Fiscal Year 2020 CAPITAL IMPROVEMENT PROGRAM Baltimore City Recreation & Parks



Presented by:

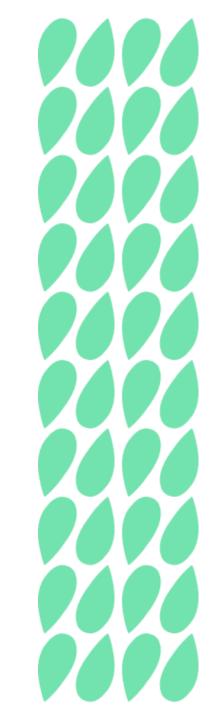
Reginald Moore, Executive Director

Adam Boarman, RLA, Chief of Capital Development



BCRP'S WAY

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



AGENCY OVERVIEW

- Baltimore City Recreation and Parks is comprised of 10 different Divisions and employs 306 people.
 - Recreation Center Operations (43 recreation centers)
 - Therapeutic Division
 - Aquatics Division
 - Youth and Adult Sports Division (20 programs)
 - Programming & Training Division
 - Senior Citizens Division
 - Forestry Division
 - Horticulture Division
 - Parks Maintenance
 - Capital Development & Planning



PARK ASSETS



263 parks



22,000+ volunteers



25+ miles of hiking and biking trails



4,600+ acres of parkland & 1,200 acres of urban wilderness parkland



23 pool locations



40 recreation centers



8 Youth & Adult **Sports programs**



3300+ registered participants



12 City **Farms**



18 picnic 12 pavilion groves groves



dog parks



120+ playgrounds



32 historic structures

SPECIAL FACILITIES



Howard P. Rawlings Conservatory



Cylburn Arboretum



Baltimore Rowing and Resource Center



Patterson Park **Boat Lake**



Carrie Murray Nature Center



Upton Boxing



Mt. Pleasant Ice Arena Skatepark of & Mimi DiPietro Family Baltimore & Carroll **Skating Center**



Park Skatepark

PARK AMENITIES







177 **Ball, Atheltic** and Turf Fields



Skateparks



AGENCY BUDGET (FY19)

- FY19 Operating Budget: \$50,205,685
 - Full-time Staff: 267
 - Administration: 54
 - Recreation: 118
 - Parks: 95
- FY19 Capital Budget: \$24,494,000
 - City Bond: \$7,325,000
 - General Funds: \$3,050,000
 - Highway User Revenue: \$600,000
 - State Grants: \$7,888,000
 - Casino Local Impact Funds: \$4,180,000
 - Other: \$1,055,000



CRITICAL ISSUES FOR THE AGENCY

- The demand for capital improvements in both parks and recreation facilities continues to be far in excess of the available capital funds.
- Significant assets are at risk of being lost or incurring severe damage creating health and safety risks to visitors and staff.
- Historic structures continue to exhibit structural issues.
- Basic infrastructure such as lighting, water, drainage structures and pathways are not functional or approaching the end of their life cycle.
- Facilities are dated and uninviting. As a result, it is difficult to attract certain users and compete with privately operated facilities.



RECENTLY COMPLETED CAPITAL PROJECTS

- Latrobe Park Field House(FY15)
- Ambrose Kennedy Park Improvements (FY16, 17)
- Hanlon Park & Vincent St. Playlots (FY16)
- 30th & Miles Playlot (FY16)
- Roosevelt: Skatepark of Baltimore Phase III (FY17)
- Union Square Comfort Station (FY15)
- Herring Run Stream Stabilization (FY17,18)





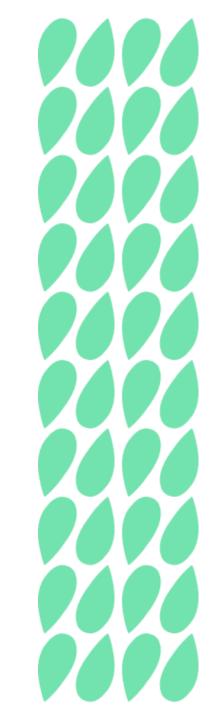






UNDER CONSTRUCTION

- Druid Hill Neighborhood Access (FY07)
- Jones Falls Trail Phase V (FY07, FY10)
- Gwynns Falls Comfort Station (FY15)
- McKim Park Playground (FY14)
- Clifton Park Tennis & Parking Improvements (FY14,15)
- Cahill Fitness & Wellness Center (FY 15,16,17,18)
- Shake & Bake Family Fun Center Bowling Alley (FY19)











ROUTINE CAPITAL NEEDS

- Rec Centers, Park Buildings, & Pools
- **\$1.5 Million** Routine upgrades/ replacements of roofs & MEP systems at rec centers, park buildings, and maintenance facilities based on findings from Facility Condition Assessment
- **\$1.5 Million** (3/yr x \$500,00 ea) Renovate 13% of Pools & Bath Houses
- Park & Facility Improvements
- **\$2.4 Million** (12/yr x \$200,000 ea) Renovate 10% of Park Playgrounds
- \$1.6 Million (22/yr x \$75,000 ea) Renovate 10% of Basketball/Tennis courts
- **\$2.4 Million** $(6/yr \times $400,000)$ Renovate 3% of Athletic fields
- \$1.6 Million (3,368+/yr x \$460 ea) Trees needed to replace tree loss per year

\$11 Million Total / year



LONG TERM CAPITAL NEEDS (10yr)

- Improvement of Recreation and Aquatics Facilities (est. \$165M \$180M)
- Improvement of Playgrounds, Athletic Courts and Playing Fields
- Implementation of Master Plans (Neighborhood Parks, Middle Branch, Canton
- Waterfront, Clifton, Patterson etc.)
- Park Building Renovations and Upgrades (Comfort Stations, Pavilions, Historic Buildings, Special facilities)
- Trail Enhancements and Major Repairs
- Long Term Park and Recreation System Master Plan



LONG TERM CAPITAL NEEDS (10yr)

Rec Centers & Aquatics

\$40 Million (Build 2 New Fitness & Wellness Centers)

\$20 Million (Renovate 5 Existing Rec Centers)

\$20 Million (Renovate 20 outdoor Pools + 5 Spray pads)

\$80 + Million Total

Park & Facility Improvements

\$90 Million (9 x \$10M) – Major Park Master Plan Implementation

\$20 Million - Upgrade 4 outdoor Athletic Field Complexes

\$60 Million (20 x \$3M) – Neighborhood Park Master Plan Implementation

\$7.5 Million (5 x \$1.5M) – Maintenance Yard Renovations

\$9 Million (30 x \$300,000) – Maintenance Structure Renovation

\$7 Million (35 x \$200,000) – Comfort Station Renovations

\$7.5+ Million Historic and Special Facilities — Unknown costs for unique situations.

\$200 + Million Total

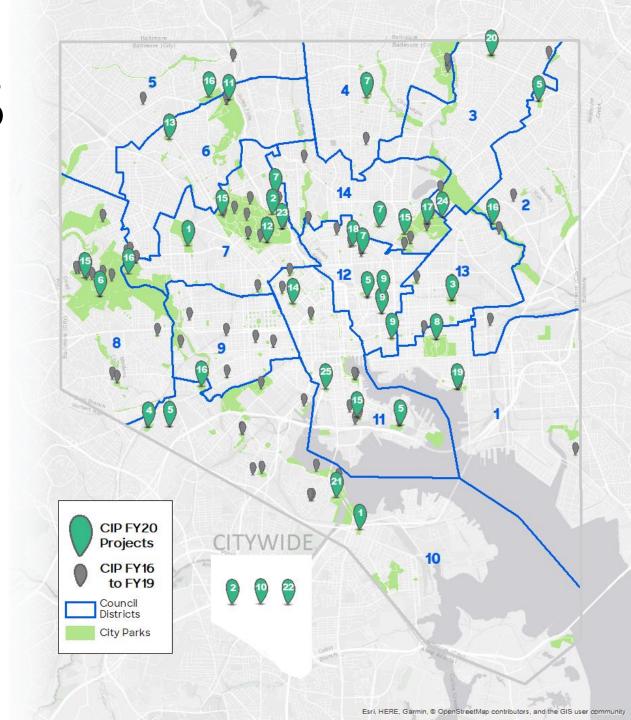
FACILITY CONDITION ASSESSMENT

- In the Summer of 2018, BCRP contracted with consultant, EMG, to perform assessments of recreation & park facilities.
- The assessment will cover Stand Alone Recreation Centers, Special Facilities, Attached Recreation Centers, Pools, Park Buildings, etc.
- The reports define immediate needs and projected life cycles that will allow us to better plan both our general maintenance and CIP improvements. They include anticipated repair costs and operating expenses.
- Reports cover everything including roof/ exterior envelope, mechanical systems, interior finishes, and ADA accessibility.



FY20 CIP REQUESTS

- Reedbird Park Improvements
- Bocek Park Athletic Center
- Park Rehabilitation Program
 - (Burdick, Latrobe, Violetville, Ambrose Kennedy)
- Community Park and Playgrounds
- Park Trail Improvements
- Druid Hill Park Pool
- Winans Meadow Nature Center Site Improvements
- Park Building Renovations
- CHOICE Neighborhood Recreation Facilities
 - (Chick Webb & City Springs)
- Park Facility Assessment and ADA Audit



FY20 CIP REQUESTS, continued

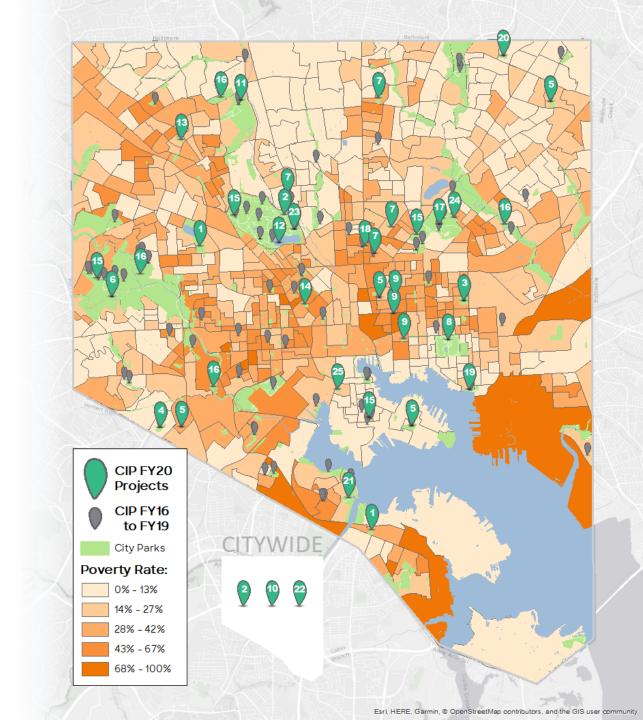
- Clifton Mansion Site Improvements
- Clifton Park (Erdman Ave Ground Water)
- Druid Hill Reservoir Improvements
- Tree Baltimore Program FY 20
- Athletic Field Renovations
 - (GF, Clifton, Druid Hill)
- Greenmount Ave LINCS
- North Harford Park Improvements
- Pool & Bathhouse Renovation Program
- Solo Gibbs Masterplan Implementation

- Patterson Park Masterplan Implementation
- Canton Waterfront Park
- Cylburn Facility & Garden Improvements
- Court Renovations (Garrett, Hanlon)
- Robert C. Marshall Field

SOCIAL EQUITY

FY20 CIP REQUESTS VS. POVERTY RATE

- Recreation & Parks continually allocates funding to areas of poverty and low income.
- The challenge comes when you compare the amount of park land to these socioeconomic factors. There are many instances where impoverished communities do not have access to parks or green space.















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FACILITY CONDITION ASSESSMENT

prepared for

Baltimore City Parks and Recreation 2600 Madison Avenue Baltimore, Maryland 21217 Wally Stephenson



OF

ROOSEVELT RECREATION CENTER 1221 WEST 36TH STREET BALTIMORE, MARYLAND 21211

PREPARED BY:

10461 Mill Run Circle, Suite 1100 Owings Mills, Maryland 21117 800 733 0660 www.FMGcom.com

EMG CONTACT: Michael Nelson

EMG PROJECT #:

EMG PROJECT #:

DATE OF REPORT:

ON SITE DATE:

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-iaii Types

Each line item in the cost database is assigned a Plan Type, which is the primary reason or rationale for the recommended replacement, repair, or other corrective action. This is the "why" part of the equation. A cost or line item may commonly have more than one applicable Plan Type; however, only one Plan Type will be assigned based on the "best" fit. bytically the one with the greatest significance.

Plan Type Descriptions

The second secon	
Safety	 An observed or reported unsafe condition that if left unaddressed could result in injury; a system or component that presents potential liability risk.
Performance/Integrity	 Component or system has failed, is almost failing, performs unreliably, does not perform as intended, and/or poses risk to overall system stability
Accessibility	 Does not meet ADA, UFAS, and/or other handicap accessibility requirements.
Environmental	Improvements to air or water quality, including removal of hazardous materials from the building or site.
Retrofit/Adaptation	Components, systems, or spaces recommended for upgrades in in order to meet current standards, facility usage, or client/occupant needs.
Lifecycle/Renewal	Any component or system that is not currently deficient or problematic bufor which future replacement or repair is anticipated and budgeted.

Plan Type Distribution (by Cost

Plan Type Distribution by Cost (10 years)



Ten year total: \$1,461,108

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Systems Su

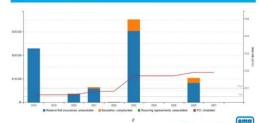
Key Issues and Evidence of findings damaged s

Evidence of leaking roof; broken gutters; rotted exterior trim; damaged ceilings; damaged stairs; basement water intrusion; poor site drainage; non-functioning heating and cooling at gymnasium; non-functioning site lighting; building lacks fire suppression; significant accessibility issues

System	Immediate	Short Term (yr 1-2)	Near Term (yr 3-5)	Med Term (yr 6-10)	Long Term (yr 11-20)	
Structure	-		-	\$7,900	-	\$7,900
Facade	\$116,900		\$306,300	\$6,400	\$3,100	\$432,700
Rooting	\$61,600				\$111,200	\$172,800
Interiors	\$8,300	\$800	\$67,300	\$101,400	\$135,200	\$312,900
Plumbing			\$1,600	\$125,700		5127,200
HVAC	\$17,400	\$37,000	\$24,600	\$16,900	\$769,200	\$865,200
Electrical	5700		51,700	\$17,300	\$56,200	\$75,900
Fire Alarm & Comm				\$6,700		\$6,700
Equipment/Special			\$15,900	\$5,400	\$24,500	\$45,700
Pavement.			\$900	\$21,900	\$2,600	\$25,400
Accessibility	\$7,500					\$7,500
Follow-up Studies	\$16,500					\$16,500
TOTALS	\$228,900	\$37,800	\$418,200	\$309,600	\$1,102,000	\$2,096,400

The graph below indicates the capital expenditure needs of each year (reference left axis). The purple line forecasts what would happen to the FCI over time, assuming zero capital expenditures (reference right axis).





www.emgcorp.com p euu./33.00

Draft - For Discussion Purposes Only EMG PROJECT NO.: 134452.188000-001.017

2. Building & Site Information





Systems Sum		
System	Description	Condition
Structure	Main Structure: Masonry bearing walls and columns with wood-framed floors and roofs. Gymnasium: CMU bearing walls with steel-framed roofs at Gymnasium. Slab on grade with wood-framed floors at upper mechanical level.	Good
Façade	Main Structure: Stucco over cast concrete. Wood divided-light windows. Gymnasium: CMU exterior walls. Aluminum clerestory windows.	Fair
Roof	Primary: Hip roof construction with asphalt shingles. Secondary: Gable construction with metal finish.	Poor
Interiors	Walls: Painted gypsum board / plaster, CMU, ceramic tile Floors: VCT, ceramic tile, sport court flooring, unfinished Ceilings: Painted gypsum board, ACT, unfinished/exposed	Fair
Elevators	None	-
Plumbing	Copper supply and cast-iron waste and venting Natural gas water heater	Fair

EMG PROJECT NO.: 134462.18R000-001.017 Repla

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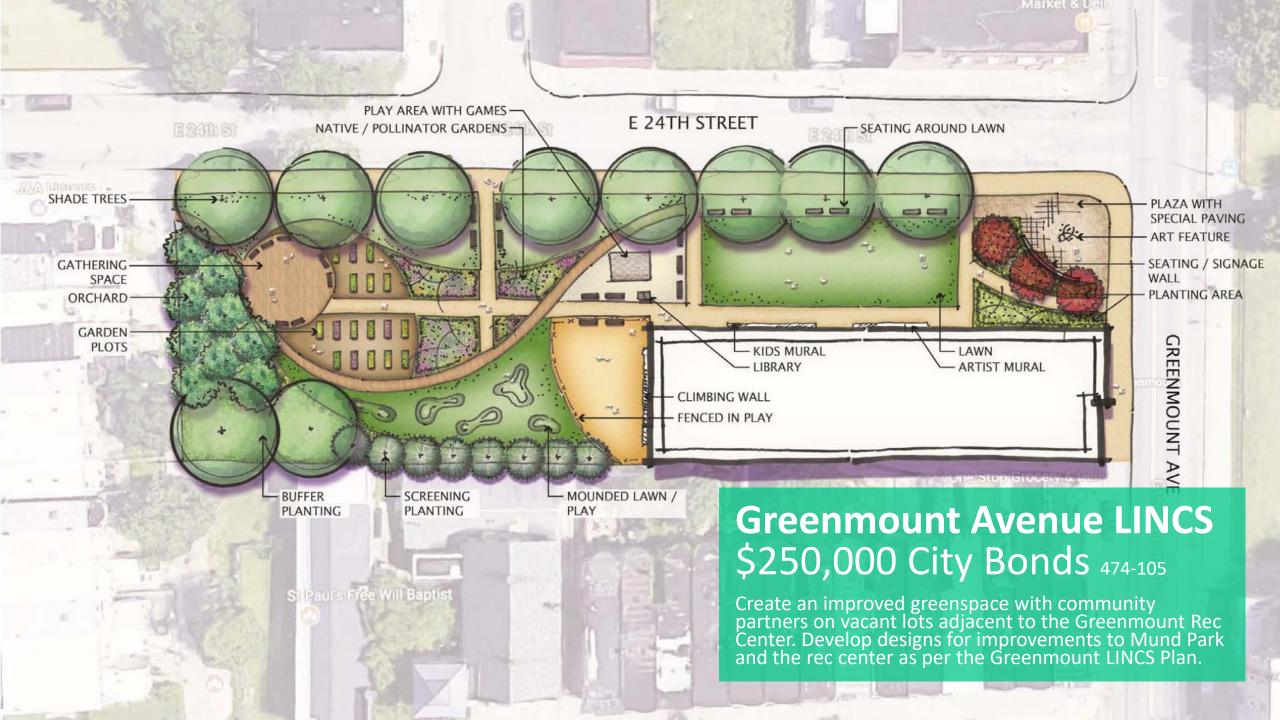
10/9/2018

Location Uniformat Name Code	"ID Cost Description	(EUL)	EAge	RUL	QuantityU	Jnit	Unit Cost * Subt	otal 201	8 20	19 2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	Rep
Roosevelt B1015	1030250 Exterior Stairs, Concrete, Replace	50	40	10	120	SF	\$48.94 \$5	,873										\$5,873										\$5,0
Roosevelt B2011	1026746 Exterior Wall, Concrete Block (CMU), 1-2 Stories, Repair	0	0	0	100	SF	\$17.53 \$1	753 \$1,753	1																			\$1,3
Roosevelt B2011	1026724 Exterior Wall, Stucco, 1-2 Stories, Replace	40	35	5	13716	SF	\$18.18 \$249	323					\$249,323															\$249,
Roosevelt B2011	1030327 Exterior Wall, Textured Plywood (T1-11), Replace	20	15	5	1200	SF	\$11.59 \$13	,909					\$13,909															\$13,5
Roosevelt B2016	1030322 Soffit, Wood, Replace	20	20	0	100	SF	\$17.37 \$1	737 \$1,73	,																			\$1,
Roosevelt B2021	1026736 Window, Wood Historical 12 SF, Restore	30	30	0	30	EA	\$2,100.00 \$63	,000 \$63,000)																			\$63,0
Roosevelt B2021	1026731 Window, Wood Historical 12 SF, Restore	30	30	0	24	EA	\$2,100.00 \$50	400 \$50,400	,																			\$50,
Roosevelt B2032	1026722 Exterior Door, Steel, Replace	25	20	5	1	EA	\$950.12	950					\$950															\$
Roosevelt B2032	1026752 Exterior Door, Steel, Replace	25	15	10	5	EA	\$950.12 \$4	.751										\$4,751										\$4,7
Roosevelt B3011	1026723 Roof, Asphalt Shingle, Replace	20	20	0	18000	SF	\$3.42 \$61	569 \$61,566																				\$61,5
Roosevelt C1021	1026783 Interior Door, Fire 90-Minutes and Over, Replace	20	10	10	2	EA	\$1,649.06 \$3	298										\$3,298										\$3,
	1026777 Interior Door, Wood Solid-Core, Replace	20	8	12	12	EA	\$1,423.11 \$17	077												\$17,077								\$17,0
	1026716 Tollet Partitions, Metal Overhead-Braced, Replace	20	5	15	5	EA	\$850.00 \$4																\$4,250					\$4.3
Roosevelt C2011	1030244 Interior Stairs, Wood, Replace	30	30	0	150	SF		764 \$6,764																				\$6,
Roosevelt C3012	1026737 Interior Well Finish, Generic Surface, Prep & Paint	8	5	3	7500	SF	\$1.45 \$10				\$10.875								\$10.875							- 1	\$10.875	
Roosevelt C3012	1026775 Interior Wall Finish, Geramic Tile, Replace	25	15	10	1000	SF	\$16.55 \$16				\$10,073							\$16,554	a 10,013								110,075	\$16,
Roosevelt C3024	1026727 Interior Floor Finish, Vinyl Tile (VCT), Replace	15	12	3	7000	SF	\$4.80 \$33				\$33,604							310,004								\$33,604		\$67,
	1026727 Interior Floor Finish, Wood Strip, Replace	30	25	5	300	SF	\$13.52 \$4				\$33,004		\$4,057													533,004		\$4,1
				-	8000		100,00000						\$4,057			****												
Roosevelt C3024	1026772 Interior Floor Finish, Rubber Tile, Replace	15	7	8	6000	SF	\$8.43 \$50									\$50,609												\$50,
Roosevelt C3024	1026745 Interior Floor Finish, Ceramic Tile, Replace	50	40	10	500	SF		,878										\$7,878										\$7,
Roosevelt C3025	1026753 Interior Floor Finish, Carpet Standard-Commercial Medium-Traffic, Repl		8	2	100	SF	30.000	726		\$726										\$726								\$1,
	1026756 Interior Ceiling Finish, Gypsum Board/Plaster, Prep & Paint	10	5	5	500	SF		1968					\$968										\$968					\$1,5
Roosevelt C3031	1026768 Interior Ceiling Finish, Gypsum Board/Plaster, Prep & Paint	10	5	5	2500	SF		,842					\$4,842										\$4,842					\$9,
Roosevelt C3032	1026733 Interior Ceiling Finish, Suspended Acoustical Tile (ACT), Replace	20	20	0	500	SF	\$3.11 \$1	,556 \$1,550	3																			\$1,
Roosevelt C3032	1030240 Interior Ceiling Finish, Suspended Acoustical Tile (ACT), Replace	20	15	5	2000	SF	\$3.11 \$6	222					\$6,222															\$6,
Roosevelt D2011	1026750 Tollet, Tankless (Water Closet), Replace	20	10	10	5	EA	\$842.97 \$4	,215										\$4,215										\$4,
Roosevelt D2012	1026718 Urinal, Vitreous China, Replace	20	10	10	4	EA	\$1,193.44 \$4	774										\$4,774										\$4,7
Roosevelt D2014	1030245 Service Sink, Porcelain Enamel, Cast Iron, Replace	20	15	5	1	EA	\$1,360.33 \$1	,360					\$1,360															\$1,3
Roosevelt D2014	1030238 Sink/Lavatory, Vitreous China, Replace	20	10	10	4	EA	\$861.51 \$3	446										\$3,446										\$3,
Roosevelt D2014	1035661 Sink, Pot, Multi-compartment, Replace	30	20	10	1	LF	\$1,262.50 \$1	263										\$1,263										\$1,3
Roosevelt D2023	1026764 Domestic Boller, Gas, 501 to 800 MBH, Replace	22	12	10	2	EA	\$34,559.38 \$69	,119										\$69,119										\$69,
Roosevelt D2023	1026755 Water Heater, Gas, Commercial, 60 to 120 GAL, Replace	15	5	10	1	EA	\$10,698.82 \$10	,699										\$10,699										\$10,
Roosevelt D3022	1026776 Expansion Tank, 31 to 60 GAL, Replace	25	12	13	.1	EA	\$2,483.48 \$2	483													\$2,483							\$2,4
Roosevelt D3032	1030332 Condensing Unit/Heat Pump, Split System, 4 Ton, Replace	15	13	2	6	EA	\$4,619.82 \$27	719		\$27,719														s	27,719			\$55,4
Roosevelt D3032	1030331 Condensing Unit/Heat Pump, Split System, 3 Ton, Replace	15	13	2	2	EA	\$3,578.67 \$7	157		\$7,157															\$7,157			\$14,
Roosevelt D3041	1026780 Air Handler, Interior, 4,001 to 4,700 CFM, Replace	30	30	0	1	EA	\$17,447.26 \$17	447 \$17,44																				\$17,4
Roosevelt D3041	1026763 Air Handler, Interior, 2,501 to 4,000 CFM, Replace	20	12	8	1	EA	\$13,371.48 \$13	371								\$13,371												\$13,
Roosevelt D3041	1026784 Air Handler, Interior, 4,001 to 4,700 CFM, Replace	30	12	18	1	EA	\$17,447.26 \$17	447																		\$17,447		\$17,
Roosevelt D3042	1030330 Exhaust Fan, Roof Mounted, 1,001 to 1,500 CFM, Replace	15	12	3	5	EA	\$1,927.94 \$9				\$9.640															\$9,640		\$19,
Roosevelt D3044	1026769 Distribution Pump, Heating Water, 3 HP, Replace	20	5	15	1	EA	4.14	.662															\$4,652			22,010		\$4,
Roosevelt D3044	1026765 Distribution Pump, Heating Water, 3 HP, Replace	20	5	15	1	EA	\$4,852.29 \$4																\$4,662					\$4,0
Roosevelt D3049	1026726 HVAC System Hydronic Piping, 2-Pipe, Replace	30	12	18	13718	SF.	\$6.50 \$89																,002			\$89,154		\$89,
	1026729 HVAC System Ductwork, Sheet Metal, Replace	30	12	18	13716	SF	\$15.00 \$205	,,,,,																		205,740		\$205,7

Facility Condition Assessment \$200,000 City Bonds 474-101

Additional consultant fee for the completion of a system wide facility condition assessment and ADA audit.

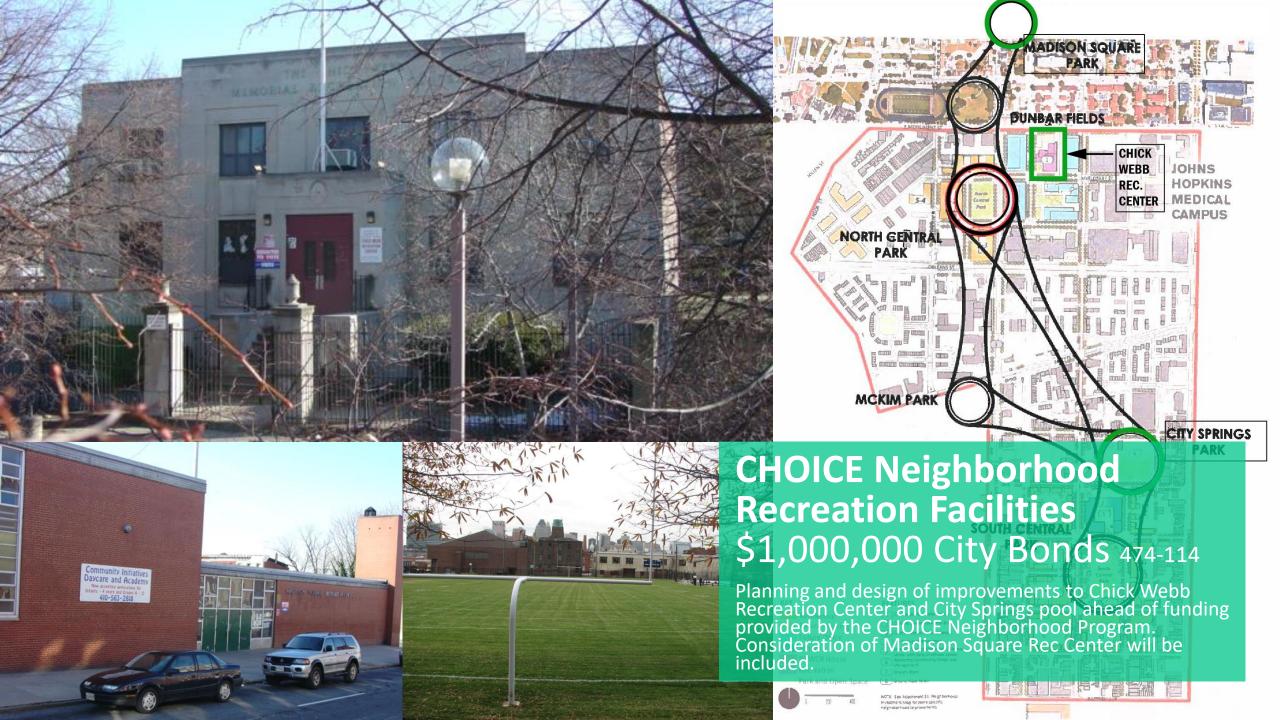
FY21 Request: \$250k; FY22-25: \$200k/year City Bond





























FY20 CIP TOTAL FUNDING REQUESTS

- General Fund \$600,000
- HUR \$400,000
- City Bond \$10,000,000
- Program Open Space \$7,350,000
- MD Community Parks & Playground \$260,000
- State Bonds \$1,500,000
- South Baltimore Gateway Partnership \$108,000



FY20 – FY25 CIP FUNDING ALLOTMENT VS. NEED

