

TRANSPORTATION & TRANSIT

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Transportation & Transit

Proposed FY 2018 – FY 2027 Capital Improvement Program

Summary of Projects

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

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	TOTAL FY 18 - 27
Transportation											
Fixed Transportation Equipment											
Citywide Parking - Parking Study	0	0	0	0	0	0	0	0	0	0	-
Citywide Parking - Parking Technologies	218,150	352,400	203,079	630,123	450,000	250,000	0	0	0	0	2,103,752
Citywide Trans. Mgmt. Tech. - Broadband TSA Communications Link	0	0	0	0	0	0	0	0	0	0	-
Citywide Trans. Mgmt. Tech. - Intelligent Transportation Systems (ITS) Int	7,108,000	152,000	203,000	223,000	8,000,000	400,000	0	0	0	0	16,086,000
Citywide Trans. Mgmt. Tech. - Traffic Control Upgrade	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
Citywide Trans. Mgmt. Tech. - Transportation Technologies	0	250,000	0	250,000	0	250,000	0	250,000	0	250,000	1,250,000
Fixed Transportation Equipment	1,150,000	850,000	850,000	850,000	850,000	2,350,000	875,000	875,000	900,000	900,000	10,450,000
Fixed Transportation Equipment Total	8,476,150	1,704,400	1,356,079	2,053,123	9,400,000	3,350,000	975,000	1,225,000	1,000,000	1,250,000	30,789,752
High Capacity Transit Corridors											
Route 1 Transitway Fare Payment Technology	0	500,000	500,000	454,491	0	0	0	0	0	0	1,454,491
Transit Corridor "B" - Duke Street (Incl. Duke St Complete St)	0	0	0	0	2,000,000	3,000,000	14,000,000	TBD	TBD	TBD	19,000,000
Transit Corridor "C" - West End Transitway	0	40,000,000	40,000,000	30,400,000	2,600,000	12,100,000	12,500,000	0	0	0	137,600,000
High Capacity Transit Corridors Total	0	40,500,000	40,500,000	30,854,491	4,600,000	15,100,000	26,500,000	TBD	TBD	TBD	158,054,491
Non-Motorized Transportation											
Backlick Run Multi-Use Paths	0	0	0	118,000	2,000,000	4,382,000	0	0	0	0	6,500,000
Bicycle Parking at Metro Stations	0	0	0	0	0	0	0	0	0	0	-
BRAC Neighborhood Protection Plan	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	-
Capital Bikeshare	699,000	368,000	402,000	350,000	400,000	250,000	0	0	0	0	2,469,000
Complete Streets	730,000	1,170,000	830,000	830,000	830,000	830,000	830,000	830,000	680,000	830,000	8,390,000
Holmes Run Greenway	0	0	0	0	0	0	0	0	0	0	-
Holmes Run Trail Connector	800,000	0	0	0	0	0	0	0	0	0	800,000
King Street Ped/Bike Safety Improvements	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000
Mt. Vernon Trail @ East Abingdon	0	0	0	0	0	0	0	0	0	0	-
Old Cameron Run Trail	2,845,000	1,026,000	1,409,000	1,360,000	0	0	0	0	0	0	6,640,000
Safe Routes to Schools	0	0	0	0	0	0	0	0	0	0	-
Seminary / Howard safety improvements	400,000	0	0	0	0	0	0	0	0	0	400,000
Shared-Use Paths	150,000	0	300,000	0	300,000	0	300,000	0	300,000	0	1,350,000
Sidewalk Capital Maintenance	300,000	600,000	300,000	600,000	300,000	600,000	300,000	600,000	300,000	600,000	4,500,000
Transportation Master Plan Update	340,000	0	0	500,000	0	0	0	0	0	0	840,000
Van Dorn/Beauregard Bicycle Facilities	0	250,000	1,171,000	0	0	0	0	0	0	0	1,421,000
Non-Motorized Transportation Total	6,264,000	3,414,000	4,412,000	3,758,000	3,830,000	7,062,000	1,430,000	1,430,000	1,280,000	1,430,000	34,310,000

Transportation & Transit

Proposed FY 2018 – FY 2027 Capital Improvement Program

Summary of Projects

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

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	TOTAL FY 18 - 27
Transportation											
Public Transit											
Bus Shelters and Benches	158,105	152,400	203,079	823,123	500,000	400,000	0	0	0	0	2,236,707
DASH Bus Fleet Replacements	3,250,000	4,050,000	4,050,000	2,800,000	3,375,000	2,100,000	2,100,000	1,400,000	1,400,000	1,400,000	25,925,000
DASH Electronic Fare Payment	0	0	450,000	750,000	0	0	0	0	0	0	1,200,000
DASH Hybrid Bus and Trolley Battery Pack Replacement	100,000	200,000	350,000	350,000	400,000	500,000	550,000	450,000	450,000	450,000	3,800,000
DASH Technology	0	0	0	0	0	600,000	0	0	0	0	600,000
King Street Metrorail Station Area Improvements	0	0	0	0	0	0	0	0	0	0	-
Potomac Yard Metrorail Station	0	0	0	0	0	0	0	0	0	0	-
South Eisenhower Metrorail Station - South Entrance	0	0	0	0	0	0	0	0	0	0	-
Van Dorn Metrorail Station Area Imprv.	931,000	0	0	0	0	0	0	0	0	0	931,000
WMATA Capital Contributions	32,450,000	27,000,000	30,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	26,000,000	271,450,000
Public Transit Total	36,889,105	31,402,400	35,053,079	30,723,123	30,275,000	29,600,000	28,650,000	27,850,000	27,850,000	27,850,000	306,142,707
Streets & Bridges											
Bridge Repairs	500,000	300,000	700,000	300,000	700,000	300,000	1,700,000	1,300,000	1,400,000	2,300,000	9,500,000
City Standard Construction Specifications	0	0	0	0	0	0	0	0	0	0	-
East Glebe & Route 1	3,200,000	1,400,000	0	0	0	0	0	0	0	0	4,600,000
Eisenhower Avenue Roadway Improvements	1,250,000	169,000	0	0	0	0	0	0	0	0	1,419,000
EW & LVD Implementation - High Street Design/Engineering	0	0	0	0	0	500,000	0	0	0	0	500,000
Farrington Connector	0	0	0	0	0	0	500,000	0	0	0	500,000
King & Beauregard Intersection Improvements	1,900,000	0	0	0	0	0	0	0	0	0	1,900,000
King/Quaker Lane/Braddock Rd. Intersection	0	0	0	0	0	0	0	0	0	0	-
Madison & Montgomery Reconstruction	0	0	0	0	0	0	0	0	0	0	-
Seminary Road at Beauregard 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	5,260,000	5,500,000	5,500,000	5,500,000	5,000,000	4,975,000	4,975,000	4,300,000	5,300,000	51,610,000
Van Dorn Metro Multimodal Bridge (w/ Eisenhower West)	200,000	300,000	0	0	10,000,000	TBD	0	0	0	0	10,500,000
Streets & Bridges Total	12,350,000	10,929,000	22,400,000	22,500,000	16,200,000	5,800,000	7,175,000	6,275,000	5,700,000	7,600,000	116,929,000
Grand Total	63,979,255	87,949,800	103,721,158	89,888,737	64,305,000	60,912,000	64,730,000	36,780,000	35,830,000	38,130,000	646,225,950

Transportation Improvement Program (TIP) Proposed FY 2018 – FY 2027 Sources and 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 NVRTA 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 NVRTA 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 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total FY 18-27
TIP Reserved Real Estate Tax Rate	\$8,479,878	\$8,649,476	\$8,822,465	\$8,998,914	\$9,178,893	\$9,362,471	\$9,549,720	\$9,740,714	\$9,935,529	\$10,134,239	\$92,852,298
TIP Cash Capital	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TIP Bonds Reprogrammed from Prior Years	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unprogrammed Prior Year Carryover	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Bikeshare Carryover	\$130,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130,000
Reimbursed TIP Funds (NVRTA)	\$1,000,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000
Total TIP Revenues	\$9,609,878	\$9,049,476	\$8,822,465	\$8,998,915	\$9,178,892	\$9,362,471	\$9,549,720	\$9,740,714	\$9,935,528	\$10,134,239	\$94,382,298

Summary of Operating Expenditures, Debt Service and Capital Projects

Transportation Improvement Program (TIP) Expenditure Overview	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total FY 18-27
TIP Operating (Base + Expanded)	\$5,253,852	\$5,444,415	\$5,897,356	\$6,021,017	\$6,157,102	\$6,295,670	\$6,418,578	\$6,544,141	\$6,672,421	\$6,803,485	\$61,508,036
TIP Operating - WMATA (Added FY 2016)	\$2,774,069	\$1,740,612	\$1,878,169	\$1,098,466	\$2,259,867	\$1,122,386	\$1,655,987	\$1,488,839	\$1,819,308	\$1,650,892	\$17,488,595
TIP Capital Projects	\$1,000,000	\$1,300,000	\$500,000	\$1,350,000	\$250,000	\$1,450,000	\$1,000,000	\$1,250,000	\$1,000,000	\$1,250,000	\$10,350,000
TIP Debt Service (2013 \$6.75M Bond Issuance)	\$581,957	\$564,449	\$546,940	\$529,432	\$511,923	\$494,415	\$475,156	\$457,735	\$443,798	\$429,861	\$5,035,666
Council Contingency for Transportation Commission Priorities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total TIP Expenditures	\$9,609,878	\$9,049,476	\$8,822,464	\$8,998,915	\$9,178,892	\$9,362,470	\$9,549,721	\$9,740,714	\$9,935,528	\$10,134,239	\$94,382,298

Transportation Improvement Program (TIP) Proposed FY 2018 – FY 2027 Sources and Uses

Details of Operating Expenditures

Transportation Improvement Program (TIP) Operating Projects	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total FY 18-27
Capital Bikeshare (Phases I & II)	\$195,743	\$198,679	\$201,659	\$204,684	\$207,754	\$210,871	\$214,034	\$217,244	\$220,503	\$223,810	\$2,094,980
Bus Shelter Maintenance	\$46,395	\$47,091	\$47,797	\$48,514	\$49,242	\$49,981	\$50,730	\$51,491	\$52,264	\$53,048	\$496,553
Metroway Maintenance	\$50,000	\$50,750	\$51,511	\$52,284	\$53,068	\$53,864	\$54,672	\$55,492	\$56,325	\$57,169	\$535,136
Street Repair Budget	\$731,975	\$742,954	\$754,099	\$765,410	\$776,891	\$788,545	\$800,373	\$812,379	\$824,564	\$836,933	\$7,834,123
DASH Expansion (AT 6, AT8, AT9 expansion implemented)	\$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	\$1,894,142	\$17,730,148
Supplemental Trolley Operations	\$206,921	\$210,025	\$213,175	\$216,372	\$219,618	\$222,912	\$226,256	\$229,650	\$233,095	\$236,591	\$2,214,615
Transportation Implementation Staff - DPI Positions	\$365,139	\$376,093	\$387,375	\$398,997	\$410,967	\$423,296	\$435,994	\$449,074	\$462,547	\$476,423	\$4,185,904
Transportation Implementation Staff - T&ES Positions	\$648,045	\$667,486	\$687,511	\$708,136	\$729,380	\$751,262	\$773,800	\$797,014	\$820,924	\$845,552	\$7,429,110
Indirect Costs to General Fund	\$780,149	\$795,752	\$811,667	\$827,900	\$844,458	\$861,347	\$878,574	\$896,146	\$914,069	\$932,350	\$42,520,568
Capital Bikeshare Expansion Operations (Phase III and IV)	\$248,165	\$272,744	\$280,926	\$289,354	\$298,035	\$306,976	\$316,185	\$325,671	\$335,441	\$345,504	\$3,019,000
DASH Expansion (AT 1 peak improvements)	\$324,720	\$329,591	\$334,534	\$339,552	\$344,646	\$349,815	\$355,063	\$360,389	\$365,794	\$371,281	\$3,475,386
DASH Bus Future Expansion (AT8 and AT1 Weekend Headways)	\$0	0	\$346,774	\$351,976	\$357,255	\$362,614	\$368,053	\$373,574	\$379,178	\$384,865	\$2,924,289
Trail Maintenance	\$0	\$10,000	\$10,000	\$20,000	\$40,000	\$60,000	\$61,800	\$63,654	\$65,564	\$67,531	\$398,548
King Street Station Operations	\$0	\$61,800	\$63,654	\$65,564	\$67,531	\$69,556	\$71,643	\$73,792	\$76,006	\$78,286	\$627,833
TIP Operating Costs (Base + Expanded)	\$5,253,852	\$5,444,415	\$5,897,356	\$6,021,017	\$6,157,102	\$6,295,670	\$6,418,578	\$6,544,141	\$6,672,421	\$6,803,485	\$10,445,056

Details of Capital Projects

Transportation Improvement Program (TIP) Projects Capital Subsection	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total FY 18-27
Public Transit											
Bus Shelters and Benches (TIP Cash)	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WMATA Capital Contributions (TIP Cash)	\$750,000	\$750,000	\$500,000	\$1,100,000	\$250,000	\$0	\$0	\$0	\$0	\$0	\$3,350,000
Streets & Bridges											
Street Reconstruction & Resurfacing/Major Rd. (TIP Cash)	\$0	\$0	\$0	\$0	\$0	\$700,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,700,000
High Street Construction (TIP Cash)	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Non-Motorized Transportation											
Van Dorn Multimodal Bridge (TIP Cash)	\$200,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
Fixed Transportation Equipment											
Transportation Technologies (TIP Cash)	\$0	\$250,000	\$0	\$250,000	\$0	\$250,000	\$0	\$250,000	\$0	\$250,000	\$1,250,000
Total CIP Transportation Improvement Program	\$1,000,000	\$1,300,000	\$500,000	\$1,350,000	\$250,000	\$1,450,000	\$1,000,000	\$1,250,000	\$1,000,000	\$1,250,000	\$10,350,000

Northern Virginia Transportation Authority (NVTA) – 30% Funds Proposed FY 2018 – FY 2027 Sources and Uses Revenues, Operating Expenditures, and Capital Projects

Revenues/Expenditures	Proposed FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total FY 18 - 27
Revenues											
NVTA 30%	\$6,813,000	\$6,935,000	\$7,060,000	\$7,187,000	\$7,316,000	\$7,448,000	\$7,582,000	\$7,719,000	\$7,858,000	\$7,999,000	\$73,921,000
Fund Balance Carryover	\$0	\$0	\$312,000	\$924,000	\$1,363,000	\$434,000	\$1,112,000	\$1,398,000	\$2,142,000	\$1,944,000	\$9,629,000
Subtotal, Available Revenue	\$6,813,000	\$6,935,000	\$7,372,000	\$8,111,000	\$8,679,000	\$7,882,000	\$8,694,000	\$9,117,000	\$10,000,000	\$9,943,000	\$83,546,000
Capital Details											
DASH Bus Fleet Replacements	\$3,250,000	\$4,050,000	\$3,375,000	\$2,125,000	\$2,700,000	\$1,400,000	\$2,100,000	\$1,400,000	\$1,400,000	\$1,400,000	\$23,200,000
WMATA Capital Contributions	\$1,200,000	\$1,000,000	\$1,500,000	\$650,000	\$1,500,000	\$2,250,000	\$2,000,000	\$2,300,000	\$2,300,000	\$2,300,000	\$17,000,000
Subtotal, Capital Projects	\$4,450,000	\$5,050,000	\$4,875,000	\$2,775,000	\$4,200,000	\$3,650,000	\$4,100,000	\$3,700,000	\$3,700,000	\$3,700,000	\$40,200,000
Operating Details											
WMATA Subsidy	\$2,363,000	\$1,573,000	\$1,573,000	\$1,573,000	\$1,573,000	\$1,573,000	\$1,573,000	\$1,573,000	\$1,573,000	\$1,573,000	\$16,520,000
Transit Corridor "C" - West End Transitway Operations	\$0	\$0	\$0	\$2,400,000	\$2,472,000	\$1,547,000	\$1,623,000	\$1,702,000	\$2,783,000	\$2,866,000	\$15,390,000
Subtotal, Operating	\$2,363,000	\$1,573,000	\$1,573,000	\$3,973,000	\$4,045,000	\$3,120,000	\$3,196,000	\$3,275,000	\$4,356,000	\$4,439,000	\$31,913,000
Total, Operating & Capital	\$6,813,000	\$6,623,000	\$6,448,000	\$6,748,000	\$8,245,000	\$6,770,000	\$7,296,000	\$6,975,000	\$8,056,000	\$8,139,000	\$72,113,000

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