



DESIGN & CONSTRUCTION

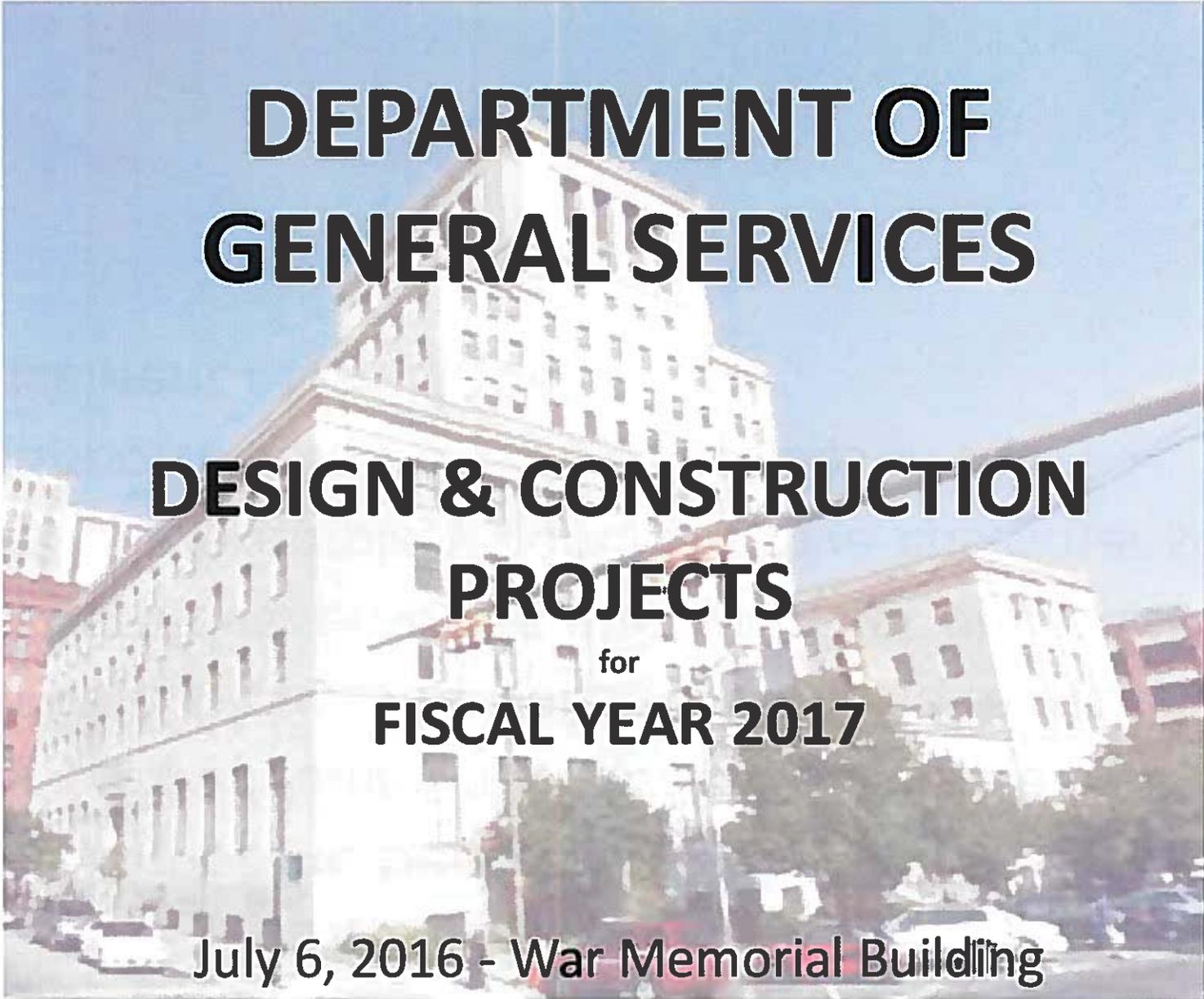


2016 BALTIMORE CITY DESIGN AND CONSTRUCTION PRESENTATION

AGENDA

9:00AM- 9:05AM	WELCOME
9:05PM-9:15AM	MESSAGE FROM THE DIRECTOR- DEPARTMENT OF PUBLIC WORKS, MR. RUDOLPH S. CHOW
9:15PM- 10:05AM	PRESENTATIONS FROM THE CITY AGENCIES
9:15-AM- 9:25AM	DEPARTMENT OF GENERAL SERVICES
9:25AM-9:35AM	DEPARTMENT OF HOUSING COMMUNITY DEVELOPMENT/HOUSING AUTHORITY OF BALTIMORE CITY
9:35AM-9:45AM	DEPARTMENT OF PUBLIC WORKS
9:45AM-9:55AM	RECREATION AND PARKS
9:55AM- 10:05AM	DEPARTMENT OF TRANSPORTATION
10:05AM-10:20AM	SPEAKER: MS. CHRISTINE BIVENS, MAYOR'S OFFICE- MINORITY AND WOMEN'S BUSINESS OWNED DEVELOPMENT
10:20AM- 10:30AM	CLOSING COMMENTS
10:30AM- 12:00PM	NETWORKING WITH VENDORS AND CITY AGENCIES

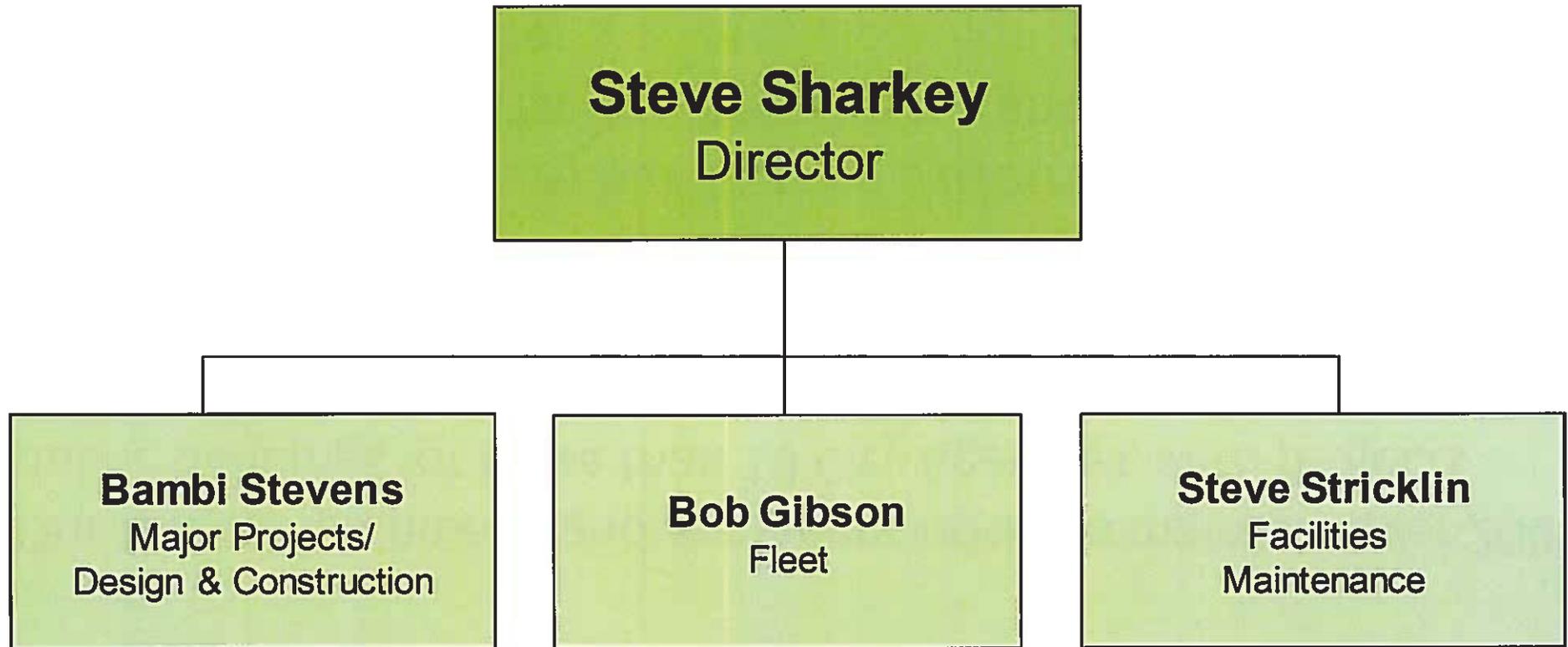




Steve Sharkey, Director

DEPARTMENT OF GENERAL SERVICES

The mission of the Department of General Services is to deliver cost-effective, high quality, reliable and sustainable services by constructing and managing quality facilities, ensuring efficient fleet operations, and maintaining exemplary administrative customer service that supports Baltimore City agencies in the advancement of their goals.



Steve Sharkey, Director

Major Projects Division

Our team of architects and engineers works to maintain over 200 public buildings for more than 10 City Agencies, with projects ranging from HVAC upgrades and roof replacements to building stabilization, interior renovations and exterior improvements. The Division also works to preserve, restore and increase the efficiency of City's many buildings by performing feasibility and use studies, creating facility master plans and renovating existing spaces for modern use.

SUMMARY for FY2017

TOTAL PROJECTS	#	\$\$\$
DESIGN PROJECTS	11	1,855,000
CONSTRUCTION PROJECTS	13	18,050,000

Steve Sharkey, Director



DESIGN PROJECTS

PROJECT TYPE	#	\$\$\$
Interior Renovation	4	300,000
Exterior Improvements	3	400,000
Systems Upgrades	4	1,155,000

Steve Sharkey, Director

DESIGN PROJECTS*

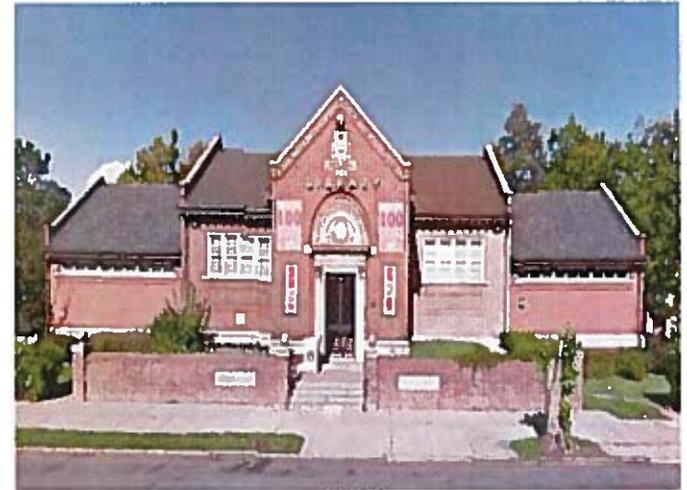
*Typically, DGS does not issue and RFP for individual design projects. DGS's design services are usually obtained through On-Call Agreements, which were last awarded in 2014.

❑ Pratt Library - Forest Park Branch

Interior Renovations

Expected 3rd Quarter

\$75,000 - \$150,000



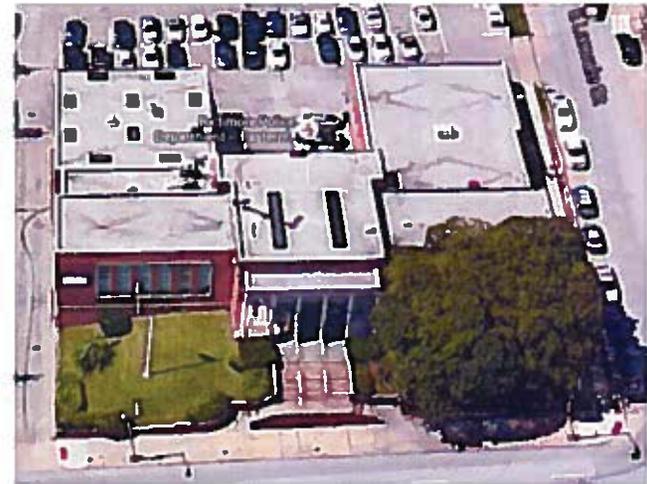
☐ Convention Center

Waterproofing/Roof Replacement
Expected 2nd Quarter
\$100,000 - \$300,000



☐ Eastern Police District

Roof Replacement
Expected 2nd Quarter
\$10,000 - \$50,000



❑ **Northwestern Police District**

Bathroom/ ADA upgrades

Expected 4th Quarter

\$ 10,000 - \$50,000



❑ **407 E. Fayette Street (MECU)**

MEP Upgrades

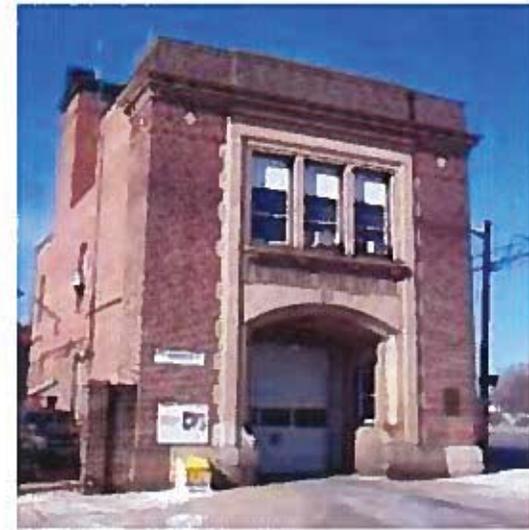
Expected 3rd Quarter

\$ 100,000 - \$300,000



❑ Fire Station Engine 51

Manual Transfer Switch
1st Quarter
\$10,000 - \$30,000



❑ Fire Station Engine 5

Roof replacement
Expected 2nd Quarter
\$ 10,000 - \$50,000



❑ Historic Carroll Mansion

ADA Upgrades

1st Quarter

Expected 1st Quarter

\$ 10,000 - \$50,000



❑ Baltimore Visitor's Center

HVAC Renovation/Upgrades

Expected 2nd Quarter

\$ 25,000 - \$75,000



☐ Abel Wolman Municipal Building

Interior Renovation and
Fire Suppression System
Expected 2nd Quarter
\$ 250,000 - \$750,000



☐ Greenmount School

Wall Stabilization
1st Quarter
\$ 20,000 - \$50,000



CONSTRUCTION PROJECTS

PROJECT TYPE	#	\$\$\$*
Interior Renovation	5	3,550,000
Exterior Improvements	6	7,500,000
Systems Upgrades	3	7,000,000

**Does not include project cost estimates that have not yet been determined.*

❑ Pratt Library - Hampden Branch

Interior Renovations

3rd quarter

\$1,500,000 - \$2,000,000



❑ Abel Wolman Municipal Building

Phased Interior Renovation

4th Quarter

\$ 2,500,000 - \$7,500,000



☐ Mitchell Courthouse

- Elevator Upgrades
4th Quarter
\$ 2,000,000 - \$3,000,000
- Roof Replacement
3rd Quarter
\$ 1,000,000 - \$2,000,000



☐ Waxter Center

- Elevator Upgrade
3rd Quarter
\$500,000 - \$1,000,000



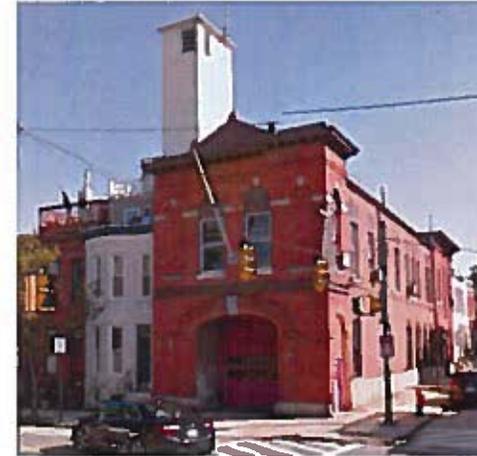
CONSTRUCTION PROJECTS

❑ Fire Engine 26 Renovation

Interior Renovation

4th Quarter

\$100,000 - \$250,000

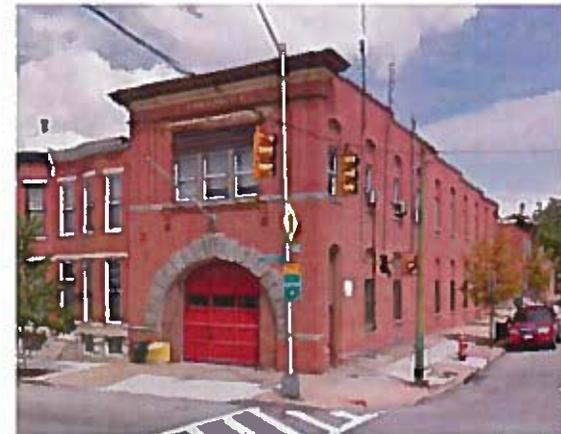


❑ Hanover and Ostend Fire Station

Interior Renovation

4th Quarter

\$500,000 - \$750,000



CONSTRUCTION PROJECTS

❑ Western District Police Station

Roof Replacement/HVAC Upgrades

3rd Quarter

\$ 250,000 - 500,000



❑ Police Headquarters

Fire Alarm Upgrade

2nd Quarter

\$2,000,000 - \$3,000,000



❑ Central District Police Station

Envelope Waterproofing

2nd Quarter

\$ 750,000 - 1,000,000

CONSTRUCTION PROJECTS

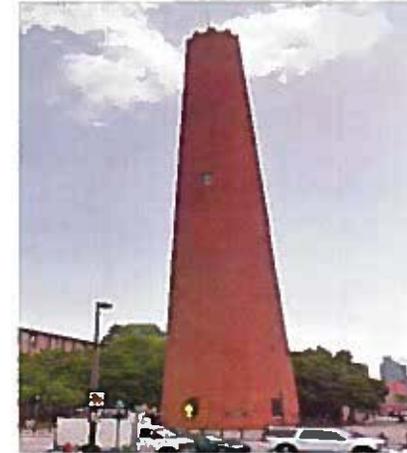
Historic Properties Renovations

❑ Shot Tower

Stairway Safety Upgrades

Expected 3RD Quarter

\$ 100,000 - \$200,000



❑ Courthouse East

Roof Replacement

Expected 4th Quarter

\$2,000,000 - \$3,000,000

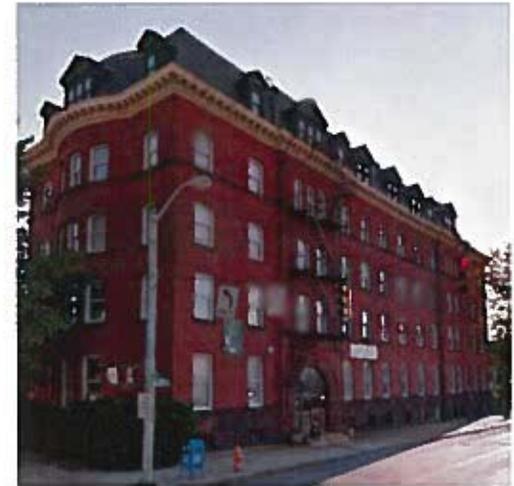


❑ 2300 Maryland Avenue

Cornice and Gutter Replacement

3rd Quarter

\$ 250,000 - \$500,000



❑ Peale Museum

Roof Replacement & Masonry Restoration

2nd Quarter

\$ 250,000 – 500,000



DEPARTMENT OF GENERAL SERVICES

DESIGN & CONSTRUCTION PROJECTS

for
FISCAL YEAR 2017

July 6, 2016 - War Memorial Building

Steve Sharkey, Director



BALTIMORE HOUSING

Building A Better Tomorrow, Today.



July 2016

STEPHANIE RAWLINGS-BLAKE
MAYOR

Design and Construction Presentation Baltimore Housing Procurement Opportunities FY 2017



Overview

Baltimore Housing Two Agencies, One Name

- The Housing Authority of Baltimore City (HABC)
- Department of Housing and Community Development (HCD)

HABC

- established in 1937 to provide federally-funded public housing programs and related services for Baltimore's low-income residents

HCD

- created in 1968 to consolidate local community development efforts with housing and building code enforcement



Baltimore Housing Procurement Opportunities & Methods

- Housing Authority of Baltimore City funds and anticipates \$10 to \$20 million
- Job Order Contracting (JOC)
- Conventional sealed-bid
- Design/Build
- HABCo
 - ✓ MBE/WBE Participation Goal
 - ✓ HUD Section 3 Compliance



Engineering & Capital Improvements Energy & Environmental Programs FY 17 Construction Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
Re-Hab	Eager Street Management Office	Elevator Installation	1 st Quarter – FY 2016	\$250K-\$500K
Gilmor	Gilmor	Window Replacement	2 nd Quarter – FY 2017	\$2M-\$3M
Various Family Developments	Family Developments	Soils, Erosion Control, Sidewalks, Paving and other Side work	2 nd Quarter – FY 2017	\$1M-\$2M



FY 17 Construction Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
Various Scattered Sites	Scattered Sites	Roofing	2 nd Quarter – FY 2017	200K
Scattered Sites	Scattered Sites	Basement Waterproofing	4 th Quarter – FY 2017	100K
Scattered Sites	Scattered Sites	Windows	2 nd Quarter – FY 2017	75K
Scattered Sites	Scattered Sites	Vacancy Reduction	1 st Quarter – FY 2017	100K-250K



FY 17 Construction Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
Douglas Homes	Electrical Infrastructure Upgrade	Upgrade the existing Electrical Medium Voltage System to modern code requirements and electrical uses.	Begin Design 2 nd Quarter - FY 2017	\$3-5M
Gilmor Homes	Partial Replacement of Heating convectors	Replace defective heating convectors	1 st Quarter - FY 2017	\$2.5-3MM
Poe Homes	Heating System Repairs and Upgrades	Perform deferred maintenance of existing steam heating system	2 nd Quarter - FY 2017	\$0.5M



FY 17 Construction Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
Poe Homes	Security Upgrades	Install cameras and exterior lighting, including remote monitoring infrastructure	2 nd Quarter - FY 2016	\$0.25M
Rosemount Homes	Design and Replace Gas Distribution System	Replace and upgrade the gas distribution system, including corrosion control	2 nd Quarter - FY 2017	\$1.2M
Cherry Hill Homes	Cherry Hill Piping and Meter Installation	Relocate gas piping and meters from flooding crawlspaces	2 nd Quarter - FY 2017	\$0.5M



FY 17 Development Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Construction Costs Estimated Range (Millions)
Barclay Developer: Telesis Contact: Catherine Stokes (cstokes@telesiscorp.com)	Barclay Rental Phase II	Construction of 57 affordable rental units (including 9 units for chronically homeless persons)	In construction	\$17,534,715
Barclay Developer: Telesis Contact: Catherine Stokes (cstokes@telesiscorp.com)	Barclay Homeownership Phase II	Creation of 34 market rate homes (14 units will be rehabbed and 20 units will be constructed)	1 st Quarter – FY 2017	\$8.1M-\$8.5M
Bailey Scattered Sites Developer: HABC	Bailey Scattered Sites	The construction 4 scattered site unit 2 of which will be UFAS compliant	3 rd Quarter – FY 2016	\$1.0 MM



FY 17 Development Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
<p>O'Donnell Heights Developer: The Michaels Organization Contact: Andrew Davenport (adavenport@themichaels.org.com)</p>	Key's Pointe	Construction of 68 affordable rental units (including 6 for-sale units)	3 rd Quarter – FY 2016	\$22.3M
<p>Uplands Developer: Pennrose Contact: Ivy Carter (icarter@pennrose.com)</p>	Uplands Homeownership Phase I and II	On-going construction of 178 units	1 st -4 th Quarter – FY 2016	\$40.1M
<p>Orchard Ridge Developer: Pennrose Contact: Ivy Carter (icarter@pennrose.com)</p>	Orchard Ridge Rental Phase V	Construction of 65 affordable rental units	In construction	\$17.9 MM



FY 17 Development Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
Allendale Developer: Enterprise Contact: Ron Wilson (rwilson@enterprisehomes.com)	RAD Phase I- Allendale	Substantial Rehab	In construction	\$27.5MM
BE Mason Developer: PIRHL Contact: CJ Tyree (ctyree@pirhl.com)	RAD Phase I- BE Mason	Substantial Rehab	In construction	\$32 MM
Govans Manor Developer: PIHRL LLC	RAD Phase I- Govans Manor	Substantial Rehab	In construction	\$35.5 MM
Hillside Developer: Landex Development LLC	RAD Phase I- Hillside	Substantial Rehab	In construction	\$14.8 MM



FY 17 Development Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
Bel Park Tower Developer: Landex Contact: Peter Siegel (psiegel@landex.com)	RAD Phase I- Bel Park Tower	Substantial Rehab	In construction	\$31.0 MM
Lakeview Tower Developer: Same as above	RAD Phase I - LVT	Substantial Rehab	In construction	\$34.0 MM
Wyman House Developer: Pennrose Contact: Ivy Carter (icarter@pennrose.com)	RAD Phase I – Wyman House	Substantial Rehab	In construction	\$31.3 MM
The Brentwood Developer: Telesis Contact: Catherine Stokes (cstokes@telesiscorp.com)	RAD Phase I- The Brentwood	Substantial Rehab	In construction	\$27.9 MM



FY 17 Development Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
Pleasant View Gardens (Family) Developer: The Michaels Organization Contact: Andrew Davenport (adavenport@themichaelsorg.com)	RAD Phase I- Pleasant View Gardens Family	Substantial Rehab	Financing Stage 2 nd Quarter – FY 2017	\$30.1 MM
Pleasant View Gardens (Senior) Developer info same as above	RAD Phase I- PVG Senior	Substantial Rehab	Financing Stage 2 nd Quarter – FY 2017	\$16.1 MM
McCulloh Homes Developer: The Community Builders Contact: Patrick Wagner	RAD Phase I – McCulloh Homes	Substantial Rehab	Financing Stage 2 nd Quarter – FY 2017	\$67.9 MM



FY 17 Development Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
Somerset Developer: The Woda Group LLC Contact:	RAD Phase II- Somerset	Substantial Rehab	Financing Stage 2 nd Quarter – FY 2017	\$13.0 MM
Ellersie Developer: Telesis	RAD Phase II- Ellersie	Substantial Rehab	Financing Stage 2 nd Quarter – FY 2017	\$24.6 MM
O'Donnell Heights Developer: The Michaels Organization Contact: Andrew Davenport	Key's Pointe Phase IB	Construction of???? affordable rental units	Financing Stage 2 nd Quarter – FY 2017	\$22.2M



FY 17 Development Projects

Development	Project Name	Scope	Anticipated Advertising Quarter	Estimated Range (Millions)
Hollins House Developer: CPDC Contact: Stacie Birenbach (sbirenbach@cpdc.org)	RAD Phase I- Hollins House	Substantial Rehab	In construction	\$25.7 MM
Primrose Place Developer: CHP Contact: Sarah Brown (sbrown@chpc2.org)	RAD Phase I- Primrose Place	Substantial Rehab	Financing Stage 2 nd Quarter – FY 2017	\$17.7 MM
Chase House Developer: Homes for America (diane@homesforamerica.org)	RAD Phase I- Chase House	Substantial Rehab	Financing 2 nd Quarter – FY 2017	\$35.9 MM



Job Order Contracting Contractors

Paige Industrial
Services, Inc.

Frederick Gramlich
[rick@paige-inc.](mailto:rick@paige-inc)

(301-386-0877)

Adrian L. Merton, Inc.

Christopher B. Merton
cmerton@almerton.com

(301-336-7900)

Vigil Contracting, Inc.

J. J. Vigil
jj@vigilbusiness.com

(410-451-9510)



<http://www.baltimorehousing.org>

Construction and Professional Services Contracts

Monica Watkins	Deputy Chief (443-984-1790) Construction, Engineering & Facilities Management <u>monica.watkins@habc.org</u>
Michael Wodka	Acting Director (410-396-8468) Engineering & Capital Improvements
Vacant	Sr. Asst. Director (410-396-4468) Energy & Environmental Programs
Buzz Wolfe	Director (410-396-1243) Construction Services (HABC Co) <u>Buzz.Wolfe@habc.org</u>



<http://www.baltimorehousing.org>

Division of Procurement & Contracting

Steven Suit Director **(443-984-1808)**
Procurement & Contracting
Steve.Suit@habc.org

John Airey Chief **(410-396-3261)**
Contracting Services

Development Work

Interim Director **(443-984-1873)**
Office of Planning and Development
Peggy.Webster@habc.org

FY 2017 Design & Construction Presentation

July 6, 2016

BALTIMORE CITY

DPW

DEPARTMENT OF PUBLIC WORKS

RUDOLPH S. CHOW, P. E.
DIRECTOR

cleanwaterbaltimore

www.cleanwaterbaltimore.org

<http://www.bluewaterbaltimore.org/>



VALENTINA J. LUCIFORAKA
SUPERVISOR



STEPHANIE
KAWINSKI-BLANK
MANAGER



ALMAM YVES
ACTING DEPUTY MANAGER

Department of Public Works

Mission

We support the health, environment, and economy of our City and the region by providing customers with safe drinking water and keeping neighborhoods and waterways clean.

Vision

To be a strong proponent and protector of our environment and the health and vitality of our communities.

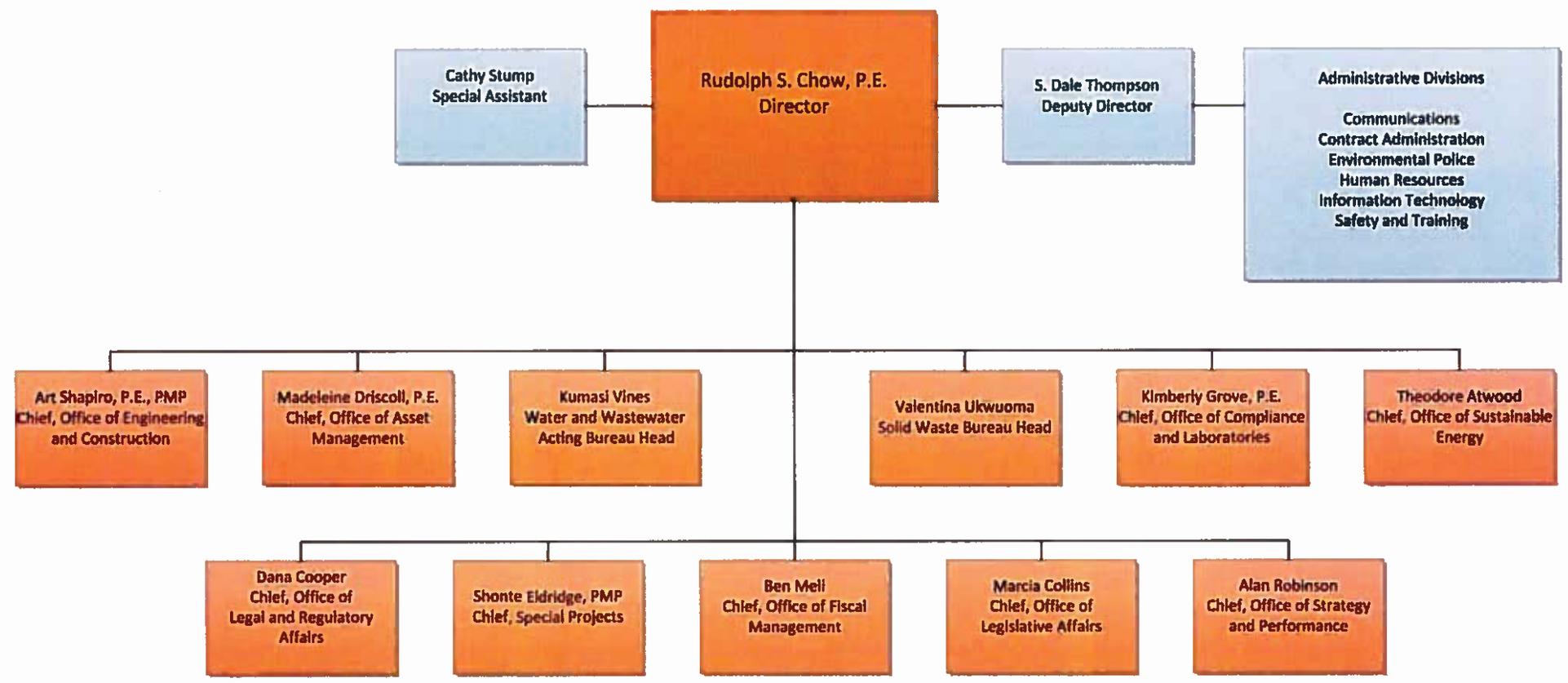


**Baltimore City
Department of Public Works Overview**



Department of Public Works

Office of the Director



9/9/2015



Baltimore City Department of Public Works Overview



FY 2017 Capital Improvement Program Summary (Millions)

➤ Solid Waste	- Program 517	= \$	2.900
➤ Stormwater	- Program 520	= \$	0.432
➤ Environmental Services	- Program 525	= \$	15.020
➤ Wastewater	- Program 551	= \$	193.589
➤ Water	- Program 557	= \$	58.698

FY 2017 Total > \$ 270 Million



Baltimore City
Department of Public Works Overview



Solid Waste Program 517

General Fund Priority Requests

<u>CIPI No.</u>	<u>Project (Listed in Priority Order)</u>	<u>Appropriation (Millions)</u>
517-005	Street Sweeping Route Signs (FY 2017)	\$2.9
517-001	Bowleys Lane NE Collection Yard (FY 2018 & 2019)	\$6.0
517-911	Quarantine Road Landfill Site Improvements (FY 2020)	\$1.0
517-006	Franklinton Road Facility Rehabilitation (FY 2020)	\$1.9

FY 2017, 2018, 2019, & 2020 Total = \$11.8

Planning Target Funding = \$ 0 to 3.0 Million / Fiscal Year



Baltimore City
Department of Public Works Overview



Solid Waste Program 517 Street Sweeping Sign Funding Priority

517-005 Street Sweeping Route Signs (FY 2017) \$2.9 Million

Street Sweeping
This Wednesday
 8 a.m. to 4 p.m.
Please move your vehicle

Better Schools. Safer Streets. Stronger Neighborhoods

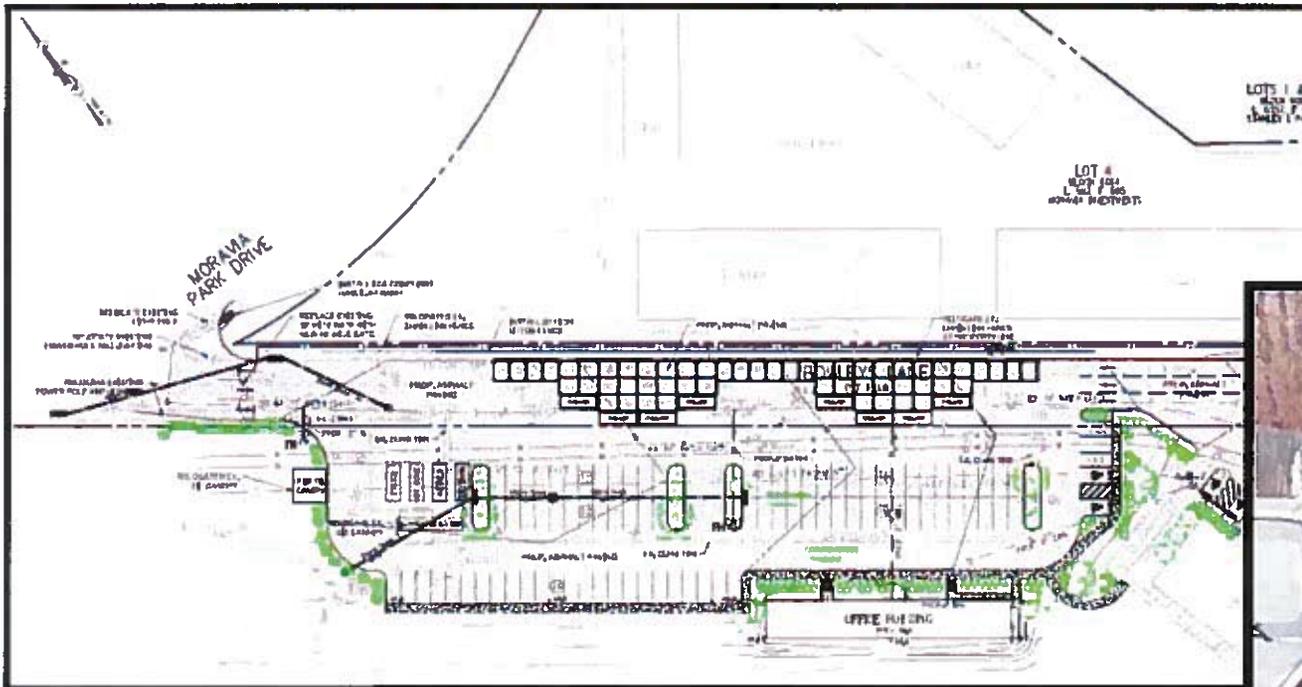


Baltimore City
Department of Public Works Overview



Solid Waste Program 517 FY 2018 and FY 2019 Highlights

Bowleys Lane NE Collection Yard Improvements



Justification:

- Supports the mayoral initiative for a cleaner and healthier city
- Brownfields project utilizing facility for disposal/recycling purposes.
- Improves public access & meets State health and safety standards.
- Design 100% complete & construction ready.

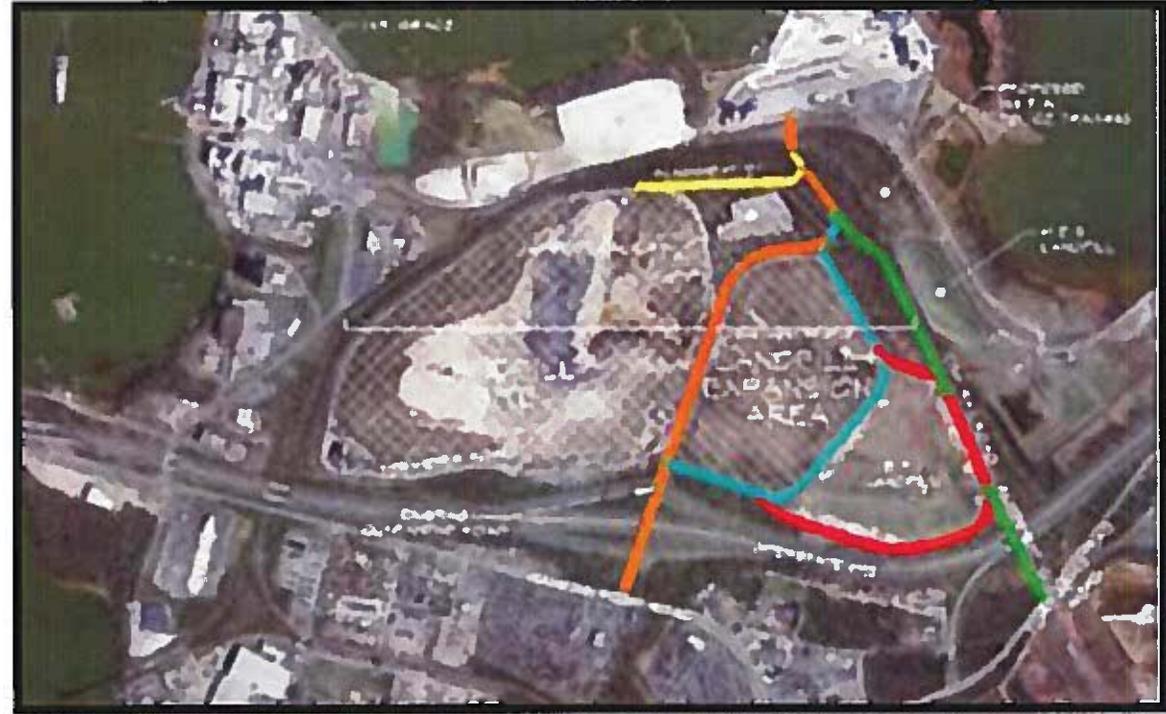


**Baltimore City
Department of Public Works Overview**



Solid Waste Program 517 Long Term Capital Needs

Quarantine Road Landfill Expansion



Justification:

- Millennium acquisition extends disposal independence.
- Expansion adds 20 years of landfill life & over \$120M of revenue.
- Site use saves over \$10 million of removal costs and landfill cover material costs.



**Baltimore City
Department of Public Works Overview**



Stormwater Program 520

Priority Requests

<u>CIPI No.</u>	<u>Project</u>	<u>Appropriation (Million)</u>
520-009	Urgent Needs Small Storm Drain Repairs (FY 2017)	\$ 0.432
520-003	Cherry Hill Drainage Improvements (FY 2018)	\$ 3.491
520-009	Urgent Needs Small Storm Drain Repairs (FY 2018)	\$ 4.558
520-005	Harris Creek Storm Drainage (FY 2018)	\$ 7.717
520-011	Stormwater Management Mitigation (FY 2018)	\$ 1.853
520-069	North Point Road Storm Drain (FY 2018)	\$ 4.721
520-715	Northeast Baltimore Drainage Improvements (FY 2018)	\$ 3.566
FY 2017 and FY 2018 Totals		= \$26.338

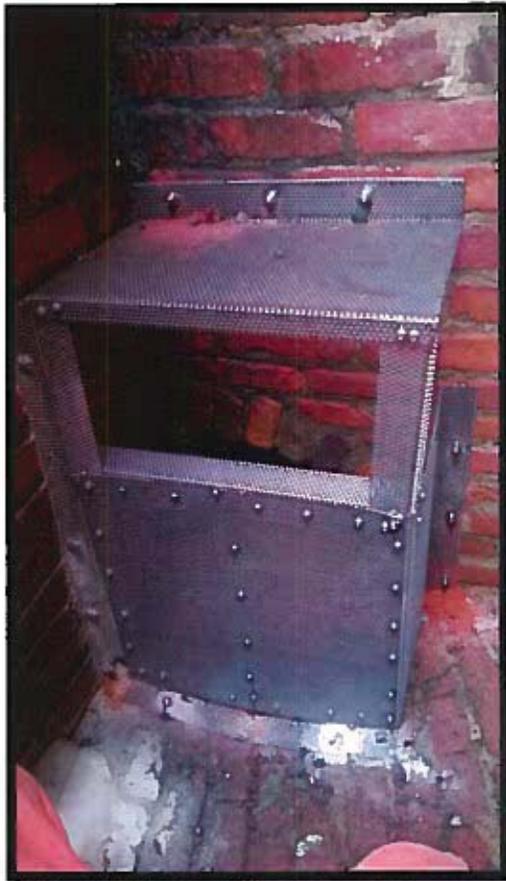


Baltimore City
Department of Public Works Overview



Stormwater Program 520 FY 2017 Highlights

Debris Collector Examples



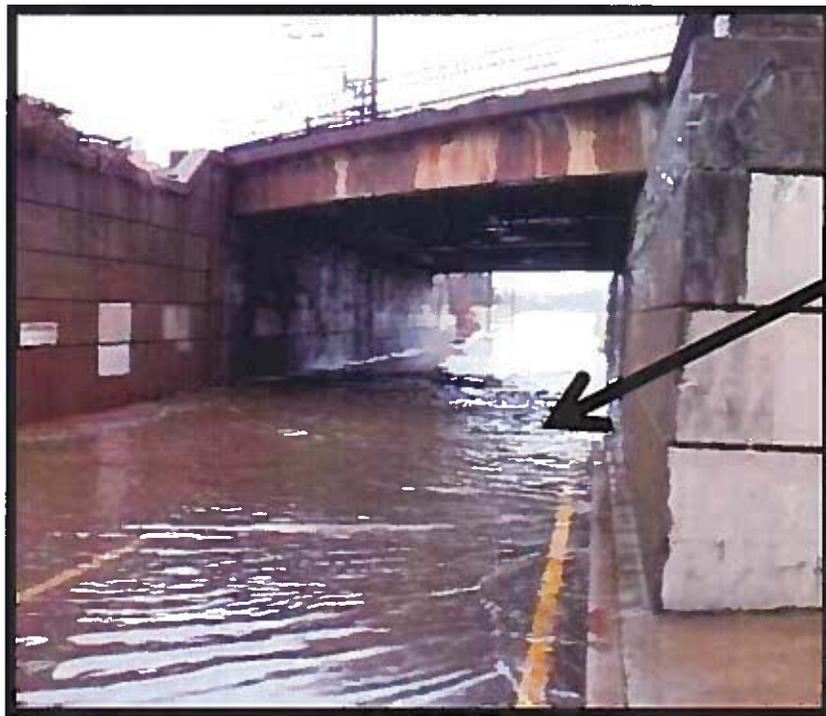
Baltimore City
Department of Public Works Overview



Stormwater Program 520

Long Term Capital Needs

- **Aging Infrastructure. Anticipated > \$2 Billion cost**
- **MS4 Permit: 20% Impervious Area Restoration in 5 years. Anticipated \$200 Million cost**



Street flooding problems



Patapsco Ave. underpass flooding



Baltimore City
Department of Public Works Overview



Environmental Services Program 525

FY 2017 Priority Requests

<u>CIPI No.</u>	<u>Project</u>	<u>Appropriation (Millions)</u>
525-004	Small Stormwater Management BMPs	\$ 2.005
525-007	Street Sweeping Route Signs	\$ 2.900
525-008	Stormwater MS4 Grant Funding	\$ 6.100
525-405	Citywide Stream Restoration	\$ 1.555
525-406	Impervious Removal/Greening	\$ 0.863
525-407	Large Stormwater BMPs	\$ 0.613
525-449	Baltimore Harbor & Middle Branch Debris Collectors	\$ 0.984

FY 2017 Total = \$ 15.020



Baltimore City
Department of Public Works Overview



Environmental Services Program 525 FY 2017 Highlights

Stream Restoration Results

University
Parkway over
Stony Run



Stony Run
Restoration

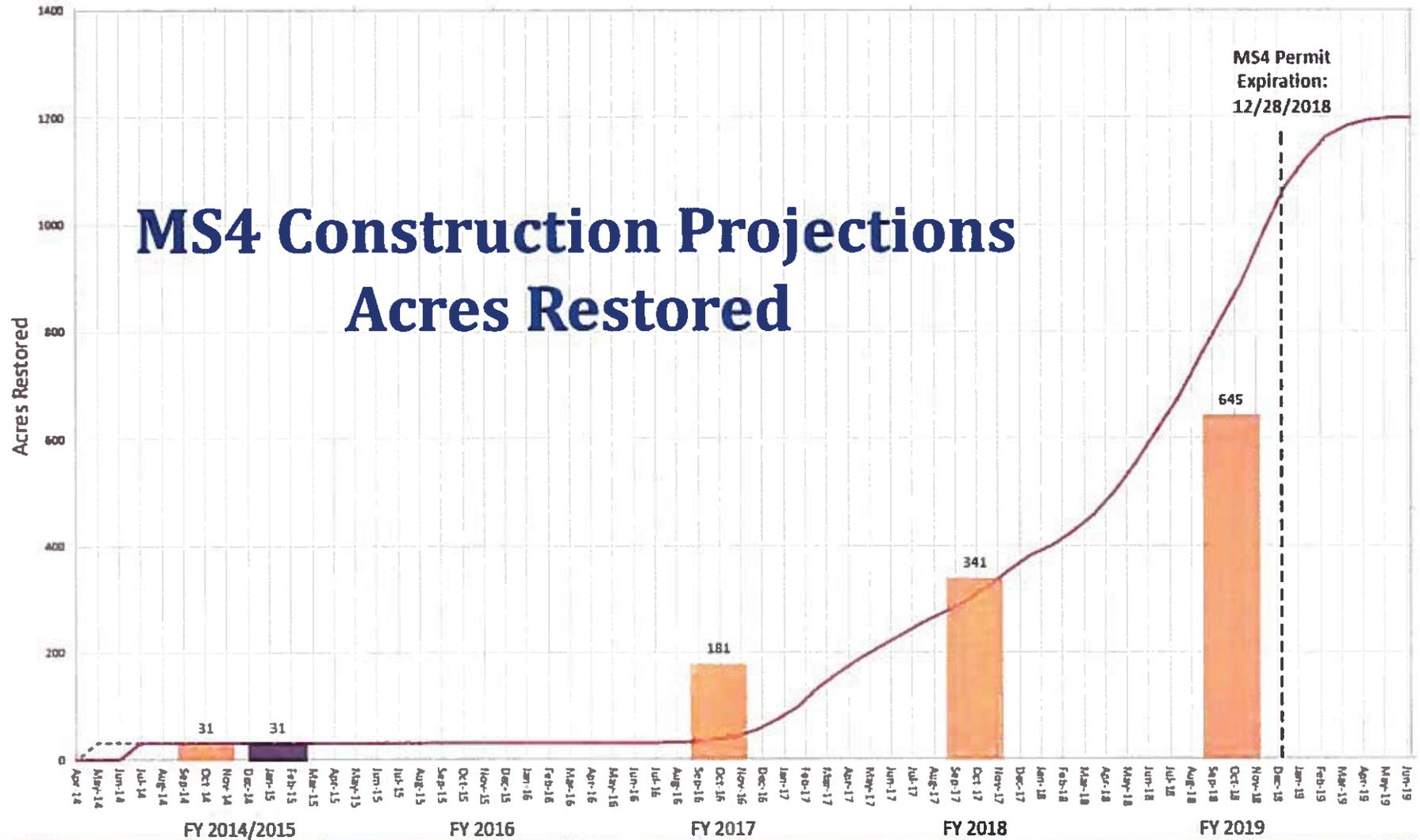


Baltimore City
Department of Public Works Overview



Environmental Services Program 525

Long Term Capital Needs



Baltimore City
Department of Public Works Overview



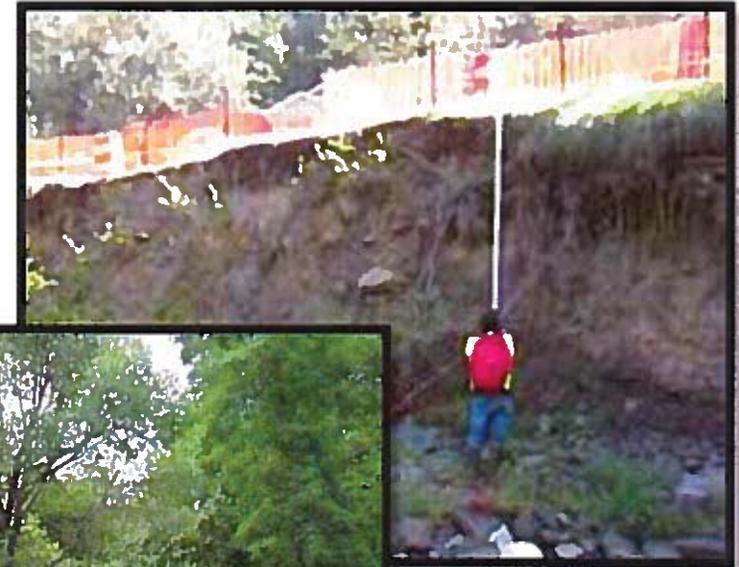
Environmental Services Program 525

Long Term Capital Needs

15

Kelly Avenue Stream Erosion

- Public Safety Concerns
- Street Damage/Collapse
- Public Utilities at Risk



Baltimore City
Department of Public Works Overview



Wastewater Program 551

FY 2017 Priority Requests

<u>CIPI No.</u>	<u>Project</u>	<u>Appropriation (Millions)</u>
551-003	House Lateral Connection Upgrade Program	\$ 12.281
551-019	Patapsco WWTP Secondary Reactor Rehabilitation	\$ 0.356
551-021	Wastewater State Grant Applications	\$130.000
551-022	Eastern Avenue Pump Station Rehabilitation	\$ 1.728
551-533	Annual Facilities Improvements	\$ 2.884
551-614	Dundalk Sewershed - System Rehabilitation Program	\$ 0.675
551-622	Gwynns Falls Sewershed - System Rehabilitation Program	\$ 4.416
551-689	Back River - Headworks & Wet Weather Flow Equalization	\$ 41.240
FY 2017 Total		= \$193.589

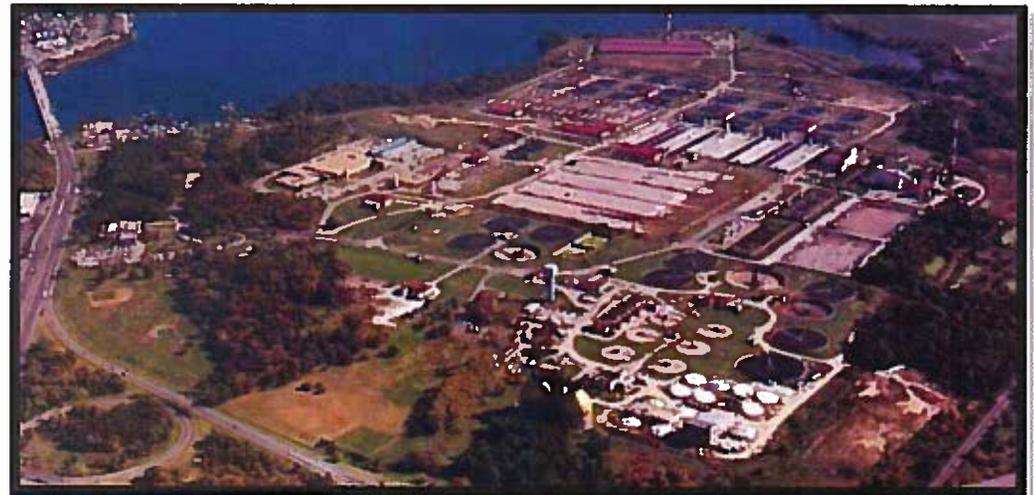


Baltimore City
Department of Public Works Overview



Wastewater Program 551 Long Term Capital Needs

**Federally mandated Consent Decree.
Anticipated > \$1.5 Billion cost**



**EPA regulations are requiring
upgrades at treatment plants to
protect the Chesapeake Bay.
Anticipated \$1.0 Billion cost**



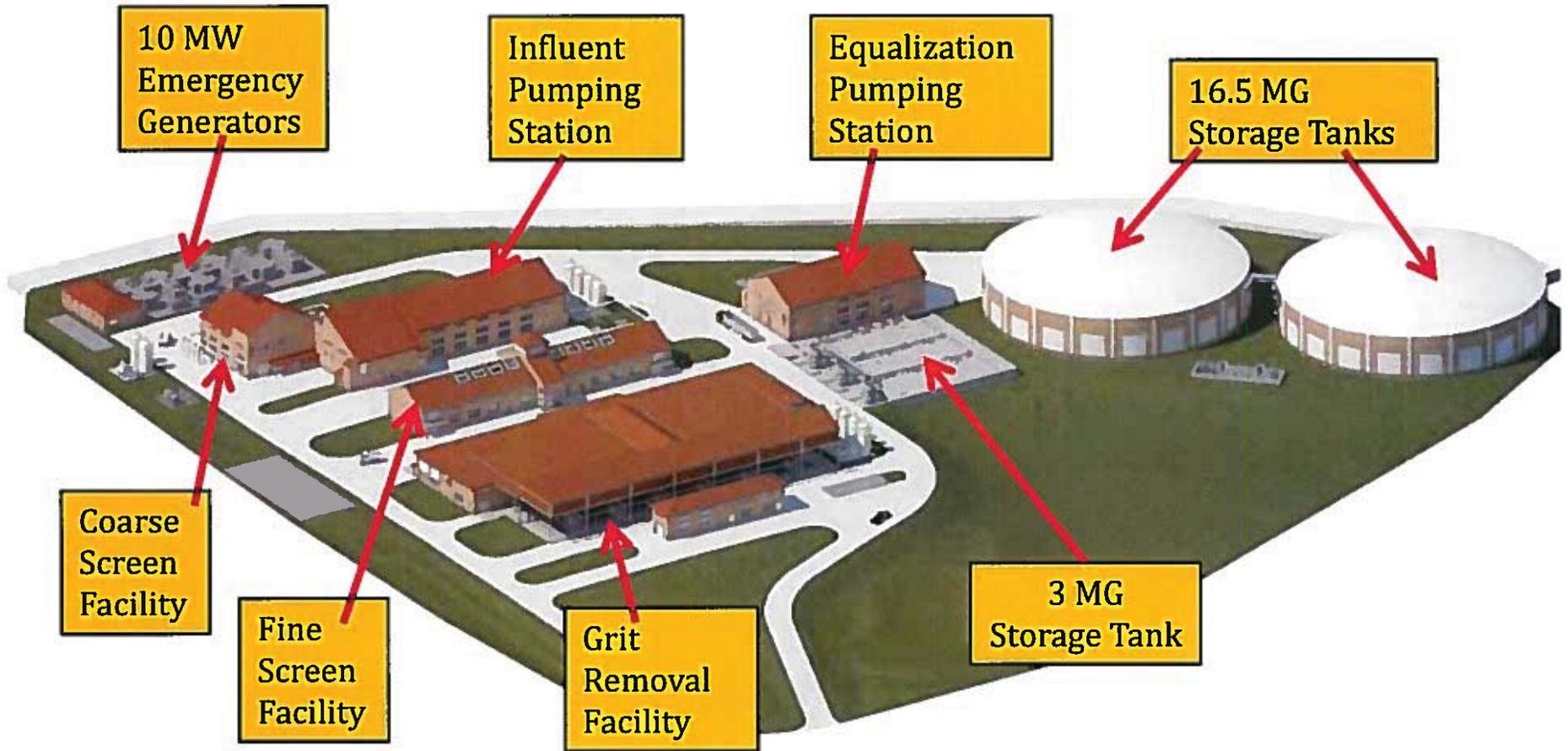
**Baltimore City
Department of Public Works Overview**



Wastewater Program 551

FY 2017 Highlights

Improvements to the Headworks and Wet Weather Flow Equalization Back River WWTP (SC-918)



Baltimore City
Department of Public Works Overview



Water Program 557

FY 2017 Priority Requests

<u>CIPI No.</u>	<u>Project</u>	<u>Appropriation (Millions)</u>
557-100	Water Infrastructure Rehabilitation	\$ 18.757
557-716	Druid Lake Finished Water Reservoir Improvements	\$ 28.213
557-926	Towson Pump Station Rehabilitation	\$ 11.728
FY 2017 Total		= \$ 58.698



Baltimore City Department of Public Works Overview



Water Program 557

Finished Water Reservoir Highlights

Long Term 2 Enhanced Surface Water Treatment Rule (LT2) requirements to cover or post-treat water from the City's five (5) Open Finished Water Reservoirs (Montebello 2, Towson, Guilford, Druid Lake, and Ashburton Lake) in accordance with MDE Settlement Agreement.



Baltimore City
Department of Public Works Overview



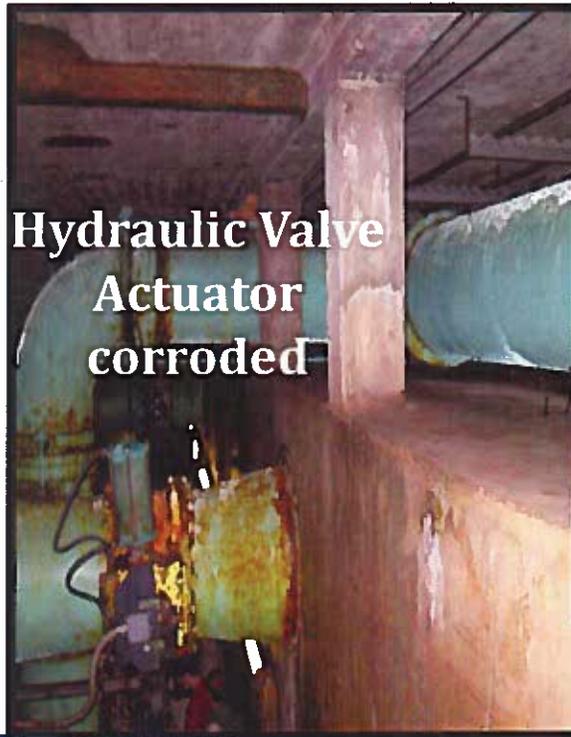
Water Program 557

Long Term Capital Needs

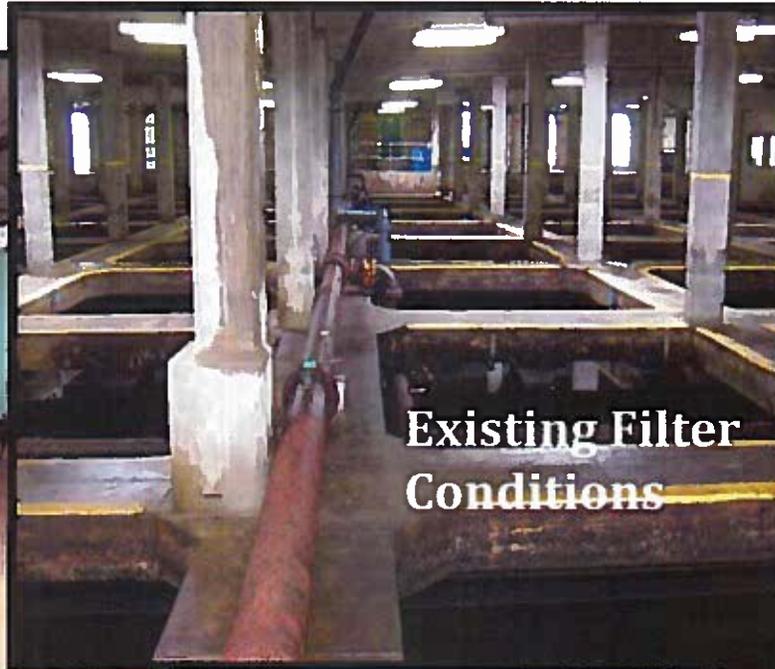
Montebello WFP Renovations

WC 1190 >\$ 40 Million - Mechanical/Structural Work

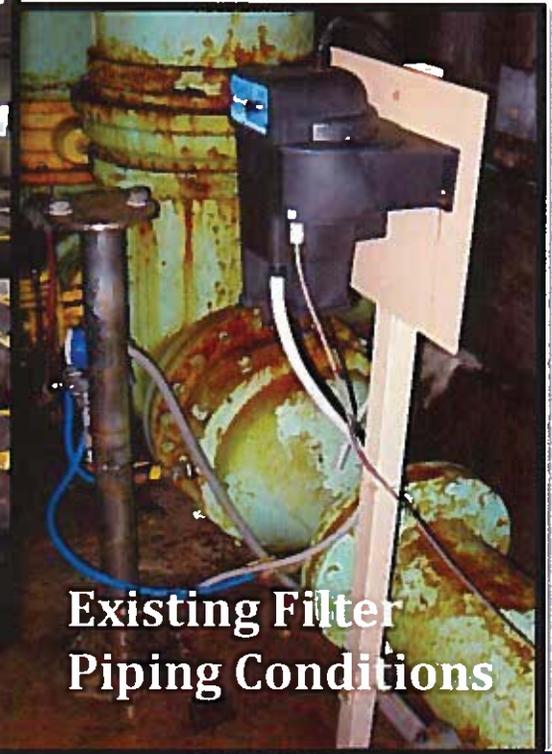
WC 1328 >\$ 20 Million - Electrical/Controls Work



Hydraulic Valve Actuator corroded



Existing Filter Conditions



Existing Filter Piping Conditions



Baltimore City
Department of Public Works Overview



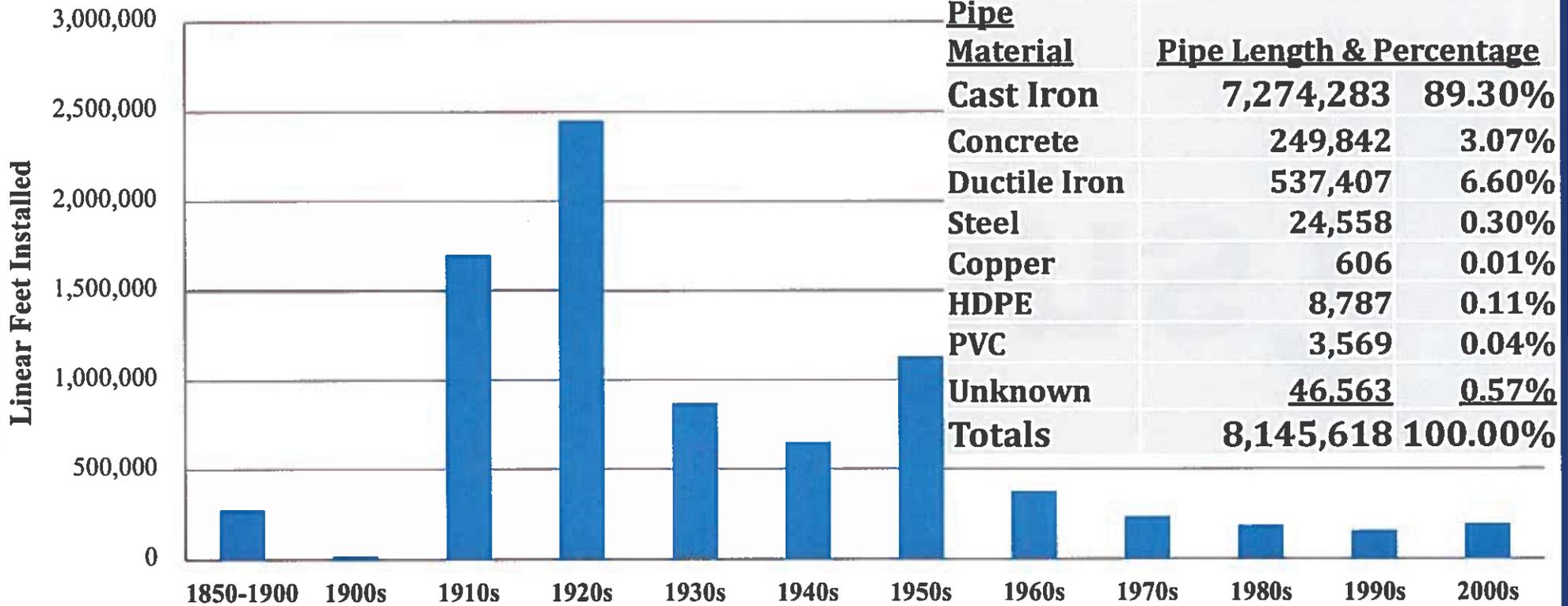
Water Program 557

Long Term Capital Needs

Average Age of Water Main Assets

Approximately 75 Years

Baltimore City Water Main Installation by Decade



Pipe Material	Pipe Length & Percentage
Cast Iron	7,274,283 89.30%
Concrete	249,842 3.07%
Ductile Iron	537,407 6.60%
Steel	24,558 0.30%
Copper	606 0.01%
HDPE	8,787 0.11%
PVC	3,569 0.04%
Unknown	46,563 0.57%
Totals	8,145,618 100.00%



Baltimore City
Department of Public Works Overview



FY 2017 Design & Construction Presentation

Questions?

Web Links:

<http://www.bluewaterbaltimore.org>

<http://cityservices.baltimorecity.gov/DCP/ProjectList.aspx>

<http://www.baltimorecity.gov/Government/AgenciesDepartments/Planning/PlanningCommission.aspx>

cleanwaterbaltimore
www.cleanwaterbaltimore.org



**Baltimore City
Department of Public Works Overview**





BALTIMORE CITY
RECREATION & PARKS

William Vondrasek, Acting Director

FY 2017 Design and Construction Department Summary

Recreation & Parks - \$18.6 to \$32.2 Million



Department of Recreation & Parks

Mission and Vision

- **Mission:** *to improve the health and wellness of Baltimore through quality recreational programs, preserving our parks and natural resources, and promoting fun, active lifestyles for all ages.*
- **Vision:** *to build a stronger Baltimore one community at a time through:*
 - *Conservation*
 - *Health and Wellness*
 - *Social Equity*





Department of Recreation & Parks

Capital Improvement Program

- 9 construction projects from the FY 10, FY15 and FY 16 Capital Improvement Programs with a budget of up to \$32 million dollars are due to be advertised in Fiscal Year 2017 (July 2016 – June 2017).



Department of Recreation & Parks

Project Types

- Playgrounds
- Recreation Centers
- Parks
- Trails
- Park Buildings





Department of Recreation & Parks

PROJECT	RANGE	PROJECTED ADVERTISEMENT
Jones Falls Trail, Phase V	\$5,000,000 - \$10,000,000	1st Quarter
Canton Park Parking Lot	\$100,000 - \$200,000	1st Quarter
Latrobe Park Field House	\$500,000 - \$1,000,000	1st Quarter
Cherry Hill Recreation Center	\$10,000,000 - \$15,000,000	2nd Quarter
Clifton Park Tennis and Parking Improvements	\$500,000 - \$1,000,000	2nd Quarter



Department of Recreation & Parks

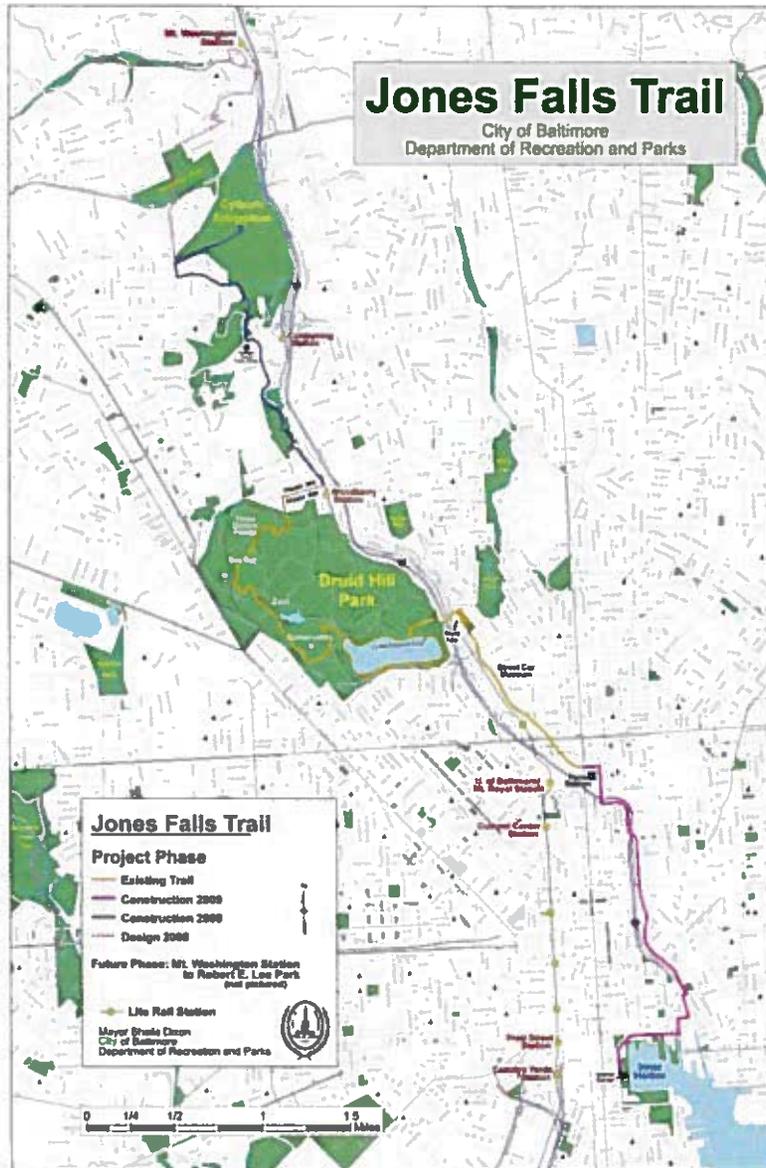
PROJECT	RANGE	PROJECTED ADVERTISEMENT
Pool ADA Improvements (Patterson, Clifton, and Cherry Hill Park)	\$500,000 - \$1,000,000	3rd Quarter
Catherine / ABC Park	\$500,000 - \$1,000,000	4th Quarter
Playlots FY16 (Rosemont, 30 th & Miles, Vincent St., Hanlon, Dypski Park)	\$500,000 - \$1,000,000	4th Quarter
Winan's Meadow Nature/Visitor Center	\$1,000,000 - \$2,000,000	4th Quarter

Jones Falls Greenway, Phase V

Project is to construct a hiker/biker/walking trail from Cylburn Arboretum to Mt. Washington.

1st Quarter.

Budget: \$5 - \$10 million



Canton Park Parking Lot



Resurface the parking lot and boat launch ramp.

1st Quarter

Budget: \$100,000 to \$200,000

Latrobe Park Field House



New field house with restrooms and storage

1st Quarter

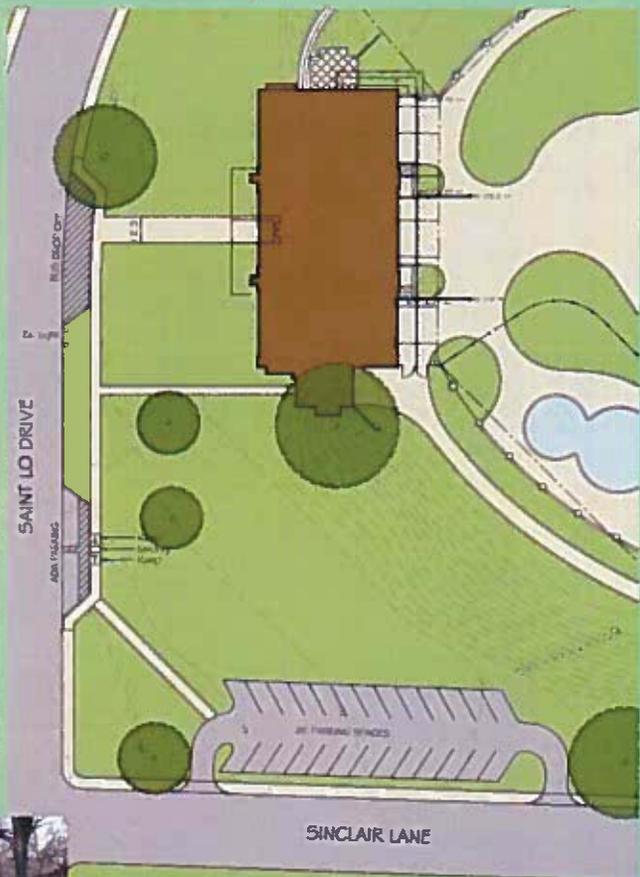
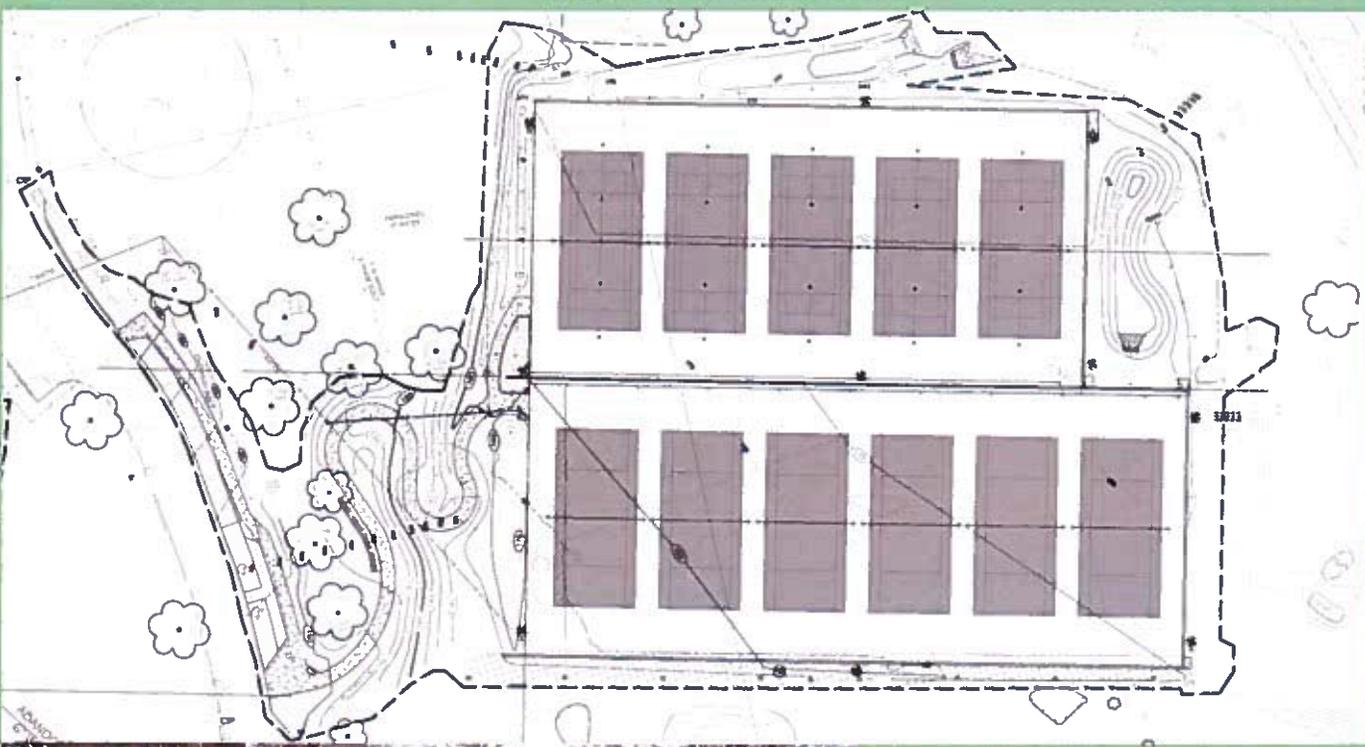
Budget: \$500,000 to \$1,000,000

Cherry Hill Recreation Center



Funds will be used to replace and co-locate the existing Cherry Hill Indoor Pool with the Community Center. 2nd Quarter
Budget: \$10 to \$15 Million

Clifton Park Tennis Courts and Parking Improvements



Project includes renovating the tennis courts in Clifton Park, installing a new parking lot by the Clifton Park Recreation Center as well as removing some unused park roads. 2nd Quarter

Budget: \$ 500,000 to \$1,000,000

Pool ADA Improvements (Patterson, Clifton and Cherry Hill)



Renovate the Cherry Hill, Clifton, and Patterson wading pools to comply with the ADA guidelines
Budget: \$100,000 to \$500,000

Playlot Renovation (Rosemont, 30th & Miles, Vincent St., Hanlon, Dypski Park)

Budget \$500,000 - \$1,000,000

4th Quarter



Playgrounds will be renovated to include new play equipment, safety surfaces, benches and paths in compliance with all required guidelines for safety and accessibility.

Winans Meadow Nature/Visitor Center

4th Quarter

Budget: \$1,000,000 to \$2,000,000



Department of Recreation & Parks



BALTIMORE CITY
RECREATION & PARKS

Baltimore City Annual Contractor/Consultant Presentation

July, 2016

Paul Taylor

Paul.Taylor@baltimorecity.gov

Office of Capital Development, Department of Recreation & Parks

410-396-7948



Baltimore City
Department of Transportation



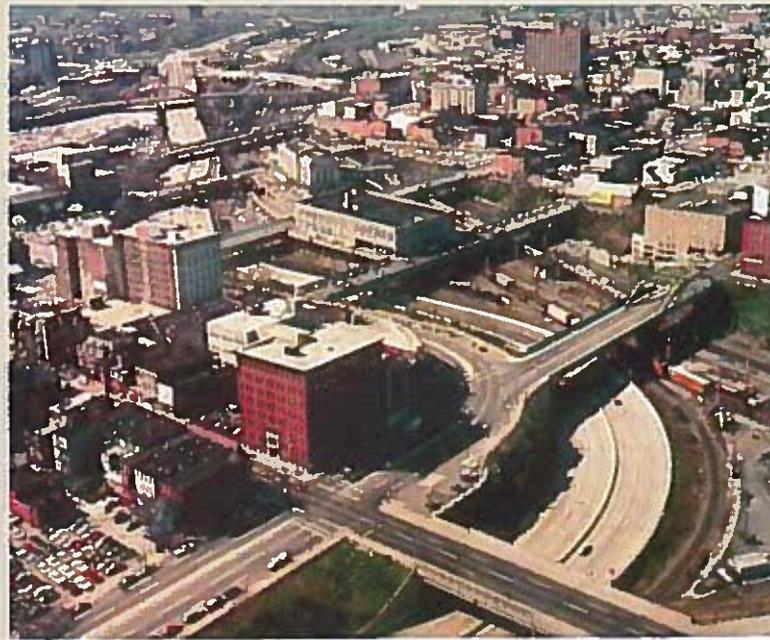
Fiscal Year 2017
Design & Construction Projects

Stephanie Rawlings-Blake, Mayor
Frank J. Murphy, Acting Director of Transportation

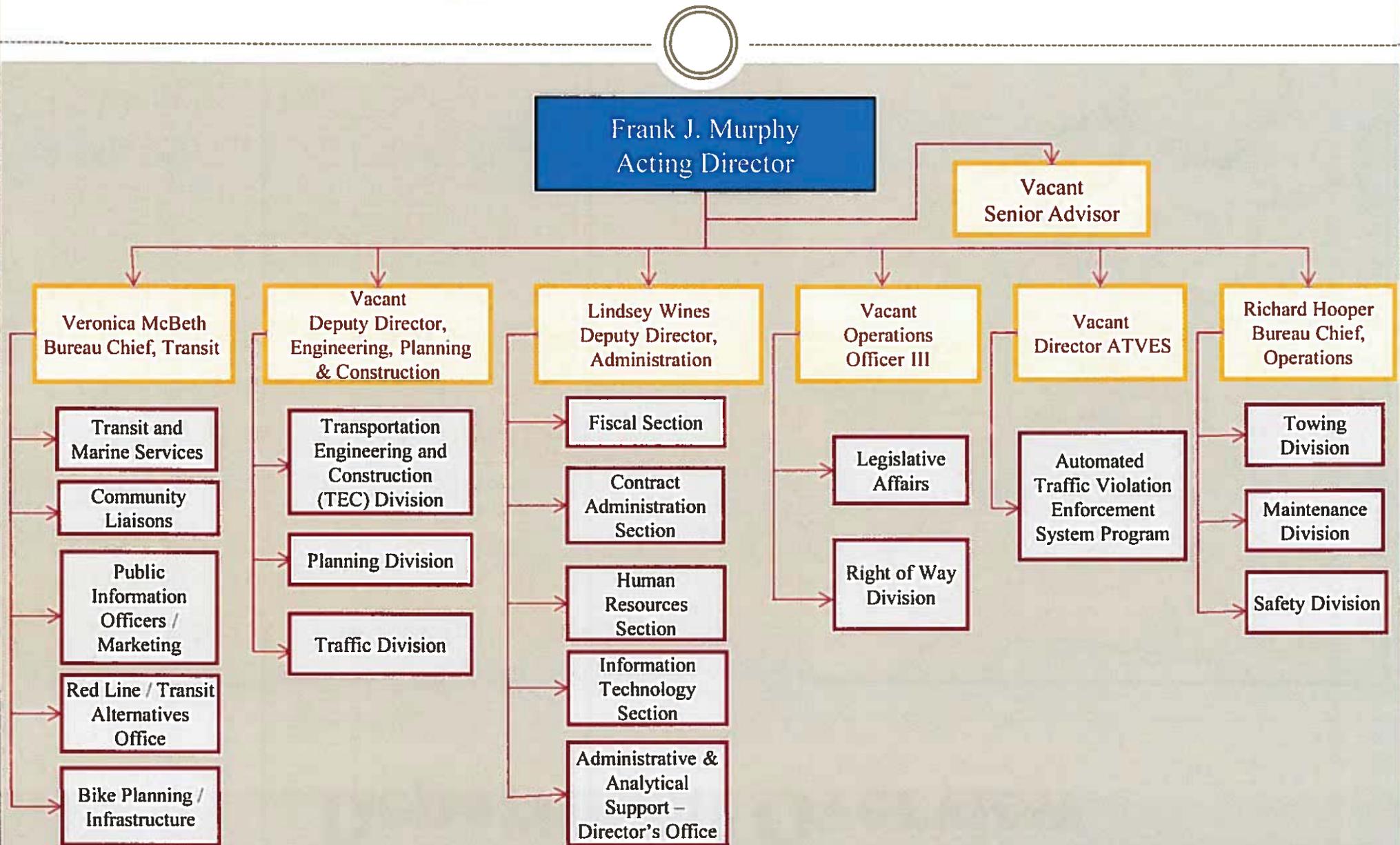
Mission Statement



*To help **grow Baltimore by 10,000 families** in 10 years, we provide a safe and sustainable multi-modal transportation system.*



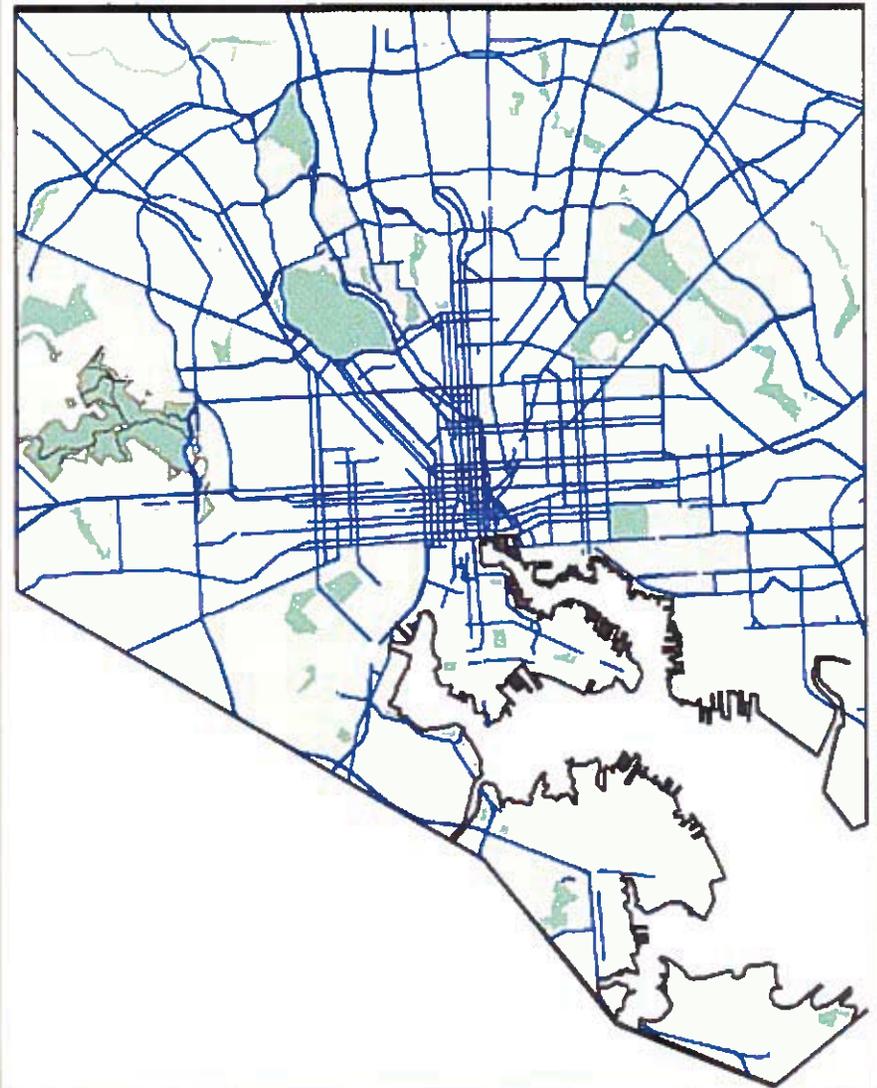
Organization Chart



Department Overview

The Department of Transportation is responsible for the planning, designing, building and maintenance of:

- 5,000 lane miles of roadways
- 7 miles of interstate highways
- 298 bridges and culverts
- 3,600 miles of sidewalks/curbing
- 456 miles of alleys
- 80,000+ street lights
- 1,350 signalized intersections
- 250,000 traffic and info. signs
- 13.8 million linear feet of conduit
- Over 7 bike lane miles
- Charm City Circulator

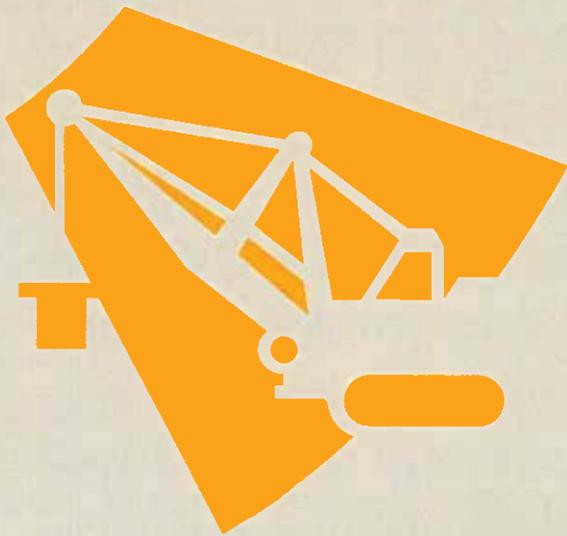


Department Goals



- To restore deteriorated alleys, sidewalks and roadways.
- To rehabilitate bridges and road structures.
- To improve the City's traffic control system.
- To establish transportation hubs and coordinate inter-modal transportation cohesiveness to serve citizens more efficiently.
- To improve and expand the conduit system so that it is effective in meeting the needs of the expanding growth in Baltimore.
- To improve signage and eliminate faded signs.
- To improve City lighting by focusing on major gateways and high crime areas.
- To examine, evaluate and streamline transportation processes from concept to construction.
- To support the City's economic growth, downtown redevelopment and other urban renewal and community programs.

Summary



CONSTRUCTION

➤ ***35 Projects – Over \$150 million***

Complete Streets Essentials



- **Elements**

- Sidewalks, Safe Crossings, Crosswalks
- ADA Curb Ramps and Accessible Routes
- Pedestrian Refuge Areas
- Street Trees for Shade
- Amenities (benches, receptacles, structures, art)
- Pedestrian lighting
- Pedestrian signage and signals
- Bicycle Facilities, Signage, Signals
- Street Lighting
- Designated Bus lanes, Transit Signage and Signals
- Designated Truck Routes with Lane widths and intersection geometry
- Safe at grade rail crossings, separated rail and roadway crossings
- Freight signage and Signals

- **Focus on Users and Modes**

- Walking
- Transit
- Passenger vehicles
- Bicycling
- Freight



FY17 Transportation Planning Projects



Project	Limit	Range	Projected Advertisement
Boston Street Multimodal Corridor Study	Boston Street from I-95 to South Lakewood Avenue	\$100K - \$500K	1 st Quarter

FY17 Transportation Transit Bureau Projects



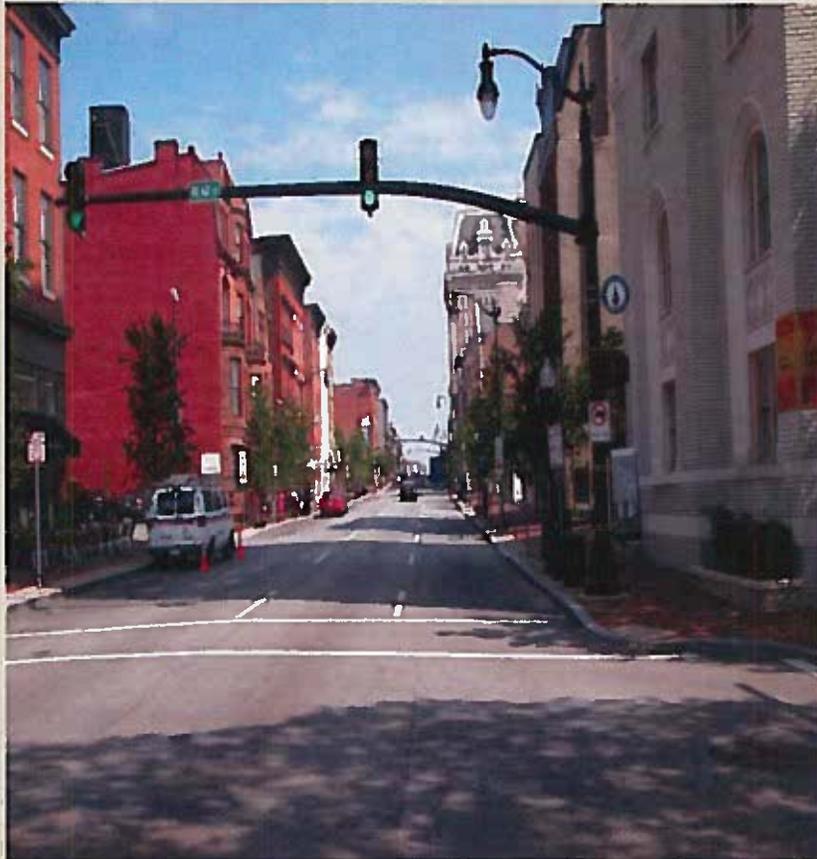
Project	Limit	Range	Projected Advertisement
Electric Ferry Boat / Marine Transit Project Management Services	Inner Harbor	\$100K – \$500K	3 rd Quarter
Electric Ferry Boat Design & Construction Services	Inner Harbor	\$500K – \$1M	3 rd Quarter

FY17 Bridge Construction Projects



Project	Limit	Range	Projected Advertisement
Repairs to Various Bridges and Safety Improvements along I-83 from 28 th Street to Northern Parkway	Over Jones Falls and City Streets	\$4M - \$5M	1 st Quarter
Edison Hwy Bridge Rehab	Over Amtrak	\$1M - \$2M	2 nd Quarter
Replacement of Three Bridges (Waterview, Annapolis, Maisel)	Over MD 295	\$30M - \$40M	2 nd Quarter
Harford Rd. Bridge	Over Herring Run	\$20M - \$30M	2 nd Quarter
Hawkins Point Rd Bridge Replacement	Over CSX	\$15M - \$20M	2 nd Quarter
Inner Harbor Water Taxi Terminal	Inner Harbor – Pier I	\$2M - \$3M	1 st Quarter

Streetscape Essentials



- Resurfacing
- Curbs and sidewalks
- Ornamental lighting
- Tree pits/Landscaping
- ADA Compliant Ped ramps/Sidewalks
- Median improvements
- Crosswalks
- Conduits
- Signal improvements
- Stormwater management facilities

FY17 Streetscape Construction Projects



Project	Limit	Range	Projected Advertisement
Improvements to Broadway Square	Thames St – Lancaster St	\$3M - \$4M	1 st Quarter
Midtown Streetscape	Mt. Royal Ave - North Avenue to Guilford Avenue	\$5M - \$10M	2 nd Quarter
Key Highway/ Light Street Intersection Improvements	Key Hwy – Light Street to Covington Light Street – Lee Street to Key Hwy	\$5M - \$10M	1 st Quarter
Greenmount Avenue Streetscape	29 th St – 43 rd St	\$5M - \$10M	3 rd Quarter
North Ave & Pennsylvania Ave Intersection Improvements	North Ave & Pennsylvania Ave	\$1M - \$2M	4 th Quarter
Loch Raven Reservoir Culverts & Roads	Loch Raven	\$5M - \$10M	1 st Quarter

Reconstruction Criteria



- Full depth reconstruction of the roadway
- Curbs and sidewalks
- Drainage improvements
- Pavement markings
- Lighting improvements
- Utility upgrades

FY17 Reconstruction Projects



Project	Limit	Range	Projected Advertisement
Park Circle Intersection	Reisterstown Rd – Park Heights Ave – Druid Pak Drive Intersection	\$5M- \$10M	1 st Quarter
Geometric Safety Improvements Phase IIA	Corse Ave & Frankford Ave, Hamilton Ave & Frankford Ave	\$2M - \$3M	2 nd Quarter
Geometric Safety Improvements Phase IIB	Liberty Heights Ave & N. Rogers Intersection	\$2M - \$3M	4 th Quarter

Resurfacing Scope of Work



- Milling & overlay
- Base repair
- Curb & sidewalk
- Structure adjustments
- ADA compliance pedestrian ramps

FY17 Resurfacing Construction Projects



Project	Limit	Range	Projected Advertisement
Sector Resurfacing (4 Sectors)	Project Limits based on each Sector need	\$2M - \$3M (each)	2 nd & 3 rd Quarters
JOC Resurfacing	Citywide	\$1M - \$2M	2 nd Quarter
Resurfacing Franklin Street	MLK to Edmonson Avenue	\$3M - \$4M	4 th Quater
Urgent Needs Resurfacing (1 Contract)	Citywide	\$1M - \$2M	2 nd Quarter

FY17 Alleys & Footways Construction Projects



Project	Limit	Range	Pro Advt Date
ADA Ramp Installations	Citywide	\$100K - \$200K	2 nd Quarter
Alley Reconstruction	Citywide	\$500K - \$1mill	3 rd Quarter
Slab Repairs	Citywide	\$300k - \$500K	3 rd Quarter
Curb Repairs	Citywide	\$300K - \$400K	3 rd Quarter
Footways Repairs (2 Contracts)	Citywide	\$500K - \$1M (Each)	3 rd , 4 th Quarter

FY17 Conduit Section's Construction Projects



Project	Limit	Range	Project Advertisement
Manhole Repair Contract (additional 65% MH's) (New Advertisement)	Citywide	\$3M - \$4M	1 st Quarter
Stadium Square (Construction)	Leadenhall	\$1M - \$2M	2 nd Quarter

FY17 Traffic Division's Construction Projects



Project	Limit	Range	Project Advertisement
ITS Deployment and Upgrades Citywide	Citywide	\$3M - \$4M	3 rd Quarter
Installation of fiber optics & copper communication systems Citywide	Citywide	\$2M - \$3M	3 rd Quarter
CCTV & signal Rewiring Citywide	Citywide	\$2M - \$3M	2 nd Quarter

FY 16 DOT Program Summary

Construction



Project	Number of Projects	Range
Planning	1	\$2M - \$3M
Transit	2	\$1M - \$2M
Bridge	6	\$90M - \$100M
Streetscape	6	\$20M - \$50M
Reconstruction	3	\$9M - \$20M
Resurfacing	7	\$10M - \$20M
Alleys & Footways	5	\$2M - \$3M
Conduits	2	\$4M - \$6M
Traffic	3	\$7M - \$10M
Totals	35	Over \$150 million

Contact Information



Project Type	Contact Person	Contact Number
Engineering and Construction Division Chief	Mr. Bimal Devkota	410-396-6930
Bridges	Mr. Scott Weaver	410-396-6935
Reconstruction & Streetscape	Mr. Manmohan Singh	410-396-6915
Resurfacing/Signal Construction	Mr. Kirk Gabriel	410-396-6956
Alleys & Footways	Mr. Satinder Kang	410-396-6967
Engineering Reviews	Mr. Alvaro Lozano	410-396-6946
Conduits Engineering	Mr. Tavon Braxton	410-396-6812
Traffic	Mr. Graham Young - (Deputy Chief)	443-984-2150
Traffic Signals and ITS	Mr. Desmond Cole - (Deputy Chief)	443-984-2150
Planning	Ms. Valorie Lacour	443-984-4092
Transit	Ms. Veronica McBeth	410-396-6802

