

(KT0) DEPARTMENT OF PUBLIC WORKS

MISSION

The Department of Public Works (DPW) provides the highest quality sanitation, parking enforcement, and fleet management services that are both ecologically sound and cost effective.

BACKGROUND

DPW's capital program supports the Department's efforts to provide municipal services to District of Columbia residents and businesses. The staff of the Solid Waste Management Administration ensures that District streets and public spaces are clean, safe, attractive, and accessible by collecting and disposing of trash and recyclables, cleaning streets and alleys, removing graffiti, and enforcing solid waste regulations. The Parking Services Administration of DPW employs approximately 200 parking officers who monitor 17,000 meters and 3,500 blocks of residential zoned parking. The employees who provide these services need operational equipment and adequate facilities to successfully perform their jobs. Currently, DPW maintains 14 properties, including: 12 fueling sites, 2 transfer stations, 1 impound lot, and 1 leaf transfer station. DPW maintains an agency fleet of 1,110 vehicles, from sedans to heavy equipment such as trash compactors, dump trucks, street sweepers, and backhoes.

CAPITAL PROGRAM OBJECTIVES

1. Ensure DPW fleet equipment will be available for the agency's core services and maintain replacement cycles to maximize cost savings on fleet maintenance.
2. Provide safe and clean facilities for DPW employees to perform work that ensures the cleanliness of the District's residential neighborhoods, high-visibility commercial areas, gateway corridors, and industrial zones.

RECENT ACCOMPLISHMENTS

- Completed the renovation of the Tire Shop at West Virginia Avenue, NE. The renovated building will accommodate not only the Tire Shop but also the landscaping unit of the Solid Waste Management Administration (SWMA);
- Completed the acquisition of the Okie Street, NE facility. The facility will accommodate the Street and Alley Division of the SWMA that includes approximately 300 employees and all of their equipment;
- Completed the renovation of the roof at the Benning Road Transfer Station; and,
- Began construction of a stormwater management system and new fencing at the Blue Plains Impoundment Lot.

Elements on this page of the Agency Summary include:

- **Funding Tables:** Past budget allotments show the allotment balance, calculated as allotments received to date less all obligations (the sum of expenditures, encumbrances, intra-District advances and pre-encumbrances). Agencies are allowed to encumber and pre-encumber funds up to the limit of a capital project’s budget authority, which might be higher than allotments received to date. For this reason, a negative balance on a project sheet does not necessarily indicate overspending or an anti-deficiency violation. A negative balance is permitted in this calculation of remaining allotment authority.
- **Additional Appropriations Data (\$000):** Provides a summary of the budget authority over the life of the project. The table can be read as follows:
 - › **Original 6-Year Budget Authority:** Represents the authority from the fiscal year in which budget was first appropriated through the next 5 years.
 - › **Budget Authority Through FY 2022 :** Represents the lifetime budget authority, including the 6-year budget authority for FY 2017 through FY 2022.
 - › **FY 2017 Budget Authority Revisions:** Represents the changes to the budget authority as a result of reprogramming, redirections and rescissions (also reflected in Appendix F) for the current fiscal year.
 - › **6-Year Budget Authority Through FY 2022 :** This is the total 6-year authority for FY 2017 through FY 2022 including changes from the current fiscal year.
 - › **Budget Authority Request Through FY 2023 :** Represents the 6-year budget authority for FY 2018 through FY 2023.
 - › **Increase (Decrease) :** This is the change in 6-year budget requested for FY 2018 - FY 2023 (change in budget authority is shown in Appendix A).
- **Estimated Operating Impact:** If a project has operating impacts that the agency has quantified, the effects are summarized in the respective year of impact.
- **FTE Data (Total budget in FTE Table might differ from actual budget due to rounding):** Provides the number for Full-Time Equivalent (FTE) employees approved as eligible to be charged to capital projects by, or on behalf of, the agency. Additionally, it provides the total budget for these employees (Personal Services), the non personnel portion of the budget in the agency’s capital plan, and the percentage of the agency CIP budget from either expense category.
- **Facility Location Map:** For those agencies with facilities projects, a map reflecting projects and their geographic location within the District of Columbia.

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
(01) Design	5,867	2,082	71	0	3,714	0	0	0	0	0	0	0
(02) SITE	16,676	16,676	0	0	0	0	0	0	0	0	0	0
(03) Project Management	3,472	3,322	0	0	150	0	0	0	0	0	0	0
(04) Construction	55,419	51,551	295	0	3,573	0	0	0	0	0	8,000	8,000
(05) Equipment	141,534	136,122	5,299	0	113	8,575	7,000	7,000	6,000	7,000	7,000	42,575
(06) IT Requirements Development/Systems Design	400	400	0	0	0	0	0	0	0	0	0	0
TOTALS	223,369	210,153	5,666	0	7,550	8,575	7,000	7,000	6,000	7,000	15,000	50,575

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
GO Bonds - New (0300)	139,092	131,491	4,713	0	2,888	0	0	0	0	0	0	0
Pay Go (0301)	9,198	8,058	113	0	1,027	0	0	0	0	0	15,000	15,000
Equipment Lease (0302)	70,809	70,489	320	0	0	0	0	0	0	0	0	0
Short-Term Bonds – (0304)	619	0	449	0	169	8,575	7,000	7,000	6,000	7,000	0	35,575
Private Donations (0306)	10	0	0	0	10	0	0	0	0	0	0	0
Paygo - Restricted (0314)	3,600	115	71	0	3,414	0	0	0	0	0	0	0
Cap Fund - Fed Pmt (0355)	42	0	0	0	42	0	0	0	0	0	0	0
TOTALS	223,369	210,153	5,666	0	7,550	8,575	7,000	7,000	6,000	7,000	15,000	50,575

Additional Appropriation Data		Estimated Operating Impact Summary						
First Appropriation FY	1999	Expenditure (+) or Cost Reduction (-)						
Original 6-Year Budget Authority	254,077	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
Budget Authority Through FY 2022	373,000	No estimated operating impact						
FY 2017 Budget Authority Changes		Full Time Equivalent Data						
Capital Reprogramming FY 2017 YTD	4,000	Object	FTE	FY 2018 Budget	% of Project			
6-Year Budget Authority Through FY 2022	377,000	Personal Services	0.0	0	0.0			
Budget Authority Request Through FY 2023	273,944	Non Personal Services	0.0	8,575	100.0			
Increase (Decrease)	-103,056							

AM0-CP201-COMPOSTING FACILITY

Agency: DEPARTMENT OF PUBLIC WORKS (KT0)
Implementing Agency: DEPARTMENT OF GENERAL SERVICES (AM0)
Project No: CP201
Ward:
Location: TBD
Facility Name or Identifier: COMPOSTING FACILITY
Status: New
Useful Life of the Project: 30
Estimated Full Funding Cost: \$8,000,000

Description:

Resource Recycling Systems (RRS) recently released a study commissioned by DPW and required under the Sustainable Solid Waste Management Amendment Act of 2014 regarding the feasibility of compost collection in the District. The study recommended, among other strategies, building a compost facility within the District. The study states that such a facility could recover up to 148,796 tons of organic waste per year, or about 60% of the District’s organic waste. The facility could also generate approximately \$5 million in tipping fees each year, which over several years would be more than enough to recover the costs of the facility’s construction. The type of facility recommended by the RRS report—a covered aerated static pile (ASP) compost facility—would need a ten to twenty acre parcel of land and would provide benefits such as odor control, nuisance control, faster material composition, and a higher quality finished material than alternative models. The RRS report estimates that the facility would have 6 - 12 full-time employees, in addition to collection crews. The Committee is committed to helping the District reach its waste diversion goal of 80% and believes that construction of this facility is crucial to meeting that goal.

Justification:

The type of facility recommended by the RRS report—a covered aerated static pile (ASP) compost facility—would need a ten to twenty acre parcel of land and would provide benefits such as odor control, nuisance control, faster material composition, and a higher quality finished material than alternative models. The RRS report estimates that the facility would have 6 - 12 full-time employees, in addition to collection crews.

Progress Assessment:

New project

Related Projects:

None

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
(04) Construction	0	0	0	0	0	0	0	0	0	0	8,000	8,000
TOTALS	0	0	0	0	0	0	0	0	0	0	8,000	8,000

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
Pay Go (0301)	0	0	0	0	0	0	0	0	0	0	8,000	8,000
TOTALS	0	0	0	0	0	0	0	0	0	0	8,000	8,000

Additional Appropriation Data

First Appropriation FY	
Original 6-Year Budget Authority	0
Budget Authority Through FY 2022	0
FY 2017 Budget Authority Changes	0
6-Year Budget Authority Through FY 2022	0
Budget Authority Request Through FY 2023	8,000
Increase (Decrease)	8,000

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2018 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	0	0.0

KT0-EQ903-HEAVY EQUIPMENT ACQUISITION - DPW

Agency: DEPARTMENT OF PUBLIC WORKS (KT0)
Implementing Agency: DEPARTMENT OF PUBLIC WORKS (KT0)
Project No: EQ903
Ward:
Location: DISTRICT-WIDE
Facility Name or Identifier: EQUIPMENT
Status: Ongoing Subprojects
Useful Life of the Project: 10
Estimated Full Funding Cost: \$59,198,000

Description:

This project funds the Department of Public Works (DPW) with GO Bond and PayGo budget for the replacement of heavy equipment used for trash pick-up and snow removal.

Justification:

Capital investment in the District’s fleet is necessary to ensure seamless service delivery of many District operations. This project will enable the Department to secure major durable equipment items that have long lead times between the placement of the order and the delivery of the item. Further, the project is expected to have a beneficial impact on the operating budget by eliminating the need for expedited processing of long lead time equipment orders, which disrupt regular work flow, and the efficiency of the procurement process. This project aligns with SustainableDC Action: Transportation 4.2.

Progress Assessment:

This project is on-going

Related Projects:

EQ910C-HEAVY EQUIPMENT ACQUISITION - DPW AND RHT01C-RUSH HOUR TOWING EQUIPMENT PURCHASE

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
(05) Equipment	18,198	13,124	4,966	0	108	7,000	7,000	7,000	6,000	7,000	7,000	41,000
TOTALS	18,198	13,124	4,966	0	108	7,000	7,000	7,000	6,000	7,000	7,000	41,000

Source	Funding By Source - Prior Funding						Proposed Funding					
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
GO Bonds - New (0300)	17,540	13,124	4,491	0	-74	0	0	0	0	0	0	0
Pay Go (0301)	41	0	26	0	15	0	0	0	0	0	7,000	7,000
Short-Term Bonds – (0304)	616	0	449	0	167	7,000	7,000	7,000	6,000	7,000	0	34,000
TOTALS	18,198	13,124	4,966	0	108	7,000	7,000	7,000	6,000	7,000	7,000	41,000

Additional Appropriation Data

First Appropriation FY	2012
Original 6-Year Budget Authority	21,433
Budget Authority Through FY 2022	38,198
FY 2017 Budget Authority Changes	0
6-Year Budget Authority Through FY 2022	38,198
Budget Authority Request Through FY 2023	59,198
Increase (Decrease)	21,000

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2018 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	7,000	100.0

KT0-RHT01-RUSH HOUR TOWING EQUIPMENT PURCHASE

Agency: DEPARTMENT OF PUBLIC WORKS (KT0)
Implementing Agency: DEPARTMENT OF PUBLIC WORKS (KT0)
Project No: RHT01
Ward:
Location: DISTRICT-WIDE
Facility Name or Identifier: EQUIPMENT
Status: New
Useful Life of the Project: 7
Estimated Full Funding Cost: \$1,575,000

Description:

The District of Columbia Government does not currently have enough resources to provide towing resources on all rush hour routes. This project seeks to increase the number of full time employees and tow vehicles available to clear streets of vehicular traffic obstructions by way of relocating and impounding of od illegally parked vehicles that contribute to the traffic congestion on our major streets and highways. This project calls for the purchase of 20 Tow Trucks.

Justification:

The project is necessary to provide Rush Hour Towing to combat congestion in the roadways caused by illegal parking.

Progress Assessment:

New project

Related Projects:

None

(Dollars in Thousands)

Phase	Funding By Phase - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
(05) Equipment	0	0	0	0	0	1,575	0	0	0	0	0	1,575
TOTALS	0	0	0	0	0	1,575	0	0	0	0	0	1,575

Source	Funding By Source - Prior Funding					Proposed Funding						
	Allotments	Spent	Enc/ID-Adv	Pre-Enc	Balance	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
Short-Term Bonds -- (0304)	0	0	0	0	0	1,575	0	0	0	0	0	1,575
TOTALS	0	0	0	0	0	1,575	0	0	0	0	0	1,575

Additional Appropriation Data

First Appropriation FY	
Original 6-Year Budget Authority	0
Budget Authority Through FY 2022	0
FY 2017 Budget Authority Changes	0
6-Year Budget Authority Through FY 2022	0
Budget Authority Request Through FY 2023	1,575
Increase (Decrease)	1,575

Estimated Operating Impact Summary

Expenditure (+) or Cost Reduction (-)	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	6 Yr Total
No estimated operating impact							

Milestone Data

	Projected	Actual
Environmental Approvals		
Design Start (FY)		
Design Complete (FY)		
Construction Start (FY)		
Construction Complete (FY)		
Closeout (FY)		

Full Time Equivalent Data

Object	FTE	FY 2018 Budget	% of Project
Personal Services	0.0	0	0.0
Non Personal Services	0.0	1,575	100.0