

ITEM 8 – Action
November 15, 2017

Approval to Amend the FY 2017-2022 TIP to Update Projects and Funding in the District of Columbia Section of the TIP, As Requested by the District Department of Transportation (DDOT)

Staff Recommendation: Approve Resolution R7-2018 to amend the FY 2017-2022 TIP

Issues: None

Background: Notice was given at the October 18, 2017 board meeting that DDOT has requested an amendment to include project and funding updates for projects in the District section of the TIP. These projects are already included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017–2022 TIP or are exempt from the air quality conformity requirement. The Steering Committee has reviewed and recommends for inclusion additional corrections identified by DDOT during the comment and inter-agency review period.

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

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

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

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

WHEREAS, on 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 FY 2018-2022 Obligation Plan, 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, 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 FY 2018-2022 Obligation Plan, as described in the attached materials; and

WHEREAS, on November 3, 2017, the TPB Steering Committee reviewed a set of 12 corrections requested by DDOT to include an additional \$339 million in the proposed TIP amendment as described in the attached memorandum of November 9, 2017, and has recommended that the TPB include these corrections in the amendment; 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, including the 12 corrections, for the District of Columbia section, as described in the attached materials.



MEMORANDUM

TO: Transportation Planning Board
FROM: Andrew Austin, TPB Transportation Planner
SUBJECT: Changes to the Proposed Update of the District of Columbia Section of the FY 2017-2022 Transportation Improvement Program
DATE: November 9, 2017

On November 16, 2016, the TPB approved the FY 2017-2022 Transportation Improvement Program (TIP) along with the 2016 Amendment to the Financially Constrained Long-Range Transportation Plan (CLRP) and the Air Quality Conformity Analysis of the CLRP and TIP. On October 12, 2017 notice was provided that the District Department of Transportation (DDOT) had requested an amendment to update all projects and funding in the District’s section of the FY 2017-2022 TIP to match its draft FY 2018-2022 State Transportation Improvement Program (STIP). This notice marked the start of a 30-day public comment and inter-agency review period that will conclude on November 11. The funding programmed in the proposed amendment totaled approximately \$2.17 billion. The TPB was briefed on this amendment request at its October 18 meeting.

Since the draft amendment was released for public comment, DDOT has requested 12 corrections that would add another \$339 million, bringing the District’s section of the FY 2017-2022 TIP total to \$2.5 billion. TPB staff have reviewed the projects and the requested corrections. All projects subject to correction were included in the FY 2017-2022 TIP as it was approved in November 2016. The only new TIP record is for a project that is being broken out of a larger project grouping. Four of the projects are included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 TIP: South Capitol Street Corridor, Benning Road Streetcar Extension, Union Station to Georgetown Premium Transit – K Street Transit, and H Street Bridge Over Railroad. The proposed corrections will not impact the scope or scheduled completion of any of these projects. The remaining projects are exempt from the air quality conformity requirement. Please see the listing below and the attached TIP tables for a full description of the proposed corrections.

The TPB Steering Committee reviewed these proposed corrections at its November 3 meeting and has recommend that the TPB include them as a part of the FY 2017-2022 TIP amendment to be approved under resolution R7-2018 when it acts on November 15, 2017.

PROPOSED CORRECTIONS

| TIP ID | Page | Title/Correction Description | Total Change (Millions of \$) |
|--------|------|--|-------------------------------|
| 3212 | 31 | <u>Safety Improvements Citywide</u> Add a total of \$918,000 in SPR and local funding for PE between FY 2018 and FY 2022. | \$0.918 |
| 3228 | 34 | <u>Metropolitan Branch Trail</u> Add \$11 million in CMAQ and local funding for construction in FY 2019. | \$11.000 |

| TIP ID | Page | Title/Correction Description | Total Change (Millions of \$) |
|--------|------|--|----------------------------------|
| 3423 | 36 | <u>South Capitol Street Corridor</u> Add \$12.406 million local funding for construction in FY 2018, \$17.681 million in FY 2019 and \$85.878 million in FY 2020. | \$103.559 |
| 5322 | 38 | <u>Preventive Maintenance and Repair of Stormwater Pumping Stations</u> Add \$8.891 million in local funding for PE between FY 2018 and FY 2022. | \$8.891 |
| 5350 | 40 | <u>Streetlight Asset Management & Streetlight Construction - Local</u> Increase local funding for construction in FY 2018 from \$8.7 million to \$9 million, in FY 2019 from \$8.7 million to \$9.216 million, in FY 2020 from \$8.7 million to \$9.437 million, and add \$6.979 million to FY 2021 and \$7.147 million to FY 2022. | \$15.679 |
| 5385 | 41 | <u>Streetlight Asset Management - Federal</u> Include "Citywide Streetlight P3" in description. Reduce NHPP and local match funding for construction in FY 2018 from \$8.247 million to \$1.132 million, and in FY 2020 from \$10.419 million to \$2.959 million. Funding reprogrammed in break-out project, TIP ID 6614 below. | -\$14.575 |
| 5754 | 42 | <u>Benning Road Extension</u> Add \$1 million in local funding for PE in FY 2018, \$7 million for construction in FY 2021, and \$31.5 million in FY 2022 for construction and other. | \$39.500 |
| 5755 | 43 | <u>Union Station to Georgetown Premium Transit; K Street Transit</u> Reduce local funding for construction in FY 2018 from \$24.28 million to \$1 million and reprogram for PE; reduce local funding for construction in FY 2019 from \$45.014 million to \$5.12 million and reprogram for PE. | -\$63.174 |
| 5922 | 44 | <u>District Freight Plan</u> Add NHFP and local matching funds for PE: \$130,000 in FY 2018; \$136,000 in FY 2020; and \$143,000 in FY 2022. | \$0.409 |
| 6039 | 45 | <u>H Street Bridge over Railroad</u> Add \$203.457 million in local funding for construction between FY 2018 and FY 2020. | \$203.457 |
| 6195 | 47 | <u>Florida Avenue Streetscape</u> Change title from "Florida Avenue Transportation Study" to "Florida Avenue Streetscape" and add \$18.596 million in STP and local matching funds for construction in FY 2020. | \$18.596 |
| 6614 | 53 | <u>Pennsylvania Ave. Streetlight Upgrade from 2nd St. SE to Barney Circle SE</u> Breakout project from Streetlight Asset Management_ Federal (TIP ID 5385) with \$14.575 million in NHPP and local match funding for construction. | \$14.575 |

DISTRICT OF COLUMBIA
FY 2017-2022 TIP PROJECT TYPE INDEX

DDOT

Interstate

11th Street Bridges and Interchange Reconstruction

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

Rehabilitation of I-395 HOV Bridge over Potomac River

| | | |
|------|-------------------|--|
| 6187 | Agency ID: MRR27A | Title: Rehabilitation of I-395 HOV Bridge over Potomac River |
|------|-------------------|--|

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

| | | |
|------|------------|--|
| 6416 | Agency ID: | Title: Rehabilitation of I-66 Ramp to Whitehurst Freeway over Potomac Pkwy and Rock Cr |
|------|------------|--|

Primary

Anacostia Waterfront Initiative

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

Audit and Compliance

| | | |
|------|------------------------|-----------------------------|
| 6611 | Agency ID: CFPID160076 | Title: Audit and Compliance |
|------|------------------------|-----------------------------|

South Capitol Street

| | | |
|------|---------------------------|--------------------------------------|
| 6038 | Agency ID: | Title: Garvee Debt Service |
| 3423 | Agency ID: AW011, AW024A, | Title: South Capitol Street Corridor |

Secondary

Florida Avenue Transportation Study

| | | |
|------|-------------------|-----------------------------------|
| 6195 | Agency ID: ZU033A | Title: Florida Avenue Streetscape |
|------|-------------------|-----------------------------------|

Maryland Avenue Pedestrian Safety Project

| | | |
|------|-------------------|-------------------------------------|
| 6014 | Agency ID: SR088A | Title: Maryland Avenue NE Road Diet |
|------|-------------------|-------------------------------------|

Mid City East

| | | |
|------|-------------------|----------------------|
| 6184 | Agency ID: OSS14A | Title: Mid City East |
|------|-------------------|----------------------|

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

| | | |
|------|------------|--|
| 6412 | Agency ID: | Title: Reconstruction of 18th Street, NW from Virginia Ave to Connecticut Ave/M Street |
|------|------------|--|

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

| | | |
|------|------------|--|
| 6425 | Agency ID: | Title: Reconstruction of Harvard Street NW from 16th St NW to Georgia Ave NW |
|------|------------|--|

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

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|------|------------|--|
| 6414 | Agency ID: | Title: Reconstruction of Kenyon Street NW from Park Place NW to 13th Street NW |
|------|------------|--|

Reconstruction of Ward II

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|------|------------|----------------------------------|
| 6493 | Agency ID: | Title: Reconstruction of Ward II |
|------|------------|----------------------------------|

Safety Improvements of 22nd and I NW

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|------|------------|---|
| 6492 | Agency ID: | Title: Safety Improvements of 22nd and I NW |
|------|------------|---|

Bike/Ped

10/24/2017

DISTRICT OF COLUMBIA FY 2017-2022 TIP PROJECT TYPE INDEX

District-wide Bicycle and Pedestrian Management Program

3232 Agency ID: CM064A, ZUT06A, Title: Bicycle and Pedestrian Management Program

East Capitol Street Pedestrian Safety Project

6315 Agency ID: SR086A Title: East Capitol Street Corridor Mobility & Safety Plan

Metropolitan Branch Trail

3228 Agency ID: AF073A, ZU024A Title: Metropolitan Branch Trail

National Recreational Trails

2796 Agency ID: AF066A Title: National Recreational Trails

6230 Agency ID: ZU010A Title: New York Avenue Trail

Reconstruction/Rehabilitation of Superstructure and Substructure Arizona Ave NW

6516 Agency ID: Title: Reconstruction/ Rehabilitation of Superstructure and Substructure of a Pedestrian B

Rock Creek Park Trail

3230 Agency ID: AF005A Title: Rock Creek Park Trail

Safe Routes to School

2888 Agency ID: CM086A Title: Safe Routes to School

South Capitol Street Trail

6114 Agency ID: ZUT10C Title: South Capitol Street Trail

Bridge

Anacostia Freeway Bridges over Nicholson Street SE

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

H Street Bridge over Amtrak

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

Monroe Street, NE Bridge over CSX & WMATA

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

Rehabilitation of 14th Street, SW Bridge over Streetcar Terminal

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)

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)

6417 Agency ID: Title: Rehabilitation of K Street NW Bridge, over Whitehurst Freeway Ramp (Bridge No. 1304)

Roadway and Bridge Improvement on Southern Avenue and Winkle Doodle Branch Bridge

5353 Agency ID: ED028A Title: Roadway and Bridge Improvement on Southern Avenue and Bridge #64 (over Winkl

Enhancement

Transportation Alternatives Program

3210 Agency ID: AF049A Title: Transportation Alternatives Program

ITS

Traffic Operations Improvements Citywide

6283 Agency ID: PM0A4A Title: Managed Lanes

3216 Agency ID: OSS07A, CI060A, CI Title: Traffic Operations Improvements Citywide

Traffic Signal LED Replacement

10/24/2017

DISTRICT OF COLUMBIA FY 2017-2022 TIP PROJECT TYPE INDEX

6115 Agency ID: CI040A Title: Traffic Signal LED Replacement

Other

Arboretum Bridge and Trail

6497 Agency ID: Title: Arboretum Bridge and Trail

Asset Condition Assessment

5323 Agency ID: MNT06A, SR091A Title: Condition Assessment

Cleveland Park Study

6193 Agency ID: PM0D7A Title: Cleveland Park Study

Planning and Management Systems

3213 Agency ID: CAL16C, PM304C, Title: Planning and Management Systems

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

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

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

6097 Agency ID: MRR14A Title: Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridge No. 10

Roadside Improvements Citywide

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

5792 Agency ID: EDOC2A Title: C Street NE Implementation

5308 Agency ID: SR070A, ED070A, Title: Neighborhood Streetscape Improvements

Roadway Reconstruction Citywide

6597 Agency ID: Title: Aspen Street NW Improvements

2965 Agency ID: SR060A MRR11A, S Title: Roadway Reconstruction Citywide

6598 Agency ID: Title: Tenleytown Multi-Modal Access

Safety Improvements

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

3212 Agency ID: CBO, CIO Title: Safety Improvements Citywide

Streetscape

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

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

Traffic Congestion Mitigation

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

Traffic Signal Maintenance

5347 Agency ID: CI046A, CI047A, CI Title: Traffic Signal Maintenance NHPP-STP

Urban Forestry Program

5313 Agency ID: CG311, CG312, CG Title: Urban Forestry Program

TERMs

Transportation Emissions Reduction Measures

3219 Agency ID: ZU022A Title: Commuter Connections Program

Maintenance

Bloomingdale/LeDroit Park Medium Term Flood Mitigation Project

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

10/24/2017

DISTRICT OF COLUMBIA FY 2017-2022 TIP PROJECT TYPE INDEX

Bridge Replacement/Rehabilitation Program

| | | |
|------|---------------------------|--|
| 5342 | Agency ID: CD046A | Title: Approach Bridges to 14th Street Bridge |
| 3202 | Agency ID: CD032C, MNT05A | Title: Bridge Design Consultant Services |
| 5433 | Agency ID: PM094A, CD053A | Title: Bridge management Project/AASHTOWARE |
| 3243 | Agency ID: CD062A | Title: Citywide Consultant Bridge Inspection |
| 5804 | Agency ID: MRR04A | Title: East Capitol St. Bridge over Anacostia River, Br. # 233 |
| 5298 | Agency ID: AF067A | Title: Emergency Transportation Project |
| 5316 | Agency ID: CD062A | Title: Impact Attenuators and Guiderails |
| 6427 | Agency ID: | Title: Kenilworth Terrace Bridge over Watts Branch |
| 3181 | Agency ID: CD066A | Title: Replacement of 31st Bridge, NW over C&O Canal |
| 5337 | Agency ID: CD051A | Title: Replacement of Pedestrian Bridges over Kenilworth Ave |
| 5334 | Agency ID: CD052A | Title: Safety Improvements of Benning Road Bridges over Kenilworth Ave |
| 5346 | Agency ID: CD026 | Title: Theodore Roosevelt Bridge Rehabilitation |
| 6596 | Agency ID: | Title: Theodore Roosevelt Memorial Bridge |

Maintenance of Stormwater management / Best Management Ponds

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|------|--------------------------|--|
| 3242 | Agency ID: CA303C, MNT02 | Title: Maintenance, Rehab and Reconstruction of Stormwater-Hydraulic Structures and FI |
|------|--------------------------|--|

Normanstone/Fulton Street Culvert & LID

| | | |
|------|---------------------|--|
| 6194 | Agency ID: Temp1315 | Title: Normanstone/Fulton Street Culvert & LID |
|------|---------------------|--|

Resurfacing Streets and Freeways Citywide

| | | |
|------|-------------------|---|
| 3215 | Agency ID: SR092A | Title: Federal Aid Pavement Restoration |
| 5339 | Agency ID: SR037A | Title: FY2012 Pavement Restoration - NHPP Streets |

Southwest Freeway Bridgeover South Capitol Street

| | | |
|------|------------|---|
| 6490 | Agency ID: | Title: Southwest Freeway Bridge over South Capitol Street |
|------|------------|---|

Streetlight Asset Mgmt & Streetlight Construction - Federal

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|------|-------------------|---|
| 5439 | Agency ID: AD017A | Title: Citywide streetlight construction |
| 6614 | Agency ID: | Title: Pennsylvania Avenue Streetlight Upgrade from 2nd Street SE to Barney Circle SE |
| 5385 | Agency ID: AD020A | Title: Streetlight Asset Mgmt - Federal |

Streetlight Asset Mgmt & Streetlight Construction - Local

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|------|------------------|--|
| 5350 | Agency ID: AD304 | Title: Streetlight Asset Mgmt & Streetlight Construction - Local |
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Streetlight Upgrade

| | | |
|------|------------|---|
| 6422 | Agency ID: | Title: Mount Pleasant Street Lighting Upgrade |
|------|------------|---|

Systems Maintenance

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|------|----------------------------|--|
| 2699 | Agency ID: CD018A, CD019A | Title: Asset Preservation of Tunnels in the District of Columbia |
| 2927 | Agency ID: CD036A, CD042A, | Title: Citywide FA Preventive Maintenance |

Upgrade and Replacement of Overhead Freeway Signs

| | | |
|------|------------------------|--|
| 6505 | Agency ID: | Title: I-395 Sign Structure Improvements |
| 6609 | Agency ID: CFPID170306 | Title: Interstate Mile Marker Project |
| 6610 | Agency ID: CFPID170319 | Title: Overhead Freeway Sign Maintenance |

Transit

5303/5304 FTA Program

10/24/2017

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

6102 Agency ID: Title: 5303/5304 FTA Program

DC Circulator New Buses for Replacement and Expansion

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

DC Circulator Expansion - Phase I

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

Streetcar

5754 Agency ID: CM080A Title: Benning Road Extension

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

Freight

District Freight Plan

5922 Agency ID: AF081A Title: District Freight Plan

Off-Hours Freight Delivery Pilot Project

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

Planning and Systems Enhancement for Weight Stations

2633 Agency ID: CI029A, CI053A Title: Size and Weight Enforcement Program

Virginia Avenue Tunnel Project

5959 Agency ID: MRR16A Title: Virginia Avenue Tunnel Project

Safety

On-Call Subsurface Pavement Investigation, Engineering

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

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|--|--------|---------|---------|---------|---------|---------|---------|----------|-----------------------------|
| 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.

| | | | | | | | | | | |
|---|-----|---------|--|-------|-------|-------|-------|-------|----------------------------|-------|
| 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: | | | | | | | | | Total Funds: | 5,954 |
| To: | | | | | | | | | | |

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.

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

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|-------------------------|-----|---------|---------|----------|--|--|--|--|--------|
| Facility: Minnesota Ave | STP | 80/20/0 | 1,700 a | 14,000 c | | | | | 14,000 |
|-------------------------|-----|---------|---------|----------|--|--|--|--|--------|

| | | | | | | | | | | |
|----------------------|--|--|--|--|--|--|--|--|---------------------|---------------|
| From: A Street, NE | | | | | | | | | Total Funds: | 14,000 |
| To: Sheriff Road, NE | | | | | | | | | | |

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

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|---|--|--|--|--|--|--|--|--------------------|-----------------|
| TIP ID: 2927 Agency ID: CD036A, CD04 Title: Citywide FA Preventive Maintenance | | | | | | | | Total Cost: | \$44,100 |
|---|--|--|--|--|--|--|--|--------------------|-----------------|

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|-----------|------|---------|--|---------|----------|--|---------|---------|--------|
| 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 |
|---|--|--|--|--|--|--|--|--|-----------------------------|

| | | | | | | | | | | |
|----------------------------|-------|---------|--|----------|----------|---------|--|--|--|--------|
| 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 |
|--|--|--|--|--|--|--|--|--|----------------------------|

| | | | | | | | | | | |
|--|------|---------|--|---------|--|--|--|--|--|-------|
| 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 \$1,000)**

| 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.

**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: 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: | SPR | 80/20/0 | | 175 a | 179 a | 184 a | 188 a | 192 a | 918 | |
| | 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: | | | | | | | | | 63,019 | |

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
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: 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 1,500 c | | | | | 2,000 | |
| | SPR | 80/20/0 | | 7,000 a | 6,200 a 150 e | 5,734 a | 5,872 a | | 24,956 | |
| | STP | 83/17/0 | | | 2,185 a 2,000 e | 1,721 a 1,024 e | 1,785 a 1,049 e | 3,762 a 107 e | 1,392 a 1,100 e | 16,125 |
| | STP 1 | 80/20/0 | | 3,030 a 300 c | 1,000 a | 1,024 a | 1,049 a | 1,074 a | 1,100 a | 8,577 |
| | 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

**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: 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

**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: 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 |
|---|--|--|--|--|--|--|--|--|----------------------------|

| | | | | | | | | | | |
|---------------------------------------|------|---------|---------|---------|--|----------|--|--|----------------------------|--------|
| Facility: Union Station District Line | CMAQ | 80/20/0 | 400 a | 3,300 c | | 11,000 c | | | | 14,300 |
| From: | | | | | | | | | | |
| To: | | | | | | | | | | |
| | DEMO | 80/20/0 | 1,892 a | 300 a | | | | | | 300 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | Total Funds: 14,600 | |

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 |
|--|--|--|--|--|--|--|--|--|-----------------------------|

| | | | | | | | | | | |
|-----------------------------------|------|---------|---------|--|----------|--|--|--|----------------------------|--------|
| 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: |
|--|--|--|--|--|--|--|--|--|--------------------|

| | | | | | | | | | | |
|--------------------|------|---------|-------|---------|---------|---------|---------|--|---------------------------|-------|
| 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)

**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: 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.

**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: 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: | DEMO | 80/20/0 | 103,918 c | | | | | | |
| From: N St, MLK Ave, Suitland Pkwy, Memorial Bri | | | | | | | | | |
| To: | GARVEE | 80/20/0 | 48,690 c | 84,270 c | 76,330 c | | | | 209,290 |
| | NHPP | 80/20/0 | 12,300 c | 12,300 c | | | | | 24,600 |
| | State | 0/100/0 | 53,620 c | 34,420 c | 16,700 c | 41,984 c | 85,878 c | | 178,982 |
| | | | | | | | | | Total Funds: 412,872 |

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.

**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: 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 |
|--|--|--|--|--|--|--|--|--|-----------------------------|

| | | | | | | | | | |
|--------------------|--------|---------|-------|-------|-------|-------|-------|-------|---------------------------|
| 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 |
|--|--|--|--|--|--|--|--|--|----------------------------|

| | | | | | | | | | |
|---|------|---------|---------|---------|--|--|--|--|---------------------------|
| 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.

**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: 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: | State | 0/100/0 | 1,569 a | 1,000 a | 1,400 a | 2,048 a | 2,097 a | 2,147 a | 2,199 a | 10,891 |
| Total Funds: | | | | | | | | | 13,589 | |

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 | 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.

**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: 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 |
| | | | | 6,000 c | | | | | |
| 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 | 32,786 |
| From: | | | | | | | | | |
| 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.

**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: 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

| | | | | | | | | | | | | | |
|---------------------|----------|-------|-------------------------|--|--|---|---------|---------|---------|---------|-----------------------------|---------|--------|
| TIP ID: 5350 | | | Agency ID: AD304 | | | Title: Streetlight Asset Mgmt & Streetlight Construction - Local | | | | | Total Cost: \$10,500 | | |
| Facility: | Citywide | State | 0/100/0 | | | 4,836 a | 300 a | 9,000 c | 9,216 c | 9,437 c | 6,979 c | 7,147 c | 50,479 |
| From: | | | | | | 60,789 c | 8,400 c | | | | | | |
| To: | | | | | | | | | | | | | |
| | | | | | | | | | | | Total Funds: 50,479 | | |

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.

**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: 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 | Previous Funding | FY 2017 | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | Source Total |
|---|------------|------------------|---------|---------|---------|---------|----------|---------|--------------------|
| TIP ID: 5385 Agency ID: AD020A Title: Streetlight Asset Mgmt - Federal | | | | | | | | | Total Cost: |
| Facility: Citywide | NHPP | 83/17/0 | | 1,132 c | 4,786 c | 2,959 c | 3,030 c | 3,102 c | 15,009 |
| 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 |
| | STP 1 | 80/20/0 | | 5,383 c | | | | | 5,383 |
| Total Funds: | | | | | | | | | 54,363 |

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
- l) Citywide Streetlight P3**

| Source | Fed/St/Loc | Previous Funding | FY 2017 | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | Source Total |
|---|------------|------------------|---------|---------|---------|---------|---------|---------|----------------------------|
| 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 |
| | 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: | NHPP | 83/17/0 | | | 7,168 a | | 42,413 c | 33,535 c | 83,116 |
| | State | 0/100/0 | 5,400 a | 23,614 c | 1,000 a | | 7,000 c | 26,500 c | 63,114 |
| | | | | | | | | 5,000 e | |
| Total Funds: | | | | | | | | | 146,230 |

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: | NHPP | 80/20/0 | | 7,500 a | | | | | 7,500 |
| | State | 0/100/0 | 4,250 a | | 1,000 a | 5,120 a | | | 6,120 |
| | | | 7,000 c | | | | | | |
| Total Funds: | | | | | | | | | 13,620 |

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 | NHFP | 80/20/0 | | 130 a | | 136 a | | 143 a | 409 |
| From: | | | | | | | | | |
| To: | STP | 80/20/0 | 600 a | 150 a | | | | | 150 |
| Total Funds: | | | | | | | | | 559 |

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 | HSIP | 80/20/0 | 2,000 a | 1,000 a | | | | | 6,750 |
| From: | | | | 5,750 c | | | | | |
| To: | NHPP | 83/17/0 | | | 1,400 a | 2,048 c | | | 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 | PRIV | 0/0/0 | 202,900 c | 1,200 c | 1,200 c | | | | 2,400 |
| From: | | | | | | | | | |
| To: | | | | | | | | | |
| 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 | STP | 80/20/0 | 2,300 a | 3,300 c | | | | | 3,300 |
| From: 2nd Street NE | | | | | | | | | |
| To: 15th Street NE | STP 1 | 83/17/0 | | | 19,300 c | | | | 19,300 |
| 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: | | | | | | |
| Facility: | NHPP | 83/17/0 | | | 15,053 c | 24,432 c | 27,488 c | 28,147 c | 95,120 |
| From: | | | | | | | | | |
| To: | | | | | | | | | |
| 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 | NHPP | 80/20/0 | 1,000 a | | | | | | | |
| From: North Capitol Street | | | | | | | | | | |
| To: 3rd Street NE | State | 0/100/0 | 9,000 a | 14,250 c | 68,096 c | 121,111 c | | | 203,457 | |

Total Funds: 203,457

Description: Conduct environmental assessments. Prepare concept designs, design plans and specifications and construct documents for bridge replacement/rehabilitation. Includes work on the H Street NE Bridge from North Capitol St. to 3rd St. NE. The bridge will be reconstructed to accommodate the H/Benning Streetcar Line, allow for Amtrak to increase its capacities in its Union Station rail yard, and allow for development of the air rights above the rail yard.

| | | | | | | | | | | |
|---|------|---------|---------|----------|--|--|--|--|-----------------------------|--|
| TIP ID: 6082 Agency ID: MRR15A Title: Anacostia Freeway Bridges over Nicholson 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: | 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: | State | 0/100/0 | 46,253 e | 17,600 e | | 7,100 e | | | 24,700 |
| From: | | | | | | | | | |
| To: | | | | | | | | | Total Funds: 24,700 |

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

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

| | | | | | | | | | |
|-----------|------|---------|---------|--|--|----------|--|--|----------------------------|
| Facility: | CMAQ | 80/20/0 | 1,700 a | | | 11,264 c | | | 11,264 |
| From: | | | | | | | | | |
| To: | | | | | | | | | Total Funds: 11,264 |

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

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

| | | | | | | | | | | |
|-----------|--------|---------|---------|-------|-------|---------|---------|---------|---------------------------|-------|
| 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 |
|--|--|--|--|--|--|--|--|--|----------------------------|

| | | | | | | | | | | |
|-----------|--|-----|---------|-------|---------|--|--|--|-------|---------------------------|
| 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 |
|--|--|--|--|--|--|--|--|--|-----------------------------|

| | | | | | | | | | | |
|-----------|--------------------|--------|---------|-------|---------|---------|--|----------|----------------------------|--|
| 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: Bloomingdale/LeDroit Park Medium Term Flood Mitigation Project | | | | | | | | | Total Cost: \$10,000 |

| | | | | | | | | | |
|-------------------------------------|-------|---------|---------|---------|---------|--|--|--|---------------------------|
| Facility: Bloomingdale/LeDroit Park | 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 Bloomingdale and LeDroit Park communities, per the Mayor's Task force on Bloomingdale/LeDroit Flood Mitigation Report.

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--------------------|
| TIP ID: 6193 Agency ID: PM07A 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 | FLAP | 100/0/0 | | 1,500 c | | | | | 1,500 |
| From: Fulton Street | | | | | | | | | |
| To: 34th Street | State | 0/100/0 | 2,200 c | 600 c | | | | | 600 |
| | | | | | | | | | 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 Streetscape | | | | | | | | | Total Cost: \$20,596 |
|---|--|--|--|--|--|--|--|--|-----------------------------|

| | | | | | | | | | |
|------------------------------|-------|---------|---------|---------|--|----------|--|--|----------------------------|
| Facility: Florida Avenue, NE | STP | 80/20/0 | 1,000 a | 1,000 a | | | | | 1,000 |
| From: 1St Street, NE | | | | | | | | | |
| To: H Street, NE | STP 1 | 83/17/0 | | | | 18,596 c | | | 18,596 |
| | | | | | | | | | Total Funds: 19,596 |

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 \$1,000)**

| 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: | | | | | | | | | Total Funds: 3,300 |
| Description: Design and build a new trail along New York Avenue NE. | | | | | | | | | |

| | | | | | | | | | |
|---|--------|---------|---------|---------|---------|--|--|--|-----------------------------|
| 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 |
|--------------------------------|--|---|--|--|--|--|--|-------------|--|----------------|

| | | | | | | | | | | |
|-----------|-----------------|-----|---------|---------|--|--|--|--|-------|---------------------------|
| 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 |
|--------------------------------|--|---|--|--|--|--|--|-------------|--|----------------|

| | | | | | | | | | | |
|-----------|------------------|-----|---------|---------|---------|--|--|--|-------|---------------------------|
| 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 |
|--------------------------------|--|--|--|--|--|--|--|-------------|--|----------------|

| | | | | | | | | | | |
|-----------|--|------|---------|--|---------|--|--|--|-------|---------------------------|
| 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 |
|--------------------------------|--|--|--|--|--|--|--|-------------|--|----------------|

| | | | | | | | | | | |
|-----------|--|------|---------|---------|--|--|--|--|-------|---------------------------|
| 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 |
|--------------------------------|--|---|--|--|--|--|--|-------------|--|-----------------|

| | | | | | | | | | | |
|-----------|---|------|---------|---------|--|---------|--|--|-------|---------------------------|
| 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: 6427 Agency ID: | | Title: Kenilworth Terrace Bridge over Watts Branch | | | | | | Total Cost: \$3,125 | |
| Facility: Kenilworth Terrace Bridge over Watts Branch | | | | | | | | | |
| From: | | | | | | | | | |
| To: | | | | | | | | | |

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

| | | | | | | | | | |
|--------------------------------|------|--|---------|---------|--|--|--|----------------------------|---------------------------|
| TIP ID: 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.

**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: 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.

| | | | | | | | | | |
|--|------|---------|-------|---|-------|---|--|--|----------------------------|
| 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 |
| 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 |
| 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 |
| 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. 

**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: 6595 Agency ID: | | Title: Pennsylvania Ave NW Streetscape from 17th Street NW to Washington Circle | | | | | | Total Cost: \$17,000 | |
| 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.

| | | | | | | | | | |
|--|------|--|---------|---------|--|---------|--|-----------------------------|--------------|
| TIP ID: 6596 Agency ID: | | Title: Theodore Roosevelt Memorial Bridge | | | | | | Total Cost: \$31,000 | |
| Facility: Theodore Roosevelt Memorial Bridge | NHPP | 90/10/0 | 1,000 a | 2,000 a | | 2,097 a | | | 5,097 |
| From: | | | | | | | | | |
| To: | | | | | | | | | |
| 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 | |
| Facility: Aspen Street NW | STP | 80/20/0 | 500 a | | | | | | 500 |
| From: Georgia Avenue NW | | | | | | | | | |
| To: 16th Street NW | | | | | | | | | |
| Total Funds: | | | | | | | | | 500 |

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

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

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

| | | | | | | | | | |
|--|------|--|--|---------|--|--|--|----------------------------|--------------|
| TIP ID: 6609 Agency ID: CFPID170306 | | Title: Interstate Mile Marker Project | | | | | | Total Cost: \$1,000 | |
| Facility: Citywide | NHPP | 83/17/0 | | 1,000 c | | | | | 1,000 |
| From: | | | | | | | | | |
| To: | | | | | | | | | |
| 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 | |
| Facility: Citywide | NHPP | 83/17/0 | | 600 c | 614 c | 629 c | 644 c | 660 c | 3,147 |
| From: | | | | | | | | | |
| To: | | | | | | | | | |
| 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.

**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: 6611 Agency ID: CFPID160076 Title: Audit and Compliance Total Cost: | | | | | | | | | |

Facility: Citywide STP 83/17/0 1,000 a 1,024 a 1,049 a 1,073 a 1,100 a 5,246

From: _____
To: _____ **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.

| | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| 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 from the 11th Street Bridge project.

| | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| TIP ID: 6614 Agency ID: _____ Title: Pennsylvania Avenue Streetlight Upgrade from 2nd Street SE to Barney Circle SE Total Cost: \$15,575 | | | | | | | | |
|---|--|--|--|--|--|--|--|--|

Facility: Pennsylvania Avenue NHPP 83/17/0 7,115 c 7,460 c 14,575

From: 2nd Street SE _____
To: Barney Circle SE _____ **Total Funds: 14,575**

Description: This project is construction phase. The work includes but not limited to installation of new light poles, light fixtures, wheel chair ramps and underground infrastructures including conduits, cables, manholes, excavation and backfill, pavement restoration

**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 | 30.78 | 38.48 | 8.17 | 10.22 | 76.93 |
| 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 | 5.22 | 6.53 | 9.58 | 11.97 | 0.30 | 0.38 | 25.88 |
| Surface Transportation Program | 89.87 | 112.31 | 81.56 | 97.72 | 168.18 | 201.41 | 94.89 | 113.30 | 524.73 |
| 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 | 194.81 | 228.23 | 450.99 | 529.33 | 376.74 | 438.88 | 1,523.40 |
| 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 | | 46.10 | | 353.59 | | 56.97 | 545.34 |
| State/Local Total: | | 88.68 | | 46.10 | | 353.59 | | 56.97 | 545.34 |
| 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 | 282.73 | 385.42 | 513.41 | 960.92 | 377.28 | 496.50 | 2,455.39 |

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 | 154.25 |
| Primary | 179.83 | 259.21 | 106.56 | 149.47 | 104.14 | 256.09 | 55.20 | 66.50 | 445.72 | 731.27 |
| Secondary | 7.32 | 9.15 | 16.82 | 20.30 | 27.48 | 33.31 | | | 51.62 | 62.76 |
| Bridge | 30.00 | 37.50 | | 14.25 | 14.19 | 206.30 | | | 44.19 | 258.03 |
| Surface Transportation: | 232.17 | 324.63 | 139.25 | 200.12 | 228.05 | 584.11 | 86.11 | 97.47 | 685.56 | 1,206.33 |
| Transit: | 6.42 | 49.99 | 0.42 | 3.28 | 6.79 | 21.94 | 63.04 | 114.45 | 76.67 | 189.65 |
| Bike/Ped: | 8.17 | 9.92 | 11.36 | 14.00 | 23.08 | 28.78 | 1.55 | 1.92 | 44.17 | 54.61 |
| 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 | 2.08 | 3.54 | 0.47 | 0.57 | 0.49 | 0.60 | | |
| 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 | 66.92 | 122.97 | 164.65 | 138.52 | 174.84 | 381.57 | 506.60 |
| Other | 77.42 | 97.26 | 71.66 | 85.37 | 107.02 | 130.93 | 65.39 | 80.75 | 321.50 | 394.30 |
| 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 | 131.81 | 168.15 | 255.60 | 326.23 | 226.70 | 282.82 | 787.47 | 1,005.21 |
| Total Funds: | 420.12 | 612.54 | 282.83 | 385.55 | 513.52 | 961.06 | 377.39 | 496.65 | 1,593.87 | 2,455.79 |