

Legislative Budget Analysis
Proposed FY 2023 Operating and Capital Budgets
Office of the County Auditor
Baltimore County, Maryland
HEARING DATE: May 17, 2022



Department of Public Works and Transportation

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Questions to Department Sent	Monday, April 25
Responses Received	Wednesday, May 4
Analysis considers all agency responses.	

BALTIMORE COUNTY
FISCAL YEAR 2023 BUDGET ANALYSIS

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION (070)

BUDGET SUMMARY
\$ in Thousands

	GENERAL	SPECIAL	TOTAL	% Change Prior Year
PROPOSED CHANGE				
FY 2022 - 2023 Change	\$ 8,353.2	\$ 14,779.4	\$ 23,132.6	18.9%
BUDGET TRENDS				
FY 2021 Actual	\$ 111,363.1	\$ 1,048.7 ⁽¹⁾	\$ 112,411.8	
FY 2022 Approp.	120,732.0	1,697.7	122,429.7	8.9%
FY 2023 Request	129,085.2	16,477.1	145,562.3	18.9%
FY 2023 Budget Analysis	129,085.2	16,477.1	145,562.3	18.9%
POTENTIAL REDUCTIONS	TBD	\$ -	TBD	

For Information Only:

Metropolitan District Enterprise Fund ⁽²⁾

	<u>Total</u>	<u>Increase</u>	<u>% Change Prior Year</u>
FY 2021 Actual	\$ 266,882.0		
FY 2022 Approp.	330,201.8	\$ 63,319.8	23.7%
FY 2023 Proposed	345,936.8	15,735.0	4.8%

⁽¹⁾ Reflects audited expenditures \$10,313 less than the amount reflected in the Executive's budget documents.

⁽²⁾ The self-supporting Metropolitan District Enterprise Fund, which supports operations in this Department and other agencies, is not subject to County Council appropriation.

PERSONNEL

	GENERAL*		SPECIAL	
	FULL-TIME	PART-TIME	FULL-TIME	PART-TIME
PROPOSED CHANGE				
FY 2022 - 2023 Change	21	(3)	0	0
BUDGET TRENDS				
FY 2021 Actual	866	112	16	1
FY 2022 Approp.	877	115	16	1
FY 2023 Request	898	112	16	1
FY 2023 Budget Analysis	898	112	16	1
POTENTIAL REDUCTIONS	TBD	0	0	0
VACANCY DATA				
Positions Vacant as of April 15, 2022 **	136	22	2	1

* Includes positions funded with the Metropolitan District Enterprise Fund. See Appendix B.

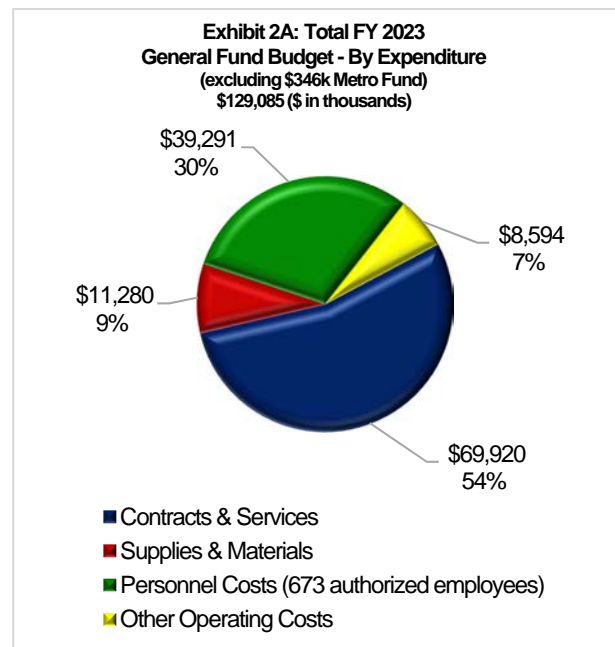
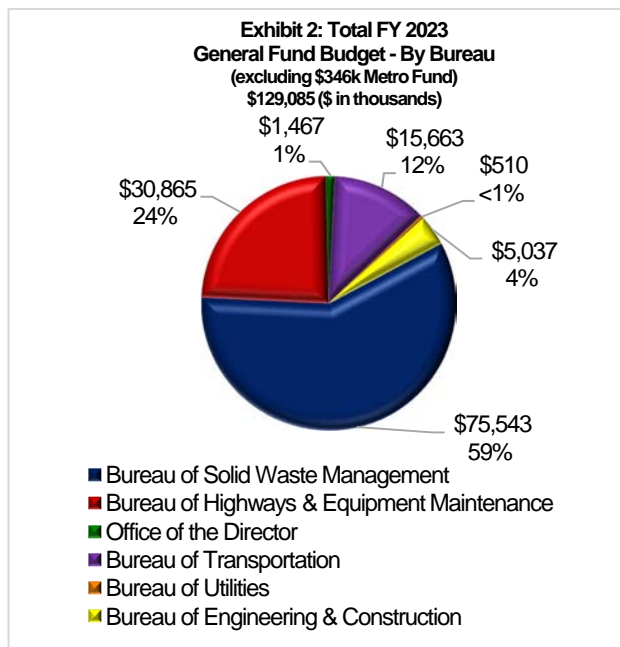
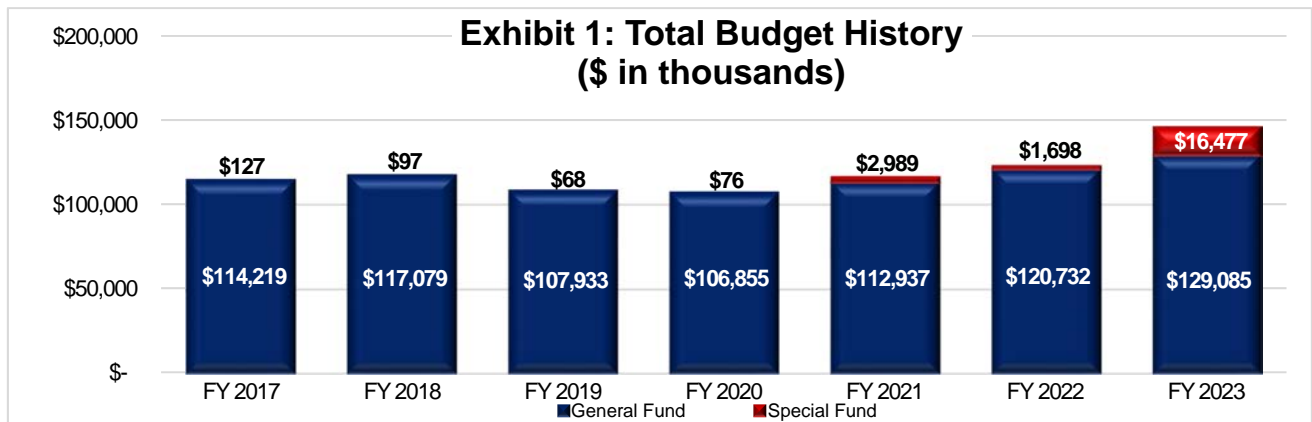
** Provided by the Office of Budget and Finance.

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (070)

BUDGET SUMMARY:

The proposed FY 2023 budget for the Department of Public Works and Transportation totals \$145.6 million, excluding \$345.9 million in Metropolitan District Funds, which the Council does not appropriate. The General Fund portion of the budget totals \$129.1 million and increases by \$8.4 million, or 6.9%, over the FY 2022 budget, primarily due to personnel expenses (e.g., personnel changes including 15 new positions, COLAs, salary review), service contracts (hauler increases, LOOP bus operations), waste disposal (bulk material collection and contractual price increases), professional services (temporary workers), offset by a decrease in office and administrative supplies. The Special Fund portion of the budget totals \$16.5 million and increases by \$14.8 million, or 870.6%, primarily due to the establishment of a \$15 million restricted program to manage funds related to the County’s “Harford County Transfer and Disposal” agreement (prior-year revenues were received by the General Fund).

See Exhibits 1-3 for additional detail.



DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (070)

Exhibit 3			
FY 2023 Proposed Budget (\$ in 000's)			
How Much it Grows:	<u>General Fund</u>	<u>Special Fund</u>	<u>Total</u>
2022 Appropriation	\$ 120,732	\$ 1,698	\$ 122,430
2023 Request	129,085	16,477	145,562
\$ Increase	\$ 8,353	\$ 14,779	\$ 23,132
% Increase	6.9%	870.6%	18.9%
<u>For Information Only: Metropolitan District Enterprise Fund ⁽¹⁾</u>			
2022	\$ 330,202		
2023	345,937		
\$ Increase.....	\$ 15,735		
% Increase.....	4.8%		
 (1) The self-supporting Metropolitan District Enterprise Fund, which supports operations in this Department and other agencies, is not subject to County Council appropriation.			
Where it Goes:			
General Fund:			
Personnel Expenses:			\$ 3,210
Personnel Changes (General Fund portion of salaries).....			986
15 FY 2023 New Positions.....	898		
2 FY 2022 Mid-Year Additions.....	139		
1 FY 2022 Mid-Year Deletion.....	(51)		
Increments & Longevities.....			445
3% COLA effective January 1, 2023.....			382
2% COLA (January 1, 2022 effect).....			271
Salary Review.....			191
Overtime.....			135
Turnover (5.5% to 4.9%).....			36
Other Changes (emp development, footwear/clothing/clean allowances).....			764
 <u>Operating Expenses:</u>			 5,143
Service Contracts.....			2,742
Refuse Collection (refuse hauler contractual price increases).....	1,900		
County Circulator (LOOP bus ops. & maint. previously grant funded).....	1,012		
Snow Removal Service Contracts.....	(170)		
Waste Disposal (bulk material collection and contractual price increases).....			2,210
Motor Fuel (increased fuel costs).....			377
Temporary Workers (increased contractual labor costs due to no inmate labor at the MRF & Refuse Disposal facilities).....			291
Office & Admin Supplies (decreased paving materials and utilization of extended warranties).....			(1,181)
Other Changes.....			995
General Fund Total.....			8,353
Special Fund:			
Harford County Transfer & Disposal.....			15,025
Specialized Transportation Service.....			69
Rural Public Transportation.....			35
Recycling Partnership (one-time grant for optical sorter).....			(350)
Special Fund Total.....			14,779
Total:.....			\$ 23,132

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (070)

POTENTIAL BUDGET REDUCTIONS:

The proposed FY 2023 General Fund budget includes \$898 thousand to add 15 new positions, including 5 for the new Green Infrastructure Division (\$371 thousand) and 6 to expand CountyRide services (\$271 thousand). The Office of Budget and Finance advised that as of April 15, 2022, the Department had 161 vacant positions (72 General Fund) out of 1,009 authorized positions (654 General Fund), with budgeted General Fund salaries totaling \$3.3 million (less budgeted General Fund turnover savings of approximately \$1.7 million). In addition to new ongoing commitments, there are numerous initiatives that reflect discretionary non-recurring use of the General Funds, in the form of projects funded with more than \$18 million in PAYGO contributions to the Capital Budget (including funding for street rehabilitation, roadway resurfacing, traffic calming, etc.; available details of capital projects are provided on page 13 of this analysis). Also, the Department has unallocated funds available from prior-year non-lapsing appropriations. To the extent that the Council deems less funding than proposed to be necessary for the Department's purposes, budget reductions would be viable.

TOPICS FOR DISCUSSION:

1. Personnel

The proposed FY 2023 General Fund budget includes \$39.3 million for personnel expenses, an increase of \$3.2 million, or 8.9%, over the FY 2022 budget, primarily due to the following changes:

- \$986 thousand in personnel changes for:
 - 15 new positions (\$898 thousand General Funds (and \$72 thousand in Metro Funds for certain split-funded positions, as noted)):
 - 5 positions for the New Green Infrastructure Division (\$371 thousand General Funds; \$15 thousand Metro Funds) – for the Bureau of Engineering & Construction, Structural Storm Drain & Highway Design Program (see *discussion topic #3*).
 - 6 positions for CountyRide (\$270 thousand) – for the Bureau of Transportation, Transportation Services Program (see *discussion topic #2*).
 - 1 Management Analyst II (\$83 thousand) – for the Bureau of Transportation, Traffic Planning Program to provide supervision over traffic signal/sign shops and cohesion, organization, and structure between units.
 - 1 Project Manager (\$79 thousand) – for the Bureau of Transportation, Traffic Planning Program to oversee a Transportation Safety Manager (will assist in

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the Vision Zero initiative, which aims to achieve a highway system with no fatalities or serious injuries involving motor vehicle traffic) and the Traffic Calming section; responsible for the planning, development and management of transportation safety-related programs; will develop and implement programmatic standards and policies as well as coordinate with State, federal and local partners.

- 1 Public Information Officer (\$44 thousand General Funds; \$31 thousand Metro Funds) – for the Office of the Director, General Administration Program to manage public information from modern communication platforms.
- 1 Engineer III (\$51 thousand General Funds; \$26 thousand Metro Funds) – for the Bureau of Engineering & Construction, Contracts/Construction Inspections Program to review projects prior to construction to find value engineering opportunities before bid; will review any claims to assist the County with the engineering background to negotiate the claims or eliminate them; and will review construction project schedules to ensure they are compliant with the design and County needs.
- 2 FY 2022 mid-year additions (\$139 thousand):
 - 1 Finance Administrator (\$125 thousand: \$74 thousand General Funds; \$51 thousand Metro Funds) – for the Office of the Director, General Administration Program to coordinate department-wide special projects, including Professional Services Selection Committee (PSSC) and IT projects.
 - 1 Engineer II (\$68 thousand: \$65 thousand General Funds; \$3 thousand Metro Funds) – for the Bureau of Engineering & Construction, Structural, Storm Drain & Highway Design Program to assist on a large amount of bridge and structure projects as needed to maintain federal safety standards for County bridges and structures.
- 1 FY 2022 mid-year deletion for 1 Laborer II (\$51 thousand) – from the Bureau of Highways, General Operations & Maintenance Program
- \$653 thousand – FY 2022 and FY 2023 COLAs
- \$445 thousand – increments and longevities
- \$764 thousand – other changes (employee development, footwear/clothing/cleaning allowances)

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Vacancies, Retention, and Recruitment

As of April 15, 2022, the Office of Budget and Finance advised that of the 1,009 authorized positions (654 General Fund), there were 161 vacant positions (72 General Fund positions). The Department advised that it has experienced significant retention and recruitment challenges, as well as high turnover in job classifications that receive specialized training, such as CDL, primarily because compensation is not competitive with other local jurisdictions. The Department further advised that recruitment timelines associated with pre-employment procedures also create challenges. The Department added that there is only one vacant Bureau Chief position (Solid Waste), which is actively being recruited and interviews have begun with an anticipated hire in FY 2022.

Procurement Centralization

The Department advised that the Bureau of Engineering and Construction is creating a procurement position within the Construction Contracts section using existing vacant positions (10 General/Metro split funded positions and 11 Metro funded positions as of April 15, 2022). The Department further advised that this decision aligns with the Blue Ribbon Procurement Commission's recommendation to reassign the construction procurement personnel responsible for preparing bid documents, advertising projects, and evaluating the bid pricing to the Office of Budget and Finance's Purchasing Division.

The Department should be prepared to discuss:

- ***Its anticipated ability to fill the new/additional positions in light of the significant number of existing vacancies, and the challenges it has been experiencing in filling those;***
- ***Planned recruitment incentives and other strategies for filling positions, as well as the potential impact of the Workday implementation on recruitment timelines;***
- ***Details regarding the Vision Zero initiative, including timetable; and***
- ***How it plans to coordinate its activities with the Purchasing Division.***

2. Transportation

The proposed FY 2023 budget includes \$15.7 million for the Bureau of Transportation, an increase of \$1.9 million, or 13.5%, over the FY 2022 budget primarily due to an increase in the County Circulator Program (\$1.0 million) and the Transportation Services Program (\$428 thousand).

County Circulator

The proposed FY 2023 budget includes \$2.7 million for the County's first fixed-route transit service,

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the Towson Loop (launched in FY 2022), an increase of \$1.0 million, or 61.3%, over FY 2022, primarily to fund service contract costs (Dillions Bus Service) that had been mostly funded by the American Rescue Plan Act (ARPA) grant in FY 2022. The proposed FY 2023 budget also includes pay increases for the Towson Loop's drivers; the Department advised that in order to attract and retain qualified CDL drivers, salaries must be competitive and in line with the salaries of CDL drivers in the Maryland area. The Department advised that on average, the Towson Loop has 100 riders per bus (12 buses, which can hold 25 passengers) per day.

CountyRide

The proposed FY 2023 budget includes \$1.5 million, an increase of \$428 thousand, or 39.3%, over FY 2022, for the CountyRide program, primarily for expanding service hours to Saturdays to capture existing and potential dialysis clients and to provide non-medical trips (\$158 thousand), and the addition of the following 6 new positions (\$270 thousand):

- 3 CountyRide Driver I (\$106 thousand) – more drivers are needed to expand ride hours to Saturdays
- 1 CountyRide Supervisor (\$79 thousand) – provides daily oversight of operations, including driver and staff training; ensuring safety and security policies are followed; maintaining vehicle preventative maintenance; and ensuring schedules are prepared and reviewed
- 1 CountyRide Communications Technician II (\$46 thousand) – prepares drivers' schedules to ensure sufficient coverage; communicates via radio to the drivers; handles emergency accidents/incidents; and prepares vehicle maintenance reports
- 1 CountyRide Communications Technician I (\$39 thousand) – answers phones; provides CountyRide information; processes applications; and inputs, processes, and reports on data

The Department advised that during FY 2022, CountyRide experienced a 42% decrease in ridership due to the COVID-related closings of senior centers and the increase in telehealth medical appointments; however, the Department anticipates ridership will return to pre-pandemic levels in FY 2023 due to vaccines, customers feeling safer, etc.

Truck Traffic

On October 18, 2021, the Council passed Bill 92-21, authorizing the use of vehicle height-monitoring system cameras (up to 7) in Baltimore County to enforce State and local laws. During the Police Department's hearing on May 12, 2022, the Police Chief advised that a meeting on this initiative would

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be held on Monday, May 16, 2022, to identify locations where cameras would be located so procurement of the cameras can begin.

The Department should be prepared to discuss:

- ***The criteria it is using to evaluate the success of the Towson Loop (e.g., average number of daily riders per bus), the appropriate timing for making such an assessment of the program (i.e., how long after the program's commencement date), and the likelihood of any changes to operations in the coming year;***
- ***The estimated cost and timing of pay increases for Towson Loop drivers;***
- ***Its plans for filling the new CountyRide positions;***
- ***Estimated costs and when extended CountyRide service hours will begin; and***
- ***Any updates regarding the implementation of vehicle height-monitoring systems.***

3. Green Infrastructure Division

The proposed FY 2023 budget includes \$386 thousand (\$371 General Funds, \$15 thousand Metro Funds) for five new positions in the newly created Green Infrastructure Division within the Bureau of Engineering & Construction's Structural Storm Drain & Highway Design Program.

- 1 Engineer IV (\$97 thousand General Funds and \$4 thousand Metro Funds) – serve as the Engineering Section Chief; identify and prioritize projects; work closely with the Office of Sustainability and the Department of Environmental Projection and Sustainability (EPS) to ensure coordination of projects; recommend funding for projects; and ensure budgets are appropriately managed
- 1 Engineer III (\$87 thousand General Funds and \$4 thousand Metro Funds) – identify projects, develop scopes and timelines for projects; oversee design outsourcing; and manage implementation of projects
- 1 GIS Specialist II (\$69 thousand General Funds and \$3 thousand Metro Funds) – map data related to the new Division
- 1 Engineer I (\$59 thousand General Funds and \$2 thousand Metro Funds) – assist the Engineer III in developing scopes, reviewing designs outsourced, and manage implementation of projects
- 1 Public Information Officer (\$59 thousand General Funds and \$2 thousand Metro Funds) – communicate and promote the new Green Infrastructure Division

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The Department advised that the Division will plan and implement the County's vision for sustainable infrastructure and climate resiliency. The Department further advised that the Division has been working closely with the Office of Sustainability and EPS on flooding and climate change issues affecting the County and has utilized BC-Stat to map various data sources related to flooding; these data/maps have identified six key flood areas that will require further analysis to determine potential mitigation solutions. The Department advised that the Division will be performing an analysis on each area to determine potential solutions to mitigate flooding, and it anticipates that half of the six key flood areas, based on the results of the analyses, will move forward into design and construction.

The Department should be prepared to discuss:

- ***Its plans for filling the five new Green Infrastructure Division positions;***
- ***The six key flood areas to be studied; and***
- ***The significant capital-funded projects that the Division will manage/oversee.***

4. Waste Disposal and Refuse Collection

The proposed FY 2023 General Fund and Special Fund budgets for waste disposal total \$30.0 million, an increase of \$17.2 million, or 135.3%, over the FY 2022 budget. The Department advised that the increase is primarily due to the bulk collection program (\$835 thousand), hauler contractual price increases (\$665 thousand), and the transfer and disposal of residential solid waste in order to preserve landfill life at the Eastern Sanitary Landfill.

Harford County Transfer & Disposal

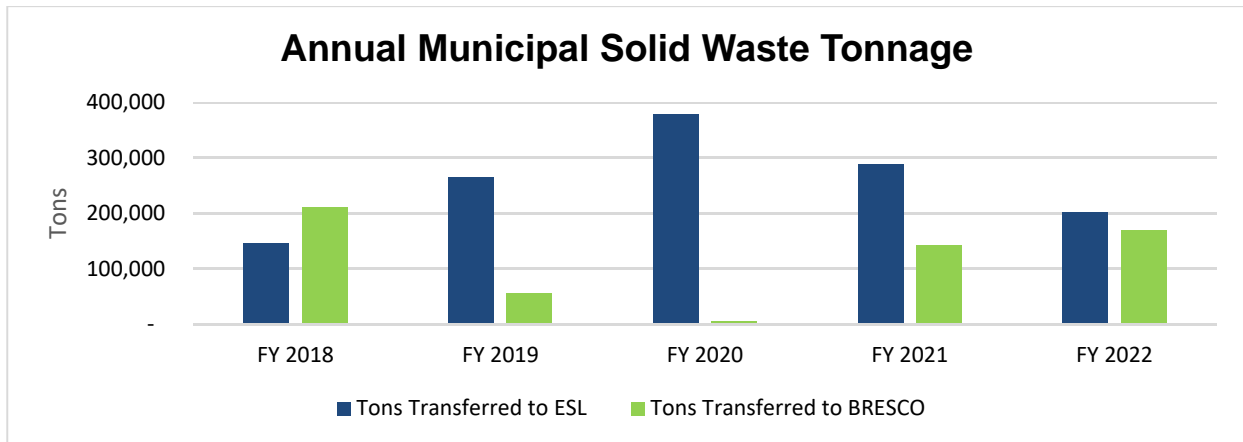
The proposed FY 2023 Special Fund budget totals \$15.0 million, an increase of \$6.2 million, or 69.8%, over the FY 2022 General Fund budget for the transfer of Harford County trash out of the Eastern Sanitary Landfill (ESL) due to the increased cost of disposal. The Department advised that the County's agreement with Harford County requires that Harford County pay for the cost to dispose of its trash. The Department also advised that in FY 2022, Harford County trash is flowing to BRESKO for incineration, whereas, in FY 2023, it will be sent out for disposal via more expensive third-party options. The Department also advised that the new Special Fund program is being established since there are specific sanitary landfill revenues used to cover the related contractual expense. The Department advised that as of April 2022, the County has collected \$9.0 million in revenues.

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Landfill Usage

The Department advised that over the last 5 years, 13.6% of the Eastern Sanitary Landfill's capacity has been consumed, with current capacity at 70.6%. At the current filling rate, the Department anticipates the Landfill will reach capacity by CY 2027. The Department advised that it is currently landfilling in Cells 11 and 12, with no plans to open a new cell in FY 2023.

For FY 2022, the Department projects 202,000 tons of residential trash to be transferred to and landfilled at the ESL – a decrease of 85,783 tons, or 29.8%, from the FY 2021 tonnage. Also in FY 2022, the County expects to transfer 168,610 tons of residential trash to BRESCO for incineration (166,000 tons from Harford County and 2,900 tons from Baltimore County refuse collectors), an increase of 26,653 tons, or 18.8%, over FY 2021 tonnage.



Bulk Material Collection Program

The proposed FY 2023 budget includes \$835 thousand, an increase of \$469 thousand over FY 2022, to continue to provide residents with two pre-scheduled collection days per year for bulk materials (e.g., appliances, household furniture, mattresses). The Department advised that services commenced on January 17, 2022, with collections from approximately 10,000 homes per week; through April 22, 2022, 507 tons of bulk trash and 138 tons of bulk recycling have been collected.

Refuse Collection

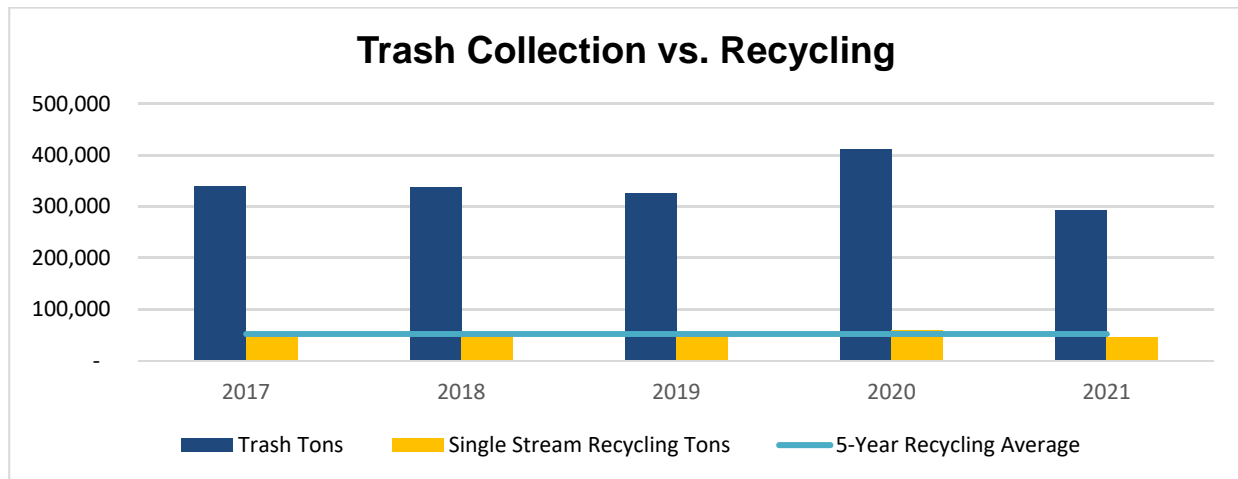
The proposed FY 2023 budget for the Refuse Collection Program totals \$43.0 million, an increase of \$3.6 million, or 9.2%, over the FY 2022 budget, primarily for \$1.9 million in contractual price increases in accordance with the refuse hauler service agreements, and \$1.2 million in yard material collection

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costs transferred from the Recycling Program (to centralize all collection service contract costs).

Trash Collection vs. Recycling

The Department advised that in CY 2021, County residents generated 293,202 tons of trash, a 28.6% decrease from CY 2020, and 46,509 tons of recycling, a 21.4% decrease from CY 2020.



Rat Eradication Program

The proposed FY 2023 budget includes \$1.7 million, an increase of \$300 thousand over FY 2022, to expand the 2nd trash pickup from 27 communities to 29 communities (Turner Station and Day Village/Lyons Homes will be added May 21, 2022 (791 units)) on 13 routes, serving 23,236 units.

The Department should be prepared to discuss:

- ***The history and upcoming plans for disposing of the County's municipal solid waste (tonnages collected, landfilled, sent to BRESKO, sent elsewhere);***
- ***The history and upcoming plans for disposing of the Harford County waste and reasons for diverting the revenue stream from the General Fund to a Special Fund;***
- ***The County's short and long term solid-waste management goals; and***
- ***Recommendations of the Solid Waste Management working group that the County has implemented to date and intends to implement in the upcoming year.***

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5. Recycling

Outreach

The Department advised that it plans to continue the County's multi-dimensional media campaign, primarily for the Zero Waste Education and Outreach Program (\$1.1 million) and the Household Hazardous Waste Program (\$130 thousand); the proposed budgets for both programs reflects level-funding.

Zero Waste Education and Outreach Program

The Department advised that in FY 2022, it used numerous advertising methods to promote the Zero Waste Education and Outreach Program, including:

- Facebook and Instagram ads, County newsletter, blogs, newspaper ads, billboards, print/digital/satellite ads, etc.
- Mailed out trash and recycling collection schedules, magnets, and postcards to approximately 243,000 residents emphasizing the regulation changes (i.e., bulk hauling and allowing larger trash containers) and plans to mail an additional postcard on waste prevention.
- Beginning April 1, 2022, the County switched from plastic to paper bags for yard materials, and offered approximately 388,000 free paper bags to residents, distributing 275,000 paper bags to-date.
- Held a compost bin and rain barrel sale, resulting in the sale of 318 compost bins and 389 rain barrels.
- Presented on recycling and solid waste to six organizations with more than 200 participants.
- Led the County Litter Blitz initiative, which provided 934 trash bags and 491 pairs of gloves to residents; 66 of the 82 registered cleanups have been completed as of April 27, 2022.

Household Hazardous Waste Program

The Department advised that in FY 2022, it began operating a year-round household hazardous waste collection area at the Central Acceptance Facility (CAF) and held single-day collection events at the Eastern Sanitary Landfill (ESL) and Western Acceptance Facility (WAF). The Department further advised that on November 7, 2021, 98 residents attended the event at the WAF; Ecoflow collected 6,145 pounds of household hazardous material, and on April 24, 2022, 241 residents attended the event at the ESL; AVC Environmental collected 6,040 pounds of household hazardous material.

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Recyclables Revenue Market

The proposed FY 2023 budget includes \$7.0 million in estimated revenues from recyclable materials, a decrease of \$2.2 million from FY 2022; FY 2021 actual and FY 2022 estimated (as of May 12, 2022) revenues totaled approximately \$7.0 million and \$9.5 million, respectively. The Department advised that recyclables are commodities subject to significant fluctuations in the market. Therefore, when estimating revenues, the Department errs on the conservative side by using long-term average prices. The Department added that after the COVID-19 pandemic began, the commodities market for recyclables significantly changed (e.g., aluminum cans), and while prices are currently up, there is no guarantee that they will stay at current levels.

The Department should be prepared to discuss the results of these initiatives, and whether the continued investment is expected to maintain or increase residents' participation.

6. Capital Budget and Equipment Financing Packages

Capital Budget

The proposed FY 2023 Capital Budget includes \$36.0 million for the following capital projects.

- Streets & Highways (\$28.0 million)
 - Street Rehabilitation (\$10.1 million)
 - Liberty Road Streetscaping (\$3.8 million)
 - Street Connectivity Program (\$2.6 million) – new program that will focus on cohesive projects that address all issues related to street connectivity and safety in a particular area; primarily focusing on projects that increase safety and access to schools and transit connectivity
 - South Marlyn Avenue (\$1.0 million)
 - Bus Stop Enclosures (\$850 thousand)
 - Tree Removal (\$800 thousand)
 - Eastern Boulevard Streetscape Improvements (\$400 thousand)
 - Eastern Boulevard Maintenance of existing Streetscape (\$350 thousand)
 - Town of Arbutus Streetscaping (\$200 thousand)
 - Mount Gilboa AME Church Road Improvements (\$120 thousand)
 - Roadway Resurfacing (\$5.0 million)
 - Curbs, Gutters & Sidewalks (\$3.5 million)
 - Traffic Calming (\$3.0 million)

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- Honeygo Boulevard/Crossroad Traffic Circle (\$2.0 million) – 3-year project for design, utility relocation, land acquisition and construction
 - Contingency (\$1.0 million)
- Rolling Road (\$2.7 million) – install sidewalk on Rolling Road from Six Point Court to Orchard Avenue (phase two of original Liberty Road to Windsor Mill Road project)
- Seven Mile Lane (\$1.0 million)
- Ingleside Avenue (\$1.0 million)
- Bikeways & Pedestrian Access (\$650 thousand)
 - Baltimore Highlands Trail (\$500 thousand)
 - Sidewalk Survey – Edgemere (\$150 thousand)
- Transportation & Alignment Studies/Site Acquisition (\$500 thousand)
- Pikesville Pedestrian Improvements (\$500 thousand)
- Refuse Disposal (\$6.5 million)
 - Eastern Sanitary Landfill (\$5.0 million) – for maintenance and other projects to ensure compliance with State regulations and provides contingency funding as the County explores options for residential solid waste disposal
 - Texas Landfill Site Maintenance & Updates (\$1.0 million)
 - Western Acceptance Facility Maintenance (\$500 thousand)
- Bridges & Culverts (\$908 thousand)
 - Bridge No. 100 Hammonds Ferry Road
- Storm Drains (\$600 thousand)
 - Resilience & Sustainability – transition fleet vehicles to hybrid and electric (per the Executive Order) and expand the Electric Vehicle (EV) charging network, with 10 ports at the Towson Library garage and Woodlawn Senior Center (funding provides match for State funds for federal EV infrastructure funding to be available this summer)

Equipment Financing Packages

The FY 2022 and FY 2023 Equipment Financing Packages include a total of \$15.7 million for 31 vehicles (e.g., dump truck) and 132 pieces of equipment (e.g., trailer, dumpster, forklift):

Safety & Training (Office of the Director)

- FY 2022 – \$34 thousand (2 pieces of equipment)
- FY 2023 – \$17 thousand (1 piece of equipment)

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Bureau of Engineering & Construction

- FY 2022 – \$85 thousand (4 pieces of equipment)

Bureau of Transportation

- FY 2022 – \$175 thousand (1 vehicle)

Bureau of Highways (includes Equipment Maintenance)

- FY 2022 – \$4.3 million (15 vehicles and 51 pieces of equipment)
- FY 2023 – \$2.6 million (9 vehicles and 45 pieces of equipment)

Bureau of Solid Waste Management

- FY 2022 – \$4.6 million (2 vehicles and 17 pieces of equipment)
- FY 2023 – \$3.9 million (4 vehicles and 12 pieces of equipment)

Supply Chain Disruptions

The Department advised that the COVID-19 pandemic has impacted material and transportation costs, causing increases in negotiated prices and project delays. The Department added that the ripple effect of the pandemic has caused supply chain issues that have had both operational and fiscal impacts during FY 2022. The Department further advised that the most significant issue has been delays in construction projects due to the limited supply of construction materials; the availability of pipe for water, sewer, and drain construction has been very limited, and the lead-time for ordering materials has gone from four to six weeks to as long as six to nine months. The Department also advised that there is an industry-wide shortage of petroleum-based products, such as resins used in the pipeline rehabilitation process; fiscal impacts include the cost of liquid asphalt, which has increased 50% in the last year, and impacts the construction cost of all projects requiring paving work. The Department expects supply chain issues to continue through FY 2023.

The Department should be prepared to discuss the plans/timeframes for commencing and completing these projects and how it is working around the supply chain issues, including decisions to contract out work.

7. Metropolitan District Fund (***The Council does not appropriate this funding***)

The Department's proposed FY 2023 Operating Budget includes \$345.9 million in Metropolitan District Funding, an increase of \$15.7 million, or 4.8%, over the FY 2022 appropriation. The budget includes 6 programs that are 100% Metro funded and 7 programs that are split-funded between the Metropolitan District Fund and the General Fund. The Metropolitan District Financing and Petitions

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Program provides water and sewer assessment and billing services, as well as utility process services to property owners within the County's Metropolitan District so that residents can benefit from public water supply and sanitary sewer disposal.

Positions

The proposed FY 2023 budget includes \$161 thousand in salaries for the following personnel changes:

Increases

- New Metro Customer Service Manager (\$72 thousand) for the Office of the Director, Metro Financing/Petition Processing Program – to supervise and coordinate meter inspection field operations unit to proactively locate and correct meter issues
- 2 FY 2022 mid-year additions – 2 Management Analyst I (\$119 thousand) for the Office of the Director, Metro Financing/Petition Processing Program – to perform data analysis work on water/sewer data to proactively identify and correct meter issues

Decreases

- 1 FY 2022 mid-year deletion for the Bureau of Utilities, Sewer/Water Operation/Maintenance Program – Pipeline Maintenance Worker (\$30 thousand)

Vacancies

As of April 15, 2022, the Office of Budget and Finance advised that of the 161 vacant positions, 86 are Metro Fund positions.

Capital Budget

The proposed FY 2023 Capital Budget includes \$24.0 million for Metropolitan District projects, including \$20.0 million for Sewer System and \$4.0 million for Water System projects for which the Council does not appropriate. The Metropolitan District Fund must be self-sustaining and is financed by user charges (assessed on property tax bills). ***In response to a request for the finalized Metropolitan District rates for FY 2023, the Department advised that the Executive Order with changes to the Metropolitan District charges is currently under review and being routed for approvals and final execution by the County Executive; however, it did not share the details of the draft Executive Order.***

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION (070)

On March 16, 2020, the Council approved a contract with NewGen Strategies and Solutions, LLC to provide a comprehensive business process review of water and sewer services provided by the County and Baltimore City. The Department advised that as a result of the review, Baltimore County and Baltimore City created a subcommittee with assignments from the NewGen observations to implement collaborative changes in the intra-jurisdictional function of the Baltimore water system.

Equipment Financing Packages

The FY 2022 and FY 2023 Equipment Financing Package includes \$3.5 million for 13 vehicles (e.g., dump truck) and 13 pieces of equipment (e.g., backhoe, forklift) for the Metropolitan District.

The Department should be prepared to discuss:

- ***The status of meter issues;***
- ***Details on the subcommittee established with Baltimore City as it relates to NewGen's recommendations; and***
- ***When the new executive order for Metropolitan District rates will be finalized.***

BALTIMORE COUNTY
FISCAL YEAR 2023 BUDGET ANALYSIS

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION (070)

APPROPRIATION DETAIL					
General Fund	FY 2021 ACTUAL	FY 2022 APPROP	FY 2023 REQUEST	NET CHANGE	
Office of the Director				AMOUNT	%
General Administration	\$ 505,122	\$ 852,450	\$ 949,433	\$ 96,983	11.4%
Metro Financing/Petition Processing	54,145	-	-	-	NA
Safety Office	420,227	470,088	517,581	47,493	10.1%
Bureau Total	979,494	1,322,538	1,467,014	144,476	10.9%
Bureau of Engineering & Construction					
General Administration	355,607	469,274	464,401	(4,873)	-1.0%
Structural, Storm Drain, & Highway Design	1,464,329	1,620,457	2,114,918	494,461	30.5%
General Surveying	394,767	433,705	449,870	16,165	3.7%
Contracts/Construction Inspections	1,738,993	1,881,779	2,008,356	126,577	6.7%
Bureau Total	3,953,696	4,405,215	5,037,545	632,330	14.4%
Bureau of Highways & Equipment Maintenance					
General Administration	443,391	721,832	741,747	19,915	2.8%
General Operations & Maintenance	12,085,244	13,928,510	14,506,265	577,755	4.1%
Equipment Maintenance	7,816,928	8,174,573 ^(B)	8,097,779	(76,794)	-0.9%
Storm Emergencies	8,994,926	7,722,032	7,519,120	(202,912)	-2.6%
Bureau Total	29,340,489	30,546,947	30,864,911	317,964	1.0%
Bureau of Solid Waste Management					
General Administration	619,263	738,341	649,584	(88,757)	-12.0%
Refuse Collection	33,756,083	39,415,642	43,025,494	3,609,852	9.2%
Refuse Disposal	23,835,756	20,375,943 ^(B)	23,242,460	2,866,517	14.1%
Recycling	1,928,416	3,465,611	2,263,758	(1,201,853)	-34.7%
MRF Operations	4,503,351	6,147,126 ^(B)	6,361,358	214,232	3.5%
Bureau General Fund Total	64,642,869	70,142,663	75,542,654	5,399,991	7.7%
Special Fund					
GR-1427 Harford County Transfer & Disposal	-	-	15,025,000	15,025,000	NA
GR-9931 Recycling Partnership	-	350,000	-	(350,000)	-100.0%
Bureau Special Fund Total	-	350,000	15,025,000	(350,000)	-100.0%
Bureau Total	64,642,869	70,492,663	90,567,654	5,049,991	7.2%
Bureau of Transportation					
Traffic Planning	8,172,608	8,049,628	8,275,461	225,833	2.8%
Traffic Sign Installation/Maintenance	1,862,730	1,936,992	2,032,284	95,292	4.9%
Traffic Signal Operations/Maintenance	1,030,289	1,028,086	1,095,449	67,363	6.6%
Transportation Services	826,338	1,089,681	1,517,557	427,876	39.3%
County Circulator	1,139	1,700,000	2,742,129	1,042,129	61.3%
Bureau General Fund Total	11,893,104	13,804,387	15,662,880	1,858,493	13.5%
Special Fund					
GR-1109 Specialized Transportation Service	762,014	969,246	1,038,835	69,589	7.2%
GR-1220 Rural Public Transportation	260,555	317,334	352,182	34,848	11.0%
GR-1351 Unified Planning Work Program	26,118	61,080	61,080	-	0.0%
Bureau Special Fund Total	1,048,687	1,347,660	1,452,097	104,437	7.7%
Bureau Total	12,941,791	15,152,047	17,114,977	1,962,930	13.0%
Bureau of Utilities					
Sewer/Water Operations/Maintenance	553,470	510,222	510,222	-	0.0%
Bureau Total	553,470	510,222	510,222	-	0.0%
Grand Total	\$ 112,411,809	\$ 122,429,632	\$ 145,562,323	\$ 8,107,691	6.6%
Funds Recap:					
Total General Funds	111,363,122	120,731,972	129,085,226	8,353,254	6.9%
Total Special Funds	1,048,687 ^(A)	1,697,660	16,477,097	14,779,437	870.6%
All Funds Total	\$ 112,411,809	\$ 122,429,632	\$ 145,562,323	\$ 23,132,691	18.9%

^(A) Reflects audited expenditures \$10,313 less than the amount reflected in the Executive's budget documents.

^(B) Adjusted for an inter-program Budget Appropriation Transfer (BAT) totaling \$1.2 million to be presented for Council approval on May 26, 2022.

BALTIMORE COUNTY
FISCAL YEAR 2023 BUDGET ANALYSIS

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION (070)

METROPOLITAN DISTRICT ENTERPRISE FUND DETAIL					
	FY 2021	FY 2022	FY 2023	NET CHANGE	
	ACTUAL	APPROP	REQUEST	AMOUNT	%
<u>Office of the Director</u>					
General Administration	\$ 18,491,958	\$ 20,609,734	\$ 21,924,721	\$ 1,314,987	6.4%
Debt Service Metro. District	90,092,177	94,619,437	100,216,420	5,596,983	5.9%
Debt Service - MWQRLF	17,217,218	23,385,030	25,535,312	2,150,282	9.2%
Metro.Dist. Equip. Financing	1,662,174	1,681,375	2,151,650	470,275	28.0%
Metro Financing/Petition Processing	1,159,560	1,391,171	1,582,791	191,620	13.8%
Safety Office	288,102	334,210	360,287	26,077	7.8%
Bureau Total	<u>128,911,189</u>	<u>142,020,957</u>	<u>151,771,181</u>	<u>9,750,224</u>	<u>6.9%</u>
 <u>Bureau of Engineering & Construction</u>					
General Administration	346,194	466,449	464,401	(2,048)	-0.4%
Sewer and Water Main Design	2,110,367	2,818,666	2,729,518	(89,148)	-3.2%
Structural, Storm Drain, & Highway Design	60,929	67,516	88,014	20,498	30.4%
General Surveying	352,304	416,695	432,226	15,531	3.7%
Contracts/Construction Inspections	892,157	972,868	1,035,284	62,416	6.4%
Bureau Total	<u>3,761,951</u>	<u>4,742,194</u>	<u>4,749,443</u>	<u>7,249</u>	<u>0.2%</u>
 <u>Bureau of Highways & Equipment Maintenance</u>					
General Operations & Maintenance	350,529	753,147	310,121	(443,026)	-58.8%
Equipment Maintenance	897,233	1,082,136	1,000,850	(81,286)	-7.5%
Bureau Total	<u>1,247,762</u>	<u>1,835,283</u>	<u>1,310,971</u>	<u>(524,312)</u>	<u>-28.6%</u>
 <u>Bureau of Utilities</u>					
General Administration	888,722	8,050,208	7,985,864	(64,344)	-0.8%
Engineering & Regulation	1,049,907	1,346,663	1,337,960	(8,703)	-0.6%
Sewer/Water Operations/Maintenance	17,549,129	10,198,303	11,030,769	832,466	8.2%
Pumping/ Treatment Plant Operations/Maintenance	80,473,358	142,008,204	147,750,574	5,742,370	4.0%
Contributions to Capital	33,000,000	20,000,000	20,000,000	-	0.0%
Bureau Total	<u>132,961,116</u>	<u>181,603,378</u>	<u>188,105,167</u>	<u>6,501,789</u>	<u>3.6%</u>
Grand Total	<u>\$ 266,882,018</u>	<u>\$ 330,201,812</u>	<u>\$ 345,936,762</u>	<u>\$ 15,734,950</u>	<u>4.8%</u>

NOTE: FOR INFORMATION ONLY ⁽¹⁾

⁽¹⁾ The self-supporting Metropolitan District Enterprise Fund, which supports operations in this Department and other agencies, is not subject to County Council appropriation.

BALTIMORE COUNTY
FISCAL YEAR 2023 BUDGET ANALYSIS

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION (070)

PERSONNEL DETAIL								
	FY 2021 ACTUAL		FY 2022 APPROP		FY 2023 REQUEST		NET CHANGE	
	FULL	PART	FULL	PART	FULL	PART	FULL	PART
<u>Office of the Director</u>								
General Administration (A)	8	6	8	7	8	9	0	2
Metro Financing/Petition Proc. (B)	6	8	7	10	9	11	2	1
Safety Office (A)	<u>10</u>	<u>1</u>	<u>10</u>	<u>1</u>	<u>10</u>	<u>1</u>	<u>0</u>	<u>0</u>
Bureau Total	<u>24</u>	<u>15</u>	<u>25</u>	<u>18</u>	<u>27</u>	<u>21</u>	<u>2</u>	<u>3</u>
<u>Bureau of Engineering & Construction</u>								
General Administration (C)	9	0	10	0	9	1	(1)	1
Sewer and Water Main Design (B)	28	1	28	1	29	0	1	(1)
Structural, Storm Drain & Highway Design (D)	20	0	20	0	26	0	6	0
General Surveying (E)	12	0	12	0	12	0	0	0
Contracts/Construction Inspections (F)	<u>37</u>	<u>2</u>	<u>37</u>	<u>2</u>	<u>38</u>	<u>2</u>	<u>1</u>	<u>0</u>
Bureau Total	<u>106</u>	<u>3</u>	<u>107</u>	<u>3</u>	<u>114</u>	<u>3</u>	<u>7</u>	<u>0</u>
<u>Bureau of Highways & Equipment Maintenance</u>								
General Administration	8	1	10	2	11	1	1	(1)
General Operations & Maintenance	224	1	224	1	223	1	(1)	0
Equipment Maintenance (G)	67	6	68	2	69	1	1	(1)
Storm Emergencies	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Bureau Total	<u>299</u>	<u>8</u>	<u>302</u>	<u>5</u>	<u>303</u>	<u>3</u>	<u>1</u>	<u>(2)</u>
<u>Bureau of Solid Waste Management</u>								
(All General Fund Positions)								
General Administration	8	1	8	1	8	1	0	0
Refuse Collection	28	1	29	1	29	1	0	0
Refuse Disposal	37	40	40	39	40	39	0	0
Recycling	4	3	6	4	6	4	0	0
MRF Operations	<u>0</u>	<u>27</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>0</u>
Bureau Total	<u>77</u>	<u>72</u>	<u>83</u>	<u>72</u>	<u>83</u>	<u>72</u>	<u>0</u>	<u>0</u>
<u>Bureau of Traffic Engineering and Transportation Planning</u>								
(All General Fund Positions)								
Traffic Planning	23	1	23	1	26	0	3	(1)
Traffic Sign Installation/Maintenance	14	0	14	0	14	0	0	0
Traffic Signal Operations/Maintenance	12	0	12	0	12	0	0	0
Transportation Services	17	0	16	2	24	0	8	(2)
County Circulator	0	0	0	0	0	0	0	0
(Special Fund Positions)								
GR-1109 Specialized Transportation Service	12	0	12	0	12	0	0	0
GR-1220 Rural Public Transportation	4	0	4	0	4	0	0	0
GR-1351 Unified Planning Work Program	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>
Bureau Total	<u>82</u>	<u>2</u>	<u>81</u>	<u>4</u>	<u>92</u>	<u>1</u>	<u>11</u>	<u>(3)</u>

BALTIMORE COUNTY
FISCAL YEAR 2023 BUDGET ANALYSIS

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION (070)

PERSONNEL DETAIL

	FY 2021 ACTUAL		FY 2022 APPROP		FY 2023 REQUEST		NET CHANGE	
	FULL	PART	FULL	PART	FULL	PART	FULL	PART
<u>Bureau of Utilities</u>								
General Administration (B)	15	1	24	1	24	1	0	0
Engineering & Regulation (B)	16	1	16	2	16	2	0	0
Sewer/Water Operations/Maintenance (H)	158	11	153	11	153	10	0	(1)
Pumping/Treatment Plant Operations/Maintenance (B)	105	0	102	0	102	0	0	0
Bureau Total	<u>294</u>	<u>13</u>	<u>295</u>	<u>14</u>	<u>295</u>	<u>13</u>	<u>0</u>	<u>(1)</u>
Grand Total	<u>882</u>	<u>113</u>	<u>893</u>	<u>116</u>	<u>914</u>	<u>113</u>	<u>21</u>	<u>(3)</u>

Positions Recap:

Total General Funded Positions	375	75	382	78	393	74
Total Split Funded Positions	169	23	172	22	181	25
Total Metro Funded Positions	<u>322</u>	<u>14</u>	<u>323</u>	<u>15</u>	<u>324</u>	<u>13</u>
Total General/Metro Funded Positions	<u>866</u>	<u>112</u>	<u>877</u>	<u>115</u>	<u>898</u>	<u>112</u>
Total Special Funded Positions	<u>16</u>	<u>1</u>	<u>16</u>	<u>1</u>	<u>16</u>	<u>1</u>
All Positions Total	<u>882</u>	<u>113</u>	<u>893</u>	<u>116</u>	<u>914</u>	<u>113</u>

(A) Split funded; 59% GF, 41% Metro.

(B) 100% Metro.

(C) Split funded; 50% GF, 50% Metro.

(D) Split funded; 96% GF, 4% Metro.

(E) Split funded; 51% GF, 49% Metro.

(F) Split funded; 66% GF, 34% Metro.

(G) Split funded; 89% GF, 11% Metro.

(H) 100% Metro and includes storm drain inlet work charged to the General Fund