

# Transportation Program Overview

## Introduction

The Transportation Overview section describes the programs and projects operated by the Fairfax County Department of Transportation, and the multiple sources of funds that support these activities.

## Mission

To plan, coordinate and implement a multimodal transportation system for Fairfax County that moves people and goods, consistent with the values of the community. The department's vision is that in the twenty-first century, Fairfax County will have a world-class transportation system that allows greater mobility of people and goods and enhances the quality of life.

Staff associated with the various divisions are reflected in the General Fund Department of Transportation (Volume 1), as well as in Fund 40010, County and Regional Transportation Projects (Volume 2), and Fund 40000, County Transit Systems (Volume 2).

## Focus

Fairfax County Department of Transportation (FCDOT) coordinates and oversees all transportation-related projects, programs, and issues for Fairfax County, except human service transportation. Activities primarily include managing capital projects, providing public transportation and providing technical staff support on policy issues to members of the County's Board of Supervisors who sit on various regional transportation groups, including the Washington Metropolitan Area Transit Authority (WMATA), the Virginia Railway Express (VRE), the Northern Virginia Transportation Authority (NVTA), the Northern Virginia Transportation Commission (NVTC), and the National Capital Region Transportation Planning Board (TPB). FCDOT also provides recommendations on technical and policy issues to the Board of Supervisors and the County Executive regarding transportation legislation before the Virginia General Assembly and the U.S. Congress.

The County directs a significant portion of transportation funding toward improvements to public transportation, including \$110 million in bond funding approved by the voters in 2007, and another \$100 million in bond funding approved by the voters in Fall 2014, for transportation and pedestrian projects, as well as annual funds from the County's commercial and industrial real estate tax, which are accounted for in Fund 40010, County and Regional Transportation Projects. The commercial and industrial tax was authorized through the Transportation Funding and Reform Act of 2007 (House Bill 3202), providing the opportunity to significantly advance transportation improvements and pedestrian access. The Board of Supervisors approved a rate of \$0.11 per \$100 assessed value in FY 2009; however, this rate increased to \$0.125 per \$100 of assessed value as part of the FY 2014 budget. At the 12.5 cent level, this is expected to generate approximately \$61.2 million for capital and transit projects in FY 2020.

Additional revenues are also available in Fund 40010 as a result of the State Transportation funding plan approved by the General Assembly in 2013 (HB 2313). The increased funding will be available for transportation on both a regional and statewide basis. By increasing the commercial and industrial real estate tax rate to \$0.125 per \$100 of assessed value, the County meets the requirements for HB 2313 that this tax rate be adopted at the maximum allowable rate to receive 30 percent of the new regional transportation funds collected in the County. This 30 percent, equal to approximately \$35 million in FY 2021, will be available directly to the County (and is required to be accounted for in a dedicated transportation fund) for local roadway and transit projects. The other 70 percent is being allocated for transportation projects by the Northern Virginia Transportation Authority (NVTA). HB 2313 requires that each locality's total long-term benefit from these funds be approximately equal to the proportion of the fees and taxes received attributable to that locality. Thus, the County could reasonably expect to benefit from approximately \$119 million in regional transportation revenues in FY 2021.

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The County also provides annual funding for its allocated portion of the WMATA and the VRE operating and capital budgets, and for the operating costs and buses associated with Fairfax Connector bus operations. Details on the County's various transportation programs and funding may be found in Volume 2 under the following Funds:

- **30000, Metro Operations and Construction** - Contains the funding provided by Fairfax County to pay the County's allocated portion of the Washington Metropolitan Area Transit Authority's (WMATA) operating and capital budget. The County subsidizes Metrorail, Metrobus, and MetroAccess (paratransit) service, contributes to construction costs associated with the 117-mile Metrorail system, and contributes to the repair, maintenance, rehabilitation, and replacement of capital equipment and facilities for the Metrobus, Metrorail and MetroAccess systems. The County meets its Metro operating and capital subsidy through a General Fund transfer, General Obligation bonds, applied State Aid, Gas Tax receipts and interest earnings on State Aid balances.
- **30040, Contributed Roadway Improvements** – Created specifically to account for proffered developer contributions received for roadway and transportation improvements throughout the County. Developer contributions are based on the developer rate schedule for road improvements in the Fairfax Center, Centreville, and Tysons areas, as well as Tysons-Wide Developer Contributions and Tysons Grid of Streets Contributions. These Tysons area contributions will address the traffic impact of new development associated with growth resulting from the Board's adoption of a new Comprehensive Plan for Tysons. The rate schedule is revised periodically by the Board of Supervisors based on the Consumer Price Index.
- **30050, Transportation Improvements** - Supports the land acquisition, design and construction of County transportation improvements. During the 1981 Session of the Virginia General Assembly, legislation was approved enabling counties with a population over 125,000 to undertake secondary roadway improvements using General Obligation bonds or General Fund revenues. Prior to this action, the construction and maintenance of all roadways in Fairfax County had been the exclusive responsibility of the Virginia Department of Transportation (VDOT). The existing road bond program is supported by General Obligation bonds approved by the voters in November 2007 and November 2014. These bond referenda support pedestrian, bicycle, and roadway improvements, all designed to improve capacity, enhance safety and accessibility, and reduce congestion.
- **40000, County Transit Systems** - Provides funding for operating and capital expenses for the Fairfax Connector bus system. The Fairfax County Department of Transportation (FCDOT) manages, oversees, and coordinates the activities of the Fairfax Connector bus system, which in FY 2019 operated 90 routes providing primarily intra-county service and access to Metrorail stations serving County residents. The system includes an authorized fleet of 312 buses.

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- **40010, County and Regional Transportation Projects** - Supports the County's implementation of new transportation projects and is funded by the commercial and industrial real estate tax rate of \$0.125 per \$100 of assessed value and Northern Virginia Transportation Authority (NVTA) local tax revenues. The taxing authority for commercial and industrial real property was authorized under the Transportation Funding and Reform Act of 2007 (HB 3202), approved by the Virginia General Assembly on April 4, 2007, and implemented by the Board of Supervisors as part of the FY 2009 Adopted Budget Plan. The NVTA local tax revenues were the result of the State Transportation funding plan approved by the General Assembly in 2013 (HB 2313) and implemented by the Board of Supervisors as part of the FY 2014 Adopted Budget Plan.
- **40110 and 40120, Dulles Rail Phases I and II Transportation Improvement Districts** – Supports Metrorail service that is planned to be extended approximately 23 miles from an area east of West Falls Church station, along the median of the Dulles Connector Road (DCR) through Tysons, then further along the Dulles International Airport Access Highway (DIAAH), through Dulles International Airport, to Route 772 in Loudoun County. The total cost of the Rail to Dulles Project currently is estimated to be \$5.9 billion. Funding is generated by a levy on the commercial and industrial real estate properties in the respective districts with a rate of \$0.09 per \$100 of assessed value for Phase I and \$0.20 per \$100 of assessed value for Phase II.
- **40125, Metrorail Parking System Pledged Revenues** - Established by the Board of Supervisors on November 18, 2014 to collect and disburse funds related to revenue-generating activities at Metrorail parking facilities owned by and located within the County. These funds will be generated from fees paid at these parking facilities and used to pay operating, maintenance and debt expenses of the parking facilities. The parking facility at the Wiehle-Reston East Metrorail Station is owned by the County, and the future parking facilities at the Herndon and Innovation Center Metrorail Stations will also be owned by the County. These facilities were constructed by the County as part of its agreement to participate in the extension of the Metrorail Silver Line for Phase I and Phase II.
- **40180, Tysons Service District** – Part of a multi-faceted approach to funding transportation infrastructure in Tysons. Funding sources are proposed for each of the four major components of the infrastructure: the grid of streets is proposed to be funded primarily by in-kind and per square foot/per unit road fund contributions from developers/landowners; neighborhood and access improvements and transit are proposed to be funded primarily from public sources; and, the Tysons-wide Road Improvements are proposed to be funded primarily by public sources for the projects outside of the boundaries of Tysons and by developer/landowner sources for the improvements inside of Tysons. This fourth category is projected to cost approximately \$506 million in 2012 dollars. Funding for that component is proposed to come from two sources in equal amounts: \$253 million (50 percent) from per square foot/per unit road fund contributions from developers/landowners and \$253 million (50 percent) from a Tysons Service District. A tax rate of \$0.05 per \$100 of assessed value is levied on all property owners within this district to fund the \$253 million contribution.
- **40190, Reston Service District** – Part of a multi-faceted approach to funding transportation infrastructure in Reston and includes a tax rate of \$0.021 per \$100 of assessed value on all properties within the Reston TSAs. Fund will be used primarily to fund improvements to the grid of streets as development occurs within the District.

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- **50000, Federal and State Grants** - Provides reserves for unanticipated and anticipated grants awarded to Fairfax County from federal, state, and other funding sources. The reserves enable Fairfax County to accept grant funding to enhance services provided to the residents of Fairfax County.
- **70000, Route 28 Tax District** - Formed to provide improvements to State Route 28 (Route 28), which connects State Route 7 in eastern Loudoun County to U.S. Route 50 and Interstate 66 in western Fairfax County, running approximately parallel to the County's western border. This District was formed upon landowner petition to accelerate planned highway improvements proposed by the state, which relied primarily on slower pay-as-you-go financing from the Northern Virginia region's share of the State Primary Road Fund allocation. Under the terms of the agreement with the state, the District will fund 75 percent of defined Phase I and Phase II improvements and the state will fund 25 percent. Funding is generated by a levy on the commercial and industrial real estate properties in the district at a rate of \$0.17 per \$100 of assessed value.

FCDOT uses performance measures to assist in determining the effectiveness and efficiency of its programs, processes, and employees. A complete list of performance measures can be viewed at:

<https://www.fairfaxcounty.gov/budget/fy-2021-adopted-performance-measures-pm>

# Transportation Program Overview

## Position Detail

The FY 2021 Adopted Budget Plan includes the following positions:

AGENCY 40, DEPARTMENT OF TRANSPORTATION, GENERAL FUND - 124 Positions			
<b>Administration, Coordination, Funding &amp; Special Projects</b>			
1	Director	1	Geographic Info. Spatial Analyst II
2	Transportation Division Chiefs	1	Geographic Info. Systems Tech.
1	Transportation Planner V	1	Management Analyst IV
2	Transportation Planners IV	3	Financial Specialists II
5	Transportation Planners III	1	Administrative Associate
3	Transportation Planners II	1	Administrative Assistant V
1	Business Analyst IV	2	Administrative Assistants IV
1	Business Analyst III	1	Administrative Assistant III
1	Network/Telecom Analyst II		
<b>Capital Projects, Traffic Engineering and Transportation Design</b>			
2	Division Chiefs	2	Transportation Planners IV
3	Engineers V	7	Transportation Planners III
2	Engineers IV	3	Transportation Planners II
2	Senior Engineers III	1	Transportation Planner I
11	Engineers III	4	Planning Technicians II
2	Engineer Technicians III	1	Administrative Assistant II
<b>Transit Services</b>			
1	Division Chief	1	Communications Specialist III
1	Management Analyst IV	1	Communications Specialist II
2	Transportation Planners V	1	Information Officer II
3	Transportation Planners IV	1	Administrative Assistant III
8	Transportation Planners III	2	Administrative Assistants II
8	Transportation Planners II	1	Planning Aide
<b>Site Analysis and Transportation Planning</b>			
1	Division Chief	9	Transportation Planners III
2	Transportation Planners V	10	Transportation Planners II
3	Transportation Planners IV	1	Transportation Planner I
<b>FUND 40010, COUNTY AND REGIONAL TRANSPORTATION PROJECTS - 56 Positions</b>			
1	Deputy Director	1	Business Analyst III
2	Engineers V	1	Financial Specialist III
2	Engineers IV	1	Management Analyst III
1	Senior Engineer III	1	Senior Right-of-Way Agent
5	Engineers III	1	HR Generalist II
2	Engineering Technicians III	1	Communications Specialist II
2	Transportation Planners V	1	GIS Analyst I
9	Transportation Planners IV	1	Network/Telecom Analyst I
6	Transportation Planners III	2	Administrative Associates
12	Transportation Planners II	1	Planning Technician II
1	Transportation Planner I	2	Administrative Assistants III

# Transportation Program Overview

## CONSOLIDATED FUND STATEMENT

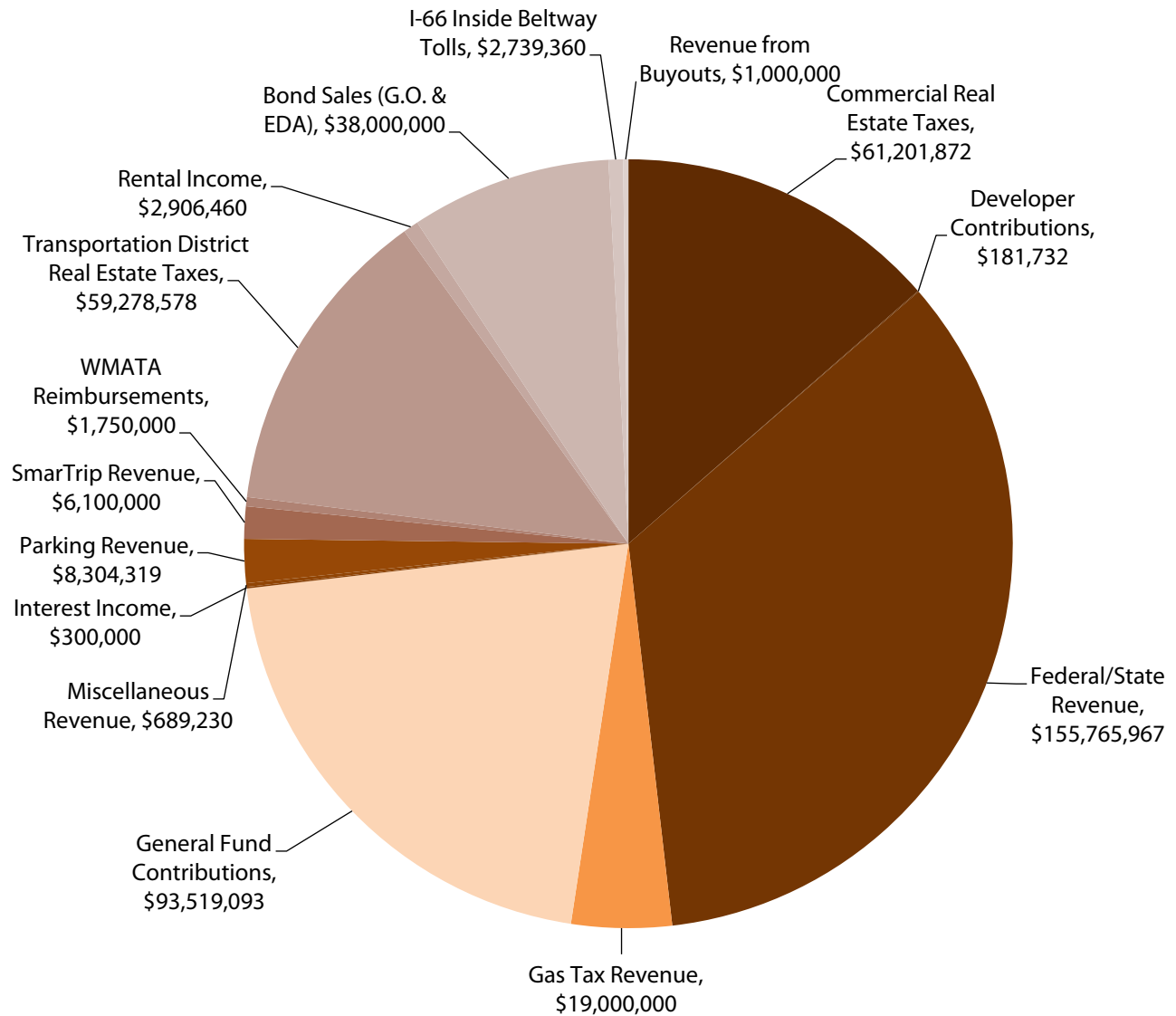
Category	FY 2019 Actual	FY 2020 Adopted Budget Plan	FY 2020 Revised Budget Plan	FY 2021 Advertised Budget Plan	FY 2021 Adopted Budget Plan
<b>Beginning Balance</b>	<b>\$508,938,465</b>	<b>\$181,214,235</b>	<b>\$535,125,882</b>	<b>\$139,545,837</b>	<b>\$134,792,429</b>
<b>Revenue/Transfers In:<sup>1, 2, 3</sup></b>					
Federal/State Revenue	\$165,124,737	\$146,803,985	\$204,602,677	\$151,050,938	\$155,765,967
General Fund Contributions	65,511,503	93,519,093	94,159,016	98,586,406	93,519,093
Transportation District Real Estate Taxes	59,105,398	60,011,266	60,011,266	63,534,207	59,278,578
Commercial Real Estate Taxes	59,709,143	55,979,654	55,979,654	61,201,872	61,201,872
Bond Sales (G.O. & EDA)	31,113,000	25,000,000	215,840,000	38,000,000	38,000,000
Bond Premium	12,801,641	0	0	0	0
Gas Tax Revenue	18,407,371	20,000,000	20,000,000	19,000,000	19,000,000
Parking Revenue	5,840,318	7,853,408	5,830,000	8,304,319	8,304,319
SmarTrip Revenue	5,753,408	6,100,000	6,100,000	6,100,000	6,100,000
Rental Income	2,163,110	2,906,460	2,906,460	2,906,460	2,906,460
I-66 Inside Beltway Tolls	1,320,888	1,598,145	1,598,145	2,739,360	2,739,360
WMATA Reimbursements	1,591,565	1,750,000	1,750,000	1,750,000	1,750,000
Revenue from Buyouts	0	1,000,000	1,000,000	1,000,000	1,000,000
Miscellaneous Revenue	874,393	614,480	1,099,289	689,230	689,230
Interest Income	6,507,826	0	0	300,000	300,000
Developer Contributions	11,727,444	192,152	192,152	181,732	181,732
Transfer from Consolidated County and Schools Debt Service (20000)	12,100,000	0	0	0	0
<b>Total Revenue/Transfers In</b>	<b>\$459,651,745</b>	<b>\$423,328,643</b>	<b>\$671,068,659</b>	<b>\$455,344,524</b>	<b>\$450,736,611</b>
<b>Total Available</b>	<b>\$968,590,210</b>	<b>\$604,542,878</b>	<b>\$1,206,194,541</b>	<b>\$594,890,361</b>	<b>\$585,529,040</b>
<b>Expenditures/Transfers Out:<sup>1, 2, 3</sup></b>					
Personnel Services	\$13,221,114	\$16,527,250	\$16,508,017	\$17,455,265	\$16,491,579
Operating Expenses	230,404,951	258,891,655	275,158,343	268,371,881	268,367,381
Capital Equipment	1,348,970	2,800,000	3,970,907	0	0
Capital Projects	138,128,573	80,863,644	621,459,533	106,198,571	106,548,646
Debt Service	21,184,046	21,181,381	21,181,381	20,070,658	20,070,658
Debt Service Prepayment	0	0	20,000,000	0	0
Payments to Fiscal Agent	11,097,350	12,498,009	12,500,879	13,003,764	12,336,888
Capitalized Interest	3,482,250	0	3,482,250	0	0
Tax District Expenses	39,317	0	960,683	0	0
Recovered Costs	(1,834,287)	(1,827,837)	(1,827,837)	(2,093,664)	(1,827,837)
Construction Payments	16,392,044	0	98,007,956	0	0
<b>Total Expenditures/Transfers Out</b>	<b>\$433,464,328</b>	<b>\$390,934,102</b>	<b>\$1,071,402,112</b>	<b>\$423,006,475</b>	<b>\$421,987,315</b>
<b>Total Disbursements</b>	<b>\$433,464,328</b>	<b>\$390,934,102</b>	<b>\$1,071,402,112</b>	<b>\$423,006,475</b>	<b>\$421,987,315</b>
<b>Ending Balance</b>	<b>\$535,125,882</b>	<b>\$213,608,776</b>	<b>\$134,792,429</b>	<b>\$171,883,886</b>	<b>\$163,541,725</b>

<sup>1</sup>Revenue and expenditures are grouped based on categories that may be different than the designation used in each fund. For a more detailed view, see each transportation-related fund in Volume 2.

<sup>2</sup>Grant funding is not included. For more information about transportation-related grant funding, see Fund 50000, Federal-State Grants, in Volume 2.

<sup>3</sup>Transfers In and Transfers Out between funds supporting transportation are not included since these amounts are offsetting.

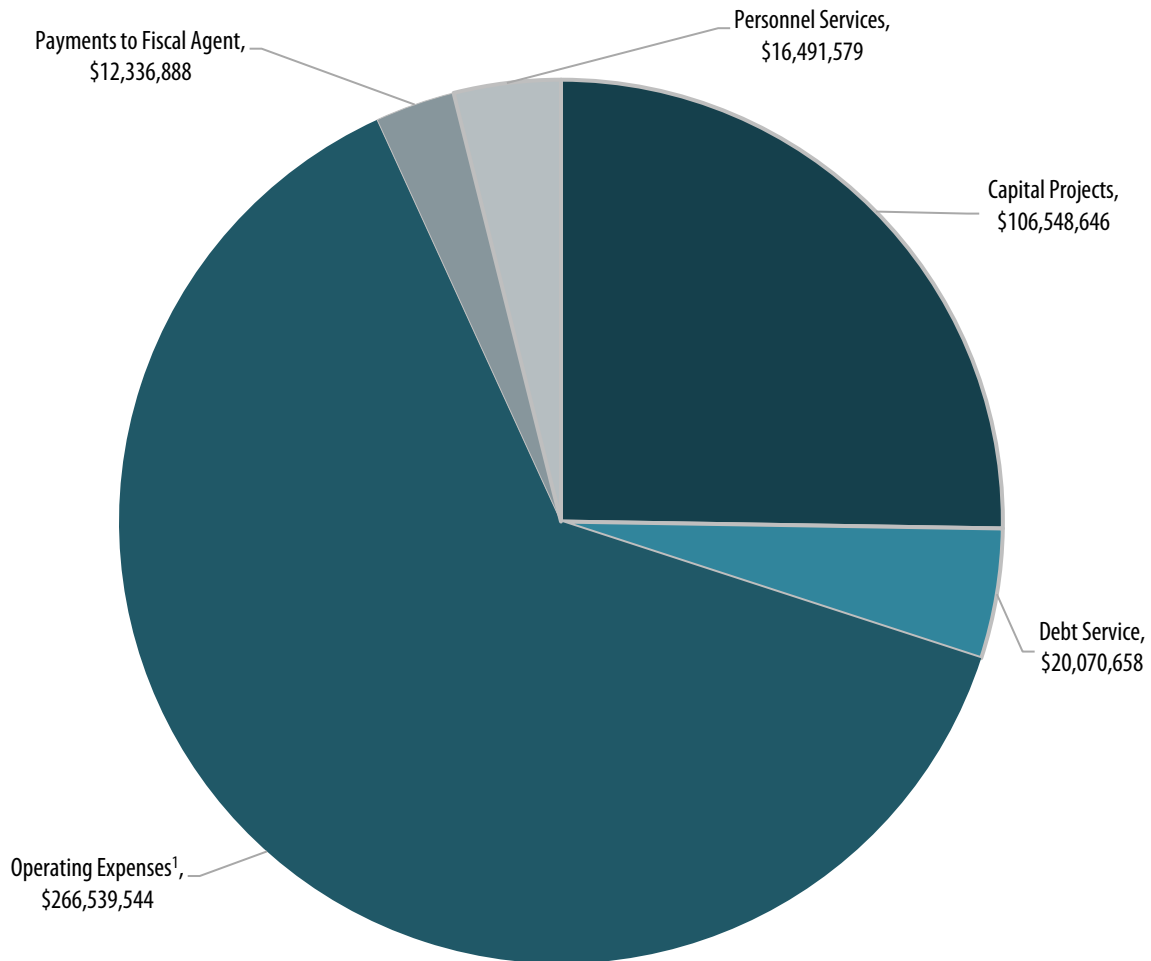
## TRANSPORTATION PROGRAMS FY 2021 SOURCE OF FUNDS



**Total Revenues = \$450,736,611**

Transfers between related funds also support transportation programs. These include transfers from the Contributed Roadway Improvement Fund (30040) to Metro Operations and Construction (30000), transfers from Metro Operations and Construction (30000) and County and Regional Transportation Projects (40010) to County Transit Systems (40000), and transfers from County and Regional Transportation Projects (40010) to Metrorail Parking System (40125). General Fund contributions are provided to Metro Operations and Construction (30000) and County Transit Systems (40000).

## TRANSPORTATION PROGRAMS FY 2021 DISBURSEMENTS



**Total Disbursements = \$421,987,315**

Transfers between related funds also support transportation programs. These include transfers from the Contributed Roadway Improvement Fund (30040) to Metro Operations and Construction (30000), transfers from Metro Operations and Construction (30000) and County and Regional Transportation Projects (40010) to County Transit Systems (40000), and transfers from County and Regional Transportation Projects (40010) to Metrorail Parking System (40125). General Fund contributions are provided to Metro Operations and Construction (30000) and County Transit Systems (40000).

<sup>1</sup> Recovered Costs in the General Fund, representing expenditure reimbursements from a specific project or fund outside of the General Fund, are included within Operating Expenses.