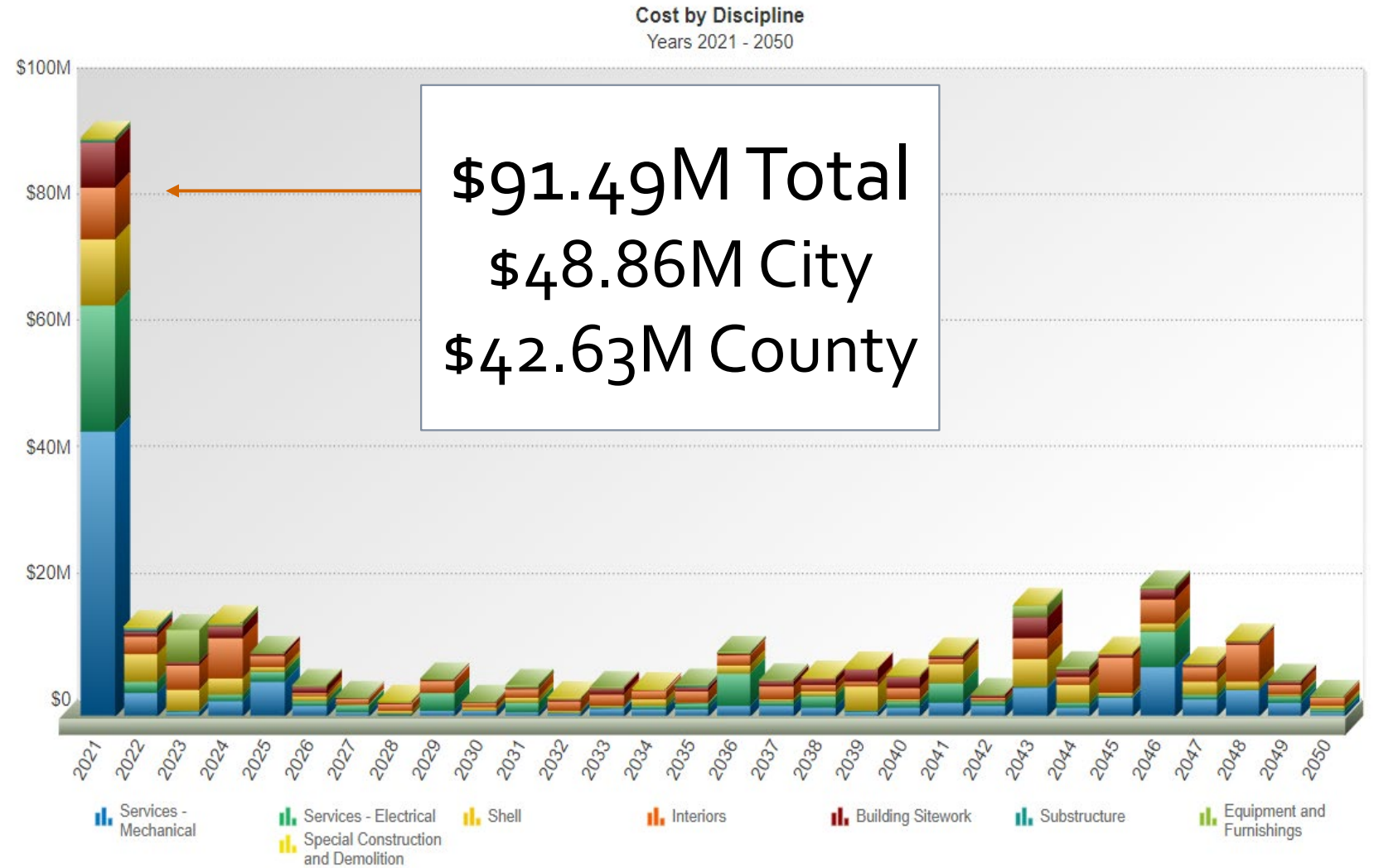


ARPA Facilities Review



February 8, 2022

Unified
Government
Total Facility
Needs:
\$91.5M Deferred
Maintenance



\$14.6M ARPA HVAC

City: \$8,456,869

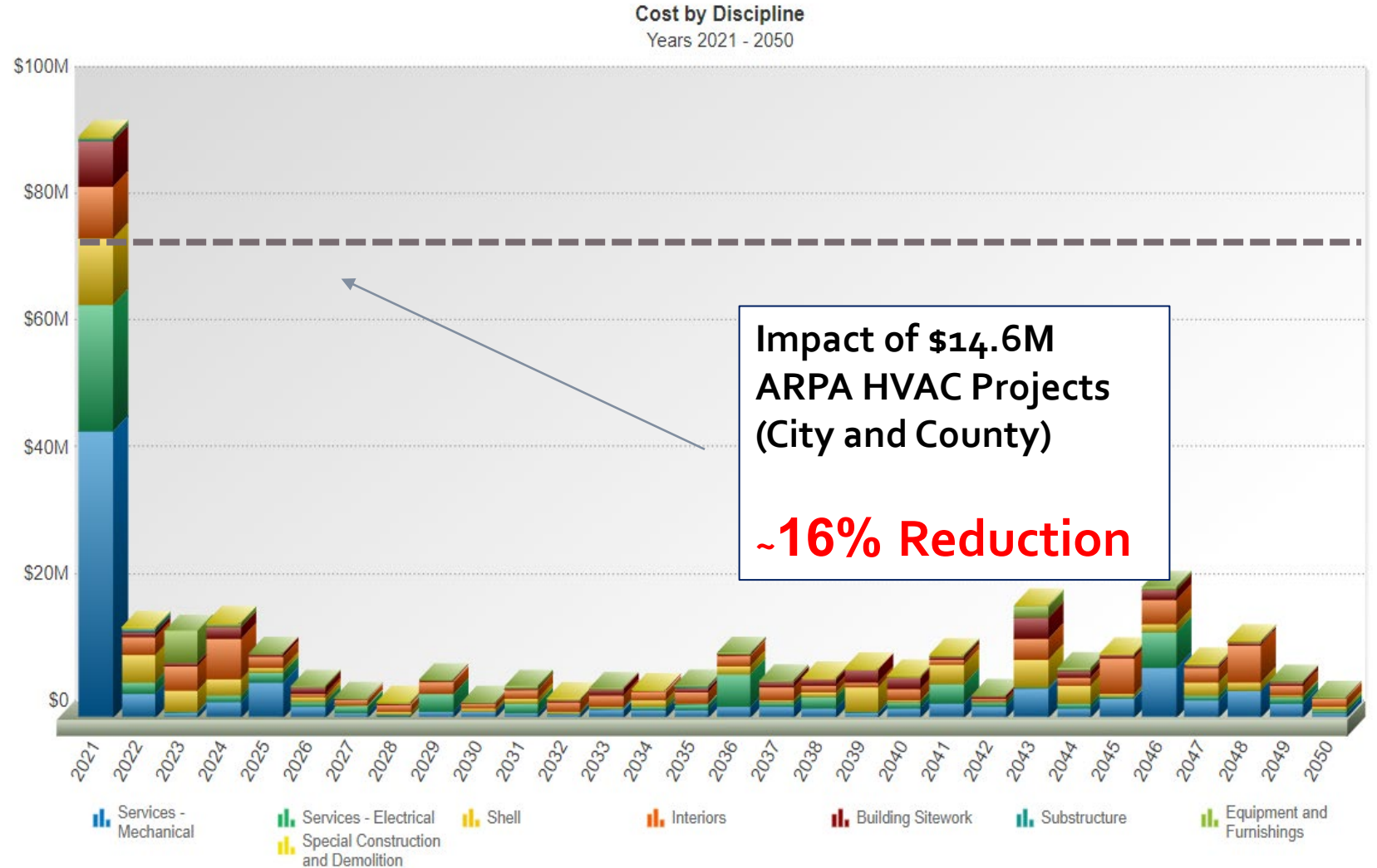
County: \$6,139,348



CITY LOCATION	DESCRIPTION	CITY
City Hall	HVAC Air Handling Systems	\$4,733,563
Police HQ and SOU	HVAC Air Handling Systems	\$1,675,409
Fire Stations 2,5,9,14,18	HVAC Air Handling Systems	\$269,84
Memorial Hall	HVAC Air Handling Systems	\$984,714
Vehicle Maintenance Facilities	HVAC Air Handling Systems	\$337,411
Parking Lot A & C	HVAC Air Handling Systems	\$90,927
Rec Centers	HVAC Air Handling Systems	\$365,161
		\$8,456,869
COUNTY LOCATION	DESCRIPTION	COUNTY
Court House	Facility Deferred Maintenance	\$2,500,000
Public Health Center	HVAC Air Handling Systems	\$154,834
Jail	HVAC Air Handling Systems	\$2,323,474
Wyandotte County Museum	HVAC Air Handling Systems	\$19,191
Elections	HVAC Air Handling Systems	\$941,848
New Juvenile Center	Social Distancing Remodel	\$200,000
		\$6,139,348

IMPACT of \$14.6M ARPA HVAC \$91.5M Deferral

City: \$8,456,869
County: \$6,139,348



CITY HALL

Built in 1971
200,000 Sq Ft

Current Replacement Value
(CRV): \$59,473,120

Total Deferred
Maintenance
(current): \$8.8M

High Priority Deferral:
\$8.3M

Facility Condition Index:
15.6



City Hall

Category A: Contain and Mitigate COVID HVAC and Indoor Air Quality High Priority Items

\$5,481,314

Category C: Revenue loss/Deferred Maintenance High Priority Items

\$2,778,051

Discipline	Category	Commentary	Priority	2021
D-Services - Mechanical	D2010 - Plumbing Fixtures	Original and past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 270,864
D-Services - Mechanical	D2020 - Domestic Water Distribution	Original and past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 538,650
D-Services - Mechanical	D2020 - Domestic Water Distribution		High	\$ 5,230
D-Services - Mechanical	D2030 - Sanitary Waste	Original and past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 461,700
D-Services - Mechanical	D2040 - Rain Water Drainage	Original and past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 513,000
D-Services - Mechanical	D3024 - Boiler Room Piping And Specialties	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 30,780
D-Services - Mechanical	D3024 - Boiler Room Piping And Specialties	Motors were replaced in 1998. Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 7,695
D-Services - Mechanical	D3035 - Cooling Piping And Fittings	Past expected useful life but in good condition. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 256,500
D-Services - Mechanical	D3041 - Air Distribution Systems	Approximately 165 boxes. Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 513,000
D-Services - Mechanical	D3045 - Exhaust Ventilation Systems	Original and past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 61,560
D-Services - Mechanical	D3053 - Unit Heaters	Past expected useful life.	High	\$ 27,702
D-Services - Mechanical	D3058 - Air Handling Units	Constant volume. Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 492,480
D-Services - Mechanical	D3058 - Air Handling Units	VFDs. Preheat coil. Return fan with drive. Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 369,360
D-Services - Mechanical	D3058 - Air Handling Units	VFDs. Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 738,720
D-Services - Mechanical	D3060 - Controls And Instrumentation	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age. Automated controls headend was installed 2008.	High	\$ 1,171,632
D-Services - Mechanical	D4020 - Standpipes	Not in use. Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 20,520
				\$ 5,481,314.00

Category A

Discipline	Category	Commentary	Priority	2021
A-Substructure	A10 - Foundations	Water penetration issues noted at foundation and basement walls with serious water damage in old city hall. A specialist review is recommended to determine required repairs and cost.	High	\$ 10,260
A-Substructure	A20 - Basement Construction	Minor leaking from parking lot wall during heavy rain. Sizeable leakage from ground floor. A specialist review is recommended to determine required repairs and cost.	High	\$ 82,642
A-Substructure	A20 - Basement Construction	Old city jail on ground floor suffered severe water damage and has been converted to unfinished storage area. A specialist review is recommended to determine required repairs and cost.	High	\$ 153,900
B-Shell	B2040 - Industrial Doors	The doors are original and were observed to be worn out and rusting.	High	\$ 102,600
B-Shell	B2040 - Industrial Doors	Inoperable.	High	\$ 4,104
C-Interiors	C1030 - Fittings	Some ADA compliance issues.	High	\$ 143,640
C-Interiors	C3020 - Floor Finishes	Worn out and need to be repainted in the short term.	High	\$ 25,650
C-Interiors	C3020 - Floor Finishes	Very bad shape.	High	\$ 20,520
D-Services - Electrical	D5010 - Electrical Service And Distribution	Original and past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 615,600
D-Services - Electrical	D5021 - Branch Wiring	Original and past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 287,336
D-Services - Electrical	D5032 - Intercommunications And Paging	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 655,776
D-Services - Electrical	D5036 - Clock & Program System	Does not work currently. Past expected useful life.	High	\$ 196,600
G-Building Sitework	G2010 - Roadways	Original and past expected useful life.	High	\$ 179,550
G-Building Sitework	G2030 - Pedestrian Paving	Cracks and holes. Past expected useful life.	High	\$ 153,900
G-Building Sitework	G2030 - Pedestrian Paving	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 25,650
G-Building Sitework	G2050 - Landscaping	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 35,197
G-Building Sitework	G4020 - Site Lighting	Original and critical. They are not working or burnt up. 12 out of 28 have 775w Metal halide bulbs. The others have no bulbs.	High	\$ 64,638
G-Building Sitework	G4020 - Site Lighting	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age. 53 watts and 58 fixtures.	High	\$ 18,468
				\$ 2,778,051.94

Category C

City Hall

\$4,733,563

- DDC Controls (Building Command and Control System)
- Boiler Room Piping
- Cooling Piping
- Air Distribution Systems
- Unit Heaters
- Air Handling Units



County Courthouse

Built in 1925
180,000 Sq Ft

Current Replacement Value
(CRV): \$46,753,596

Total Deferred
Maintenance
(current): \$10.55M

High Priority Deferral:
\$9.45M

Facility Condition Index:
22.6



Courthouse Category A:

Contain and Mitigate COVID

HVAC and Indoor Air Quality
High Priority Items

\$6,427,181

Courthouse Category C

Revenue loss/Deferred
Maintenance
High Priority Items

\$3,023,462

D-Services - Mechanical	D1010 - Elevators & Lifts	Original and past expected useful life. 7 stops.	High	\$ 2,423,925	B-Shell	B2020 - Exterior Windows	Should be replaced with double paned windows for energy efficiency.	High	\$ 677,052
D-Services - Mechanical	D1010 - Elevators & Lifts	4 stops. Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 570,773	B-Shell	B30 - Roofing	Past expected useful life.	High	\$ 657,819
D-Services - Mechanical	D2020 - Domestic Water Distribution	Original and past expected useful life.	High	\$ 348,840	D-Services - Electrical	D5010 - Electrical Service And Distribution	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 1,271,214
D-Services - Mechanical	D2020 - Domestic Water Distribution	One pump has newer motor. Past expected useful life.	High	\$ 16,416	D-Services - Electrical	D5091 - Exit & Emergency Light Systems	Past expected useful life.	High	\$ 4,104
D-Services - Mechanical	D2030 - Sanitary Waste	Original and past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 554,040	G-Building Sitework	G2010 - Roadways	Past expected useful life. Several areas that are damaged and trip hazards.	High	\$ 102,600
D-Services - Mechanical	D2040 - Rainwater Drainage	Original and past expected useful life.	High	\$ 44,118	G-Building Sitework	G2030 - Pedestrian Paving	Past expected useful life. Several areas that are damaged and trip hazards.	High	\$ 128,045
D-Services - Mechanical	D2040 - Rainwater Drainage	Original and past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 282,150	G-Building Sitework	G2040 - Site Development	Past expected useful life and trip hazards.	High	\$ 76,950
D-Services - Mechanical	D3022 - Hot Water Boilers	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 205,200	G-Building Sitework	G4020 - Site Lighting	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age. Should be upgraded to LEDs for energy saving.	High	\$ 92,340
D-Services - Mechanical	D3023 - Furnaces	Past expected useful life. 5 ton condensing units.	High	\$ 104,652	G-Building Sitework	G4020 - Site Lighting	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age. Should be upgraded to LEDs for energy saving.	High	\$ 10,260
D-Services - Mechanical	D3024 - Boiler Room Piping And Specialties	Original and past expected useful life.	High	\$ 18,776	G-Building Sitework	G4020 - Site Lighting	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age. Should be upgraded to LEDs for energy saving.	High	\$ 3,078
D-Services - Mechanical	D3024 - Boiler Room Piping And Specialties	Original and past expected useful life.	High	\$ 6,361					\$ 3,023,462
D-Services - Mechanical	D3026 - Heating Generating Auxiliary Equipment	Has had leaks. Past expected useful life.	High	\$ 92,340					
D-Services - Mechanical	D3031 - Chillers	Past expected useful life but in good condition. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 246,240					
D-Services - Mechanical	D3032 - Cooling Towers & Evaporative Coolers	Fill is coat algae. Inlet blades are rusted.	High	\$ 82,080					
D-Services - Mechanical	D3035 - Cooling Piping And Fittings	Past expected useful life. This system has no known upgrades, and the condition is assumed based on age.	High	\$ 86,184					
D-Services - Mechanical	D3045 - Exhaust Ventilation Systems	Original and not working.	High	\$ 15,390					
D-Services - Mechanical	D3058 - Air Handling Units	Past expected useful life. Electric heat.	High	\$ 72,846					
D-Services - Mechanical	D3058 - Air Handling Units	Heats in winter and cools in summer. (2) not used at this time. Past expected useful life.	High	\$ 718,200					
D-Services - Mechanical	D3060 - Controls And Instrumentation	Past expected useful life.	High	\$ 538,650					

Category A

Category C

County Court House

\$2,500,000

- Air Handling
- Tuckpointing
- Masonry
- Building Envelope
- Exterior Restoration



REARDON CENTER

Built in 1981
77,284 Sq Ft

Current Replacement Value
(CRV): \$23,697,624

Total Deferred Maintenance
(current):\$6.5M

High Priority Deferral: \$5.56M

Facility Condition Index: 27.6



Reardon Center

Category A: Contain and Mitigate COVID

HVAC and Indoor Air Quality High Priority Items

\$3,114,977

Category C: Revenue loss/Deferred Maintenance

High Priority Items

\$2,436,698

Discipline	Category	Action: Description	
D-Services - Mechanical	D4010 - Sprinklers	Repair sprinklers.	\$ 52,028
D-Services - Mechanical	D4020 - Standpipes	Repair standpipe.	\$ 1,539
D-Services - Mechanical	D3060 - Controls And Instrumentation	Replace HVAC controls.	\$ 483,671
D-Services - Mechanical	D3025 - Primary HVAC Pumps	Replace secondary chilled water pumps.	\$ 46,170
D-Services - Mechanical	D3025 - Primary HVAC Pumps	Replace primary chilled water pumps.	\$ 35,910
D-Services - Mechanical	D3025 - Primary HVAC Pumps	Replace secondary chilled water pumps.	\$ 30,780
D-Services - Mechanical	D3025 - Primary HVAC Pumps	Replace condenser pump.	\$ 27,702
D-Services - Mechanical	D3053 - Unit Heaters	Replace electric unit heaters.	\$ 2,052
D-Services - Mechanical	D3057 - Radiant Heater Units	Replace electric radiant heaters.	\$ 127,737
D-Services - Mechanical	D2010 - Plumbing Fixtures	Replace plumbing fixtures.	\$ 82,080
D-Services - Mechanical	D3031 - Chillers	Replace chillers.	\$ 387,828
D-Services - Mechanical	D3032 - Cooling Towers & Evaporative Coolers	Replace cooling towers.	\$ 123,120
D-Services - Mechanical	D3058 - Air Handling Units	Replace VAV air handling unit.	\$ 153,900
D-Services - Mechanical	D3058 - Air Handling Units	Replace single zone air handling unit.	\$ 55,404
D-Services - Mechanical	D3041 - Air Distribution Systems	Replace VAV boxes.	\$ 115,425
D-Services - Mechanical	D3045 - Exhaust Ventilation Systems	Replace exhaust fans.	\$ 28,417
D-Services - Mechanical	D3035 - Cooling Piping And Fittings	Replace/repair chilled water piping.	\$ 11,799
D-Services - Mechanical	D2020 - Domestic Water Distribution	Replace domestic water piping.	\$ 193,914
D-Services - Mechanical	D2095 - Domestic Water Heaters	Replace gas-fired water heater.	\$ 65,100
D-Services - Mechanical	D1010 - Elevators & Lifts	Replace/repair elevator.	\$ 461,700
D-Services - Mechanical	D1010 - Elevators & Lifts	Replace/repair elevator.	\$ 318,060
D-Services - Mechanical	D2030 - Sanitary Waste	Replace sanitary waste piping.	\$ 178,421
D-Services - Mechanical	D2040 - Rainwater Drainage	Replace Rainwater drainage system.	\$ 130,199
			\$ 3,114,977

Category A

Discipline	Category	Action: Description	
C-Interiors	C1030 - Fittings	Replace kitchen hardware.	\$ 461,700
C-Interiors	C3010 - Wall Finishes	Replace wall panels.	\$ 82,080
D-Services - Electrical	D5091 - Exit & Emergency Light Systems	Replace exit & emergency light systems	\$ 15,390
D-Services - Electrical	D3098 - Electric Baseboard Heat	Replace electric heaters.	\$ 66,690
D-Services - Electrical	D5022 - Lighting Equipment	Retrofit with LED.	\$ 56,430
D-Services - Electrical	D5022 - Lighting Equipment	Retrofit with LED.	\$ 4,104
D-Services - Electrical	D5022 - Lighting Equipment	Retrofit with LED.	\$ 54,378
D-Services - Electrical	D5022 - Lighting Equipment	Retrofit with LED.	\$ 61,560
D-Services - Electrical	D5037 - Fire Alarm System	Replace fire alarm system.	\$ 318,060
D-Services - Electrical	D5021 - Branch Wiring	Repair branch wiring.	\$ 102,831
G-Building Sitework	G4020 - Site Lighting	Replace wall pack lights.	\$ 5,438
D-Services - Electrical	D5010 - Electrical Service And Distribution	Replace electrical service and distribution.	\$ 487,350
D-Services - Electrical	D5010 - Electrical Service And Distribution	Replace electrical service and distribution.	\$ 256,500
B-Shell	B2010 - Exterior Walls	Repair exterior walls.	\$ 71,820
C-Interiors	C20 - Stairs	Replace carpet.	\$ 25,794
B-Shell	B2030 - Exterior Doors	Replace exterior doors.	\$ 35,910
B-Shell	B2040 - Industrial Doors	Replace industrial doors.	\$ 167,425
C-Interiors	C3020 - Floor Finishes	Repaint floor.	\$ 15,390
G-Building Sitework	G2010 - Roadways	Repave driveways.	\$ 35,910
E-Equipment and Furnishings	E1010 - Commercial Equipment	Replace commercial equipment.	\$ 45,248
G-Building Sitework	G2030 - Pedestrian Paving	Replace pedestrian paving.	\$ 25,650
C-Interiors	C1030 - Fittings	Replace fittings.	\$ 41,040
			\$2,436,698

Category C

UG Parks & Recreation Needs

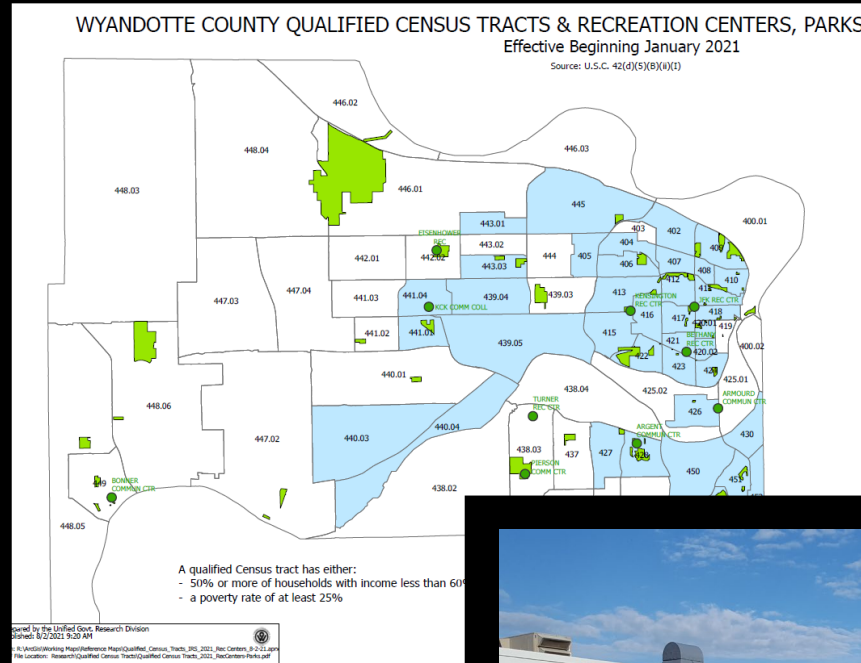
Infrastructure

-Six facilities in QCT

- Joe E. Amayo
- Armourdale
- Bethany
- B. Lee
- Kensington
- Parkwood Upper level

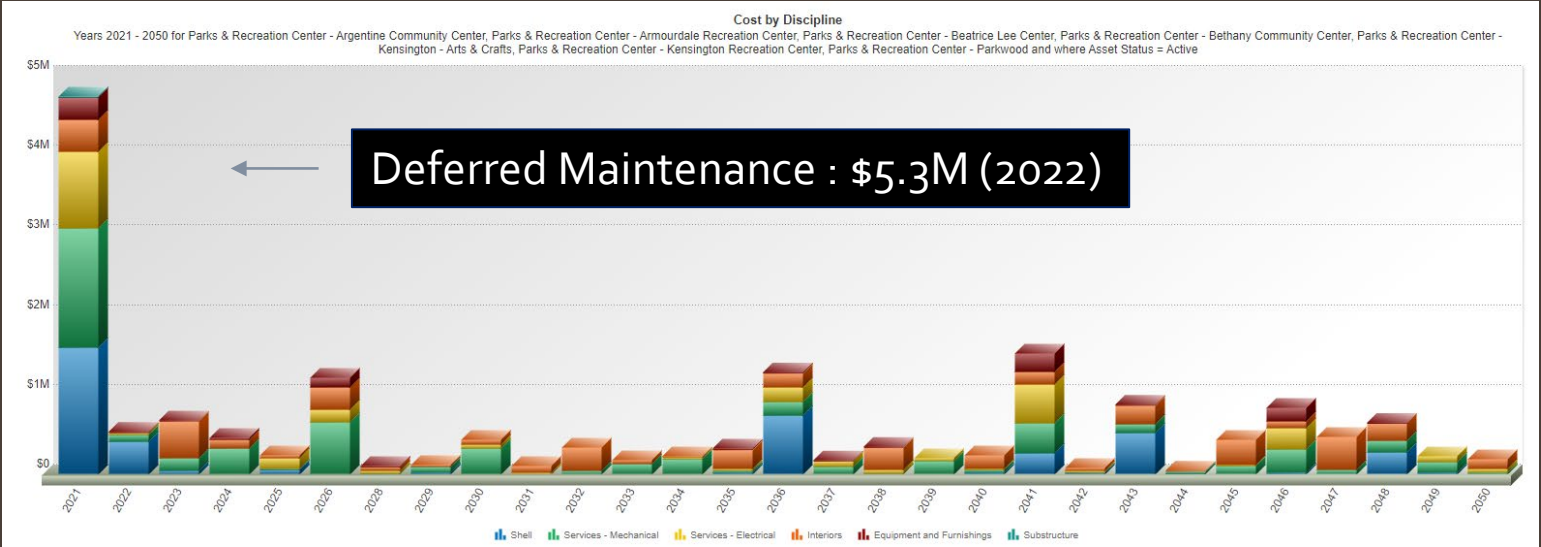
• \$5.3M ARPA total,

- \$1.6 M (air handling) is ARPA eligible
- \$3.7 M remaining eligibility being researched



Deferred Maintenance UG Parks & Recreation (2022): \$5.3M

Joe E. Amayo
Armourdale
Bethany
B. Lee
Kensington
Parkwood Upper level



Breakdown of UG Parks and Recreation Needs by Location

	Total	Cat A (Air Handling)	Cat C
Armourdale	\$ 760,758.00	\$ 219,916	\$ 540,842
Joe E. Amayo	\$ 693,501.00	\$ 143,512	\$ 549,989
Beatrice Lee	\$ 438,758.00	\$ 18,165	\$ 420,593
Bethany	\$ 857,858.00	\$ 259,065	\$ 598,793
Kensington	\$ 1,802,698.00	\$ 731,994	\$ 1,070,704
Parkwood	\$ 709,586.00	\$ 203,491	\$ 506,095
	\$ 5,263,159.00	\$ 1,576,143	\$ 3,687,016