719
From:										
To:	STP 1	80/20/0		9,300 c						9,300
Total Funds:										57,019

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3216 Agency ID: OSS07A, CI060 Title: Traffic Operations Improvements Citywide									Total Cost:	
Facility:	HSIP	90/10/0		2,100 c	1,800 c	1,946 c	2,097 c	2,147 c	2,199 c	12,289
From:										
To:	NHPP	80/20/0		250 c						250
	STP	83/17/0			6,000 c	6,144 c	11,534 c	6,442 c	6,597 c	39,682
					565 e	579 e	593 e	607 e	621 e	
	STP 1	80/20/0		1,200 a						12,800
				8,000 c						
				3,600 e						
Total Funds:										65,021

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

- a. ITS On Call Technical Support Services
- b. MATOC Annual Fee
- c. Traffic Management Center Operations
- d. Citywide Thermoplastic Pavement Markings
- e. Advanced Traffic Management System
- f. Infrastructure Information Technology Support Services
- g. Moveable Barrier System
- h. Implementation of Advanced Traffic Signal Controllers for DC Signal System
- i. Maintenance of Existing Transportation Systems
- j. ITS Maintenance
- k. ITS General Support
- l. ITS System Design Services

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

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

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

TIP ID: 3228 Agency ID: AF073A, ZU024 Title: Metropolitan Branch Trail									Total Cost: \$7,432
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Facility:	Union Station District Line	CMAQ	80/20/0	400 a	3,300 c					3,300
From:										
To:										
				10,100 c						
				1,892 a	300 a					300
				1,200 c						
Total Funds: 3,600										

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

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

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

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

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

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

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

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	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3242 Agency ID: CA303C, MNT0 Title: Maintenance, Rehab and Reconstruction of Stormwater-Hydraulic Structures and Flood									Total Cost:	\$3,215
Facility:	STP	83/17/0			500 a	512 a	524 a	537 a	550 a	16,139
From:					2,300 c	2,355 c	2,884 c	2,953 c	3,024 c	
To:	STP 1	80/20/0		300 a						1,000
				700 c						
Total Funds:										17,139

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

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

TIP ID: 3243 Agency ID: CD062A Title: Citywide Consultant Bridge Inspection									Total Cost:	\$13,150
Facility:	NHPP	83/17/0				1,997 a		4,295 a		6,292
From:										
To:	NHPP 1	80/20/0	6,300 a	1,850 a						1,850
	STP	83/17/0					2,045 a			2,045
Total Funds:										10,187

Description: Consultant inspection of the District's bridges. Work under this contract consist of performing detailed condition inspections and evaluations of all highway and pedestrian bridges, and tunnels and underpasses, under the ownership of the District of Columbia in accordance with the prescribed inspections schedule, the DDOT Bridge Inspection Manual of Procedures and the National Bridge Inspection Standards (NBS). Safety inspection of railroad owned bridges crossing District streets shall also be performed. Selected inspections of culverts and overhead sign structures shall be performed as needed. FY2014 obligation includes Phase II of the overhead sign structure effort.

TIP ID: 3290 Agency ID: SR049A Title: Reconstruction of Kenilworth Avenue, NE									Total Cost:	\$13,050
Facility:	Kenilworth Ave, NE	NHPP	83/17/0			8,000 c				8,000
From:	East Capitol St Ramp									
To:	Rail Over Pass north of Benning Rd	NHPP 1	80/20/0	13,050 c						13,050
		NHS	80/20/0	750 a						
Total Funds:										21,050

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

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

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 3423 Agency ID: AW011, AW024 Title: South Capitol Street Corridor										Total Cost: \$554,172
Facility:	DC/State	0/100/0	53,620 c	34,420 c	4,294 c	24,303 c				63,017
From: N St, MLK Ave, Suitland Pkwy, Memorial Bri										
To:	DEMO	80/20/0	103,918 c							
	GARVEE	80/20/0		48,690 c	84,270 c	76,330 c				209,290
	NHPP	80/20/0		12,300 c	12,300 c					24,600
Total Funds: 296,907										

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

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

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

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

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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5308 Agency ID: SR070A, ED07 Title: Neighborhood Streetscape Improvements									Total Cost: \$22,253

Facility:	HSIP	90/10/0	50 a						50
From:									
To:									Total Funds: 50

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

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

TIP ID: 5313 Agency ID: CG311, CG312, Title: Urban Forestry Program									Total Cost: \$10,800
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Facility: Citywide	NHPP	83/17/0		200 c	205 c	210 c	215 c	220 c	1,050
From:									
To:	NHPP 1	80/20/0	100 c						100
	STP	83/17/0		300 c	307 c	315 c	322 c	330 c	1,574
	STP 1	80/20/0	400 c						400
									Total Funds: 3,124

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

TIP ID: 5315 Agency ID: MRR09A Title: Blair / Cedar / 4th Street NW									Total Cost: \$3,000
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Facility: Intersection of Blair/Cedar and 4th	HSIP	90/10/0		2,700 c					2,700
From:									
To:	STP	80/20/0	300 a	2,700 c					2,700
			7,400 c						
									Total Funds: 5,400

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

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

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

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

TIP ID: 5322 Agency ID: CM085A Title: Preventive Maintenance and Repair of Stormwater Pumping Stations			Total Cost: \$3,336							
Facility:	CMAQ	80/20/0	1,050 a	600 a	400 a	410 a	419 a	429 a	440 a	2,698
From:										
To:	DC/State	0/100/0	1,569 a	1,000 a	1,000 a					2,000
Total Funds:										4,698

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

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

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

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

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

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	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5337 Agency ID: CD051A Title: Replacement of Pedestrian Bridges over Kenilworth Ave									Total Cost:	\$16,500
Facility: Kenilworth	STP	80/20/0	2,000 a	350 a						350
From:			2,500 b							
To:	STP 1	83/17/0				14,336 c				14,336
Total Funds:										14,686

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

TIP ID: 5339 Agency ID: SR037A Title: FY2012 Pavement Restoration - NHPP Streets									Total Cost:	\$29,350
Facility:	NHPP	83/17/0		7,500 c	154 a	10,486 c	10,737 c	10,995 c		50,112
From:						10,240 c				
To:	NHPP 1	80/20/0		150 a						6,150
Total Funds:										56,262

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

TIP ID: 5342 Agency ID: CD046A Title: Approach Bridges to 14th Street Bridge									Total Cost:	
Facility: 14th Street Bridge northbound over the Poto	NHPP	90/10/0		2,000 a						30,786 c
From:										32,786
To:	NHPP 1	80/20/0	750 a	1,000 a						1,000
Total Funds:										33,786

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: 5346 Agency ID: CD026 Title: Theodore Roosevelt Bridge Rehabilitation									Total Cost:	\$28,500
Facility:	NHPP	80/20/0	2,964 a							
From:			25 b							
To:	NHPP 1	90/10/0		1,000 a						1,000
Total Funds:										1,000

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

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

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

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

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5350 Agency ID: AD304 Title: Streetlight Asset Mgmt & Streetlight Construction - Local									Total Cost:	\$10,500
Facility: Citywide	DC/State	0/100/0		4,836 a	300 a	300 a	300 a	300 a		34,800
From:				60,789 c	8,400 c	8,400 c	8,400 c	8,400 c		
To:										
Total Funds:										34,800

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

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

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

	Source	Fed/St/Loc								
TIP ID: 5385 Agency ID: AD020A Title: Streetlight Asset Mgmt - Federal									Total Cost:	
Facility: Citywide	NHPP	83/17/0			8,247 c	4,786 c	10,419 c	3,030 c	3,102 c	29,584
From:										
To:	NHPP 1	80/20/0		3,384 c						3,384
	STP	83/17/0			1,722 c	7,283 c	12,251 c	4,610 c	4,721 c	30,587
	STP 1	80/20/0		5,383 c						5,383
Total Funds:										68,938

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

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

	Source	Fed/St/Loc								
TIP ID: 5433 Agency ID: PM094A, CD05 Title: Bridge management Project/AASHTOWARE									Total Cost:	\$2,125
Facility: Citywide	NHPP	83/17/0			325 a	333 a	341 a	349 a	357 a	1,705
From: Citywide										
To:	NHPP 1	80/20/0		300 a						300
	STP	83/17/0			316 e	307 e	315 e	333 e	341 e	1,612
	STP 1	80/20/0		300 e						300
Total Funds:										3,917

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

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

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

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

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

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

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

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

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

TIP ID: 5754 Agency ID: CM080A Title: Benning Road Extension			Total Cost: \$82,750							
Facility: Streetcar Line	CMAQ	80/20/0	3,200 a							
From:										
To:	DC/State	0/100/0	5,400 a	23,614 c	27,363 c	21,644 e				92,217
					19,596 e					
	NHPP	83/17/0				7,168 a		42,413 c	33,535 c	83,116
Total Funds: 175,333										

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

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5755 Agency ID: STC12A Title: Union Station to Georgetown Premium Transit; K Street Transit									Total Cost: \$76,290
Facility: Premium Transit	CMAQ	80/20/0	1,500 d						
From:									
To:	DC/State	0/100/0	4,250 a		24,280 c	45,014 c			69,294
			7,000 c						
	NHPP	80/20/0		7,500 a					7,500
									Total Funds: 76,794

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

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

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

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

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

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

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

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5922 Agency ID: AF081A Title: District Freight Plan									Total Cost:	\$300

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

			600 a	150 a						150
										Total Funds: 150

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

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

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

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

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

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

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

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

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

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

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
TIP ID: 6039 Agency ID: CD054A Title: H Street Bridge over Railroad			Total Cost: \$22,750							
Facility: H Street NE	DC/State	0/100/0	20,000 a							
From: North Capitol Street										
To: 3rd Street NE	NHPP	80/20/0	500 a							

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.

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

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

TIP ID: 6097 Agency ID: MRR14A Title: Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridge No. 1016			Total Cost: \$21,000							
Facility: Anacostia Freeway over South Capitol Street	NHPP	80/20/0	1,000 a	10,000 c					10,000	
From:										
To:	NHPP 1	90/10/0		2,500 a					2,500	
									Total Funds: 12,500	

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

TIP ID: 6102 Agency ID: Title: 5303/5304 FTA Program			Total Cost: \$2,874							
Facility: Citywide	Sect. 5303	80/20/0	1,590 a	415 a	415 a	415 a	415 a		1,660	
From:										
To:	Sect. 5304	80/20/0	418 a	110 a	110 a	110 a	110 a		440	
									Total Funds: 2,100	

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

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

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

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6105 Agency ID: Title: DC Circulator New Buses for Replacement and Expansion										Total Cost: \$8,925

Facility:	DC/State	0/100/0	46,253 e	17,600 e		7,100 e				24,700
From:										
To:										
Description: Additional Circulator buses must be purchased in order to expand service to additional routes.										
Total Funds: 24,700										

TIP ID: 6114 Agency ID: ZUT10C Title: South Capitol Street Trail										Total Cost:
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Facility:	CMAQ	80/20/0	1,700 a			11,264 c				11,264
From:										
To:										
Description: Design and construct a paved bicycle and pedestrian trail along South Capitol Street based on the 2010 concept plan.										
Total Funds: 11,264										

TIP ID: 6115 Agency ID: CI040A Title: Traffic Signal LED Replacement										Total Cost: \$8,400
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Facility:	NHPP	80/20/0	1,680 c	540 c						540
From:										
To:	NHPP 1	83/17/0			900 c	1,106 c	1,132 c	1,160 c	1,187 c	5,485
	STP	80/20/0	1,680 c	540 c						540
	STP 1	83/17/0			540 c	553 c	566 c	1,063 c	594 c	3,316
Total Funds: 9,881										

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

TIP ID: 6184 Agency ID: OSS14A Title: Mid City East										Total Cost: \$3,000
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Facility:	Eckington, Bloomingdale, LeDroit, Hannover	STP	80/20/0	500 d	2,500 c					2,500
From:	Eckington									
To:	Shaw									
Total Funds: 2,500										

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

TIP ID: 6187 Agency ID: MRR27A Title: Rehabilitation of I-395 HOV Bridge over Potomac River										Total Cost: \$39,250
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Facility:	I-395 HOV	NHPP	80/20/0	750 a	1,000 a					1,000
From:	Over Potomac River									
To:	Over Potomac River	NHPP 1	90/10/0			1,500 a		55,575 c		57,075
Total Funds: 58,075										

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

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6190 Agency ID: FLD01 Title: Bloomingtondale/LeDroit Park Medium Term Flood Mitigation Project										Total Cost: \$10,000
Facility: Bloomingtondale/LeDroit Park	DC/State	0/100/0	1,500 a	500 a	500 a					4,000
From:			4,500 c	1,500 c	1,500 c					
To:										
										Total Funds: 4,000

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

TIP ID: 6193 Agency ID: PM0D7A Title: Cleveland Park Study										Total Cost:
Facility: Connecticut Ave. NW	NHPP	80/20/0	526 a	2,415 c						2,415
From: Porter Street NW										
To: Macomb Street NW	NHPP 1	83/17/0				2,473 c				2,473
										Total Funds: 4,888

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

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

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

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

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

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

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

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6230 Agency ID: ZU010A Title: New York Avenue Trail									Total Cost:	\$3,600
Facility: Paved trail/sidewalk	CMAQ	80/20/0	700 a	3,300 c						3,300
From:										
To:										
Description: Design and build a new trail along New York Avenue NE.									Total Funds:	3,300

TIP ID: 6240 Agency ID: MRR01A Title: Safety and Geometric Improvements of I-295									Total Cost:	\$11,500
Facility: I-295/DC-295	HSIP	90/10/0			9,500 c					9,500
From:										
To:	NHPP	80/20/0	3,500 a							
	NHPP 1	83/17/0				9,728 c				9,728
									Total Funds:	19,228

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

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

TIP ID: 6283 Agency ID: PM0A4A Title: Managed Lanes									Total Cost:	\$21,309
Facility: Rochambeau Bridge, I-395, SW/SE Freeway	NHPP	80/20/0	5,380 a	5,309 a						5,309
From:										
To:										
									Total Funds:	5,309

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

TIP ID: 6315 Agency ID: SR086A Title: East Capitol Street Corridor Mobility & Safety Plan									Total Cost:	\$3,800
Facility: Street	HSIP	90/10/0		1,500 a	410 a					1,910
From:										
To:	STP	80/20/0	1,000 a							
									Total Funds:	1,910

Description: Design and Construct pedestrian safety and traffic operations improvements

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6408	Agency ID:	Title: Off-Hours Freight Delivery Pilot Project							Total Cost:	\$300

Facility:	HRDP	50/50/0	160 a	140 a						140
From:										
To:										
Total Funds:										140

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

TIP ID: 6412	Agency ID:	Title: Reconstruction of 18th Street, NW from Virginia Ave to Connecticut Ave/M Street							Total Cost:	\$1,000
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Facility:	18th Street NW	STP	80/20/0	1,000 a						1,000
From:	Virginia Ave NW									
To:	M Street NW									
Total Funds:										1,000

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

TIP ID: 6414	Agency ID:	Title: Reconstruction of Kenyon Street NW from Park Place NW to 13th Street NW							Total Cost:	\$6,500
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Facility:	Kenyon Street NW	STP	80/20/0	1,000 a	5,500 c					6,500
From:	Park Place NW									
To:	13th Street NW									
Total Funds:										6,500

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

TIP ID: 6416	Agency ID:	Title: Rehabilitation of I-66 Ramp to Whitehurst Freeway over Potomac Pkwy and Rock Creek (Total Cost:	\$6,000
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Facility:	I-66 Ramp to Whitehurst Freeway over Pot	NHPP	83/17/0	1,536 a						1,536
From:	I-66 Ramp									
To:	Whitehurst Freeway over Potomac Pkwy an									
Total Funds:										1,536

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

TIP ID: 6417	Agency ID:	Title: Rehabilitation of K Street NW Bridge, over Whitehurst Freeway Ramp (Bridge No. 1304)							Total Cost:	\$7,000
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Facility:	K Street Bridge over Whitehurst Freeway Ra	NHPP	80/20/0	1,000 a						1,000
From:										
To:										
Total Funds:										1,000

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

TIP ID: 6418	Agency ID:	Title: Rehabilitation of 16th St Bridge over Piney Branch Rd. NW (Bridge No. 0022)							Total Cost:	\$10,000
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Facility:	16th St Bridge NW over Piney Branch Rd. N	NHPP	83/17/0	1,000 a	5,033 c					5,033
From:										
To:										
Total Funds:										5,033

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

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
TIP ID: 6422 Agency ID:		Title: Mount Pleasant Street Lighting Upgrade						Total Cost:		\$2,000
Facility: Mount Pleasant Street NW	STP	83/17/0	300 a	600 a	600 c				1,200	
From:			1,700 c							
To:										
									Total Funds: 1,200	

Description: Lighting Upgrade with complete system including manhole, conduit LED lights and Historic Washington Globe Pole/Fixture

TIP ID: 6425 Agency ID:		Title: Reconstruction of Harvard Street NW from 16th St NW to Georgia Ave NW						Total Cost:		\$1,000
Facility: Harvard Street NW	STP	80/20/0		1,000 a					1,000	
From: 16th Street, NW										
To: Georgia Avenue NW										
									Total Funds: 1,000	

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

TIP ID: 6426 Agency ID:		Title: Rehabilitation of 14th Street, SW Bridge over Streetcar Terminal						Total Cost:		\$6,000
Facility: 14 Street SW Bridge over Streetcar Terminal	NHPP	80/20/0	500 a	5,500 c					5,500	
From:										
To:										
									Total Funds: 5,500	

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

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

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

TIP ID: 6492 Agency ID:		Title: Safety Improvements of 22nd and I NW						Total Cost:		\$400
Facility: Pennsylvania Ave, NW	HSIP	80/20/0	50 a	350 c					350	
From: 22nd Street NW										
To: I Street NW										
									Total Funds: 350	

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

TIP ID: 6493 Agency ID:		Title: Reconstruction of Ward II						Total Cost:		\$10,000
Facility: 21st Street NW, Florida Ave NW, and Mass	NHPP	83/17/0			9,216 c				9,216	
From:										
To:	STP	80/20/0	1,000 a							
									Total Funds: 9,216	

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

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6497 Agency ID: Title: Arboretum Bridge and Trail									Total Cost: \$1,000

Facility: Arboretum Bridge and Trail east side of river	CMAQ	80/20/0	1,000 a			3,584 c			3,584
From:									
To:									
									Total Funds: 3,584

Description: The trail environmental assessment has been completed and the bridge and trail is ready to move to the next phase for design and construction.

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

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


TIP ID: 6505 Agency ID: Title: I-395 Sign Structure Improvements									Total Cost: \$4,700
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Facility: Citywide	HSIP	90/10/0		4,000 c					4,000
From:									
To:	NHPP	80/20/0	4,700 a						
									Total Funds: 4,000

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

TIP ID: 6516 Agency ID: Title: Reconstruction/ Rehabilitation of Superstructure and Substructure of a Pedestrian Brid									Total Cost: \$5,000
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Facility: Pedestrian Bridge and Trail at Arizona Ave N	CMAQ	80/20/0	1,000 a	400 a					400
From: Nebraska Ave NW									
To: Galena Pl NW									
									Total Funds: 400

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

TIP ID: 6595 Agency ID: Title: Pennsylvania Ave NW Streetscape from 17th Street NW to Washington Circle									Total Cost: \$17,000
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Facility: Pennsylvania Ave NW	NHPP	80/20/0		1,000 a					1,000
From: 17th St NW									
To: 22nd St NW	NHPP 1	83/17/0			1,536 a				1,536
									Total Funds: 2,536

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

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

	Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6596 Agency ID:	Title: Theodore Roosevelt Memorial Bridge								Total Cost:	\$31,000

Facility: Theodore Roosevelt Memorial Bridge
 From: NHPP
 To: 90/10/0
 1,000 a 2,000 a 2,097 a 5,097
Total Funds: 5,097

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

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

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

TIP ID: 6598 Agency ID:	Title: Tenleytown Multi-Modal Access								Total Cost:	\$6,080
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Facility: Wisconsin Ave NW
 From: Albemarle Street NW
 To: Brandywine Street NW
 STP 80/20/0 1,000 a 1,000
Total Funds: 1,000

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

TIP ID: 6609 Agency ID: CFPID170306	Title: Interstate Mile Marker Project								Total Cost:	\$1,000
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Facility: Citywide
 From: NHPP
 To: 83/17/0
 1,000 c 1,000
Total Funds: 1,000

Description: Install mile markers on I-295, I-395, I-695, and I-66. Design to be completed through Traffic Safety & Engineering Support (TSES) in FY 2017. Project will consist of placing mile markers along interstates and updating existing exit numbers on ground-mounted and overhead signs to comply with mile-marker designations.

TIP ID: 6610 Agency ID: CFPID170319	Title: Overhead Freeway Sign Maintenance								Total Cost:	\$3,000
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Facility: Citywide
 From: NHPP
 To: 83/17/0
 600 c 614 c 629 c 644 c 660 c 3,147
Total Funds: 3,147

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

TIP ID: 6611 Agency ID: CFPID160076	Title: Audit and Compliance								Total Cost:	
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Facility: Citywide
 From: STP
 To: 83/17/0
 1,000 a 1,024 a 1,049 a 1,073 a 1,100 a 5,246
Total Funds: 5,246

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

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

Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
TIP ID: 6613 Agency ID:		Title: I-695 Bridges From I-395 to I-295/DC-295						Total Cost:			
Facility: I 695	NHPP	83/17/0		500 a	1,024 a	1,049 a	322 a			2,895	
From: I 395											
To: I 295											
										Total Funds:	2,895

Description: Post-construction close-out and completion of outstanding items.

**Table 1A
DISTRICT OF COLUMBIA
FY 2017-2022 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in \$Millions)**

Source	2017		2018		2019-2020		2021-2022		2017-2022
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	
Title I - FHWA									
Congestion Mitigation and Air Quality Improvement Program	10.98	13.72	11.61	14.51	21.98	27.48	8.17	10.22	65.92
Demonstration Funding	0.24	0.30							0.30
Federal Lands Access Program	1.50	1.50							1.50
Highway Research and Development Program	0.07	0.14							0.14
National Highway Performance Program	129.12	161.15	66.37	76.26	214.01	245.71	241.98	280.42	763.53
Safe Routes to School Program	1.15	1.15	0.92	1.15	1.91	2.39	1.01	1.27	5.95
State Planning & Research Program	5.60	7.00	5.08	6.35	9.28	11.61			24.96
Surface Transportation Program	89.87	112.31	81.56	97.72	152.74	182.82	94.89	113.30	506.14
Highway Safety Improvement Program (STP)	29.86	35.73	28.21	30.91	24.63	26.99	28.38	30.81	124.44
Transportation Alternatives Program	0.92	1.15	0.92	1.15	1.91	2.38	2.00	2.50	7.18
Title I - FHWA Total:	269.30	334.15	194.67	228.05	426.47	499.37	376.43	438.50	1,492.88
Title III - FTA									
Section 5303	0.33	0.42	0.33	0.42	0.66	0.83			1.66
Section 5304	0.09	0.11	0.09	0.11	0.18	0.22			0.44
Section 5339	1.60	2.00							2.00
Title III - FTA Total:	2.02	2.53	0.42	0.53	0.84	1.05			4.10
State/Local									
District Funds		88.68		63.70		141.24			293.63
State/Local Total:		88.68		63.70		141.24			293.63
Other									
Grant Anticipation Revenue Vehicles (Bonds)	38.95	48.69	67.42	84.27	61.06	76.33			209.29
GSA Earmark	109.60	137.00	19.84	24.80					161.80
National Recreational Trails Funding Program	0.25	0.30	0.25	0.30	0.52	0.62	0.54	0.65	1.87
Private Developer		1.20		1.20					2.40
Other Total:	148.80	187.19	87.51	110.57	61.58	76.95	0.54	0.65	375.36
Grand Total:	420.12	612.54	282.59	402.84	488.89	718.61	376.98	439.15	2,173.16

**Table 1B
DISTRICT OF COLUMBIA
FY 2017-2022 TRANSPORTATION IMPROVEMENT PROGRAM
Financial Summary (in \$Millions)**

Project Type	2017		2018		2019-2020		2021-2022		2017-2022	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Interstate	15.02	18.77	15.87	16.10	82.24	88.41	30.91	30.97	144.03	154.24
Primary	179.83	259.21	106.56	137.06	104.14	152.53	55.20	66.50	445.72	615.30
Secondary	7.32	9.15	16.82	20.30	12.05	14.72			36.19	44.17
Bridge	30.00	37.50			14.19	17.09			44.19	54.59
Surface Transportation:	232.17	324.63	139.24	173.46	212.61	272.74	86.11	97.47	670.13	868.31
Transit:	6.42	49.99	0.42	48.23	6.79	107.76	63.04	75.95	76.67	281.93
Bike/Ped:	8.17	9.92	11.36	14.00	14.28	17.78	1.55	1.92	35.37	43.61
Enhancement	0.92	1.15	0.92	1.15	1.91	2.38	2.00	2.50	5.75	7.18
Freight	4.19	6.49	1.97	3.41	0.36	0.44	0.38	0.46		
ITS	17.44	21.54	8.26	9.81	22.07	26.25	19.08	22.62	66.85	80.21
Maintenance	72.28	100.19	47.80	66.62	122.97	163.40	138.52	160.71	381.57	490.92
Other	77.42	97.26	71.52	84.80	106.73	126.42	65.08	76.02	320.76	384.49
Safety	0.54	0.68								
TERMs	0.56	0.70	1.09	1.36	1.16	1.45	1.22	1.52	4.02	5.03
Miscellaneous:	173.35	228.01	131.57	167.15	255.20	320.34	226.28	263.82	786.41	979.31
Total Funds:	420.12	612.54	282.55	402.84	488.89	718.61	376.98	439.15	1,568.57	2,173.16