

TRANSPORTATION AND TRANSIT INFRASTRUCTURE

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Transportation & Transit Infrastructure Proposed FY 2017 – 2026 Capital Improvement Program Summary of All Projects

Note: Projects with \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	TOTAL FY 17-26
Fixed Transportation Equipment											
Citywide Parking - Parking Study	150,000	0	0	0	0	0	0	0	0	0	150,000
Citywide Parking - Parking Technologies	0	110,000	200,000	0	400,000	0	0	0	0	0	710,000
Citywide Trans. Mgmt. Tech. - Broadband TSA Communications Link	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Integration	1,918,000	7,000,000	0	0	0	0	0	0	0	0	8,918,000
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	0	900,000
Citywide Trans. Mgmt. Tech. - Transportation Technologies	175,000	250,000	250,000	0	0	0	0	250,000	0	0	925,000
Fixed Transportation Equipment	850,000	1,450,000	850,000	850,000	850,000	850,000	2,350,000	850,000	850,000	850,000	10,600,000
Citywide Transportation Management System (SCOOT/Tdi)	0	0	0	0	0	0	0	0	0	0	0
Fixed Transportation Equipment Total	4,193,000	8,910,000	1,400,000	950,000	1,350,000	950,000	2,450,000	1,200,000	950,000	850,000	23,203,000
High Capacity Transit Corridors											
Route 1 Transitway - Metroway Construction	0	0	500,000	0	0	0	0	0	0	0	500,000
Route 1 Transitway (NEPP)	0	0	500,000	500,000	500,000	0	0	0	0	0	1,500,000
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	0	0	0	210,000	0	2,100,000	2,000,000	15,000,000	0	0	19,310,000
Transit Corridor "C" - West End Transitway	7,000,000	40,000,000	40,000,000	23,400,000	2,600,000	12,100,000	12,500,000	0	0	0	137,600,000
Transit Corridor "C" - Transit Priority	0	0	0	0	0	0	0	0	0	0	0
High Capacity Transit Corridors Total	7,000,000	40,000,000	41,000,000	24,110,000	3,100,000	14,200,000	14,500,000	15,000,000	0	0	158,910,000

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	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	TOTAL FY 17-26
Non-Motorized Transportation											
Backlick Run Multi-Use Paths	0	0	200,000	1,918,000	0	0	0	0	0	0	2,118,000
Bicycle Parking at Metro Stations	350,000	0	0	0	0	0	0	0	0	0	350,000
BRAC Neighborhood Protection Plan	0	0	0	0	0	0	0	0	0	0	0
Cameron & Prince Bicycle & Pedestrian Facilities	0	0	0	0	0	0	0	0	0	0	0
Capital Bikeshare	675,000	699,313	368,174	402,000	350,000	0	0	0	0	0	2,494,487
Complete Streets	830,000	830,000	1,170,000	830,000	830,000	830,000	830,000	830,000	830,000	830,000	8,640,000
Edsall and South Pickett Pedestrian Imprv.	0	0	0	0	0	0	0	0	0	0	0
Holmes Run Greenway	0	0	0	0	0	0	0	0	0	0	0
Mt. Vernon Trail @ East Abingdon	0	0	0	0	0	0	0	0	0	0	0
Old Cameron Run Trail	0	2,095,000	6,000,000	0	0	0	0	0	0	0	8,095,000
Safe Routes to Schools	0	0	0	0	0	0	0	0	0	0	0
Shared-Use Paths	0	300,000	0	300,000	0	300,000	0	300,000	0	300,000	1,500,000
Sidewalk Capital Maintenance	950,000	300,000	600,000	300,000	600,000	300,000	600,000	300,000	600,000	0	4,550,000
Transportation Master Plan Update	0	500,000	0	0	0	0	0	0	0	0	500,000
Van Dorn/Beauregard Bicycle Facilities	0	0	250,000	1,171,000	0	0	0	0	0	0	1,421,000
Wilkes Street Bikeway	0	0	0	0	0	0	0	0	0	0	0
Pedestrian & Bicycle Master Plan Update	0	0	0	0	0	0	0	0	0	0	0
Non-Motorized Transportation Total	2,805,000	4,724,313	8,588,174	4,921,000	1,780,000	1,430,000	1,430,000	1,430,000	1,430,000	1,130,000	29,668,487
Public Transit											
Bus Shelters and Benches	0	270,000	0	0	600,000	0	0	0	0	0	870,000
DASH Bus Fleet Replacements	3,900,000	3,900,000	4,050,000	4,050,000	2,800,000	3,375,000	2,100,000	2,800,000	2,100,000	0	29,075,000
DASH Hybrid Bus and Trolley Battery Pack Replacement	150,000	250,000	300,000	350,000	350,000	400,000	500,000	550,000	450,000	450,000	3,750,000
DASH NEPP Implementation	0	0	0	450,000	750,000	0	0	0	0	0	1,200,000
DASH Real Time Bus Information System	0	0	0	0	0	0	0	0	0	0	0
King Street Metrorail Station Area Improvements	0	0	0	0	0	0	0	0	0	0	0
Landmark Transit Station	0	0	0	0	0	0	600,000	5,400,000	0	0	6,000,000
Potomac Yard Metrorail Station	270,000,000	0	0	0	0	0	0	0	0	0	270,000,000
South Eisenhower Metrorail Station - South Entrance	0	0	0	0	0	0	0	0	0	0	0
Van Dorn Metrorail Station Area Imprv.	1,500,000	800,000	0	0	0	0	0	0	0	0	2,300,000
WMATA Capital Contributions	1,750,000	7,500,000	14,300,000	13,900,000	15,900,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	110,850,000
Public Transit Total	277,300,000	12,720,000	18,650,000	18,750,000	20,400,000	15,275,000	14,700,000	20,250,000	14,050,000	11,950,000	424,045,000

Transportation & Transit Infrastructure Proposed FY 2017 – 2026 Capital Improvement Program Summary of All Projects

Note: Projects with \$0 total funding are active capital projects funded in prior CIPs that do not require additional resources.

	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	TOTAL FY 17-26
Streets & Bridges											
Bridge Repairs	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	300,000	700,000	5,000,000
City Standard Construction Specifications	0	0	0	0	0	0	0	0	0	0	0
East Glebe & Route 1	0	3,000,000	0	0	0	0	0	0	0	0	3,000,000
Eisenhower Avenue Roadway Improvements	0	0	0	0	0	0	0	0	0	0	0
EW & LVD Implementation - High Street Design/Engineering	0	0	0	0	0	0	500,000	0	0	0	500,000
King & Beaufort Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
King/Quaker Lane/Braddock Rd. Intersection	0	0	0	0	0	0	0	0	0	0	0
Madison & Montgomery Reconstruction	0	0	0	0	0	0	0	0	0	0	0
Route 1 @ E. Reed Intersection Improvements	0	0	0	0	0	0	0	0	0	0	0
Seminary Road at Beaufort Street Ellipse	0	3,500,000	16,200,000	16,700,000	0	0	0	0	0	0	36,400,000
Street Reconstruction & Resurfacing of Major Roads	5,300,000	5,300,000	5,500,000	5,500,000	5,500,000	5,500,000	5,000,000	5,300,000	5,300,000	5,300,000	53,500,000
Van Dorn Metro Multimodal Bridge (w/ Eisenhower West)	0	200,000	300,000	0	0	0	0	0	0	0	500,000
Streets & Bridges Total	5,600,000	12,700,000	22,300,000	22,900,000	5,800,000	6,200,000	5,800,000	6,000,000	5,600,000	6,000,000	98,900,000
Total	296,898,000	79,054,313	91,938,174	71,631,000	32,430,000	38,055,000	38,880,000	43,880,000	22,030,000	19,930,000	734,726,487

**Transportation Improvement Program (TIP)
Proposed FY 2017 – 2026 Sources & Uses**

In FY 2012, City Council approved funding equal to 2.2 cents on the base real estate tax rate and additional General Fund cash capital to create a Transportation Improvement Program (TIP) for the purpose of expanding transportation infrastructure and transit options throughout the City. As part of the FY 2015 budget process, as the City realized new revenue from NVTAs 70% and 30% sources, the definition of the TIP was expanded for any transportation related expenditure. Expanding this definition has allowed the City to direct TIP resources toward the maintenance of its existing transportation infrastructure while using the new NVTAs funding, private development contributions, and the continued use of TIP proceeds to advance expanded transportation and transit infrastructure and services throughout the City. The TIP funds capital improvements, operating costs, and debt service on General Obligation Bonds issued in FY 2013. Details of the fund revenues, operating expenditures and capital projects are included below.

Details of Revenues

Transportation Improvement Program (TIP) Revenues	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 17-FY26
TIP Reserved Real Estate Tax Rate	\$8,350,335	\$8,617,546	\$8,893,307	\$9,177,893	\$9,471,586	\$9,774,676	\$10,087,466	\$10,410,265	\$10,743,393	\$11,087,182	\$96,613,649
TIP Cash Capital	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TIP Cash Reprogrammed from Prior Years	\$325,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$325,000
TIP General Obligation Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TIP General Obligation Bonds Reprogrammed from Prior Years	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
Fund Balance Carryover	\$0	\$0	\$176,965	\$0	\$0	\$0	\$570,145	\$403,107	\$420,367	\$925,970	\$2,496,554
Reimbursed TIP Funds (NVTAs)	\$0	\$1,000,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000
Total TIP Revenues	\$9,425,335	\$9,617,546	\$9,470,272	\$9,177,893	\$9,471,586	\$9,774,676	\$10,657,611	\$10,813,372	\$11,163,761	\$12,013,152	\$101,585,203

Summary of Operating Expenditures, Debt Service and Capital Projects

Transportation Improvement Program Expenditure Overview	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 17-FY26
TIP Operating (Current + Expanded)	\$4,947,842	\$4,884,555	\$4,992,156	\$5,438,725	\$5,555,971	\$5,685,599	\$5,807,671	\$5,920,158	\$6,037,234	\$6,112,630	\$55,382,541
TIP Operating - WMATA (Added FY 2016)	\$1,378,028	\$2,774,069	\$2,613,668	\$2,692,228	\$2,286,182	\$2,757,008	\$2,752,419	\$2,747,691	\$2,742,822	\$2,737,807	\$25,481,922
TIP Capital Projects	\$2,500,000	\$1,200,000	\$1,300,000	\$500,000	\$1,100,000	\$250,000	\$1,200,000	\$1,250,000	\$1,000,000	\$1,000,000	\$11,300,000
TIP Debt Service (2013 \$6.75M Bond Issuance)	\$599,466	\$581,957	\$564,449	\$546,940	\$529,432	\$511,923	\$494,415	\$475,156	\$457,735	\$443,798	\$5,205,271
Total TIP Expenditures	\$9,425,336	\$9,440,581	\$9,470,273	\$9,177,893	\$9,471,586	\$9,204,531	\$10,254,504	\$10,393,005	\$10,237,791	\$10,294,236	\$97,369,734

**Transportation Improvement Program (TIP)
Proposed FY 2017 – 2026 Sources & Uses**

Details of Operating Expenditures and Debt Service (Continued)

Transportation Improvement Program (TIP) Projects (Base Operating Beginning FY 2015)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 17-FY26
Capital Bikeshare (Phases I & II)	\$192,850	\$195,743	\$198,679	\$201,659	\$204,684	\$207,754	\$210,871	\$214,034	\$217,244	\$220,503	\$2,064,020
Bus Shelter Maintenance	\$144,232	\$146,395	\$148,591	\$150,820	\$153,082	\$155,378	\$157,709	\$160,075	\$162,476	\$164,913	\$1,543,670
Street Repair Budget	\$721,158	\$731,975	\$742,954	\$754,099	\$765,410	\$776,891	\$788,545	\$800,373	\$812,379	\$824,564	\$7,718,348
DASH Expansion (AT 6, AT8, AT9 expansion implemented)	\$1,632,120	\$1,656,602	\$1,681,451	\$1,706,673	\$1,732,273	\$1,758,257	\$1,784,631	\$1,811,400	\$1,838,571	\$1,866,150	\$17,468,126
Expanded Trolley Operations	\$203,863	\$206,921	\$210,025	\$213,175	\$216,372	\$219,618	\$222,912	\$226,256	\$229,650	\$233,095	\$2,181,886
Transportation Implementation Staff - T&ES Positions	\$199,240	\$205,217	\$211,374	\$217,715	\$224,246	\$230,974	\$237,903	\$245,040	\$252,391	\$259,963	\$2,284,063
Transportation Implementation Staff - DPI Positions	\$440,095	\$453,298	\$466,897	\$480,904	\$495,331	\$510,191	\$525,496	\$541,261	\$557,499	\$574,224	\$5,045,196
Urban Planner III (T&ES G/F) & 0.5 Wayfinding	\$175,894	\$181,171	\$186,606	\$192,204	\$197,970	\$203,909	\$210,027	\$216,327	\$222,817	\$229,502	\$2,016,428
Traffic Engineer (TES)	\$152,760	\$157,343	\$162,063	\$166,925	\$171,933	\$177,091	\$182,403	\$187,876	\$193,512	\$199,317	\$1,751,222
Parking Planner (TES)	\$131,972	\$135,931	\$140,009	\$144,209	\$148,536	\$152,992	\$157,581	\$162,309	\$167,178	\$172,194	\$1,512,911
Indirect Costs to General Fund	\$473,738	\$264,440	\$272,373	\$280,544	\$288,961	\$297,629	\$306,558	\$315,755	\$325,228	\$325,229	\$3,150,455

Transportation Improvement Program (TIP) Projects (Expanded Operating - FY 2017 & Beyond)	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 17-FY26
Capital Bikeshare Expansion Operations (Phase III)	\$160,000	\$164,800	\$169,744	\$174,836	\$180,081	\$185,484	\$191,048	\$196,780	\$202,683	\$208,764	\$1,834,221
DASH Expansion (AT 1 peak improvements)	\$319,921	\$324,720	\$329,591	\$334,534	\$339,552	\$344,646	\$349,815	\$355,063	\$360,389	\$365,794	\$3,424,025
DASH Bus Future Expansion (AT8 and AT1 Weekend Headways)	\$0	\$0	\$0	\$346,774	\$351,976	\$357,255	\$362,614	\$368,053	\$373,574	\$346,775	\$2,507,021
Trail Maintenance	\$0	\$0	\$10,000	\$10,000	\$20,000	\$40,000	\$50,000	\$50,000	\$50,000	\$50,001	\$280,001
King Street Station Operations	\$0	\$60,000	\$61,800	\$63,654	\$65,564	\$67,531	\$69,556	\$69,556	\$71,643	\$71,643	\$600,947
TIP Operating Costs (Current + Expanded)	\$4,947,842	\$4,884,555	\$4,992,156	\$5,438,725	\$5,555,971	\$5,685,599	\$5,807,671	\$5,920,158	\$6,037,234	\$6,112,630	\$55,382,541

TIP Debt Service	\$599,466	\$581,957	\$564,449	\$546,940	\$529,432	\$511,923	\$494,415	\$475,156	\$457,735	\$443,798	\$5,205,271
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**Transportation Improvement Program (TIP)
Proposed FY 2017 – 2026 Sources & Uses**

Details of Capital Projects

Transportation Improvement Program (TIP) Projects Subsection/Project	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 17-FY26
High Capacity Transit Corridors											
N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Public Transit											
DASH Bus Fleet Replacements (TIP Bonds)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
King Street Metrorail Station Area (TIP Bonds)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
King Street Metrorail Station Area (Reprogrammed TIP Cash)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Van Dorn Metrorail Station Area Improv. (TIP Bonds)	\$750,000	\$0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000
Van Dorn Metrorail Station Area Improv. (Reprogrammed TIP Cash)	\$325,000	\$0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$325,000
WMATA Capital Contributions (TIP Bonds)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WMATA Capital Contributions (TIP Cash)	\$1,100,000	\$750,000	\$750,000	\$500,000	\$1,100,000	\$250,000	\$0	\$0	\$0	\$0	\$4,450,000
Streets & Bridges											
Street Reconstruction & Resurfacing/Major Rd. (TIP Cash)	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$1,000,000	\$1,000,000	\$1,000,000	\$3,700,000
Duke Street Reconstruction (TIP Bonds)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
High Street Construction (TIP Cash)	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$500,000
City Standard Construction Specifications (TIP Cash)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-Motorized Transportation											
Parking Ratio Study (TIP Cash)	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
Old Cameron Run Trail (TIP Bonds)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Van Dorn Multimodal Bridge (TIP Cash)	\$0	\$200,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Mt. Vernon Trail @ East Abingdon (TIP Bonds)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Mt. Vernon Trail @ East Abingdon (TIP Cash)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fixed Transportation Equipment											
Transportation Technologies (TIP Cash)	\$175,000	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$925,000
Transportation Technologies (TIP Bonds)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
City Council Contingency											
Council Contingency for Trans. Commission Priorities (TIP Bonds)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total CIP Transportation Improvement Program	\$2,500,000	\$1,200,000	\$1,300,000	\$500,000	\$1,100,000	\$250,000	\$1,200,000	\$1,250,000	\$1,000,000	\$1,000,000	\$11,300,000

**Northern Virginia Transportation Authority (NVTA) – 30% Funds
Proposed FY 2017 – 2026 Sources and Uses
Revenues, Operating Expenditures, and Capital Projects**

Revenues/Expenditures	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 17 - 26
Revenues											
NVTA 30%	\$6,583,000	\$6,701,494	\$6,822,121	\$6,944,919	\$7,069,928	\$7,197,186	\$7,326,736	\$7,458,617	\$7,592,872	\$7,729,544	\$71,426,416
Fund Balance Carryover		\$0	\$128,494	\$327,615	\$224,534	\$546,462	\$0	\$543,736	\$722,553	\$1,387,421	
Subtotal, Available Revenue	\$6,583,000	\$6,701,494	\$6,950,615	\$7,272,534	\$7,294,462	\$7,743,648	\$7,326,736	\$8,002,353	\$8,315,425	\$9,116,964	\$71,426,416
Capital Details											
DASH Bus Fleet Replacements	\$3,250,000	\$3,250,000	\$4,050,000	\$3,375,000	\$2,125,000	\$2,700,000	\$1,400,000	\$2,100,000	\$1,400,000	\$0	\$23,650,000
WMATA Capital Contributions	\$650,000	\$1,750,000	\$1,000,000	\$1,500,000	\$650,000	\$1,500,000	\$2,250,000	\$2,000,000	\$2,300,000	\$2,300,000	\$15,900,000
Subtotal, Capital Projects	\$3,900,000	\$5,000,000	\$5,050,000	\$4,875,000	\$2,775,000	\$4,200,000	\$3,650,000	\$4,100,000	\$3,700,000	\$2,300,000	\$39,550,000
Operating Details											
Additional WMATA Subsidy (Base Ops)	\$2,683,000	\$1,573,000	\$1,573,000	\$1,573,000	\$1,573,000	\$1,143,648	\$1,573,000	\$1,573,000	\$1,573,000	\$1,573,000	\$16,410,648
Transit Corridor "C" - West End Transitway Operations	\$0	\$0	\$0	\$600,000	\$2,400,000	\$2,400,000	\$1,560,000	\$1,606,800	\$1,655,004	\$1,704,654	\$11,926,458
Subtotal, Operating	\$2,683,000	\$1,573,000	\$1,573,000	\$2,173,000	\$3,973,000	\$3,543,648	\$3,133,000	\$3,179,800	\$3,228,004	\$3,277,654	\$28,337,106
Total, Operating & Capital	\$6,583,000	\$6,573,000	\$6,623,000	\$7,048,000	\$6,748,000	\$7,743,648	\$6,783,000	\$7,279,800	\$6,928,004	\$5,577,654	\$67,887,106

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