

DeKalb County School District/Elementary Schools

Dunaire Elementary

Final

School Assessment Report

May 19, 2016



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School Executive Summary

Building condition is evaluated based on the functional systems and elements of a building and organized according to the UNIFORMAT II Elemental Classification. The grouping of these systems and elements and applying a current replacement value to them develops a representative building cost model. Cost Models are developed for similar building types and functions. Systems and their elements are evaluated based on their current replacement values, life cycles, installation dates and next renewal dates. Systems and their elements that are within their useful lives are further evaluated to identify current deficient conditions that may have a significant impact on a system's or element's remaining service life, and to determine if they are beyond their predicted expected life. The system's or element's current replacement value is based on RS Means Commercial Cost Data.

Following are the cost model's system details for this facility. The **Replacement Value** is the amount needed to replace the property of the same present scope. The **Repair Cost** (the sum of the cost to repair/replace the Deficiencies) represents the budgeted contractor-installed costs plus owner's soft costs for the repair, replacement or renewal for a component or system level deficiency. It excludes contributing costs for other components or systems that might also be associated with the corrective actions due to packaging of the work. **Facility Condition Index (FCI)** is an industry-standard measurement of facility condition calculated as the ratio of the costs to correct a facility's deficiencies (Condition Needs) to the facility's Current Replacement Value. It ranges from 0% (new) to 100% (very poor - beyond service life). The **Remaining Service Life Index (RSLI)** is calculated as the sum of a renewable system's **Remaining Service Life (RSL)** divided by the sum of a system's Replacement Value (both values exclude soft-cost to simplify calculation updates) expressed as a percentage ranging from 100% (new) to 0% (expired). The relationship between the key metrics FCI and RSLI is an important indicator, at either the facility, building, system, or component levels, of the condition trend and the imminent need for capital renewal. These indices exist in an inverse relationship wherein the FCI increases when systems reach their expected life-cycle age, whereas the RSLI decreases annually indicating the relative time remaining before reaching the life-cycle expiration age. For example, a facility or a system with a high RSLI and a low FCI indicates it is in the early portion of its useful life. However, a low RSLI indicates that expiration dates are approaching at which point the FCI would increase. The term **FCA Score** is the inverse of Total FCI and calculated as $100 - \text{Total FCI (without the \%)}$ where 100 is best and 0 is worst condition.

Gross Area (SF):	67,526
Year Built:	1967
Last Renovation:	
Replacement Value:	\$15,944,239
Repair Cost:	\$5,226,217.89
Total FCI:	32.78 %
Total RSLI:	32.34 %
FCA Score:	67.22



Description:

The Dunaire Elementary School campus consists of two buildings located at 651 South Indian Creek Drive in Stone Mountain, Georgia. The original campus was constructed in 1967, additions to the main school building were constructed in 1973 and 1990, and a gymnasium building was constructed in 2000. In addition to these buildings, the campus contains a storage building, covered walkway, playing field, and playground. This report contains condition and adequacy data collected during the 2015 Facility Condition Assessment (FCA). Detailed condition and deficiency statements are contained in this report for each building and site improvement on the campus.

School Assessment Report - Dunaire Elementary

Attributes:

General Attributes:

Assigned Region:	Region 3	Board District:	District 7
DOE Facility:	3055	Geographic Region:	Region 3
HS Attendance Area:	Clarkston HS	Jurisdictional City:	DeKalb County (Unincorporated)
Site Acreage:	17.2		

School Condition Summary

The Table below shows the RSLI and FCI for each major system shown at the UNIFORMAT classification Level II. Note that Systems with lower FCIs require less investment than systems with higher FCIs.

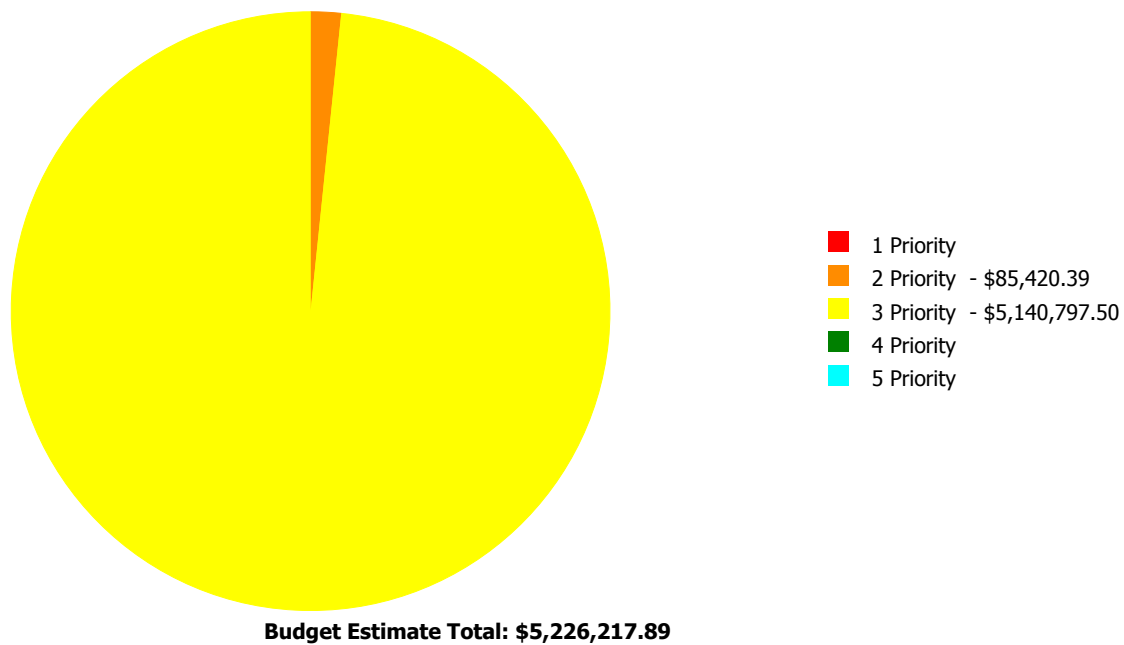
Current Investment Requirement and Condition by Uniformat Classification

UNIFORMAT Classification	RSLI%	FCI %	Current Repair
A10 - Foundations	61.81 %	0.00 %	\$0.00
A20 - Basement Construction	0.00 %	0.00 %	\$0.00
B10 - Superstructure	66.08 %	0.00 %	\$0.00
B20 - Exterior Enclosure	27.43 %	22.26 %	\$354,824.00
B30 - Roofing	50.05 %	34.13 %	\$460,464.00
C10 - Interior Construction	39.45 %	31.19 %	\$270,421.61
C30 - Interior Finishes	28.29 %	20.28 %	\$457,336.00
D10 - Conveying	0.00 %	0.00 %	\$0.00
D20 - Plumbing	8.70 %	69.24 %	\$1,197,377.00
D30 - HVAC	56.62 %	2.85 %	\$70,201.00
D40 - Fire Protection	0.00 %	0.00 %	\$0.00
D50 - Electrical	27.66 %	48.66 %	\$799,873.00
E10 - Equipment	0.42 %	108.16 %	\$520,978.00
E20 - Furnishings	8.12 %	74.26 %	\$246,924.00
F10 - Special Construction	0.00 %	0.00 %	\$0.00
G20 - Site Improvements	12.76 %	59.07 %	\$654,694.92
G30 - Site Mechanical Utilities	3.57 %	11.74 %	\$57,937.31
G40 - Site Electrical Utilities	2.02 %	54.40 %	\$135,187.05
Totals:	32.34 %	32.78 %	\$5,226,217.89

Condition Deficiency Priority

Facility Name	Gross Area (S.F.)	FCI %	1 Priority	2 Priority	3 Priority	4 Priority	5 Priority
1967 Storage	125	25.45	\$0.00	\$0.00	\$2,610.00	\$0.00	\$0.00
1967, 1973 Building	41,802	38.43	\$0.00	\$0.00	\$3,481,504.00	\$0.00	\$0.00
1990 Additions	20,121	19.20	\$0.00	\$0.00	\$790,297.00	\$0.00	\$0.00
2000 Gym	5,478	11.44	\$0.00	\$0.00	\$103,987.61	\$0.00	\$0.00
Site	67,526	45.82	\$0.00	\$85,420.39	\$762,398.89	\$0.00	\$0.00
Total:		32.78	\$0.00	\$85,420.39	\$5,140,797.50	\$0.00	\$0.00

Deficiencies By Priority



Executive Summary

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Function:	Elementary School
Gross Area (SF):	125
Year Built:	1967
Last Renovation:	
Replacement Value:	\$10,256
Repair Cost:	\$2,610.00
Total FCI:	25.45 %
Total RSLI:	39.97 %
FCA Score:	74.55



Description:

The storage building at Dunaire Elementary School is located at 651 South Indian Creek Drive in Stone Mountain, Georgia. Originally built in 1967, there have been no additions and no major renovations to this building. This report contains condition and adequacy data collected during the 2015 Facility Condition Assessment (FCA). Detailed condition and deficiency statements are contained in this report.

Attributes:

General Attributes:

Building Codes: Fire Sprinkler System: No

Condition Summary

The Table below shows the RSLI and FCI for each major building system shown at the UNIFORMAT classification Level II. Note that Systems with lower FCIs require less investment than systems with higher FCIs.

UNIFORMAT Classification	RSLI %	FCI %	Current Repair Cost
A10 - Foundations	52.00 %	0.00 %	\$0.00
A20 - Basement Construction	0.00 %	0.00 %	\$0.00
B10 - Superstructure	52.00 %	0.00 %	\$0.00
B20 - Exterior Enclosure	49.21 %	5.90 %	\$301.00
B30 - Roofing	0.00 %	110.00 %	\$2,309.00
C10 - Interior Construction	0.00 %	0.00 %	\$0.00
C30 - Interior Finishes	0.00 %	0.00 %	\$0.00
D20 - Plumbing	0.00 %	0.00 %	\$0.00
D50 - Electrical	0.00 %	0.00 %	\$0.00
Totals:	39.97 %	25.45 %	\$2,610.00

Photo Album

The photo album consists of the various cardinal directions of the building.

1). South Elevation - Jun 29, 2015



2). West Elevation - Jun 29, 2015



3). North Elevation - Jun 29, 2015



4). East Elevation - Jun 29, 2015



Condition Detail

This section of the report contains results of the Facility Condition Assessment. The building is separated into system components based on UNIFORMAT II. The columns in the System Listing table represent the following:

1. System Code: A code that identifies the system.
2. System Description: A brief description of a system present in the building.
3. Unit Price \$: The unit price of the system.
4. UoM: The unit of measure of the system.
5. Qty: The quantity for the system.
6. Life: Building Owners and Managers Association (BOMA) recommended system design life.
7. Year Installed: The date of system installation.
8. Calc Next Renewal Year: The date of system expiration based on the life, NR stands for non renewable.
9. Next Renewal Year: The suggested system expiration date by the assessor based on visual inspection.
10. RSLI: The Remaining Service Life Index of the system.
11. FCI: The Facility Condition Index of the system.
12. RSL: Remaining Service Life in years.
13. eCR: eCOMET Condition Rating (not used in this assessment).
14. Deficiency \$: The financial investment to repair/replace system to address deficiency.
15. Replacement Value \$: The replacement cost of the system.

System Listing

The System Listing table below lists each of the systems organized by their UNIFORMAT II classification. The assessment team was tasked with recording the most recent replacement year of each system, determining the remaining service life based on the theoretical life, and evaluating the condition to confirm the forecast next replacement year. The system listing is the basis for all data contained in the Building Assessment Report.

System Code	System Description	Unit Price \$	UoM	Qty	Life	Year Installed	Calc Next Renewal Year	Next Renewal Year	RSLI%	FCI%	RSL	eCR	Deficiency \$	Replacement Value \$
A1010	Standard Foundations	\$4.49	S.F.	125	100	1967	2067		52.00 %	0.00 %	52			\$561
A1030	Slab on Grade	\$3.60	S.F.	125	100	1967	2067		52.00 %	0.00 %	52			\$450
A2010	Basement Excavation	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
A2020	Basement Walls	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B1020	Roof Construction	\$16.33	S.F.	125	100	1967	2067		52.00 %	0.00 %	52			\$2,041
B2010	Exterior Walls	\$38.65	S.F.	125	100	1967	2067		52.00 %	0.00 %	52			\$4,831
B2020	Exterior Windows	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B2030	Exterior Doors	\$2.19	S.F.	125	30	1967	1997		0.00 %	109.85 %	-18		\$301.00	\$274
B3010	Roof Coverings	\$16.79	S.F.	125	20	1967	1987		0.00 %	110.00 %	-28		\$2,309.00	\$2,099
C1010	Partitions	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C1020	Interior Doors	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C1030	Fittings	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C3010	Wall Finishes	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C3020	Floor Finishes	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C3030	Ceiling Finishes	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D2040	Rain Water Drainage	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D5010	Electrical Service/Distribution	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D5020	Lighting and Branch Wiring	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
Total									39.97 %	25.45 %			\$2,610.00	\$10,256

Renewal Schedule

eComet forecasts future Capital Renewal projects for expiring systems based on the Calculated Next Renewal year found in the system listing. There is a 3% yearly inflation factor applied to the system costs expiring in the future. The table below reflects Capital Renewal projects over the next 10 years. Note: Blank cells (or \$0) indicate no systems are scheduled for renewal in that year.

Inflation Rate: 3%

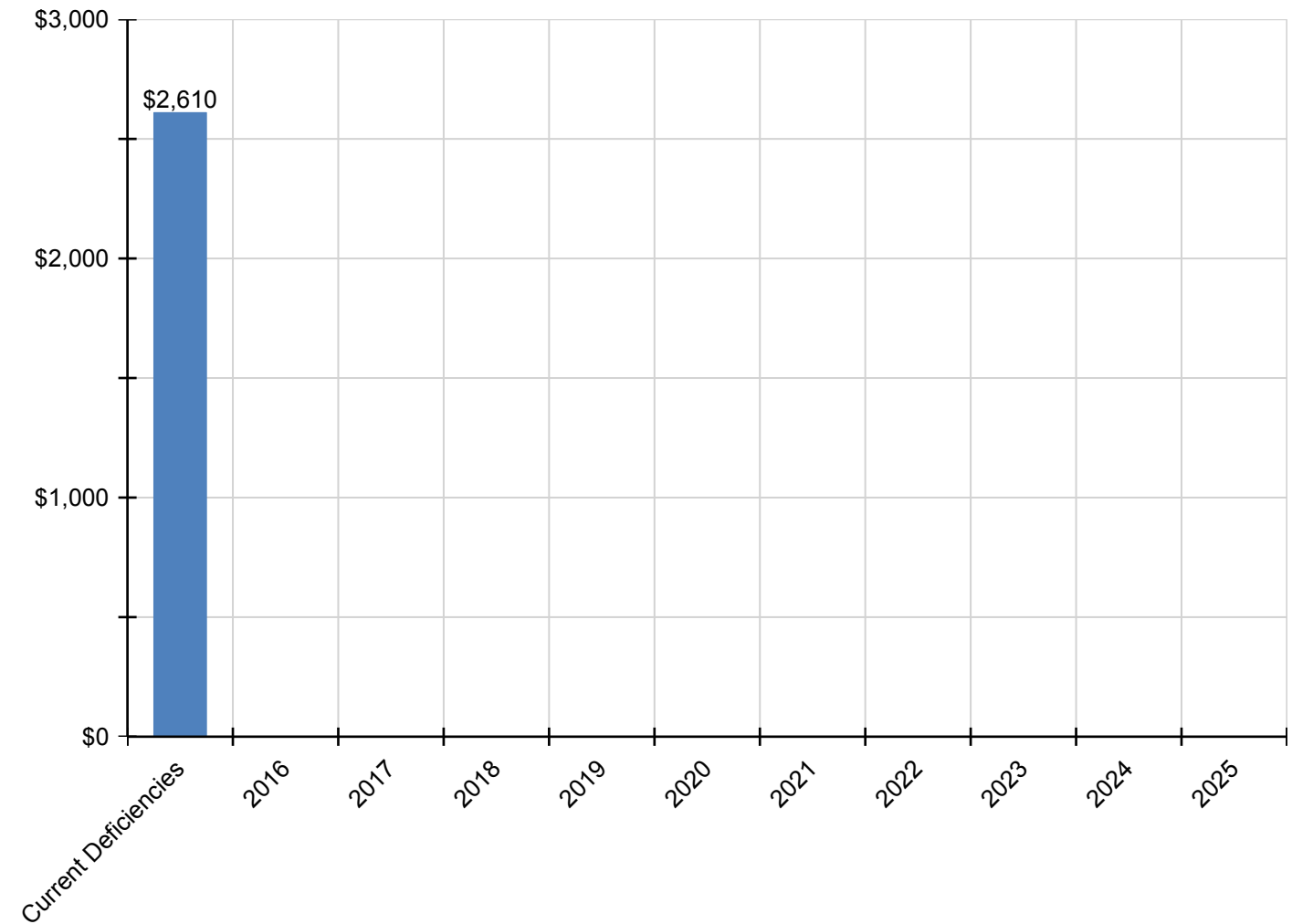
School Assessment Report - 1967 Storage

System	Current Deficiencies	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
Total:	\$2,610	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,610
* A - Substructure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A10 - Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1010 - Standard Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1030 - Slab on Grade	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A20 - Basement Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A2010 - Basement Excavation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A2020 - Basement Walls	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B - Shell	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B10 - Superstructure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B1020 - Roof Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B20 - Exterior Enclosure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B2010 - Exterior Walls	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B2020 - Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B2030 - Exterior Doors	\$301	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$301
B30 - Roofing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings	\$2,309	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,309
C - Interiors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C10 - Interior Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C1010 - Partitions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C1020 - Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C1030 - Fittings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C30 - Interior Finishes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3010 - Wall Finishes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3020 - Floor Finishes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3030 - Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D - Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D20 - Plumbing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D2040 - Rain Water Drainage	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D50 - Electrical	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D5010 - Electrical Service/Distribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D5020 - Lighting and Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

** Indicates non-renewable system*

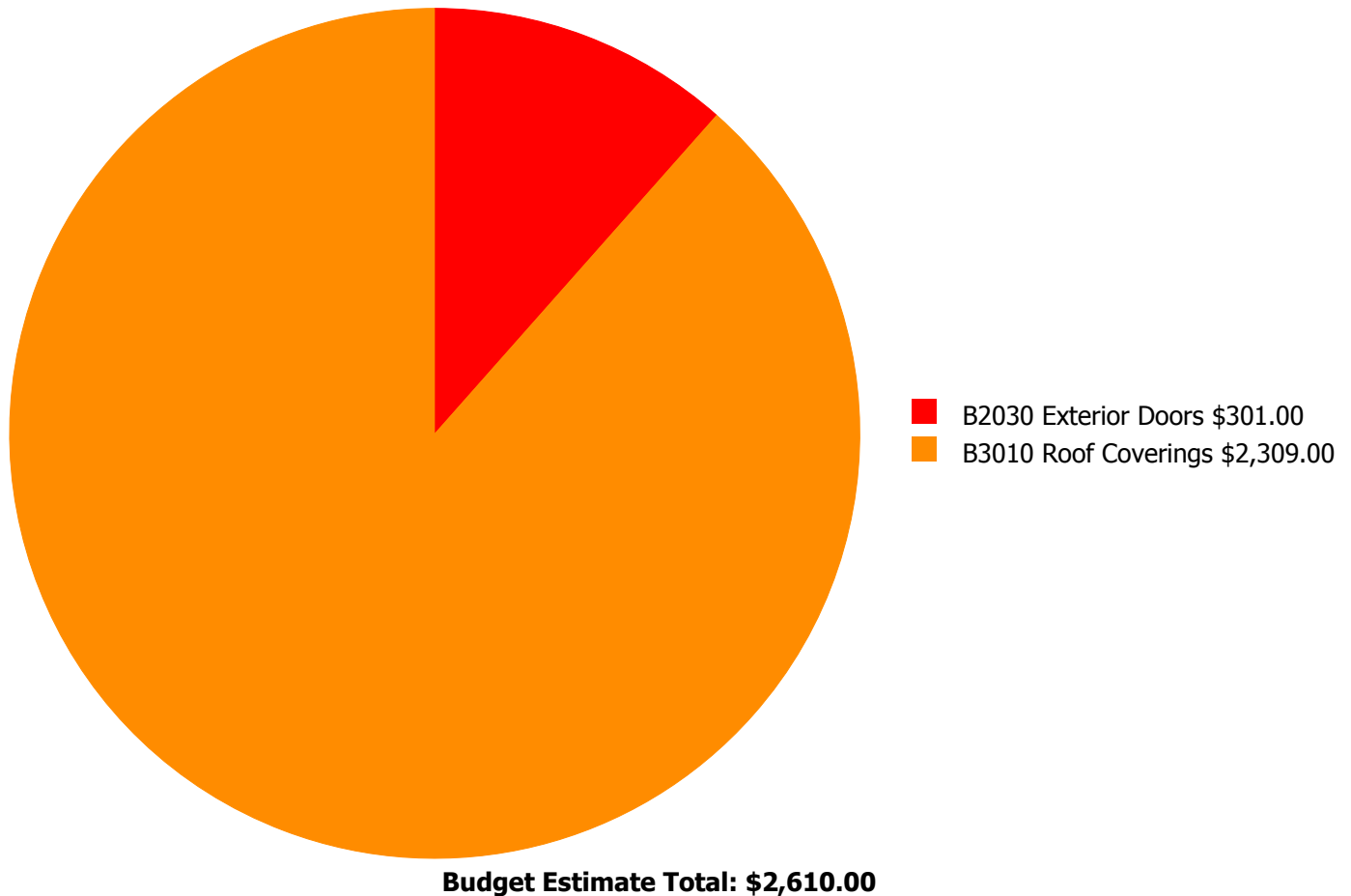
Forecasted Capital Renewal Requirement

The following chart shows the current building deficiencies and the forecasted capital renewal (system replacement) requirements over the next ten years.



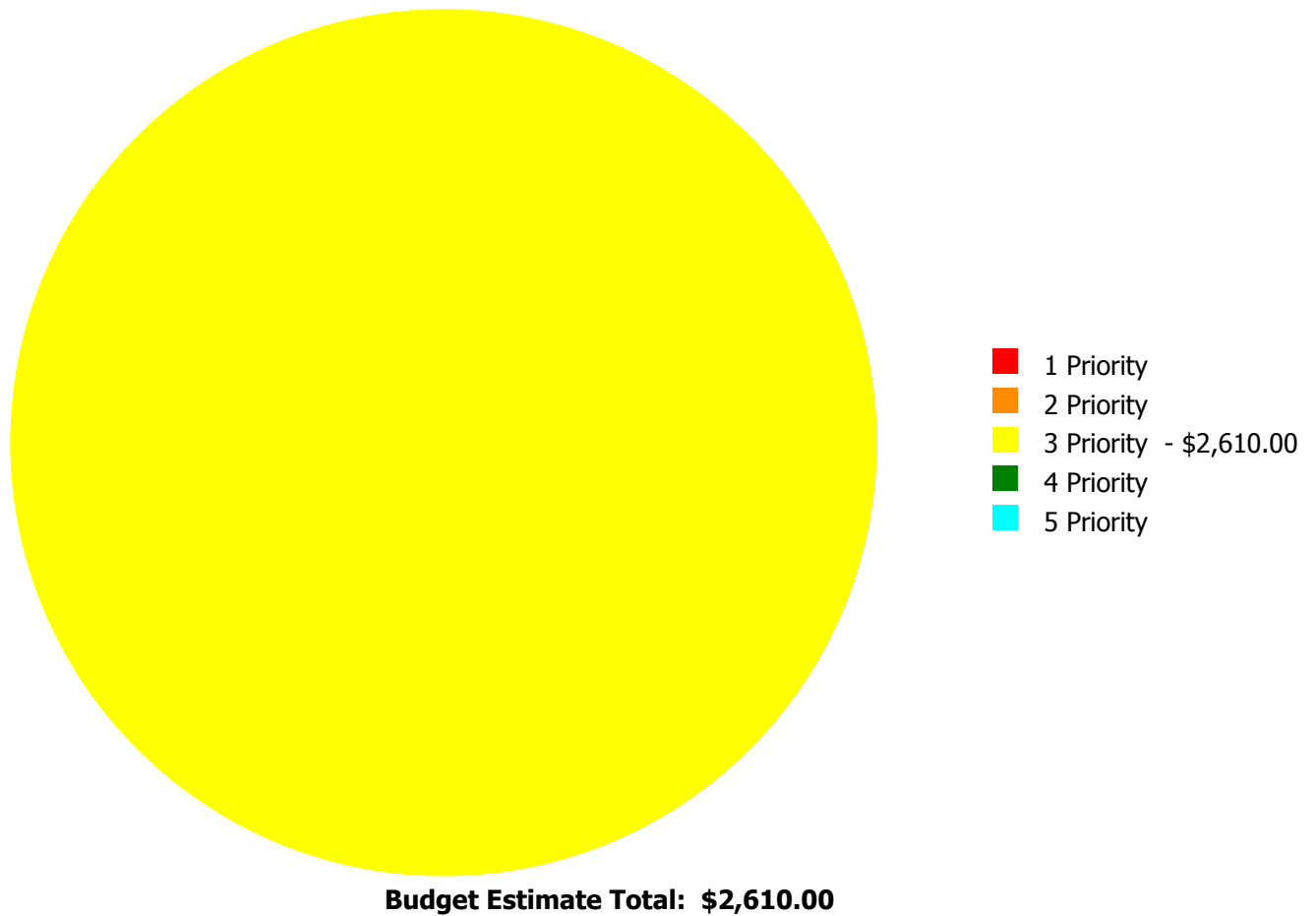
Deficiency Summary by System

Current deficiencies include assemblies that have reached or exceed their design life or components of the assemblies that are in need of repair. Assemblies that have reached their design life are identified as current deficiencies and assigned the distress 'Beyond Service Life'. The following chart lists all current deficiencies associated with this facility broken down by UNIFORMAT system.



Deficiency Summary by Priority

The following chart shows the total repair costs broken down by priority. Assessors assigned deficiencies within eCOMET to one of the following priority categories:



Deficiency By Priority Investment Table

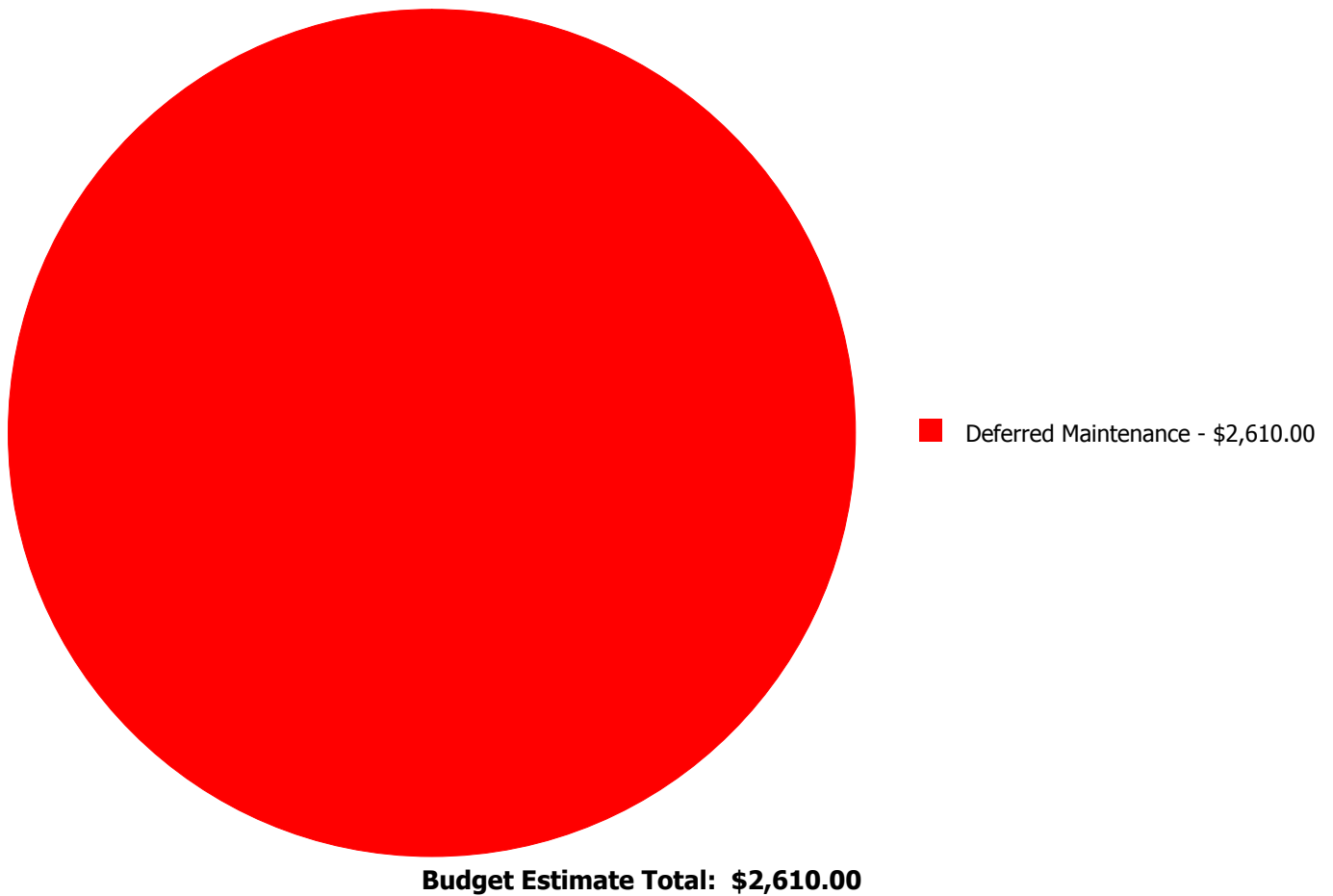
The table below shows the current investment cost grouped by deficiency priority and building system. Assessors assigned deficiencies within eCOMET to one of the following priority categories:

- **Priority 1** deficiencies require immediate review to correct a potential life/safety hazard, stop accelerated deterioration, or return a facility to operation.
- **Priority 2** deficiencies could become a Priority 1 deficiency, if not corrected within the next 2-3 years. These include intermittent operations, rapid deterioration, or potential life/safety hazards. .
- **Priority 3** deficiencies require appropriate attention to preclude predictable deterioration or potential downtime and the associated damage or higher costs if deferred further and not completed within the next 3-5 years.
- **Priority 4** deficiencies represent a sensible improvement to existing conditions. The recommended improvements are not required for the basic functionality of the facility; however addressing these deficiencies will improve overall usability and/or reduce long term maintenance costs. Repairs for these deficiencies may be budgeted and scheduled for completion within the next 5-7 years.
- **Priority 5** deficiencies will include conditions that have no impact on the function or usability of the facility, such as appearance. No action is required for these deficiencies, but they are tracked since they may require future inspection or be completed as part of related repairs in contiguous areas of the facility.

System Code	System Description	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Total
B2030	Exterior Doors	\$0.00	\$0.00	\$301.00	\$0.00	\$0.00	\$301.00
B3010	Roof Coverings	\$0.00	\$0.00	\$2,309.00	\$0.00	\$0.00	\$2,309.00
	Total:	\$0.00	\$0.00	\$2,610.00	\$0.00	\$0.00	\$2,610.00

Deficiency Summary by Category

The following chart shows the total repair costs broken down by deficiency categories. Assessors assigned deficiencies to one of the following categories:



Deficiency Details by Priority

The deficiency detail notes listed below provide additional information on identified deficiencies found within the facility.

Priority 3 Priority:

System: B2030 - Exterior Doors



Location: Exterior Wall

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 125.00

Unit of Measure: S.F.

Estimate: \$301.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The original exterior doors are aged, rusted, and should be replaced.

System: B3010 - Roof Coverings



Location: Roof

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 125.00

Unit of Measure: S.F.

Estimate: \$2,309.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: Built-up roof covering is in deteriorating condition, with cracks and reported water leaks.

Executive Summary

Building condition is evaluated based on the functional systems and elements of a building and organized according to the UNIFORMAT II Elemental Classification. The grouping of these systems and elements and applying a current replacement value to them develops a representative building cost model. Cost Models are developed for similar building types and functions. Systems and their elements are evaluated based on their current replacement values, life cycles, installation dates and next renewal dates. Systems and their elements that are within their useful lives are further evaluated to identify current deficient conditions that may have a significant impact on a system's or element's remaining service life, and to determine if they are beyond their predicted expected life. The system's or element's current replacement value is based on RS Means Commercial Cost Data.

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Function:	Elementary School
Gross Area (SF):	41,802
Year Built:	1967
Last Renovation:	
Replacement Value:	\$9,058,764
Repair Cost:	\$3,481,504.00
Total FCI:	38.43 %
Total RSLI:	32.08 %
FCA Score:	61.57



Description:

The main building at Dunaire Elementary School is a one-story building located at 651 South Indian Creek Drive in Stone Mountain, Georgia. Originally built in 1967, there has been two additions in 1973 and 1990, and a major renovation in 2008. This report contains condition and adequacy data collected during the 2015 Facility Condition Assessment (FCA). Detailed condition and deficiency statements are contained in this report.

Attributes:

General Attributes:

Building Codes:	2010, 2011	Fire Sprinkler System:	No
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Condition Summary

The Table below shows the RSLI and FCI for each major building system shown at the UNIFORMAT classification Level II. Note that Systems with lower FCIs require less investment than systems with higher FCIs.

UNIFORMAT Classification	RSLI %	FCI %	Current Repair Cost
A10 - Foundations	52.00 %	0.00 %	\$0.00
A20 - Basement Construction	0.00 %	0.00 %	\$0.00
B10 - Superstructure	52.00 %	0.00 %	\$0.00
B20 - Exterior Enclosure	13.50 %	35.74 %	\$354,523.00
B30 - Roofing	72.00 %	0.00 %	\$0.00
C10 - Interior Construction	29.90 %	40.86 %	\$208,215.00
C30 - Interior Finishes	20.93 %	20.77 %	\$301,000.00
D10 - Conveying	0.00 %	0.00 %	\$0.00
D20 - Plumbing	1.28 %	108.29 %	\$1,197,377.00
D30 - HVAC	58.57 %	0.00 %	\$0.00
D40 - Fire Protection	0.00 %	0.00 %	\$0.00
D50 - Electrical	31.77 %	61.74 %	\$652,487.00
E10 - Equipment	0.00 %	110.00 %	\$520,978.00
E20 - Furnishings	0.00 %	110.00 %	\$246,924.00
F10 - Special Construction	0.00 %	0.00 %	\$0.00
Totals:	32.08 %	38.43 %	\$3,481,504.00

Photo Album

The photo album consists of the various cardinal directions of the building.

1). Main Entrance - Jun 29, 2015



2). South Elevation - Jun 29, 2015



3). East Elevation - Jun 29, 2015



4). North Elevation - Jun 29, 2015



5). West Elevation - Jun 29, 2015



Condition Detail

This section of the report contains results of the Facility Condition Assessment. The building is separated into system components based on UNIFORMAT II. The columns in the System Listing table represent the following:

1. System Code: A code that identifies the system.
2. System Description: A brief description of a system present in the building.
3. Unit Price \$: The unit price of the system.
4. UoM: The unit of measure of the system.
5. Qty: The quantity for the system.
6. Life: Building Owners and Managers Association (BOMA) recommended system design life.
7. Year Installed: The date of system installation.
8. Calc Next Renewal Year: The date of system expiration based on the life, NR stands for non renewable.
9. Next Renewal Year: The suggested system expiration date by the assessor based on visual inspection.
10. RSLI: The Remaining Service Life Index of the system.
11. FCI: The Facility Condition Index of the system.
12. RSL: Remaining Service Life in years.
13. eCR: eCOMET Condition Rating (not used in this assessment).
14. Deficiency \$: The financial investment to repair/replace system to address deficiency.
15. Replacement Value \$: The replacement cost of the system.

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System Listing

The System Listing table below lists each of the systems organized by their UNIFORMAT II classification. The assessment team was tasked with recording the most recent replacement year of each system, determining the remaining service life based on the theoretical life, and evaluating the condition to confirm the forecast next replacement year. The system listing is the basis for all data contained in the Building Assessment Report.

System Code	System Description	Unit Price \$	UoM	Qty	Life	Year Installed	Calc Next Renewal Year	Next Renewal Year	RSLI%	FCI%	RSL	eCR	Deficiency \$	Replacement Value \$
A1010	Standard Foundations	\$6.49	S.F.	41,802	100	1967	2067		52.00 %	0.00 %	52			\$271,295
A1020	Special Foundations	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
A1030	Slab on Grade	\$7.09	S.F.	41,802	100	1967	2067		52.00 %	0.00 %	52			\$296,376
A2010	Basement Excavation	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
A2020	Basement Walls	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B1010	Floor Construction	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B1020	Roof Construction	\$5.34	S.F.	41,802	100	1967	2067		52.00 %	0.00 %	52			\$223,223
B2010	Exterior Walls	\$16.02	S.F.	41,802	60	1967	2027		20.00 %	0.00 %	12			\$669,668
B2020	Exterior Windows	\$6.79	S.F.	41,802	30	1967	1997		0.00 %	110.00 %	-18		\$312,219.00	\$283,836
B2030	Exterior Doors	\$0.92	S.F.	41,802	30	1967	1997		0.00 %	110.00 %	-18		\$42,304.00	\$38,458
B3010	Roof Coverings - Asphalt Shingles	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B3010	Roof Coverings - BUR	\$20.70	S.F.	41,802	25	2008	2033		72.00 %	0.00 %	18			\$865,301
B3010	Roof Coverings - EPDM	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B3010	Roof Coverings - Preformed Metal	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B3010	Roof Coverings - Standing Seam Metal	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B3020	Roof Openings	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C1010	Partitions	\$7.01	S.F.	41,802	100	1967	2067		52.00 %	0.00 %	52			\$293,032
C1020	Interior Doors	\$2.39	S.F.	41,802	30	1967	1997		0.00 %	80.00 %	-18		\$79,925.00	\$99,907
C1030	Fittings	\$2.79	S.F.	41,802	20	1967	1987		0.00 %	110.00 %	-28		\$128,290.00	\$116,628
C3010	Wall Finishes - Ceramic & Glazed	\$10.27	S.F.	20,901	30	1967	1997		0.00 %	0.00 %	-18			\$214,653
C3010	Wall Finishes - Paint	\$1.93	S.F.	20,901	10	2008	2018		30.00 %	0.00 %	3			\$40,339
C3010	Wall Finishes - Wall Coverings	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C3020	Floor Finishes - Carpet	\$8.50	S.F.	5,311	8	1967	1975		0.00 %	110.00 %	-40		\$49,658.00	\$45,144
C3020	Floor Finishes - Ceramic & Quarry Tile	\$14.49	S.F.	4,180	50	1967	2017		4.00 %	0.00 %	2			\$60,568
C3020	Floor Finishes - Terrazzo	\$53.01	S.F.	8,360	50	1967	2017		4.00 %	0.00 %	2			\$443,164
C3020	Floor Finishes - VCT	\$9.54	S.F.	23,951	15	1990	2005		0.00 %	110.00 %	-10		\$251,342.00	\$228,493
C3020	Floor Finishes - Wood	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C3030	Ceiling Finishes	\$9.98	S.F.	41,802	20	2008	2028		65.00 %	0.00 %	13			\$417,184
D1010	Elevators and Lifts	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D2010	Plumbing Fixtures	\$17.66	S.F.	41,802	30	1967	1997		0.00 %	110.00 %	-18		\$812,046.00	\$738,223
D2020	Domestic Water Distribution	\$3.99	S.F.	41,802	30	1967	1997		0.00 %	110.00 %	-18		\$183,469.00	\$166,790
D2030	Sanitary Waste	\$3.41	S.F.	41,802	30	1967	1997		0.00 %	110.00 %	-18		\$156,799.00	\$142,545
D2040	Rain Water Drainage	\$0.98	S.F.	41,802	30	1967	1997		0.00 %	110.00 %	-18		\$45,063.00	\$40,966
D2090	Other Plumbing Systems - Natural Gas	\$0.41	S.F.	41,802	40	2008	2048		82.50 %	0.00 %	33			\$17,139

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System Code	System Description	Unit Price \$	UoM	Qty	Life	Year Installed	Calc Next Renewal Year	Next Renewal Year	RSLI%	FCI%	RSL	eCR	Deficiency \$	Replacement Value \$
D3020	Heat Generating Systems	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D3030	Cooling Generating Systems	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D3040	Distribution & Exhaust Systems	\$5.51	S.F.	41,802	30	2008	2038		76.67 %	0.00 %	23			\$230,329
D3050	Terminal & Package Units	\$27.72	S.F.	41,802	15	2008	2023		53.33 %	0.00 %	8			\$1,158,751
D3060	Controls & Instrumentation	\$3.60	S.F.	41,802	20	2008	2028		65.00 %	0.00 %	13			\$150,487
D3090	Other HVAC Systems/Equip - Kitchen Hood	\$1.23	S.F.	41,802	30	2008	2038		76.67 %	0.00 %	23			\$51,416
D4010	Sprinklers	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D5010	Electrical Service/Distribution	\$1.81	S.F.	41,802	40	1967	2007		0.00 %	110.00 %	-8		\$83,228.00	\$75,662
D5020	Branch Wiring	\$6.78	S.F.	41,802	30	1967	1997		0.00 %	110.00 %	-18		\$311,759.00	\$283,418
D5020	Lighting	\$8.90	S.F.	41,802	30	2008	2038		76.67 %	0.00 %	23			\$372,038
D5030	Communications and Security - Clock & PA Systems	\$5.60	S.F.	41,802	15	1967	1982		0.00 %	110.00 %	-33		\$257,500.00	\$234,091
D5030	Communications and Security - Fire Alarm	\$1.23	S.F.	41,802	15	2008	2023		53.33 %	0.00 %	8			\$51,416
D5030	Communications and Security - Security & CCTV	\$0.61	S.F.	41,802	15	2008	2023		53.33 %	0.00 %	8			\$25,499
D5090	Other Electrical Systems - Emergency Generator	\$0.35	S.F.	41,802	20	2008	2028		65.00 %	0.00 %	13			\$14,631
E1010	Commercial Equipment	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
E1020	Institutional Equipment	\$0.40	S.F.	41,802	20	1967	1987		0.00 %	110.00 %	-28		\$18,393.00	\$16,721
E1090	Other Equipment - Kitchen Equipment	\$10.93	S.F.	41,802	20	1967	1987		0.00 %	110.00 %	-28		\$502,585.00	\$456,896
E2010	Fixed Furnishings	\$5.37	S.F.	41,802	20	1967	1987		0.00 %	110.00 %	-28		\$246,924.00	\$224,477
F1010	Special Structures - Canopies	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
Total									32.08 %	38.43 %			\$3,481,504.00	\$9,058,764

Renewal Schedule

eComet forecasts future Capital Renewal projects for expiring systems based on the Calculated Next Renewal year found in the system listing. There is a 3% yearly inflation factor applied to the system costs expiring in the future. The table below reflects Capital Renewal projects over the next 10 years. Note: Blank cells (or \$0) indicate no systems are scheduled for renewal in that year.

Inflation Rate: 3%

System	Current Deficiencies	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
Total:	\$3,481,504	\$0	\$587,850	\$48,488	\$0	\$0	\$0	\$0	\$1,784,742	\$0	\$0	\$5,902,584
* A - Substructure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A10 - Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1010 - Standard Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1020 - Special Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1030 - Slab on Grade	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A20 - Basement Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A2010 - Basement Excavation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A2020 - Basement Walls	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B - Shell	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B10 - Superstructure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B1010 - Floor Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B1020 - Roof Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B20 - Exterior Enclosure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B2010 - Exterior Walls	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B2020 - Exterior Windows	\$312,219	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$312,219
B2030 - Exterior Doors	\$42,304	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,304
B30 - Roofing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - Asphalt Shingles	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - BUR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - EPDM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - Preformed Metal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - Standing Seam Metal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3020 - Roof Openings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C - Interiors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C10 - Interior Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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C1010 - Partitions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C1020 - Interior Doors	\$79,925	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$79,925
C1030 - Fittings	\$128,290	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$128,290
C30 - Interior Finishes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3010 - Wall Finishes - Ceramic & Glazed	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3010 - Wall Finishes - Paint	\$0	\$0	\$0	\$48,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,488
C3010 - Wall Finishes - Wall Coverings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3020 - Floor Finishes - Carpet	\$49,658	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$62,905	\$0	\$0	\$112,563
C3020 - Floor Finishes - Ceramic & Quarry Tile	\$0	\$0	\$70,682	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,682
C3020 - Floor Finishes - Terrazzo	\$0	\$0	\$517,168	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$517,168
C3020 - Floor Finishes - VCT	\$251,342	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$251,342
C3020 - Floor Finishes - Wood	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3030 - Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D - Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D10 - Conveying	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D1010 - Elevators and Lifts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D20 - Plumbing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D2010 - Plumbing Fixtures	\$812,046	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$812,046
D2020 - Domestic Water Distribution	\$183,469	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$183,469
D2030 - Sanitary Waste	\$156,799	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$156,799
D2040 - Rain Water Drainage	\$45,063	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$45,063
D2090 - Other Plumbing Systems - Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D30 - HVAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3020 - Heat Generating Systems	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3030 - Cooling Generating Systems	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3040 - Distribution & Exhaust Systems	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3050 - Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,614,659	\$0	\$0	\$1,614,659
D3060 - Controls & Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3090 - Other HVAC Systems/Equip - Kitchen Hood	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D40 - Fire Protection	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D4010 - Sprinklers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D50 - Electrical	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

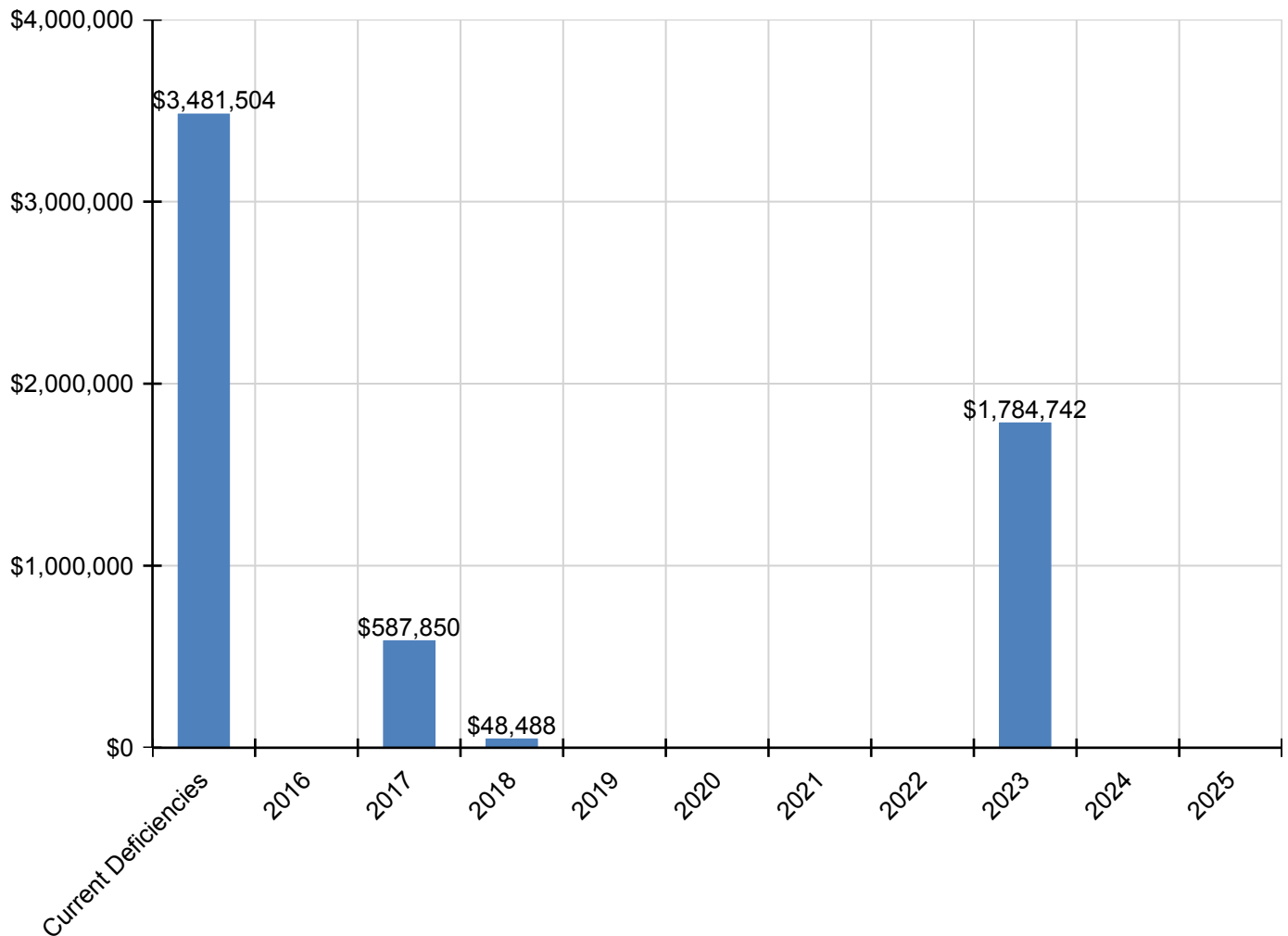
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D5010 - Electrical Service/Distribution	\$83,228	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$83,228
D5020 - Branch Wiring	\$311,759	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$311,759
D5020 - Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D5030 - Communications and Security - Clock & PA Systems	\$257,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$257,500
D5030 - Communications and Security - Fire Alarm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$71,646	\$0	\$0	\$71,646
D5030 - Communications and Security - Security & CCTV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,532	\$0	\$0	\$35,532
D5090 - Other Electrical Systems - Emergency Generator	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E - Equipment & Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E10 - Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E1010 - Commercial Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E1020 - Institutional Equipment	\$18,393	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,393
E1090 - Other Equipment - Kitchen Equipment	\$502,585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$502,585
E20 - Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E2010 - Fixed Furnishings	\$246,924	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$246,924
F - Special Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F10 - Special Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F1010 - Special Structures - Canopies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

* Indicates non-renewable system

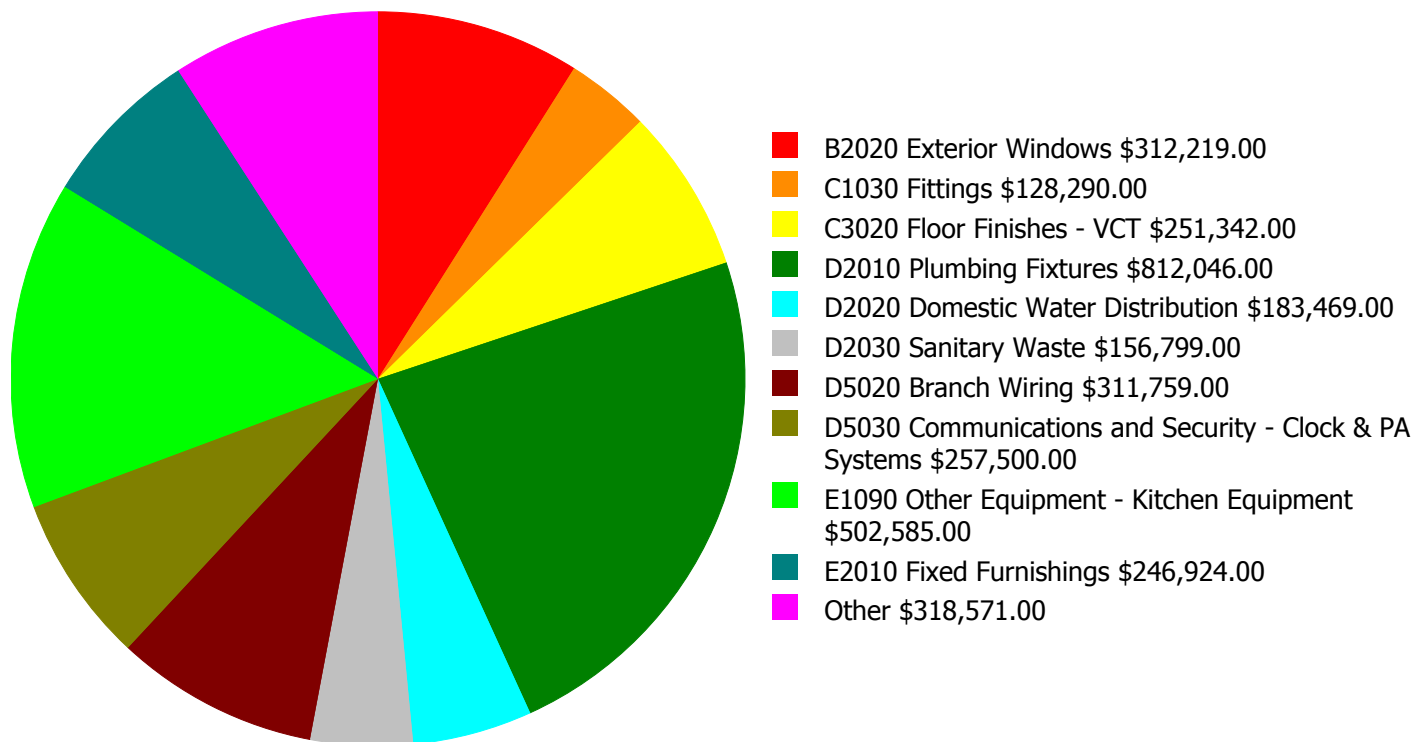
Forecasted Capital Renewal Requirement

The following chart shows the current building deficiencies and the forecasted capital renewal (system replacement) requirements over the next ten years.



Deficiency Summary by System

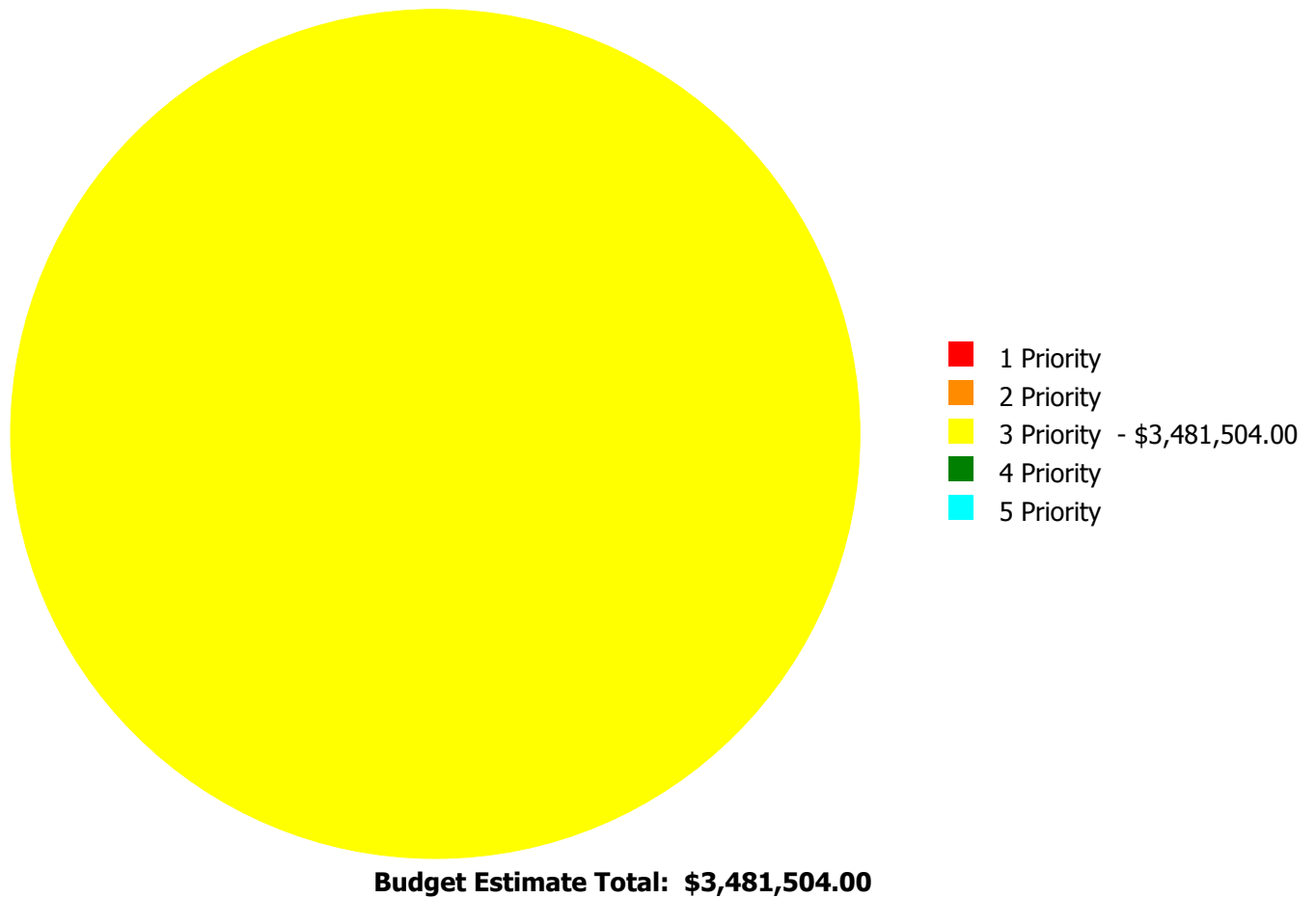
Current deficiencies include assemblies that have reached or exceed their design life or components of the assemblies that are in need of repair. Assemblies that have reached their design life are identified as current deficiencies and assigned the distress 'Beyond Service Life'. The following chart lists all current deficiencies associated with this facility broken down by UNIFORMAT system.



Budget Estimate Total: \$3,481,504.00

Deficiency Summary by Priority

The following chart shows the total repair costs broken down by priority. Assessors assigned deficiencies within eCOMET to one of the following priority categories:



Deficiency By Priority Investment Table

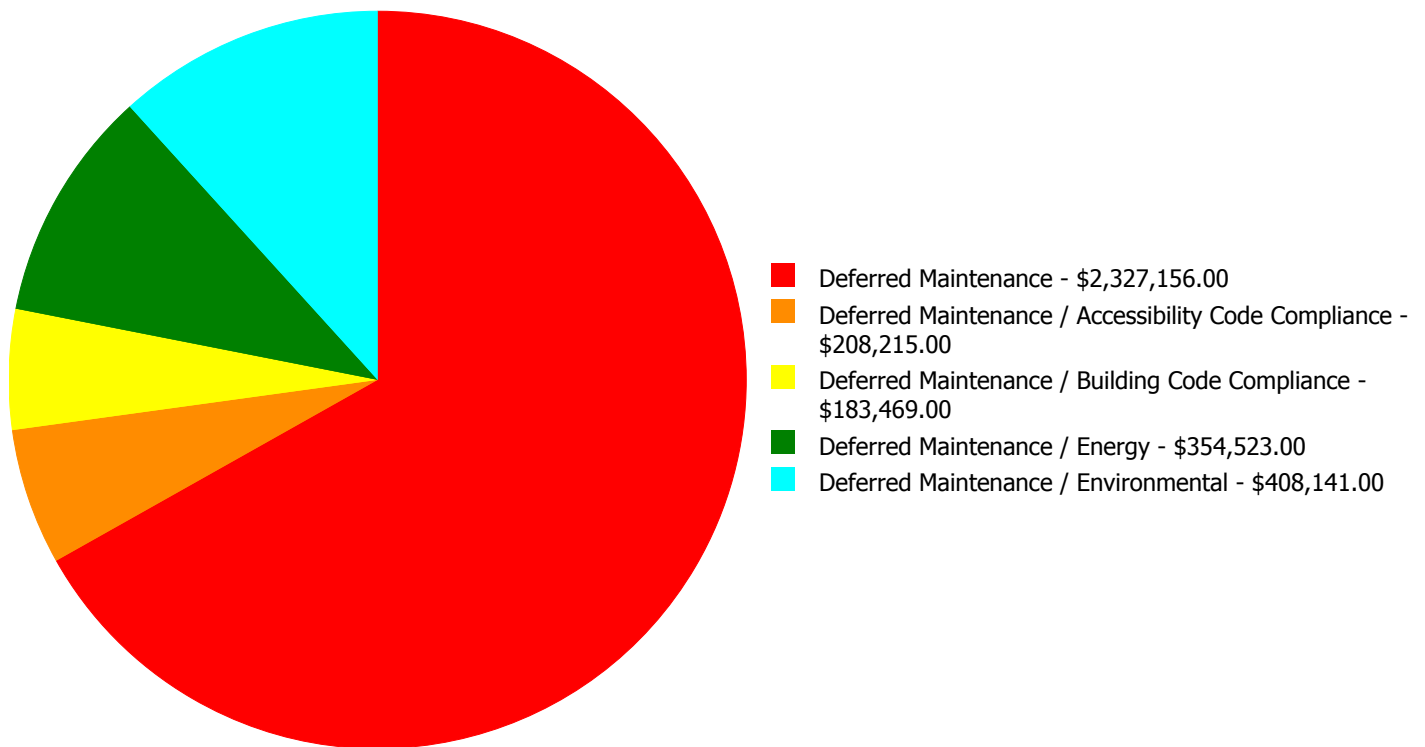
The table below shows the current investment cost grouped by deficiency priority and building system. Assessors assigned deficiencies within eCOMET to one of the following priority categories:

- **Priority 1** deficiencies require immediate review to correct a potential life/safety hazard, stop accelerated deterioration, or return a facility to operation.
- **Priority 2** deficiencies could become a Priority 1 deficiency, if not corrected within the next 2-3 years. These include intermittent operations, rapid deterioration, or potential life/safety hazards. .
- **Priority 3** deficiencies require appropriate attention to preclude predictable deterioration or potential downtime and the associated damage or higher costs if deferred further and not completed within the next 3-5 years.
- **Priority 4** deficiencies represent a sensible improvement to existing conditions. The recommended improvements are not required for the basic functionality of the facility; however addressing these deficiencies will improve overall usability and/or reduce long term maintenance costs. Repairs for these deficiencies may be budgeted and scheduled for completion within the next 5-7 years.
- **Priority 5** deficiencies will include conditions that have no impact on the function or usability of the facility, such as appearance. No action is required for these deficiencies, but they are tracked since they may require future inspection or be completed as part of related repairs in contiguous areas of the facility.

System Code	System Description	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Total
B2020	Exterior Windows	\$0.00	\$0.00	\$312,219.00	\$0.00	\$0.00	\$312,219.00
B2030	Exterior Doors	\$0.00	\$0.00	\$42,304.00	\$0.00	\$0.00	\$42,304.00
C1020	Interior Doors	\$0.00	\$0.00	\$79,925.00	\$0.00	\$0.00	\$79,925.00
C1030	Fittings	\$0.00	\$0.00	\$128,290.00	\$0.00	\$0.00	\$128,290.00
C3020	Floor Finishes - Carpet	\$0.00	\$0.00	\$49,658.00	\$0.00	\$0.00	\$49,658.00
C3020	Floor Finishes - VCT	\$0.00	\$0.00	\$251,342.00	\$0.00	\$0.00	\$251,342.00
D2010	Plumbing Fixtures	\$0.00	\$0.00	\$812,046.00	\$0.00	\$0.00	\$812,046.00
D2020	Domestic Water Distribution	\$0.00	\$0.00	\$183,469.00	\$0.00	\$0.00	\$183,469.00
D2030	Sanitary Waste	\$0.00	\$0.00	\$156,799.00	\$0.00	\$0.00	\$156,799.00
D2040	Rain Water Drainage	\$0.00	\$0.00	\$45,063.00	\$0.00	\$0.00	\$45,063.00
D5010	Electrical Service/Distribution	\$0.00	\$0.00	\$83,228.00	\$0.00	\$0.00	\$83,228.00
D5020	Branch Wiring	\$0.00	\$0.00	\$311,759.00	\$0.00	\$0.00	\$311,759.00
D5030	Communications and Security - Clock & PA Systems	\$0.00	\$0.00	\$257,500.00	\$0.00	\$0.00	\$257,500.00
E1020	Institutional Equipment	\$0.00	\$0.00	\$18,393.00	\$0.00	\$0.00	\$18,393.00
E1090	Other Equipment - Kitchen Equipment	\$0.00	\$0.00	\$502,585.00	\$0.00	\$0.00	\$502,585.00
E2010	Fixed Furnishings	\$0.00	\$0.00	\$246,924.00	\$0.00	\$0.00	\$246,924.00
Total:		\$0.00	\$0.00	\$3,481,504.00	\$0.00	\$0.00	\$3,481,504.00

Deficiency Summary by Category

The following chart shows the total repair costs broken down by deficiency categories. Assessors assigned deficiencies to one of the following categories:



Budget Estimate Total: \$3,481,504.00

Deficiency Details by Priority

The deficiency detail notes listed below provide additional information on identified deficiencies found within the facility.

Priority 3 Priority:

System: B2020 - Exterior Windows



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance / Energy

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$312,219.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The aluminum frame, operable, single pane windows are aged, damaged, not energy efficient, and should be replaced.

System: B2030 - Exterior Doors



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance / Energy

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$42,304.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The original exterior doors are aged, rusted, do not lock/seal properly, and should be replaced.

System: C1020 - Interior Doors



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance / Accessibility Code Compliance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$79,925.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The interior doors are aged and failing, not ADA or building code compliant, and the entire system should be replaced. In the cafeteria, where two consecutive emergency exit doors are located, only one has panic hardware and it should be provided on both doors.

System: C1030 - Fittings



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance / Accessibility Code Compliance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$128,290.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: Fittings, such as toilet partitions, handrails and signage, are beyond their expected service life, not ADA compliant, and should be replaced. Room signs do not have raised characters and Braille.

System: C3020 - Floor Finishes - Carpet



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 5,311.00

Unit of Measure: S.F.

Estimate: \$49,658.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The carpet is aged, stained and frayed, and should be replaced.

System: C3020 - Floor Finishes - VCT



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance / Environmental

Priority: 3 Priority

Correction: Renew System

Qty: 23,951.00

Unit of Measure: S.F.

Estimate: \$251,342.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The VCT flooring is aged, cracked and worn, and should be replaced.

System: D2010 - Plumbing Fixtures



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$812,046.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The plumbing fixtures are beyond their expected service life and should be scheduled for replacement.

System: D2020 - Domestic Water Distribution



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance / Building Code Compliance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$183,469.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The domestic water distribution system is beyond its expected service life, aged, and should be scheduled for replacement. Domestic water heaters or converters are not equipped with adequate expansion compensation. School staff reports that water is not clear after a long weekend or holiday.

System: D2030 - Sanitary Waste



Location: Throughout Building
Distress: Beyond Service Life
Category: Deferred Maintenance / Environmental
Priority: 3 Priority
Correction: Renew System
Qty: 41,802.00
Unit of Measure: S.F.
Estimate: \$156,799.00
Assessor Name: Ben Nixon
Date Created: 04/11/2015

Notes: The sanitary waste system is beyond its expected service life and should be scheduled for replacement. School staff reports clogged drains and odors in 5th grade boys restroom. SPLOST project 107-422 to replace the grease trap and backflow preventer.

System: D2040 - Rain Water Drainage



Location: Throughout Building
Distress: Beyond Service Life
Category: Deferred Maintenance
Priority: 3 Priority
Correction: Renew System
Qty: 41,802.00
Unit of Measure: S.F.
Estimate: \$45,063.00
Assessor Name: Ben Nixon
Date Created: 06/28/2015

Notes: The rainwater drainage system is beyond its expected service life, inadequate, and should be scheduled for replacement.

System: D5010 - Electrical Service/Distribution



Location: Main Switch Room/Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$83,228.00

Assessor Name: Ben Nixon

Date Created: 06/23/2015

Notes: The electrical service/distribution system is beyond its expected service life, aged, and should be scheduled for replacement.

System: D5020 - Branch Wiring



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$311,759.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The branch wiring system is beyond its expected service life, aged, and should be scheduled for replacement.

System: D5030 - Communications and Security - Clock & PA Systems



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$257,500.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: Clock and PA systems are beyond their expected service life, aged, and should be scheduled for replacement.

System: E1020 - Institutional Equipment



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$18,393.00

Assessor Name: Ben Nixon

Date Created: 03/01/2016

Notes: Institutional equipment, such as theater and stage equipment, library equipment and audio-visual equipment, is beyond its expected service life and should be replaced.

System: E1090 - Other Equipment - Kitchen Equipment



Location: Kitchen

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$502,585.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: Kitchen equipment is beyond its expected service life and should be scheduled for replacement.

System: E2010 - Fixed Furnishings



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 41,802.00

Unit of Measure: S.F.

Estimate: \$246,924.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: Fixed furnishings, such as built-in cabinets, are beyond their expected service life and worn, and should be replaced.

Executive Summary

Building condition is evaluated based on the functional systems and elements of a building and organized according to the UNIFORMAT II Elemental Classification. The grouping of these systems and elements and applying a current replacement value to them develops a representative building cost model. Cost Models are developed for similar building types and functions. Systems and their elements are evaluated based on their current replacement values, life cycles, installation dates and next renewal dates. Systems and their elements that are within their useful lives are further evaluated to identify current deficient conditions that may have a significant impact on a system's or element's remaining service life, and to determine if they are beyond their predicted expected life. The system's or element's current replacement value is based on RS Means Commercial Cost Data.

Following are the cost model's system details for this facility. The **Replacement Value** is the amount needed to replace the property of the same present scope. The **Repair Cost** (the sum of the cost to repair/replace the Deficiencies) represents the budgeted contractor-installed costs plus owner's soft costs for the repair, replacement or renewal for a component or system level deficiency. It excludes contributing costs for other components or systems that might also be associated with the corrective actions due to packaging of the work. **Facility Condition Index (FCI)** is an industry-standard measurement of facility condition calculated as the ratio of the costs to correct a facility's deficiencies (Condition Needs) to the facility's Current Replacement Value. It ranges from 0% (new) to 100% (very poor - beyond service life). The **Remaining Service Life Index (RSLI)** is calculated as the sum of a renewable system's **Remaining Service Life (RSL)** divided by the sum of a system's Replacement Value (both values exclude soft-cost to simplify calculation updates) expressed as a percentage ranging from 100% (new) to 0% (expired). The relationship between the key metrics FCI and RSLI is an important indicator, at either the facility, building, system, or component levels, of the condition trend and the imminent need for capital renewal. These indices exist in an inverse relationship wherein the FCI increases when systems reach their expected life-cycle age, whereas the RSLI decreases annually indicating the relative time remaining before reaching the life-cycle expiration age. For example, a facility or a system with a high RSLI and a low FCI indicates it is in the early portion of its useful life. However, a low RSLI indicates that expiration dates are approaching at which point the FCI would increase. The term **FCA Score** is the inverse of Total FCI and calculated as 100-Total FCI (without the %) where 100 is best and 0 is worst condition.

Function:	Elementary School
Gross Area (SF):	20,121
Year Built:	1990
Last Renovation:	
Replacement Value:	\$4,116,271
Repair Cost:	\$790,297.00
Total FCI:	19.20 %
Total RSLI:	37.74 %
FCA Score:	80.80



Description:

The 1990 classroom additions at Dunaire Elementary School is a one-story building located at 651 South Indian Creek Drive in Stone Mountain, Georgia. There have been no major renovations to this building. This report contains condition and adequacy data collected during the 2015 Facility Condition Assessment (FCA). Detailed condition and deficiency statements are contained in this report.

Attributes:

General Attributes:

Building Codes:	2012	Fire Sprinkler System:	No
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Condition Summary

The Table below shows the RSLI and FCI for each major building system shown at the UNIFORMAT classification Level II. Note that Systems with lower FCIs require less investment than systems with higher FCIs.

UNIFORMAT Classification	RSLI %	FCI %	Current Repair Cost
A10 - Foundations	75.00 %	0.00 %	\$0.00
A20 - Basement Construction	0.00 %	0.00 %	\$0.00
B10 - Superstructure	75.00 %	0.00 %	\$0.00
B20 - Exterior Enclosure	44.80 %	0.00 %	\$0.00
B30 - Roofing	0.00 %	110.00 %	\$458,155.00
C10 - Interior Construction	46.40 %	25.18 %	\$61,751.00
C30 - Interior Finishes	43.30 %	20.76 %	\$146,446.00
D10 - Conveying	0.00 %	0.00 %	\$0.00
D20 - Plumbing	16.99 %	0.00 %	\$0.00
D30 - HVAC	57.96 %	0.00 %	\$0.00
D40 - Fire Protection	0.00 %	0.00 %	\$0.00
D50 - Electrical	17.14 %	24.71 %	\$123,945.00
E10 - Equipment	25.00 %	0.00 %	\$0.00
E20 - Furnishings	25.00 %	0.00 %	\$0.00
F10 - Special Construction	0.00 %	0.00 %	\$0.00
Totals:	37.74 %	19.20 %	\$790,297.00

Photo Album

The photo album consists of the various cardinal directions of the building.

1). South Elevation (East Addition) - Jun 30, 2015



2). East Elevation (East Addition) - Jun 30, 2015



3). North Elevation (East Addition) - Jun 30, 2015



4). South Elevation (West Addition) - Jun 30, 2015



5). West Elevation (West Addition) - Jun 30, 2015



6). Northwest Elevation (West Addition) - Jun 30, 2015



Condition Detail

This section of the report contains results of the Facility Condition Assessment. The building is separated into system components based on UNIFORMAT II. The columns in the System Listing table represent the following:

1. System Code: A code that identifies the system.
2. System Description: A brief description of a system present in the building.
3. Unit Price \$: The unit price of the system.
4. UoM: The unit of measure of the system.
5. Qty: The quantity for the system.
6. Life: Building Owners and Managers Association (BOMA) recommended system design life.
7. Year Installed: The date of system installation.
8. Calc Next Renewal Year: The date of system expiration based on the life, NR stands for non renewable.
9. Next Renewal Year: The suggested system expiration date by the assessor based on visual inspection.
10. RSLI: The Remaining Service Life Index of the system.
11. FCI: The Facility Condition Index of the system.
12. RSL: Remaining Service Life in years.
13. eCR: eCOMET Condition Rating (not used in this assessment).
14. Deficiency \$: The financial investment to repair/replace system to address deficiency.
15. Replacement Value \$: The replacement cost of the system.

School Assessment Report - 1990 Additions

System Listing

The System Listing table below lists each of the systems organized by their UNIFORMAT II classification. The assessment team was tasked with recording the most recent replacement year of each system, determining the remaining service life based on the theoretical life, and evaluating the condition to confirm the forecast next replacement year. The system listing is the basis for all data contained in the Building Assessment Report.

System Code	System Description	Unit Price \$	UoM	Qty	Life	Year Installed	Calc Next Renewal Year	Next Renewal Year	RSLI%	FCI%	RSL	eCR	Deficiency \$	Replacement Value \$
A1010	Standard Foundations	\$6.49	S.F.	20,121	100	1990	2090		75.00 %	0.00 %	75			\$130,585
A1020	Special Foundations	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
A1030	Slab on Grade	\$7.09	S.F.	20,121	100	1990	2090		75.00 %	0.00 %	75			\$142,658
A2010	Basement Excavation	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
A2020	Basement Walls	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B1010	Floor Construction	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B1020	Roof Construction	\$5.34	S.F.	20,121	100	1990	2090		75.00 %	0.00 %	75			\$107,446
B2010	Exterior Walls	\$16.02	S.F.	20,121	60	1990	2050		58.33 %	0.00 %	35			\$322,338
B2020	Exterior Windows	\$6.79	S.F.	20,121	30	1990	2020		16.67 %	0.00 %	5			\$136,622
B2030	Exterior Doors	\$0.92	S.F.	20,121	30	1990	2020		16.67 %	0.00 %	5			\$18,511
B3010	Roof Coverings - Asphalt Shingles	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B3010	Roof Coverings - BUR	\$20.70	S.F.	20,121	25	1990	2015		0.00 %	110.00 %	0		\$458,155.00	\$416,505
B3010	Roof Coverings - EPDM	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B3010	Roof Coverings - Preformed Metal	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B3010	Roof Coverings - Standing Seam Metal	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
B3020	Roof Openings	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C1010	Partitions	\$7.01	S.F.	20,121	100	1990	2090		75.00 %	0.00 %	75			\$141,048
C1020	Interior Doors	\$2.39	S.F.	20,121	30	1990	2020		16.67 %	0.00 %	5			\$48,089
C1030	Fittings	\$2.79	S.F.	20,121	20	1990	2010		0.00 %	110.00 %	-5		\$61,751.00	\$56,138
C3010	Wall Finishes - Ceramic & Glazed	\$10.27	S.F.	1,006	30	1990	2020		16.67 %	0.00 %	5			\$10,332
C3010	Wall Finishes - Paint	\$1.93	S.F.	19,115	10	2008	2018		30.00 %	0.00 %	3			\$36,892
C3010	Wall Finishes - Wall Coverings	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
C3020	Floor Finishes - Carpet	\$10.21	S.F.	1,356	8	1990	1998		0.00 %	110.00 %	-17		\$15,229.00	\$13,845
C3020	Floor Finishes - Ceramic & Quarry Tile	\$14.49	S.F.	200	50	1990	2040		50.00 %	0.00 %	25			\$2,898
C3020	Floor Finishes - Terrazzo	\$53.01	S.F.	6,061	50	1990	2040		50.00 %	0.00 %	25			\$321,294
C3020	Floor Finishes - VCT	\$9.54	S.F.	12,504	15	1990	2005		0.00 %	110.00 %	-10		\$131,217.00	\$119,288
C3020	Floor Finishes - Wood	\$0.00	S.F.		0				0.00 %	0.00 %				\$0
C3030	Ceiling Finishes	\$9.98	S.F.	20,121	20	2008	2028		65.00 %	0.00 %	13			\$200,808
D1010	Elevators and Lifts	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D2010	Plumbing Fixtures	\$17.66	S.F.	20,121	30	1990	2020		16.67 %	0.00 %	5			\$355,337
D2020	Domestic Water Distribution	\$3.99	S.F.	20,121	30	1990	2020		16.67 %	0.00 %	5			\$80,283
D2030	Sanitary Waste	\$3.41	S.F.	20,121	30	1990	2020		16.67 %	0.00 %	5			\$68,613
D2040	Rain Water Drainage	\$0.98	S.F.	20,121	30	1990	2020		16.67 %	0.00 %	5			\$19,719
D2090	Other Plumbing Systems - Natural Gas	\$0.41	S.F.	20,121	40	1990	2030		37.50 %	0.00 %	15			\$8,250

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System Code	System Description	Unit Price \$	UoM	Qty	Life	Year Installed	Calc Next Renewal Year	Next Renewal Year	RSLI%	FCI%	RSL	eCR	Deficiency \$	Replacement Value \$
D3020	Heat Generating Systems	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D3030	Cooling Generating Systems	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
D3040	Distribution & Exhaust Systems	\$5.51	S.F.	20,121	30	2008	2038		76.67 %	0.00 %	23			\$110,867
D3050	Terminal & Package Units	\$27.72	S.F.	20,121	15	2008	2023		53.33 %	0.00 %	8			\$557,754
D3060	Controls & Instrumentation	\$3.60	S.F.	20,121	20	2008	2028		65.00 %	0.00 %	13			\$72,436
D4010	Sprinklers	\$0.00	S.F.		0				0.00 %	0.00 %				\$0
D5010	Electrical Service/Distribution	\$1.81	S.F.	20,121	40	1990	2030		37.50 %	0.00 %	15			\$36,419
D5020	Branch Wiring	\$6.78	S.F.	20,121	30	1990	2020		16.67 %	0.00 %	5			\$136,420
D5020	Lighting	\$8.90	S.F.	20,121	30	1990	2020		16.67 %	0.00 %	5			\$179,077
D5030	Communications and Security - Clock & PA Systems	\$5.60	S.F.	20,121	15	1990	2005		0.00 %	110.00 %	-10		\$123,945.00	\$112,678
D5030	Communications and Security - Fire Alarm	\$1.23	S.F.	20,121	15	2008	2023		53.33 %	0.00 %	8			\$24,749
D5030	Communications and Security - Security & CCTV	\$0.61	S.F.	20,121	15	2008	2023		53.33 %	0.00 %	8			\$12,274
E1010	Commercial Equipment	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
E1020	Institutional Equipment	\$0.40	S.F.	20,121	20	1990	2010	2020	25.00 %	0.00 %	5			\$8,048
E1090	Other Equipment	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
E2010	Fixed Furnishings	\$5.37	S.F.	20,121	20	1990	2010	2020	25.00 %	0.00 %	5			\$108,050
F1010	Special Structures - Canopies	\$0.00	S.F.	0	0				0.00 %	0.00 %				\$0
Total									37.74 %	19.20 %			\$790,297.00	\$4,116,271

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Renewal Schedule

eComet forecasts future Capital Renewal projects for expiring systems based on the Calculated Next Renewal year found in the system listing. There is a 3% yearly inflation factor applied to the system costs expiring in the future. The table below reflects Capital Renewal projects over the next 10 years. Note: Blank cells (or \$0) indicate no systems are scheduled for renewal in that year.

Inflation Rate: 3%

System	Current Deficiencies	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
Total:	\$790,297	\$0	\$0	\$44,344	\$0	\$1,474,113	\$0	\$0	\$848,082	\$0	\$0	\$3,156,836
* A - Substructure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A10 - Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1010 - Standard Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1020 - Special Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1030 - Slab on Grade	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A20 - Basement Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A2010 - Basement Excavation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A2020 - Basement Walls	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B - Shell	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B10 - Superstructure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B1010 - Floor Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B1020 - Roof Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B20 - Exterior Enclosure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B2010 - Exterior Walls	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B2020 - Exterior Windows	\$0	\$0	\$0	\$0	\$0	\$174,220	\$0	\$0	\$0	\$0	\$0	\$174,220
B2030 - Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$23,605	\$0	\$0	\$0	\$0	\$0	\$23,605
B30 - Roofing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - Asphalt Shingles	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - BUR	\$458,155	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$458,155
B3010 - Roof Coverings - EPDM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - Preformed Metal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - Standing Seam Metal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3020 - Roof Openings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C - Interiors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C10 - Interior Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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C1010 - Partitions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C1020 - Interior Doors	\$0	\$0	\$0	\$0	\$0	\$44,598	\$0	\$0	\$0	\$0	\$0	\$44,598
C1030 - Fittings	\$61,751	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$61,751
C30 - Interior Finishes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3010 - Wall Finishes - Ceramic & Glazed	\$0	\$0	\$0	\$0	\$0	\$13,175	\$0	\$0	\$0	\$0	\$0	\$13,175
C3010 - Wall Finishes - Paint	\$0	\$0	\$0	\$44,344	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44,344
C3010 - Wall Finishes - Wall Coverings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3020 - Floor Finishes - Carpet	\$15,229	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,292	\$0	\$0	\$34,521
C3020 - Floor Finishes - Ceramic & Quarry Tile	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3020 - Floor Finishes - Terrazzo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3020 - Floor Finishes - VCT	\$131,217	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$131,217
C3020 - Floor Finishes - Wood	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3030 - Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D - Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D10 - Conveying	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D1010 - Elevators and Lifts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D20 - Plumbing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D2010 - Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$453,127	\$0	\$0	\$0	\$0	\$0	\$453,127
D2020 - Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$102,377	\$0	\$0	\$0	\$0	\$0	\$102,377
D2030 - Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$87,495	\$0	\$0	\$0	\$0	\$0	\$87,495
D2040 - Rain Water Drainage	\$0	\$0	\$0	\$0	\$0	\$25,145	\$0	\$0	\$0	\$0	\$0	\$25,145
D2090 - Other Plumbing Systems - Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D30 - HVAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3020 - Heat Generating Systems	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3030 - Cooling Generating Systems	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3040 - Distribution & Exhaust Systems	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3050 - Terminal & Package Units	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$777,201	\$0	\$0	\$777,201
D3060 - Controls & Instrumentation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D40 - Fire Protection	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D4010 - Sprinklers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D50 - Electrical	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D5010 - Electrical Service/Distribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

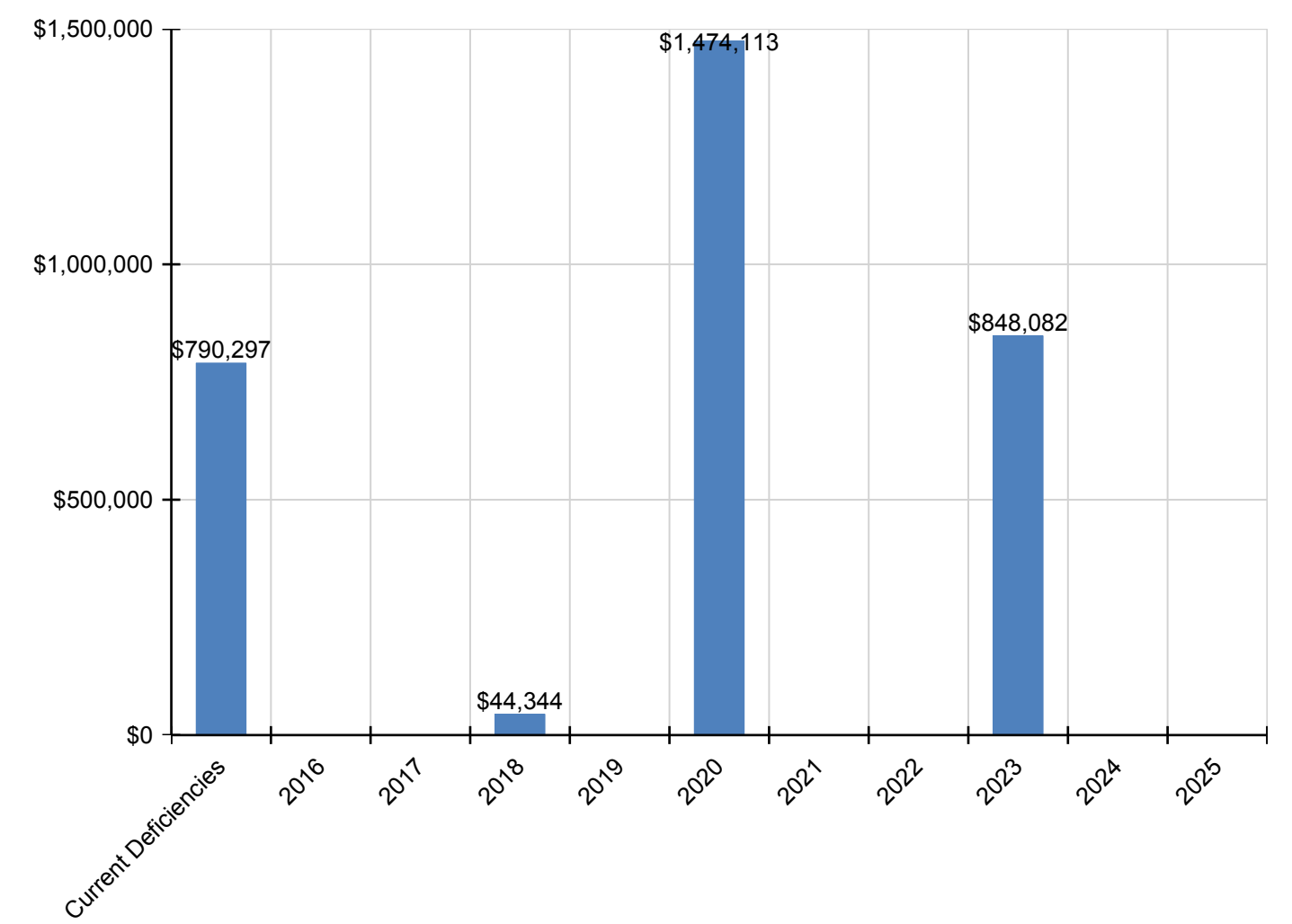
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D5020 - Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$173,963	\$0	\$0	\$0	\$0	\$0	\$173,963
D5020 - Lighting	\$0	\$0	\$0	\$0	\$0	\$228,360	\$0	\$0	\$0	\$0	\$0	\$228,360
D5030 - Communications and Security - Clock & PA Systems	\$123,945	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$123,945
D5030 - Communications and Security - Fire Alarm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,487	\$0	\$0	\$34,487
D5030 - Communications and Security - Security & CCTV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,103	\$0	\$0	\$17,103
E - Equipment & Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E10 - Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E1010 - Commercial Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E1020 - Institutional Equipment	\$0	\$0	\$0	\$0	\$0	\$10,263	\$0	\$0	\$0	\$0	\$0	\$10,263
E1090 - Other Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E20 - Furnishings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
E2010 - Fixed Furnishings	\$0	\$0	\$0	\$0	\$0	\$137,786	\$0	\$0	\$0	\$0	\$0	\$137,786
F - Special Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F10 - Special Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F1010 - Special Structures - Canopies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

* Indicates non-renewable system

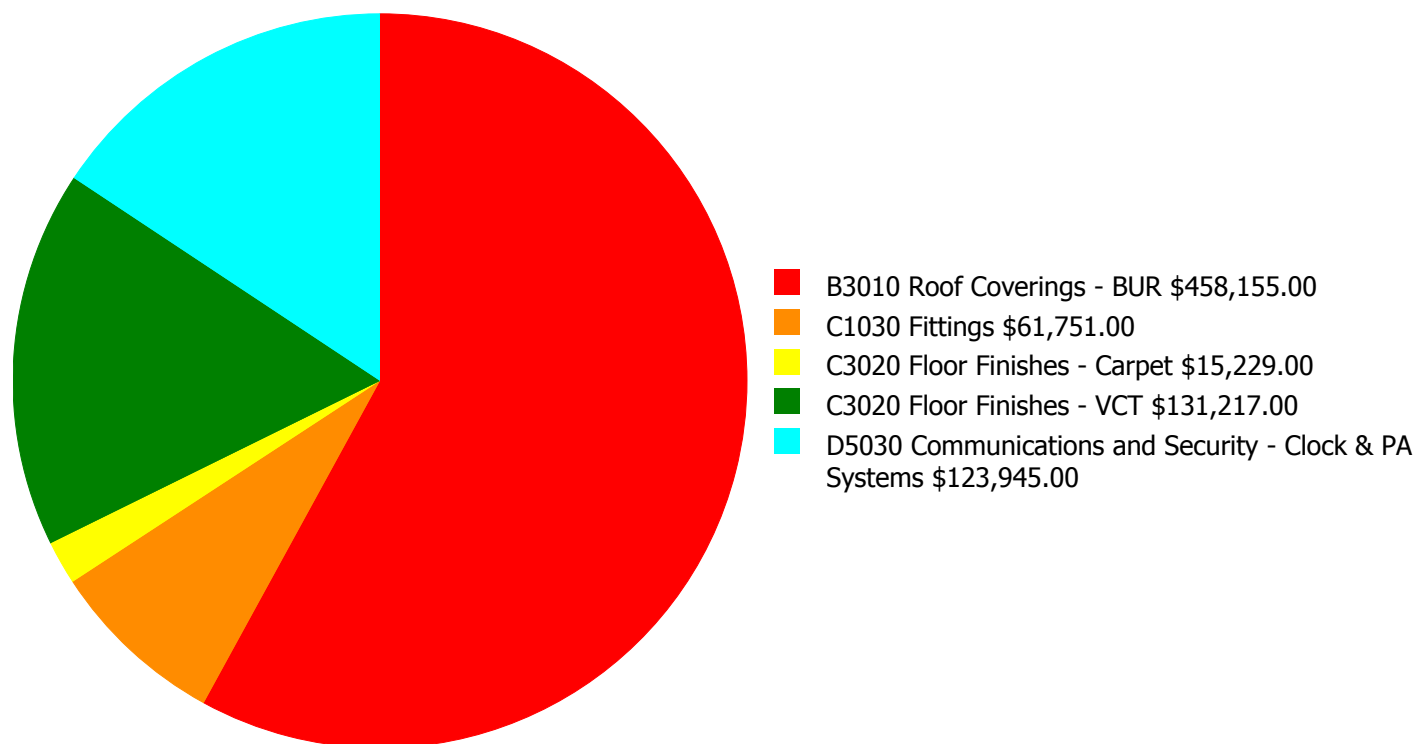
Forecasted Capital Renewal Requirement

The following chart shows the current building deficiencies and the forecasted capital renewal (system replacement) requirements over the next ten years.



Deficiency Summary by System

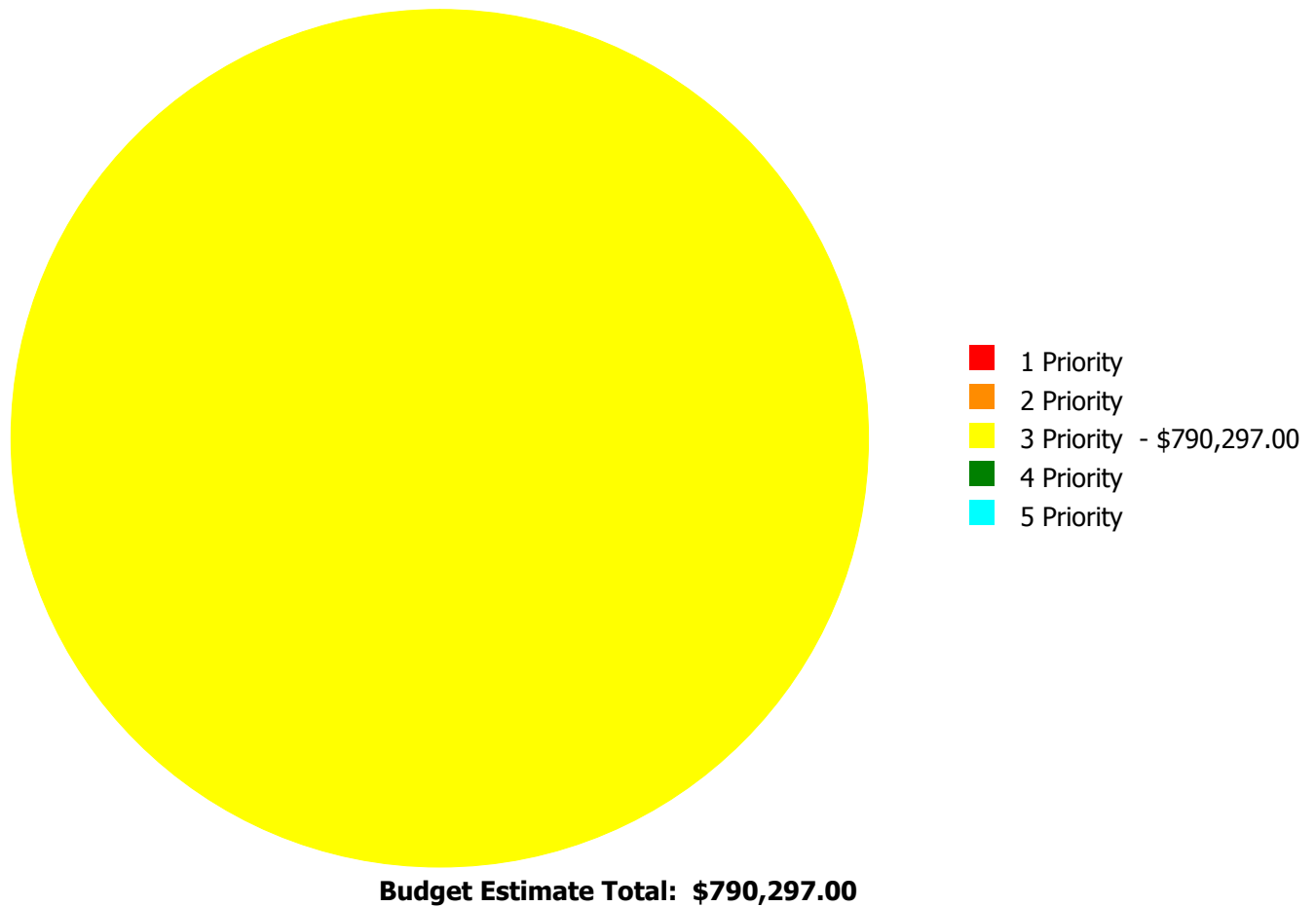
Current deficiencies include assemblies that have reached or exceed their design life or components of the assemblies that are in need of repair. Assemblies that have reached their design life are identified as current deficiencies and assigned the distress 'Beyond Service Life'. The following chart lists all current deficiencies associated with this facility broken down by UNIFORMAT system.



Budget Estimate Total: \$790,297.00

Deficiency Summary by Priority

The following chart shows the total repair costs broken down by priority. Assessors assigned deficiencies within eCOMET to one of the following priority categories:



Deficiency By Priority Investment Table

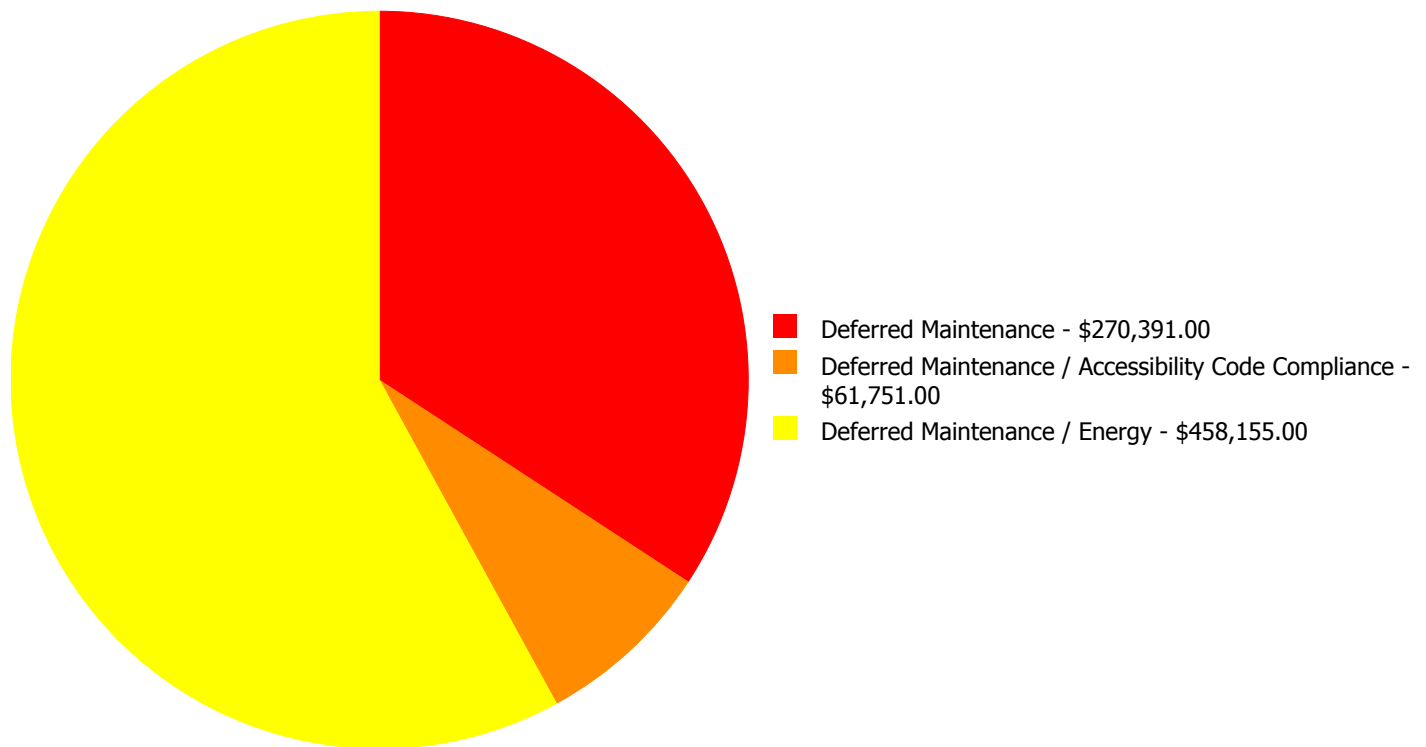
The table below shows the current investment cost grouped by deficiency priority and building system. Assessors assigned deficiencies within eCOMET to one of the following priority categories:

- **Priority 1** deficiencies require immediate review to correct a potential life/safety hazard, stop accelerated deterioration, or return a facility to operation.
- **Priority 2** deficiencies could become a Priority 1 deficiency, if not corrected within the next 2-3 years. These include intermittent operations, rapid deterioration, or potential life/safety hazards.
- **Priority 3** deficiencies require appropriate attention to preclude predictable deterioration or potential downtime and the associated damage or higher costs if deferred further and not completed within the next 3-5 years.
- **Priority 4** deficiencies represent a sensible improvement to existing conditions. The recommended improvements are not required for the basic functionality of the facility; however addressing these deficiencies will improve overall usability and/or reduce long term maintenance costs. Repairs for these deficiencies may be budgeted and scheduled for completion within the next 5-7 years.
- **Priority 5** deficiencies will include conditions that have no impact on the function or usability of the facility, such as appearance. No action is required for these deficiencies, but they are tracked since they may require future inspection or be completed as part of related repairs in contiguous areas of the facility.

System Code	System Description	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Total
B3010	Roof Coverings - BUR	\$0.00	\$0.00	\$458,155.00	\$0.00	\$0.00	\$458,155.00
C1030	Fittings	\$0.00	\$0.00	\$61,751.00	\$0.00	\$0.00	\$61,751.00
C3020	Floor Finishes - Carpet	\$0.00	\$0.00	\$15,229.00	\$0.00	\$0.00	\$15,229.00
C3020	Floor Finishes - VCT	\$0.00	\$0.00	\$131,217.00	\$0.00	\$0.00	\$131,217.00
D5030	Communications and Security - Clock & PA Systems	\$0.00	\$0.00	\$123,945.00	\$0.00	\$0.00	\$123,945.00
	Total:	\$0.00	\$0.00	\$790,297.00	\$0.00	\$0.00	\$790,297.00

Deficiency Summary by Category

The following chart shows the total repair costs broken down by deficiency categories. Assessors assigned deficiencies to one of the following categories:



Budget Estimate Total: \$790,297.00

Deficiency Details by Priority

The deficiency detail notes listed below provide additional information on identified deficiencies found within the facility.

Priority 3 Priority:

System: B3010 - Roof Coverings - BUR



Location: Roof

Distress: Beyond Service Life

Category: Deferred Maintenance / Energy

Priority: 3 Priority

Correction: Renew System

Qty: 20,121.00

Unit of Measure: S.F.

Estimate: \$458,155.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: Built-up roof covering is in deteriorating conditions with signs of standing water.

System: C1030 - Fittings



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance / Accessibility Code Compliance

Priority: 3 Priority

Correction: Renew System

Qty: 20,121.00

Unit of Measure: S.F.

Estimate: \$61,751.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: Fittings, such as toilet partitions, handrails and signage, are beyond their expected service life, not ADA compliant, and should be replaced.

System: C3020 - Floor Finishes - Carpet



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 1,356.00

Unit of Measure: S.F.

Estimate: \$15,229.00

Assessor Name: Ben Nixon

Date Created: 07/03/2015

Notes: The carpet is stained, torn, showing signs of failure, and should be replaced.

System: C3020 - Floor Finishes - VCT



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 12,504.00

Unit of Measure: S.F.

Estimate: \$131,217.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The VCT flooring is aged and worn, and should be replaced.

System: D5030 - Communications and Security - Clock & PA Systems



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 20,121.00

Unit of Measure: S.F.

Estimate: \$123,945.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: Clock and PA systems are beyond their expected service life, aged, and should be scheduled for replacement.

Executive Summary

Building condition is evaluated based on the functional systems and elements of a building and organized according to the UNIFORMAT II Elemental Classification. The grouping of these systems and elements and applying a current replacement value to them develops a representative building cost model. Cost Models are developed for similar building types and functions. Systems and their elements are evaluated based on their current replacement values, life cycles, installation dates and next renewal dates. Systems and their elements that are within their useful lives are further evaluated to identify current deficient conditions that may have a significant impact on a system's or element's remaining service life, and to determine if they are beyond their predicted expected life. The system's or element's current replacement value is based on RS Means Commercial Cost Data.

Following are the cost model's system details for this facility. The **Replacement Value** is the amount needed to replace the property of the same present scope. The **Repair Cost** (the sum of the cost to repair/replace the Deficiencies) represents the budgeted contractor-installed costs plus owner's soft costs for the repair, replacement or renewal for a component or system level deficiency. It excludes contributing costs for other components or systems that might also be associated with the corrective actions due to packaging of the work. **Facility Condition Index (FCI)** is an industry-standard measurement of facility condition calculated as the ratio of the costs to correct a facility's deficiencies (Condition Needs) to the facility's Current Replacement Value. It ranges from 0% (new) to 100% (very poor - beyond service life). The **Remaining Service Life Index (RSLI)** is calculated as the sum of a renewable system's **Remaining Service Life (RSL)** divided by the sum of a system's Replacement Value (both values exclude soft-cost to simplify calculation updates) expressed as a percentage ranging from 100% (new) to 0% (expired). The relationship between the key metrics FCI and RSLI is an important indicator, at either the facility, building, system, or component levels, of the condition trend and the imminent need for capital renewal. These indices exist in an inverse relationship wherein the FCI increases when systems reach their expected life-cycle age, whereas the RSLI decreases annually indicating the relative time remaining before reaching the life-cycle expiration age. For example, a facility or a system with a high RSLI and a low FCI indicates it is in the early portion of its useful life. However, a low RSLI indicates that expiration dates are approaching at which point the FCI would increase. The term **FCA Score** is the inverse of Total FCI and calculated as 100-Total FCI (without the %) where 100 is best and 0 is worst condition.

Function:	Elementary School
Gross Area (SF):	5,478
Year Built:	2000
Last Renovation:	
Replacement Value:	\$908,586
Repair Cost:	\$103,987.61
Total FCI:	11.44 %
Total RSLI:	58.18 %
FCA Score:	88.56



Description:

The 2000 gymnasium at Dunaire Elementary School is a one-story building located at 651 South Indian Creek Drive in Stone Mountain, Georgia. There have been no additions and no major renovations to this building. This report contains condition and adequacy data collected during the 2015 Facility Condition Assessment (FCA). Detailed condition and deficiency statements are contained in this report.

Attributes:

General Attributes:

Building Codes:	2020	Fire Sprinkler System:	No
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Condition Summary

The Table below shows the RSLI and FCI for each major building system shown at the UNIFORMAT classification Level II. Note that Systems with lower FCIs require less investment than systems with higher FCIs.

UNIFORMAT Classification	RSLI %	FCI %	Current Repair Cost
A10 - Foundations	85.00 %	0.00 %	\$0.00
B10 - Superstructure	85.00 %	0.00 %	\$0.00
B20 - Exterior Enclosure	72.70 %	0.00 %	\$0.00
B30 - Roofing	80.00 %	0.00 %	\$0.00
C10 - Interior Construction	67.62 %	0.41 %	\$455.61
C30 - Interior Finishes	28.99 %	9.88 %	\$9,890.00
D20 - Plumbing	50.24 %	0.00 %	\$0.00
D30 - HVAC	25.62 %	53.04 %	\$70,201.00
D50 - Electrical	38.53 %	27.41 %	\$23,441.00
Totals:	58.18 %	11.44 %	\$103,987.61

Photo Album

The photo album consists of the various cardinal directions of the building.

1). Northeast Elevation - Jul 01, 2015



2). Northwest Elevation - Jul 01, 2015



3). Southwest Elevation - Jul 01, 2015



4). Southeast Elevation - Jul 01, 2015



Condition Detail

This section of the report contains results of the Facility Condition Assessment. The building is separated into system components based on UNIFORMAT II. The columns in the System Listing table represent the following:

1. System Code: A code that identifies the system.
2. System Description: A brief description of a system present in the building.
3. Unit Price \$: The unit price of the system.
4. UoM: The unit of measure of the system.
5. Qty: The quantity for the system.
6. Life: Building Owners and Managers Association (BOMA) recommended system design life.
7. Year Installed: The date of system installation.
8. Calc Next Renewal Year: The date of system expiration based on the life, NR stands for non renewable.
9. Next Renewal Year: The suggested system expiration date by the assessor based on visual inspection.
10. RSLI: The Remaining Service Life Index of the system.
11. FCI: The Facility Condition Index of the system.
12. RSL: Remaining Service Life in years.
13. eCR: eCOMET Condition Rating (not used in this assessment).
14. Deficiency \$: The financial investment to repair/replace system to address deficiency.
15. Replacement Value \$: The replacement cost of the system.

System Listing

The System Listing table below lists each of the systems organized by their UNIFORMAT II classification. The assessment team was tasked with recording the most recent replacement year of each system, determining the remaining service life based on the theoretical life, and evaluating the condition to confirm the forecast next replacement year. The system listing is the basis for all data contained in the Building Assessment Report.

System Code	System Description	Unit Price \$	UoM	Qty	Life	Year Installed	Calc Next Renewal Year	Next Renewal Year	RSLI%	FCI%	RSL	eCR	Deficiency \$	Replacement Value \$
A1010	Standard Foundations	\$9.34	S.F.	5,478	100	2000	2100		85.00 %	0.00 %	85			\$51,165
A1030	Slab on Grade	\$6.21	S.F.	5,478	100	2000	2100		85.00 %	0.00 %	85			\$34,018
B1020	Roof Construction	\$21.36	S.F.	5,478	100	2000	2100		85.00 %	0.00 %	85			\$117,010
B2010	Exterior Walls	\$19.80	S.F.	5,478	60	2000	2060		75.00 %	0.00 %	45			\$108,464
B2030	Exterior Doors	\$2.01	S.F.	5,478	30	2000	2030		50.00 %	0.00 %	15			\$11,011
B3010	Roof Coverings - Standing Seam Metal	\$11.91	S.F.	5,478	75	2000	2075		80.00 %	0.00 %	60			\$65,243
C1010	Partitions	\$12.78	S.F.	5,478	100	2000	2100		85.00 %	0.00 %	85			\$70,009
C1020	Interior Doors	\$4.24	S.F.	5,478	30	2000	2030		50.00 %	0.00 %	15			\$23,227
C1030	Fittings	\$3.46	S.F.	5,478	20	2000	2020		25.00 %	2.40 %	5		\$455.61	\$18,954
C3010	Wall Finishes - Ceramic	\$6.65	S.F.	0	0				0.00 %	0.00 %				\$0
C3010	Wall Finishes - Paint	\$1.41	S.F.	5,478	10	2000	2010		0.00 %	109.99 %	-5		\$8,496.00	\$7,724
C3020	Floor Finishes - Ceramic Tile	\$6.67	S.F.	253	50	2000	2050		70.00 %	0.00 %	35			\$1,688
C3020	Floor Finishes - Neoprene	\$14.46	S.F.	4,554	15	2000	2015	2020	33.33 %	0.00 %	5			\$65,851
C3020	Floor Finishes - VCT	\$5.01	S.F.	253	15	2000	2015		0.00 %	109.94 %	0		\$1,394.00	\$1,268
C3030	Ceiling Finishes	\$4.31	S.F.	5,478	20	2000	2020		25.00 %	0.00 %	5			\$23,610
D2010	Plumbing Fixtures	\$9.66	S.F.	5,478	30	2000	2030		50.00 %	0.00 %	15			\$52,917
D2020	Domestic Water Distribution	\$5.85	S.F.	5,478	30	2000	2030		50.00 %	0.00 %	15			\$32,046
D2030	Sanitary Waste	\$0.87	S.F.	5,478	30	2000	2030		50.00 %	0.00 %	15			\$4,766
D2040	Rain Water Drainage	\$0.22	S.F.	0	0				0.00 %	0.00 %				\$0
D2090	Other Plumbing Systems - Natural Gas	\$0.32	S.F.	5,478	40	2000	2040		62.50 %	0.00 %	25			\$1,753
D3040	Distribution Systems & Exhaust Systems	\$12.25	S.F.	5,478	30	2000	2030		50.00 %	0.00 %	15			\$67,106
D3050	Terminal & Package Units	\$11.65	S.F.	5,478	15	2000	2015		0.00 %	110.00 %	0		\$70,201.00	\$63,819
D3060	Controls & Instrumentation	\$0.26	S.F.	5,478	20	2000	2020		25.00 %	0.00 %	5			\$1,424
D5010	Electrical Service/Distribution	\$1.24	S.F.	5,478	40	2000	2040		62.50 %	0.00 %	25			\$6,793
D5020	Branch Wiring	\$5.24	S.F.	5,478	30	2000	2030		50.00 %	0.00 %	15			\$28,705
D5020	Lighting	\$5.24	S.F.	5,478	30	2000	2030		50.00 %	0.00 %	15			\$28,705
D5030	Communications and Security - Fire Alarm	\$2.13	S.F.	5,478	15	2000	2015		0.00 %	110.00 %	0		\$12,835.00	\$11,668
D5030	Communications and Security - Public Address & Clock System	\$0.88	S.F.	5,478	15	2000	2015		0.00 %	110.00 %	0		\$5,303.00	\$4,821
D5030	Communications and Security - Security & CCTV	\$0.88	S.F.	5,478	15	2000	2015		0.00 %	110.00 %	0		\$5,303.00	\$4,821
Total									58.18 %	11.44 %			\$103,987.61	\$908,586

Renewal Schedule

eComet forecasts future Capital Renewal projects for expiring systems based on the Calculated Next Renewal year found in the system listing. There is a 3% yearly inflation factor applied to the system costs expiring in the future. The table below reflects Capital Renewal projects over the next 10 years. Note: Blank cells (or \$0) indicate no systems are scheduled for renewal in that year.

Inflation Rate: 3%

System	Current Deficiencies	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
Total:	\$103,988	\$0	\$0	\$0	\$0	\$140,067	\$0	\$0	\$0	\$0	\$11,418	\$255,472
* A - Substructure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A10 - Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1010 - Standard Foundations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* A1030 - Slab on Grade	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B - Shell	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B10 - Superstructure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B1020 - Roof Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B20 - Exterior Enclosure	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
* B2010 - Exterior Walls	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B2030 - Exterior Doors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B30 - Roofing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B3010 - Roof Coverings - Standing Seam Metal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C - Interiors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C10 - Interior Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C1010 - Partitions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C1020 - Interior Doors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C1030 - Fittings	\$456	\$0	\$0	\$0	\$0	\$24,170	\$0	\$0	\$0	\$0	\$0	\$24,625
C30 - Interior Finishes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3010 - Wall Finishes - Ceramic	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3010 - Wall Finishes - Paint	\$8,496	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,418	\$19,914
C3020 - Floor Finishes - Ceramic Tile	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C3020 - Floor Finishes - Neoprene	\$0	\$0	\$0	\$0	\$0	\$83,973	\$0	\$0	\$0	\$0	\$0	\$83,973
C3020 - Floor Finishes - VCT	\$1,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,394
C3030 - Ceiling Finishes	\$0	\$0	\$0	\$0	\$0	\$30,108	\$0	\$0	\$0	\$0	\$0	\$30,108
D - Services	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

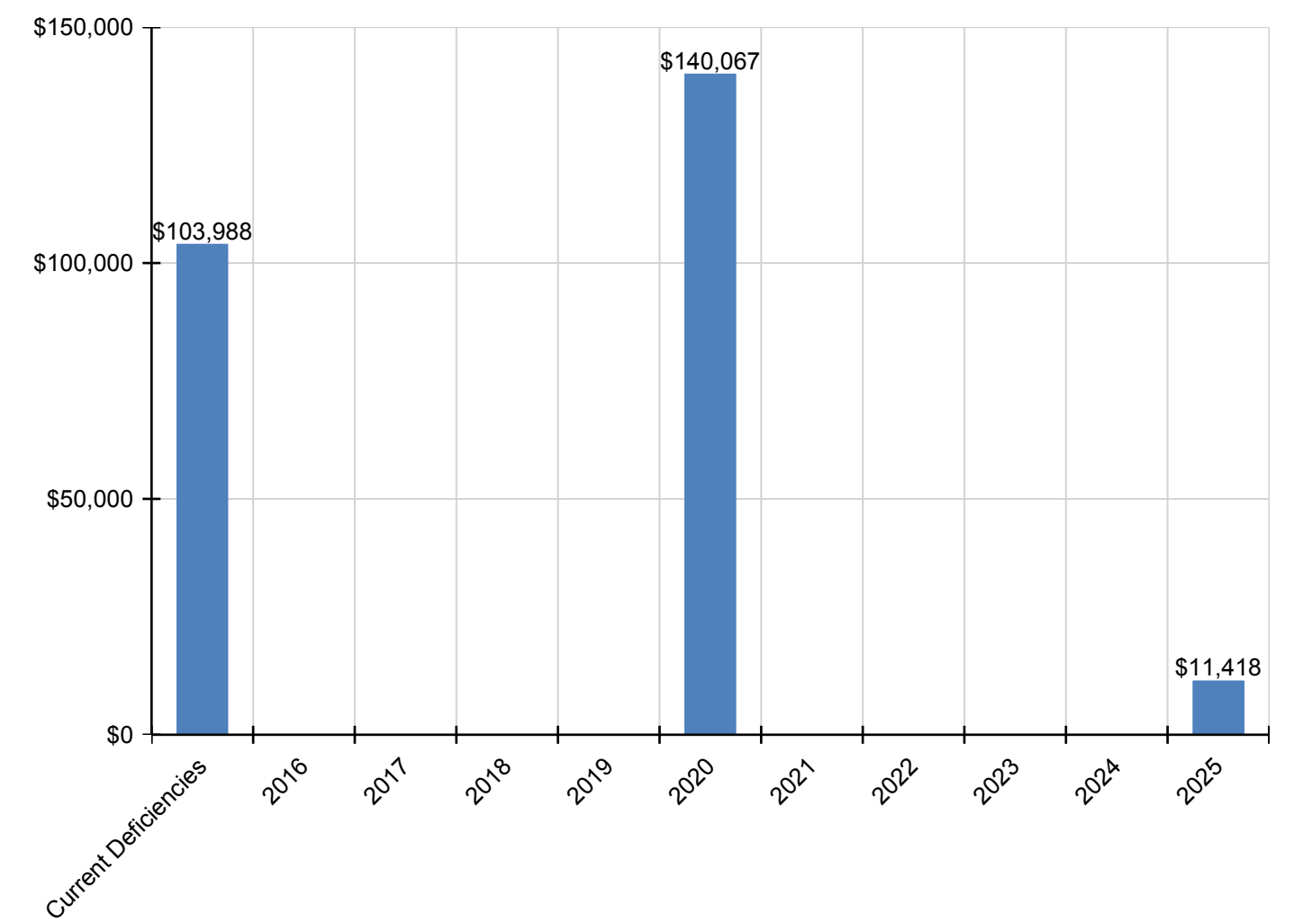
School Assessment Report - 2000 Gym

D20 - Plumbing	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D2010 - Plumbing Fixtures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D2020 - Domestic Water Distribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D2030 - Sanitary Waste	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D2040 - Rain Water Drainage	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D2090 - Other Plumbing Systems - Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D30 - HVAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3040 - Distribution Systems & Exhaust Systems	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D3050 - Terminal & Package Units	\$70,201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,201
D3060 - Controls & Instrumentation	\$0	\$0	\$0	\$0	\$0	\$1,817	\$0	\$0	\$0	\$0	\$0	\$1,817
D50 - Electrical	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D5010 - Electrical Service/Distribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D5020 - Branch Wiring	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D5020 - Lighting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D5030 - Communications and Security - Fire Alarm	\$12,835	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,835
D5030 - Communications and Security - Public Address & Clock System	\$5,303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,303
D5030 - Communications and Security - Security & CCTV	\$5,303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,303

* Indicates non-renewable system

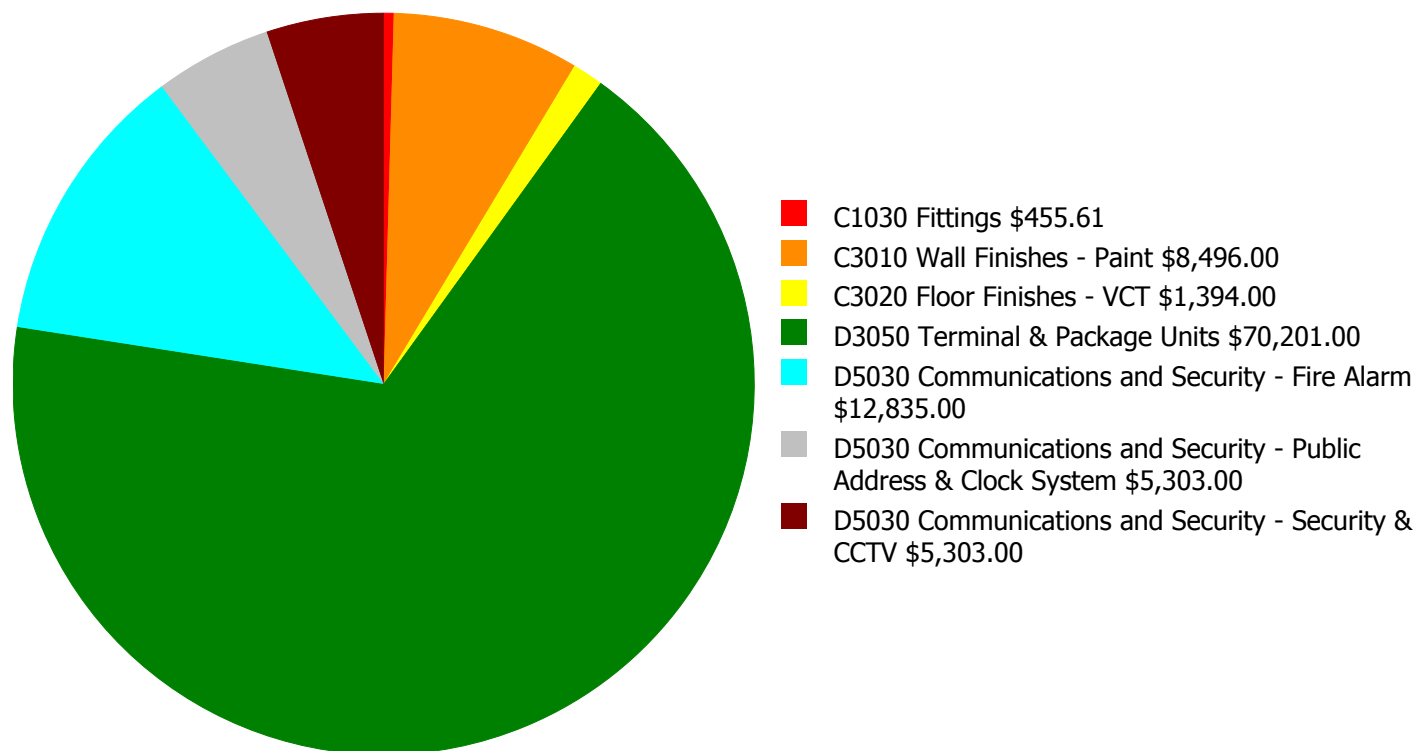
Forecasted Capital Renewal Requirement

The following chart shows the current building deficiencies and the forecasted capital renewal (system replacement) requirements over the next ten years.



Deficiency Summary by System

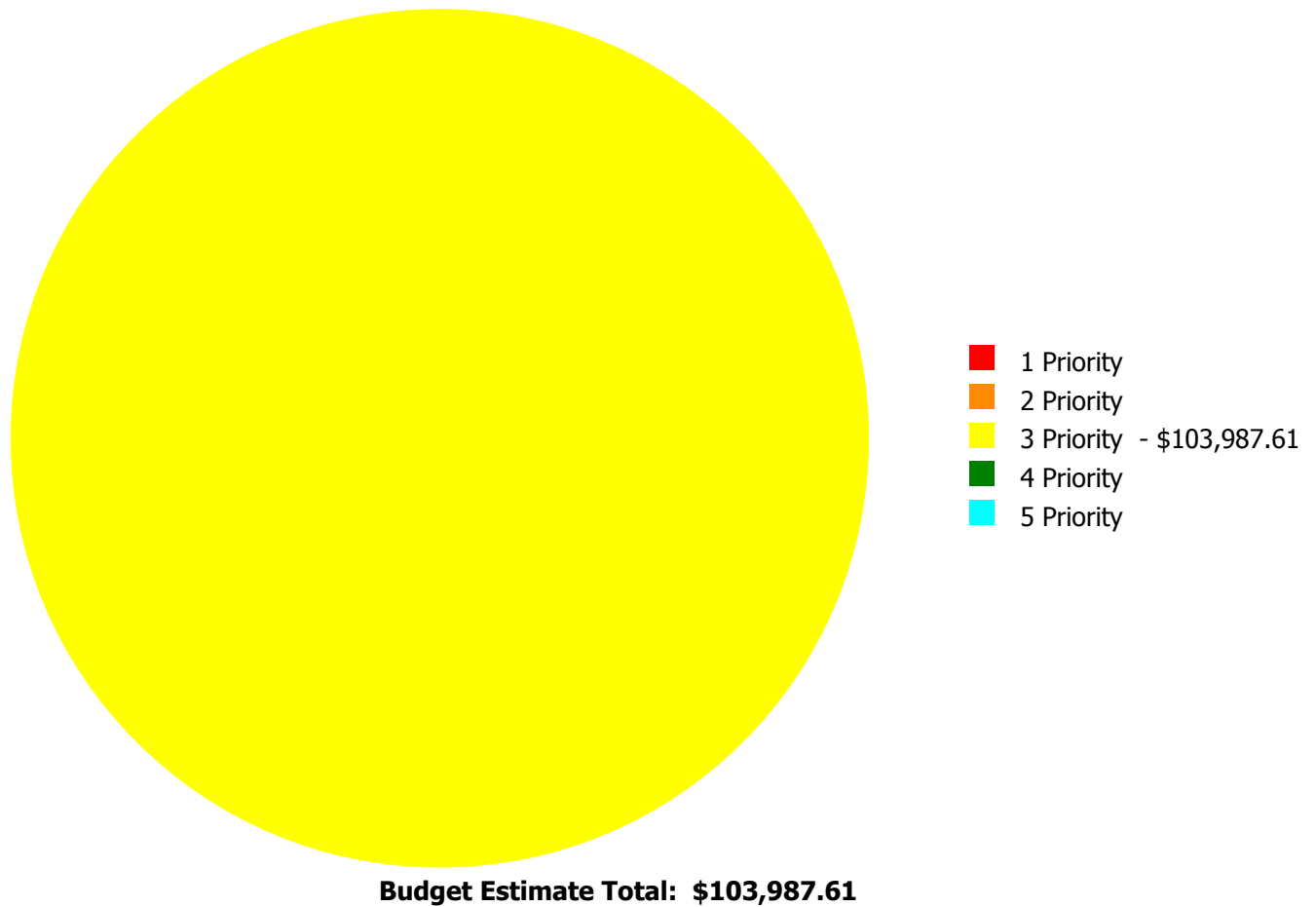
Current deficiencies include assemblies that have reached or exceed their design life or components of the assemblies that are in need of repair. Assemblies that have reached their design life are identified as current deficiencies and assigned the distress 'Beyond Service Life'. The following chart lists all current deficiencies associated with this facility broken down by UNIFORMAT system.



Budget Estimate Total: \$103,987.61

Deficiency Summary by Priority

The following chart shows the total repair costs broken down by priority. Assessors assigned deficiencies within eCOMET to one of the following priority categories:



Deficiency By Priority Investment Table

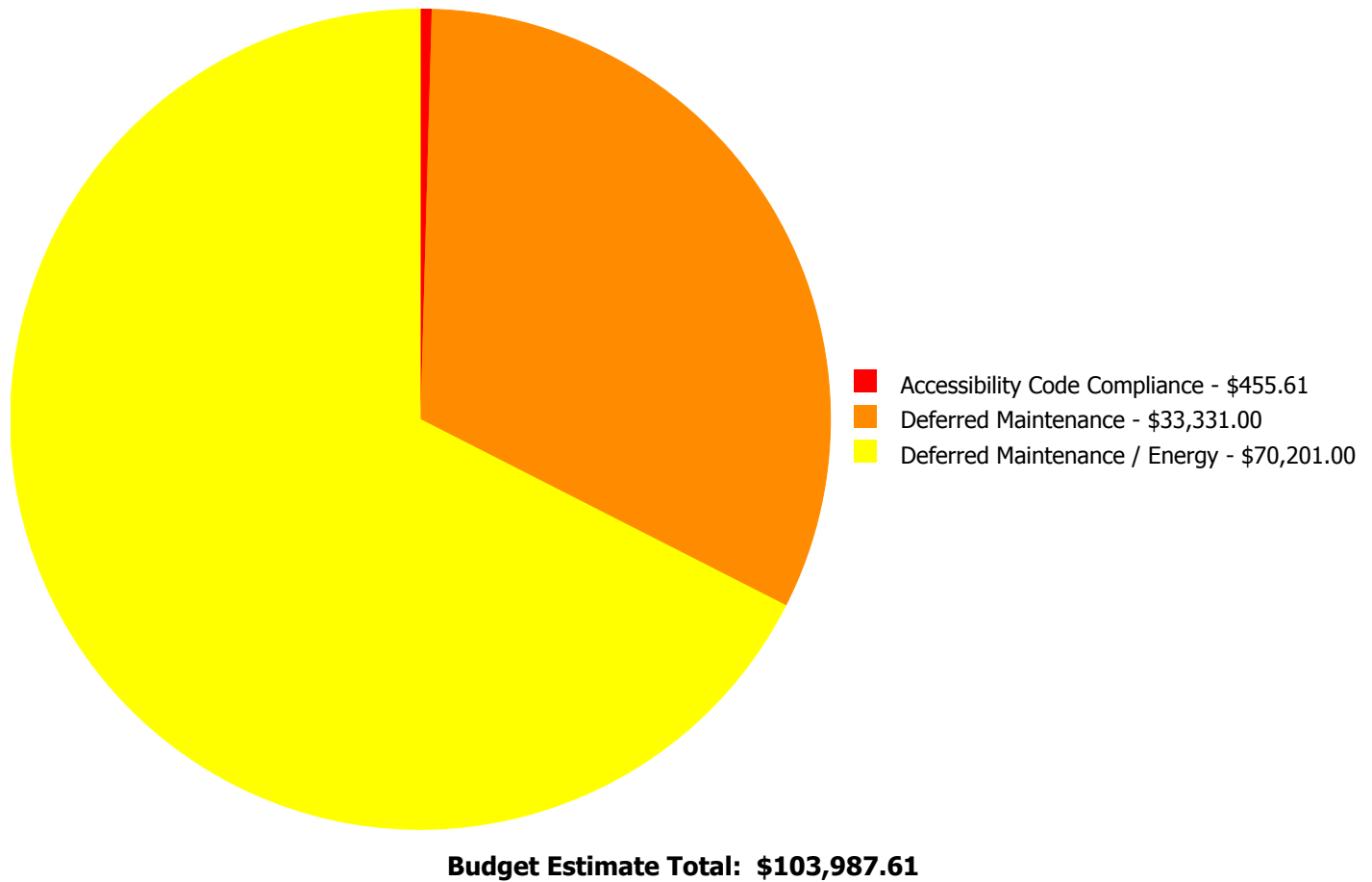
The table below shows the current investment cost grouped by deficiency priority and building system. Assessors assigned deficiencies within eCOMET to one of the following priority categories:

- **Priority 1** deficiencies require immediate review to correct a potential life/safety hazard, stop accelerated deterioration, or return a facility to operation.
- **Priority 2** deficiencies could become a Priority 1 deficiency, if not corrected within the next 2-3 years. These include intermittent operations, rapid deterioration, or potential life/safety hazards. .
- **Priority 3** deficiencies require appropriate attention to preclude predictable deterioration or potential downtime and the associated damage or higher costs if deferred further and not completed within the next 3-5 years.
- **Priority 4** deficiencies represent a sensible improvement to existing conditions. The recommended improvements are not required for the basic functionality of the facility; however addressing these deficiencies will improve overall usability and/or reduce long term maintenance costs. Repairs for these deficiencies may be budgeted and scheduled for completion within the next 5-7 years.
- **Priority 5** deficiencies will include conditions that have no impact on the function or usability of the facility, such as appearance. No action is required for these deficiencies, but they are tracked since they may require future inspection or be completed as part of related repairs in contiguous areas of the facility.

System Code	System Description	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Total
C1030	Fittings	\$0.00	\$0.00	\$455.61	\$0.00	\$0.00	\$455.61
C3010	Wall Finishes - Paint	\$0.00	\$0.00	\$8,496.00	\$0.00	\$0.00	\$8,496.00
C3020	Floor Finishes - VCT	\$0.00	\$0.00	\$1,394.00	\$0.00	\$0.00	\$1,394.00
D3050	Terminal & Package Units	\$0.00	\$0.00	\$70,201.00	\$0.00	\$0.00	\$70,201.00
D5030	Communications and Security - Fire Alarm	\$0.00	\$0.00	\$12,835.00	\$0.00	\$0.00	\$12,835.00
D5030	Communications and Security - Public Address & Clock System	\$0.00	\$0.00	\$5,303.00	\$0.00	\$0.00	\$5,303.00
D5030	Communications and Security - Security & CCTV	\$0.00	\$0.00	\$5,303.00	\$0.00	\$0.00	\$5,303.00
Total:		\$0.00	\$0.00	\$103,987.61	\$0.00	\$0.00	\$103,987.61

Deficiency Summary by Category

The following chart shows the total repair costs broken down by deficiency categories. Assessors assigned deficiencies to one of the following categories:



Deficiency Details by Priority

The deficiency detail notes listed below provide additional information on identified deficiencies found within the facility.

Priority 3 Priority:

System: C1030 - Fittings



Location: Throughout Building

Distress: Missing

Category: Accessibility Code Compliance

Priority: 3 Priority

Correction: Remove and replace the signage w/ADA compliant signage.

Qty: 5.00

Unit of Measure: S.F.

Estimate: \$455.61

Assessor Name: Sam Mandola

Date Created: 07/04/2015

Notes: Room signage per ADA standards is missing and should be provided.

System: C3010 - Wall Finishes - Paint



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 5,478.00

Unit of Measure: S.F.

Estimate: \$8,496.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The painted wall finishes are beyond their expected service life, scuffed, faded and stained, and should be replaced.

System: C3020 - Floor Finishes - VCT



Location: Entrance Area and Offices

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 253.00

Unit of Measure: S.F.

Estimate: \$1,394.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The VCT flooring is aged and worn, and should be replaced.

System: D3050 - Terminal & Package Units



Location: Throughout Building

Distress: Inadequate

Category: Deferred Maintenance / Energy

Priority: 3 Priority

Correction: Renew System

Qty: 5,478.00

Unit of Measure: S.F.

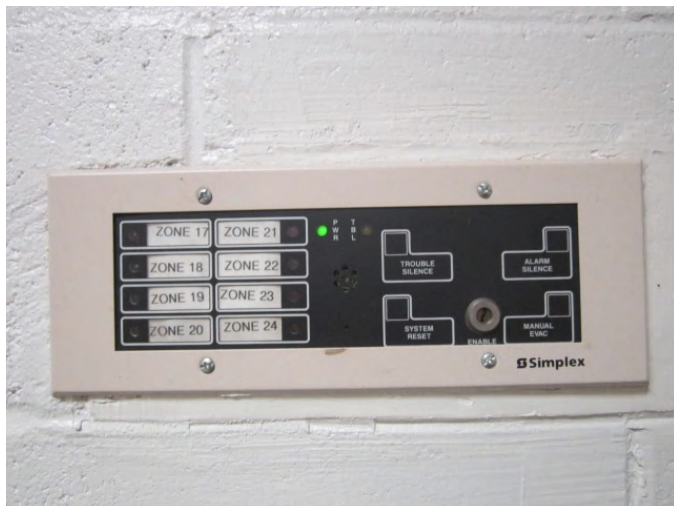
Estimate: \$70,201.00

Assessor Name: Sam Mandola

Date Created: 04/11/2015

Notes: One PTAC AC unit is located in the office area of the gym. It is beyond its expected service life. The main gym area does not have air conditioning and it should be provided. SPLOST project 107-422 to install new 20-ton HVAC package system for the gymnasium.

System: D5030 - Communications and Security - Fire Alarm



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 5,478.00

Unit of Measure: S.F.

Estimate: \$12,835.00

Assessor Name: Ben Nixon

Date Created: 04/11/2015

Notes: The fire alarm system is beyond its expected service life and should be scheduled for replacement.

System: D5030 - Communications and Security - Public Address & Clock System



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 5,478.00

Unit of Measure: S.F.

Estimate: \$5,303.00

Assessor Name: Ben Nixon

Date Created: 06/23/2015

Notes: The public address and clock system is beyond its expected service life, aged, and should be scheduled for replacement.

System: D5030 - Communications and Security - Security & CCTV



Location: Throughout Building

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 5,478.00

Unit of Measure: S.F.

Estimate: \$5,303.00

Assessor Name: Ben Nixon

Date Created: 06/28/2015

Notes: The security and CCTV systems are beyond their expected service life, aged, and should be scheduled for replacement.

Executive Summary

Building condition is evaluated based on the functional systems and elements of a building and organized according to the UNIFORMAT II Elemental Classification. The grouping of these systems and elements and applying a current replacement value to them develops a representative building cost model. Cost Models are developed for similar building types and functions. Systems and their elements are evaluated based on their current replacement values, life cycles, installation dates and next renewal dates. Systems and their elements that are within their useful lives are further evaluated to identify current deficient conditions that may have a significant impact on a system's or element's remaining service life, and to determine if they are beyond their predicted expected life. The system's or element's current replacement value is based on RS Means Commercial Cost Data.

Following are the cost model's system details for this facility. The **Replacement Value** is the amount needed to replace the property of the same present scope. The **Repair Cost** (the sum of the cost to repair/replace the Deficiencies) represents the budgeted contractor-installed costs plus owner's soft costs for the repair, replacement or renewal for a component or system level deficiency. It excludes contributing costs for other components or systems that might also be associated with the corrective actions due to packaging of the work. **Facility Condition Index (FCI)** is an industry-standard measurement of facility condition calculated as the ratio of the costs to correct a facility's deficiencies (Condition Needs) to the facility's Current Replacement Value. It ranges from 0% (new) to 100% (very poor - beyond service life). The **Remaining Service Life Index (RSLI)** is calculated as the sum of a renewable system's **Remaining Service Life (RSL)** divided by the sum of a system's Replacement Value (both values exclude soft-cost to simplify calculation updates) expressed as a percentage ranging from 100% (new) to 0% (expired). The relationship between the key metrics FCI and RSLI is an important indicator, at either the facility, building, system, or component levels, of the condition trend and the imminent need for capital renewal. These indices exist in an inverse relationship wherein the FCI increases when systems reach their expected life-cycle age, whereas the RSLI decreases annually indicating the relative time remaining before reaching the life-cycle expiration age. For example, a facility or a system with a high RSLI and a low FCI indicates it is in the early portion of its useful life. However, a low RSLI indicates that expiration dates are approaching at which point the FCI would increase. The term **FCA Score** is the inverse of Total FCI and calculated as $100 - \text{Total FCI}$ (without the %) where 100 is best and 0 is worst condition.

Function:	Elementary School
Gross Area (SF):	67,526
Year Built:	1967
Last Renovation:	
Replacement Value:	\$1,850,362
Repair Cost:	\$847,819.28
Total FCI:	45.82 %
Total RSLI:	8.87 %
FCA Score:	54.18



Description:

The Dunaire Elementary School site was originally constructed in 1967, has a total area of 17.2 acres, and is occupied by approximately 67,526 square feet of permanent building space. Campus site features include paved driveways and parking lots, pedestrian pavement, flag pole, landscaping, and fencing. Site mechanical and electrical features include water, sewer, natural gas, and site lighting. This report contains condition and adequacy data collected during the 2015 Facility Condition Assessment (FCA). Detailed condition and deficiency statements are contained in this report for the site features.

Attributes:

General Attributes:

Site Code: 1195

Condition Summary

The Table below shows the RSLI and FCI for each major building system shown at the UNIFORMAT classification Level II. Note that Systems with lower FCIs require less investment than systems with higher FCIs.

UNIFORMAT Classification	RSLI %	FCI %	Current Repair Cost
G20 - Site Improvements	12.76 %	59.07 %	\$654,694.92
G30 - Site Mechanical Utilities	3.57 %	11.74 %	\$57,937.31
G40 - Site Electrical Utilities	2.02 %	54.40 %	\$135,187.05
Totals:	8.87 %	45.82 %	\$847,819.28

Photo Album

The photo album consists of the various cardinal directions of the building.

1). Covered Walkways - Jun 30, 2015



2). Generator - Jun 30, 2015



3). Hard Surface Area - Jun 30, 2015



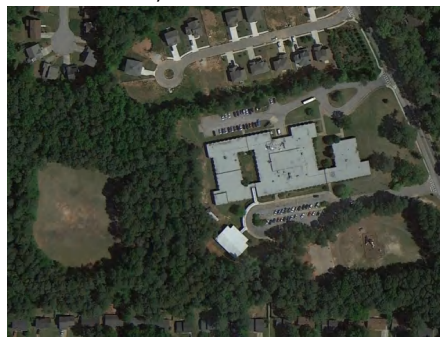
4). Playground - Jun 30, 2015



5). Playing Field - Jun 30, 2015



6). Aerial Image of Dunaire Elementary School - Oct 20, 2015



Condition Detail

This section of the report contains results of the Facility Condition Assessment. The building is separated into system components based on UNIFORMAT II. The columns in the System Listing table represent the following:

1. System Code: A code that identifies the system.
2. System Description: A brief description of a system present in the building.
3. Unit Price \$: The unit price of the system.
4. UoM: The unit of measure of the system.
5. Qty: The quantity for the system.
6. Life: Building Owners and Managers Association (BOMA) recommended system design life.
7. Year Installed: The date of system installation.
8. Calc Next Renewal Year: The date of system expiration based on the life, NR stands for non renewable.
9. Next Renewal Year: The suggested system expiration date by the assessor based on visual inspection.
10. RSLI: The Remaining Service Life Index of the system.
11. FCI: The Facility Condition Index of the system.
12. RSL: Remaining Service Life in years.
13. eCR: eCOMET Condition Rating (not used in this assessment).
14. Deficiency \$: The financial investment to repair/replace system to address deficiency.
15. Replacement Value \$: The replacement cost of the system.

System Listing

The System Listing table below lists each of the systems organized by their UNIFORMAT II classification. The assessment team was tasked with recording the most recent replacement year of each system, determining the remaining service life based on the theoretical life, and evaluating the condition to confirm the forecast next replacement year. The system listing is the basis for all data contained in the Building Assessment Report.

System Code	System Description	Unit Price \$	UoM	Qty	Life	Year Installed	Calc Next Renewal Year	Next Renewal Year	RSLI%	FCI%	RSL	eCR	Deficiency \$	Replacement Value \$
G2010	Roadways	\$5.17	S.F.	42,391	25	1967	1992		0.00 %	110.00 %	-23		\$241,077.62	\$219,161
G2020	Parking Lots	\$4.56	S.F.	14,295	25	1967	1992		0.00 %	110.00 %	-23		\$71,703.72	\$65,185
G2030	Pedestrian Paving	\$1.50	S.F.	67,526	30	1967	1997		0.00 %	110.00 %	-18		\$111,417.90	\$101,289
G2040	Baseball Field	\$8.35	S.F.		0				0.00 %	0.00 %				\$0
G2040	Canopies	\$0.29	S.F.		0				0.00 %	0.00 %				\$0
G2040	Covered Walkways	\$48.72	S.F.	1,800	25	2000	2025		40.00 %	0.00 %	10			\$87,696
G2040	Fencing & Guardrails	\$0.91	S.F.	67,526	30	1967	1997		0.00 %	110.00 %	-18		\$67,593.53	\$61,449
G2040	Football Field	\$5.85	S.F.		0				0.00 %	0.00 %				\$0
G2040	Hard Surface Play Area	\$6.26	S.F.	8,016	20	1967	1987		0.00 %	110.00 %	-28		\$55,198.18	\$50,180
G2040	Playing Field	\$3.92	S.F.	108,515	20	2000	2020		25.00 %	0.00 %	5			\$425,379
G2040	Soccer/Lacross Field	\$5.00	S.F.		0				0.00 %	0.00 %				\$0
G2040	Softball Field	\$8.86	S.F.		0				0.00 %	0.00 %				\$0
G2040	Tennis Courts	\$18.47	S.F.		0				0.00 %	0.00 %				\$0
G2040	Track	\$7.04	S.F.		0				0.00 %	0.00 %				\$0
G2050	Landscaping	\$1.45	S.F.	67,526	15	1967	1982		0.00 %	110.00 %	-33		\$107,703.97	\$97,913
G3010	Water Supply	\$1.83	S.F.	67,526	50	1967	2017		4.00 %	0.00 %	2			\$123,573
G3020	Sanitary Sewer	\$1.15	S.F.	67,526	50	1967	2017		4.00 %	0.00 %	2			\$77,655
G3030	Storm Sewer	\$3.55	S.F.	67,526	50	1967	2017		4.00 %	0.00 %	2			\$239,717
G3060	Fuel Distribution	\$0.78	S.F.	67,526	40	1967	2007		0.00 %	110.00 %	-8		\$57,937.31	\$52,670
G4010	Electrical Distribution	\$1.86	S.F.	67,526	50	1967	2017		4.00 %	0.00 %	2			\$125,598
G4020	Site Lighting	\$1.15	S.F.	67,526	30	1967	1997		0.00 %	110.00 %	-18		\$85,420.39	\$77,655
G4030	Site Communications & Security	\$0.67	S.F.	67,526	10	1990	2000		0.00 %	110.00 %	-15		\$49,766.66	\$45,242
Total									8.87 %	45.82 %			\$847,819.28	\$1,850,362

Renewal Schedule

eComet forecasts future Capital Renewal projects for expiring systems based on the Calculated Next Renewal year found in the system listing. There is a 3% yearly inflation factor applied to the system costs expiring in the future. The table below reflects Capital Renewal projects over the next 10 years. Note: Blank cells (or \$0) indicate no systems are scheduled for renewal in that year.

School Assessment Report - Site

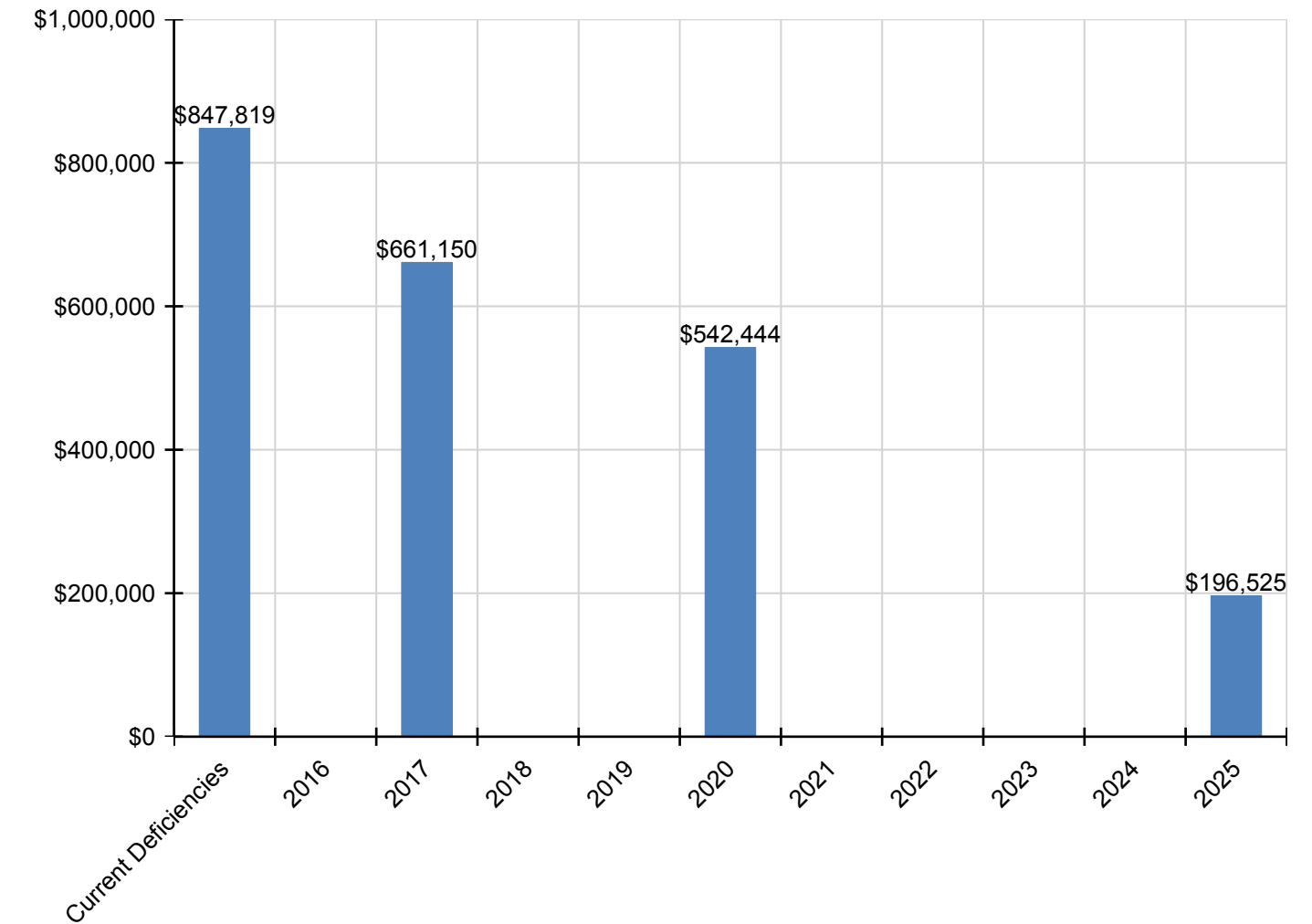
Inflation Rate: 3%

System	Current Deficiencies	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
Total:	\$847,819	\$0	\$661,150	\$0	\$0	\$542,444	\$0	\$0	\$0	\$0	\$196,525	\$2,247,938
G - Building Sitework	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G20 - Site Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G2010 - Roadways	\$241,078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$241,078
G2020 - Parking Lots	\$71,704	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$71,704
G2030 - Pedestrian Paving	\$111,418	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$111,418
G2040 - Baseball Field	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G2040 - Canopies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G2040 - Covered Walkways	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$129,642	\$129,642
G2040 - Fencing & Guardrails	\$67,594	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,594
G2040 - Football Field	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G2040 - Hard Surface Play Area	\$55,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55,198
G2040 - Playing Field	\$0	\$0	\$0	\$0	\$0	\$542,444	\$0	\$0	\$0	\$0	\$0	\$542,444
G2040 - Soccer/Lacross Field	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G2040 - Softball Field	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G2040 - Tennis Courts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G2040 - Track	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G2050 - Landscaping	\$107,704	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$107,704
G30 - Site Mechanical Utilities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G3010 - Water Supply	\$0	\$0	\$144,208	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$144,208
G3020 - Sanitary Sewer	\$0	\$0	\$90,622	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90,622
G3030 - Storm Sewer	\$0	\$0	\$279,748	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$279,748
G3060 - Fuel Distribution	\$57,937	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57,937
G40 - Site Electrical Utilities	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G4010 - Electrical Distribution	\$0	\$0	\$146,572	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$146,572
G4020 - Site Lighting	\$85,420	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,420
G4030 - Site Communications & Security	\$49,767	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,883	\$116,649

* Indicates non-renewable system

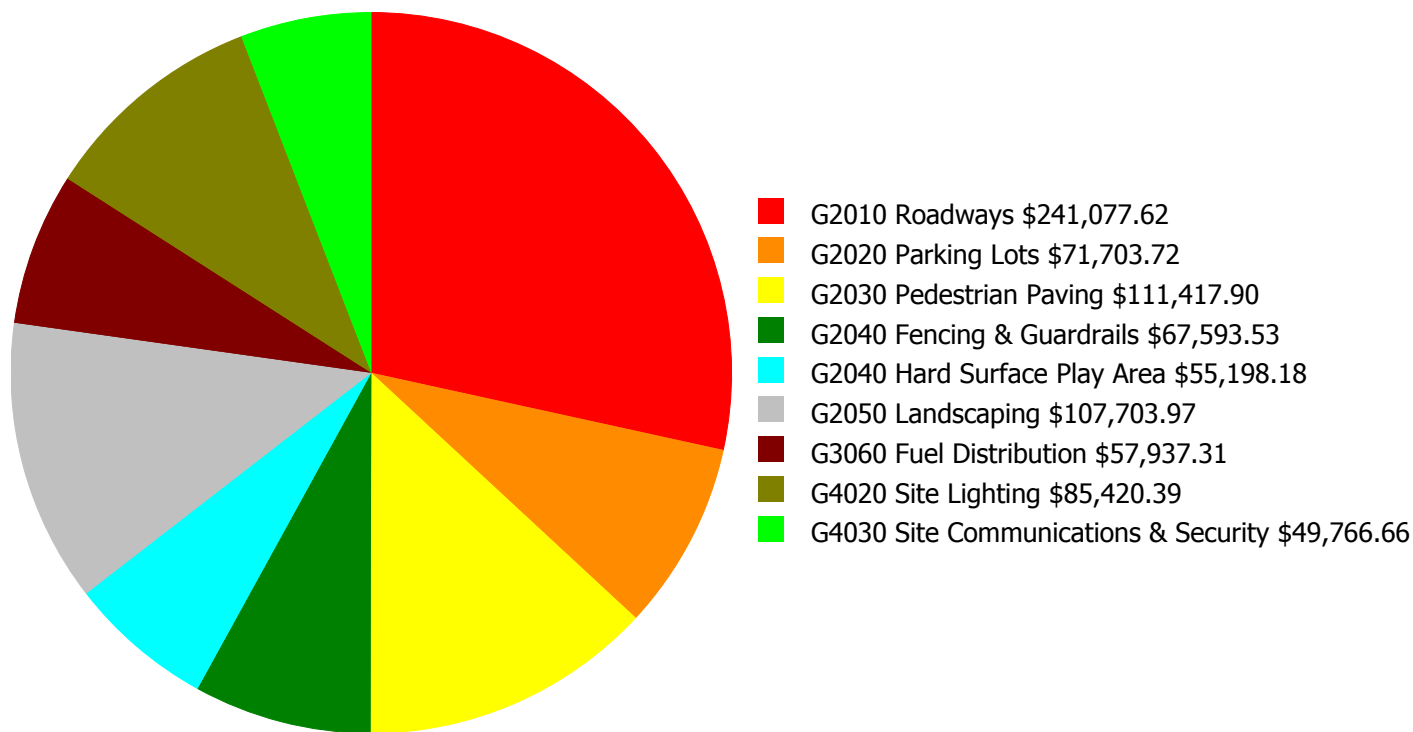
Forecasted Capital Renewal Requirement

The following chart shows the current building deficiencies and the forecasted capital renewal (system replacement) requirements over the next ten years.



Deficiency Summary by System

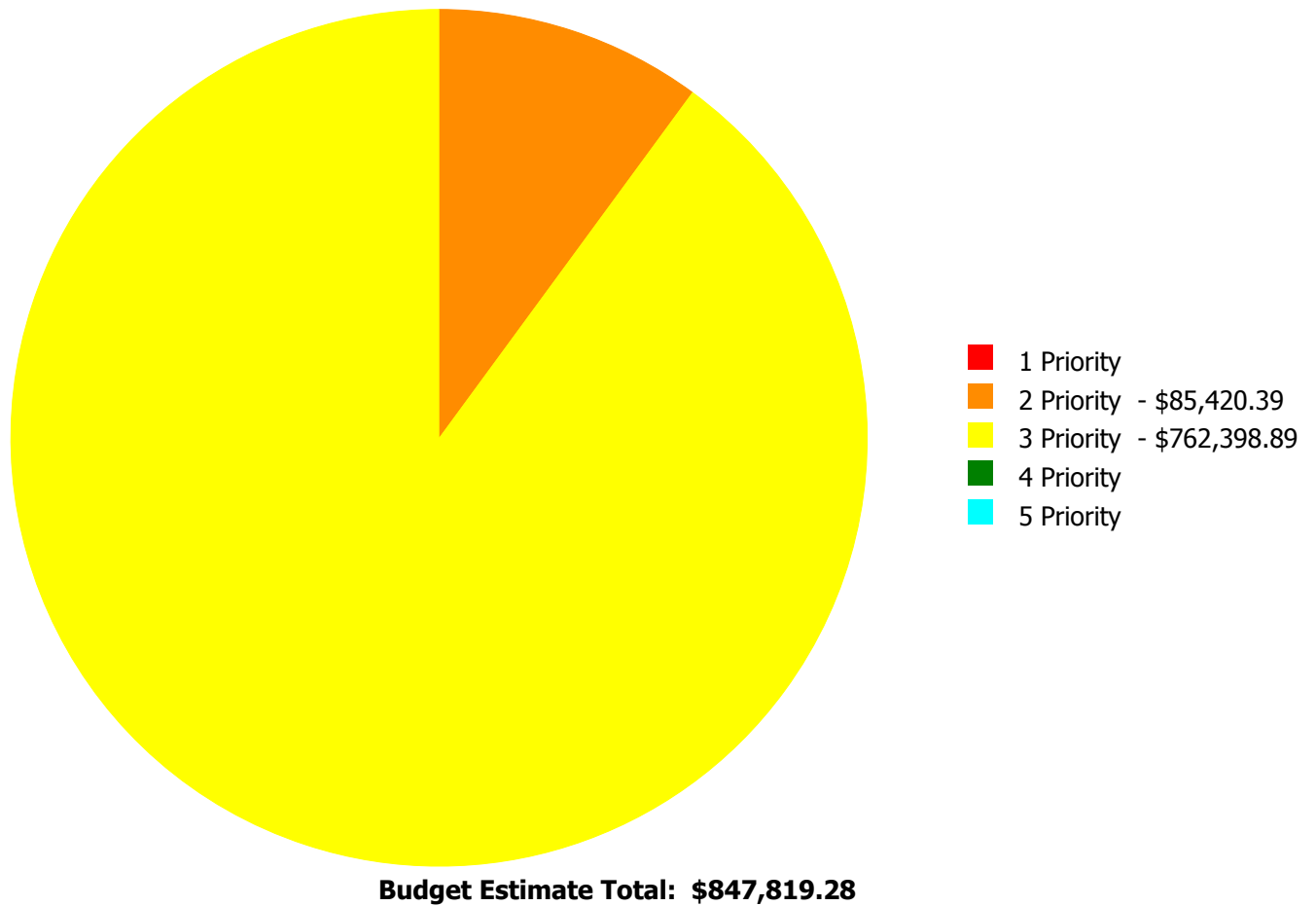
Current deficiencies include assemblies that have reached or exceed their design life or components of the assemblies that are in need of repair. Assemblies that have reached their design life are identified as current deficiencies and assigned the distress 'Beyond Service Life'. The following chart lists all current deficiencies associated with this facility broken down by UNIFORMAT system.



Budget Estimate Total: \$847,819.28

Deficiency Summary by Priority

The following chart shows the total repair costs broken down by priority. Assessors assigned deficiencies within eCOMET to one of the following priority categories:



Deficiency By Priority Investment Table

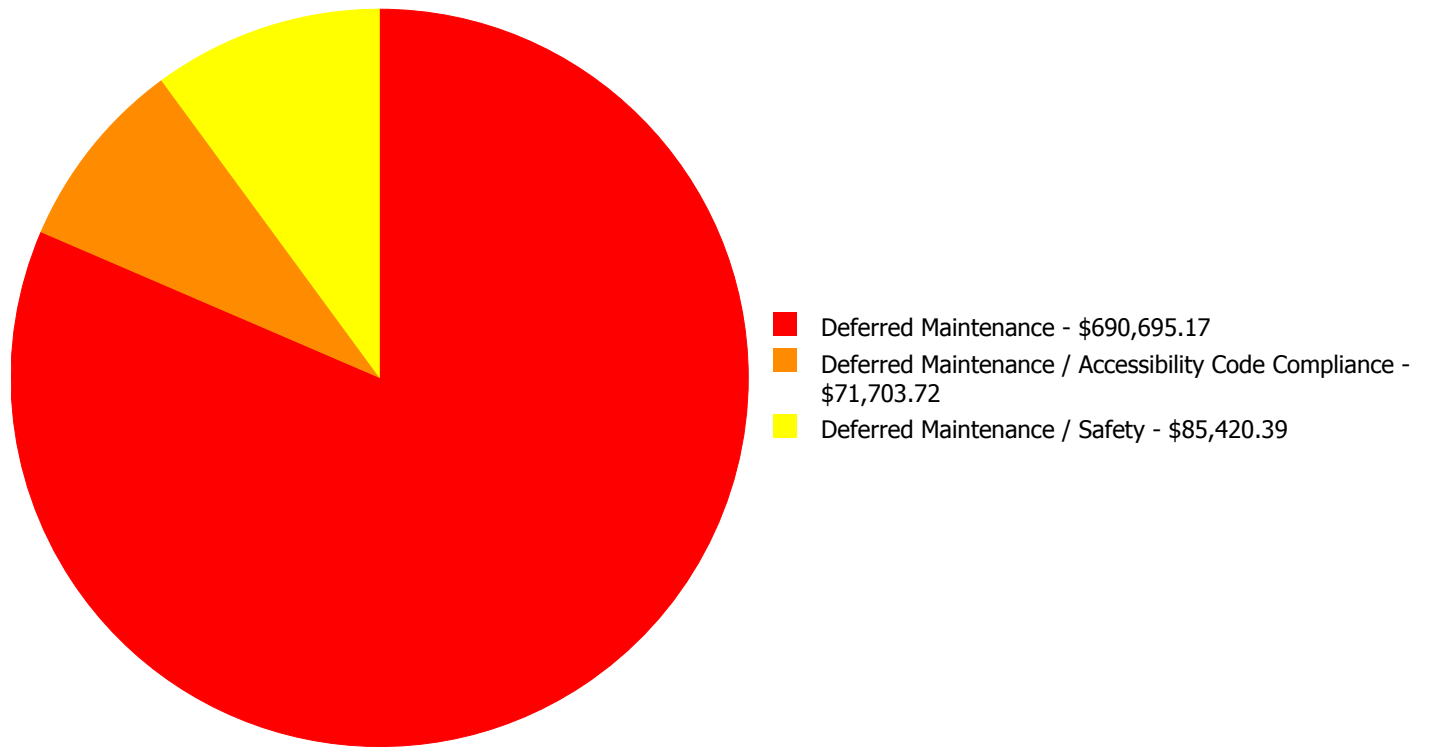
The table below shows the current investment cost grouped by deficiency priority and building system. Assessors assigned deficiencies within eCOMET to one of the following priority categories:

- **Priority 1** deficiencies require immediate review to correct a potential life/safety hazard, stop accelerated deterioration, or return a facility to operation.
- **Priority 2** deficiencies could become a Priority 1 deficiency, if not corrected within the next 2-3 years. These include intermittent operations, rapid deterioration, or potential life/safety hazards.
- **Priority 3** deficiencies require appropriate attention to preclude predictable deterioration or potential downtime and the associated damage or higher costs if deferred further and not completed within the next 3-5 years.
- **Priority 4** deficiencies represent a sensible improvement to existing conditions. The recommended improvements are not required for the basic functionality of the facility; however addressing these deficiencies will improve overall usability and/or reduce long term maintenance costs. Repairs for these deficiencies may be budgeted and scheduled for completion within the next 5-7 years.
- **Priority 5** deficiencies will include conditions that have no impact on the function or usability of the facility, such as appearance. No action is required for these deficiencies, but they are tracked since they may require future inspection or be completed as part of related repairs in contiguous areas of the facility.

System Code	System Description	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Total
G2010	Roadways	\$0.00	\$0.00	\$241,077.62	\$0.00	\$0.00	\$241,077.62
G2020	Parking Lots	\$0.00	\$0.00	\$71,703.72	\$0.00	\$0.00	\$71,703.72
G2030	Pedestrian Paving	\$0.00	\$0.00	\$111,417.90	\$0.00	\$0.00	\$111,417.90
G2040	Fencing & Guardrails	\$0.00	\$0.00	\$67,593.53	\$0.00	\$0.00	\$67,593.53
G2040	Hard Surface Play Area	\$0.00	\$0.00	\$55,198.18	\$0.00	\$0.00	\$55,198.18
G2050	Landscaping	\$0.00	\$0.00	\$107,703.97	\$0.00	\$0.00	\$107,703.97
G3060	Fuel Distribution	\$0.00	\$0.00	\$57,937.31	\$0.00	\$0.00	\$57,937.31
G4020	Site Lighting	\$0.00	\$85,420.39	\$0.00	\$0.00	\$0.00	\$85,420.39
G4030	Site Communications & Security	\$0.00	\$0.00	\$49,766.66	\$0.00	\$0.00	\$49,766.66
	Total:	\$0.00	\$85,420.39	\$762,398.89	\$0.00	\$0.00	\$847,819.28

Deficiency Summary by Category

The following chart shows the total repair costs broken down by deficiency categories. Assessors assigned deficiencies to one of the following categories:



Budget Estimate Total: \$847,819.28

Deficiency Details by Priority

The deficiency detail notes listed below provide additional information on identified deficiencies found within the facility.

Priority 2 Priority:

System: G4020 - Site Lighting



Location: Site

Distress: Beyond Service Life

Category: Deferred Maintenance / Safety

Priority: 2 Priority

Correction: Renew System

Qty: 67,526.00

Unit of Measure: S.F.

Estimate: \$85,420.39

Assessor Name: Sam Mandola

Date Created: 06/23/2015

Notes: Site lighting is beyond its expected service life, inadequate, and should be replaced and upgraded. SPLOST project 107-422 to upgrade the site lighting.

Priority 3 Priority:

System: G2010 - Roadways



Location: Site

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 42,391.00

Unit of Measure: S.F.

Estimate: \$241,077.62

Assessor Name: Eduardo Lopez

Date Created: 07/01/2015

Notes: Roadways are beyond their expected service life, damaged with many cracks, worn, and should be replaced.

System: G2020 - Parking Lots



Location: Site

Distress: Beyond Service Life

Category: Deferred Maintenance / Accessibility Code Compliance

Priority: 3 Priority

Correction: Renew System

Qty: 14,295.00

Unit of Measure: S.F.

Estimate: \$71,703.72

Assessor Name: Eduardo Lopez

Date Created: 07/01/2015

Notes: The parking lot is beyond its expected service life, has many repairs and potholes, and should be replaced and re-striped. Directional signage and markings are missing.

System: G2030 - Pedestrian Paving



Location: Site

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 67,526.00

Unit of Measure: S.F.

Estimate: \$111,417.90

Assessor Name: Eduardo Lopez

Date Created: 06/23/2015

Notes: Pedestrian paving is beyond its expected service life, damaged, and should be replaced. The sidewalk outside of the kitchen is torn up and needs to be replaced as it is a safety hazard. A ramp is needed to upper field.

System: G2040 - Fencing & Guardrails



Location: Site

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 67,526.00

Unit of Measure: S.F.

Estimate: \$67,593.53

Assessor Name: Eduardo Lopez

Date Created: 06/23/2015

Notes: Fencing is beyond its expected service life, rusted and failing, and should be scheduled for replacement.

System: G2040 - Hard Surface Play Area



Location: Site

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 8,016.00

Unit of Measure: S.F.

Estimate: \$55,198.18

Assessor Name: Eduardo Lopez

Date Created: 07/03/2015

Notes: The hard surface play area is beyond its expected service life, damaged with cracks and tripping hazards, and should be replaced. Basketball goals are also damaged and should be replaced.

System: G2050 - Landscaping



Location: Site

Distress: Beyond Service Life

Category: Deferred Maintenance

Priority: 3 Priority

Correction: Renew System

Qty: 67,526.00

Unit of Measure: S.F.

Estimate: \$107,703.97

Assessor Name: Eduardo Lopez

Date Created: 06/23/2015

Notes: Landscaping is beyond its expected service life, in poor condition, and should be replaced.

System: G3060 - Fuel Distribution



Location: Site
Distress: Beyond Service Life
Category: Deferred Maintenance
Priority: 3 Priority
Correction: Renew System
Qty: 67,526.00
Unit of Measure: S.F.
Estimate: \$57,937.31
Assessor Name: Eduardo Lopez
Date Created: 06/23/2015

Notes: Natural gas service is beyond its expected service life and should be scheduled for replacement.

System: G4030 - Site Communications & Security



Location: Site
Distress: Beyond Service Life
Category: Deferred Maintenance
Priority: 3 Priority
Correction: Renew System
Qty: 67,526.00
Unit of Measure: S.F.
Estimate: \$49,766.66
Assessor Name: Eduardo Lopez
Date Created: 06/23/2015

Notes: The site communications and security systems are beyond their expected service life and should be scheduled for replacement.

Glossary

Abandoned	A facility owned by a district that is not occupied and not maintained. See Vacant.
Additional Cost	Total project cost is composed of hard and soft costs. Additional costs or soft expenses are costs that are necessary to accomplish the corrective work but are not directly attributable to the deficient systems direct construction cost, which are often referred to as hard cost. The components included in the soft costs vary by owner but usually include architect and contractor fees, contingencies and other owner-incurred costs necessary to fully develop and build a facility. These soft cost factors can be adjusted anytime within the eCOMET® database at the owner's discretion.
Assessment	Visual survey of a facility to determine its condition. It involves looking at the age of systems, reviewing information from local sources and visual evidence of potential problems to assign a condition rating. It does not include destructive testing of materials or testing of systems or equipment for functionality.
ASTM	ASTM International (ASTM): Originally known as the American Society for Testing and Materials, ASTM is an international standards organization that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services.
BOMA	Building Owners Managers of America (BOMA): National organization of public and private facility owners focused on building management tools and maintenance techniques. eCOMET® reference: Building and component system effective economic life expectancies.
Building	A fully enclosed and roofed structure that can be traversed internally without exiting to the exterior.
Building Addition	An area, space or component of a building added to a building after the original building's year built date. NOTE: As a convention in the database, "Main" was used to designate the original building. Additions built prior to 1983 (30 years) were included in the main building area calculations to reflect their predicted system depreciation characteristics and remaining service life.
Building Systems	eCOMET® uses UNIFORMAT II to organize building data. UNIFORMAT II was originally developed by the federal General Services Administration to delineate building costs by systems rather than by material. UNIFORMAT II was formalized by an NIST standard, NISTIR 6389 in 1999. It has been further quantified and updated by ASTM standard 2005, E1557-05. The Construction Specifications Institute, CSI, has taken over the standard as part of their MasterFormat / MasterSpec system.
Calculated Next Renewal	The year a system or building element would be expected to expire based solely on the date it was installed and the expected useful lifetime for that kind of system.
Capital Renewal	Capital renewal refers to the cyclical replacement of building systems or elements as they become obsolete or beyond their useful life. It is not normally included in an annual operating/maintenance budget. See calculated next renewal and next renewal.
City Cost Index (CCI)	RS Means provides building system, equipment, and construction costs at a national level. The City Cost Index (also provided by RS Means) localizes those costs to a geographic region of the United States. In eCOMET®, each building or site is assigned a City Cost Index, which adjusts all of the associated costs for systems, deficiencies and inventory to the local value.
Condition	Condition refers to the state of physical fitness or readiness of a facility system or system element for its intended use.
Condition Budget	The Condition Budget, also known as Condition Needs, represents the budgeted contractor installed costs plus owner's soft costs for the repair, replacement or renewal for a component or system level deficiency. It excludes contributing costs for other components or systems that might also be associated with the corrective actions due to packaging the work.

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Condition Index (CI) %	The Condition Index (CI) also known as the Remaining Service Life Index (RSLI) is calculated as the sum of a renewable system's Remaining Service Life (RSL) Value divided by the sum of a system's Replacement Value (both values exclude soft cost to simplify calculation updates) expressed as a percentage ranging from 100.00% (new) to 0.00% (expired - no remaining life).
Construction Specifications Institute	Construction Specifications Institute: Primary national organization specializing in construction materials data and data location in construction documents. eCOMET® reference: UNIFORMAT II materials classification.
Correction	Correction refers to an assessor's recommended deficiency repair or replacement action. For any system or element deficiency, there can be multiple and alternative solutions for its repair or replacement. A Correction is user defined and tied to a UNIFORMAT II element, or system it is intended to address. It excludes other peripheral costs that may also be included in the packaging of repair, replacement or renewal improvements that may also be triggered by the deficiency correction.
Cost Model	A cost model is a list of facility systems which could represent the installed systems a given facility. Included in the cost model are standard unit cost estimates, gross areas, life cycles and installed dates. Also represented is the repair cost for deficient systems, replacement values. See eCOMET® cost models.
Criteria	Criteria refer to the set of requirements, guidelines or standards that are assessed and rated to develop a score.
Current Period	The Current Period is the current year plus a user defined number of forward years.
Current Replacement Value (CRV)	The Current Replacement Value (CRV) of a facility, building or system represents the hypothetical cost of rebuilding or replacing an existing facility under today's codes and construction standards, using its current configuration. It is calculated by multiplying the gross area of the facility by a square foot cost developed in that facility's cost model. Replacement cost includes construction costs and owner's additional or soft costs for fees, permits and other expenses to reflect a total project cost.
Deferred Maintenance	Deferred maintenance is condition work deferred on a planned or unplanned basis to a future budget cycle or postponed until funds are available.
Deficiency	A deficiency is a repair item that is damaged, missing, inadequate or insufficient for an intended purpose.
Deficiency Category	Deficiency Category refers to the type or class of a user defined deficiency grouping with shared or similar characteristics. Category descriptions include, but are not limited to: Accessibility Code Compliance, Appearance, Building Code Compliance, Deferred Maintenance, Energy, Environmental, Life Safety Code Compliance, and Safety.
Deficiency Distress	Deficiency Distress refers to a user-defined root cause of a deficiency. Distress descriptions are: Beyond Service Life, Damaged, Inadequate, Needs Remediation, and Missing.
Deficiency Priority	Deficiency Priority refers to a deficiency's urgency for repair as determined by the assessment team. Deficiencies were assigned a priority of 1 through 5, with Priority 1 deficiencies being the most urgent.
eCOMET®	Energy and Condition Management Estimation Technology (eCOMET®) is Parsons proprietary facility asset management software developed to provide facility managers with a state of the art, web-based tool to develop and maintain a comprehensive database of FCA data and information used for facility asset management, maintenance and repair, and capital renewal planning. eCOMET® is used by Parsons and its clients as the primary tool for collecting FCA data, preparing cost estimates, generating individual facility reports and cost estimates, and developing the overall capital renewal program.

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eCOMET® Cost Models	eCOMET® cost models are derived from RS Means Square Foot Cost Data cost models and these models are used to develop the current replacement value (CRV) and assign life cycle costs to the various systems within a building. Cost models are assigned current costs-per-square-foot to establish replacement values. The Cost models are designed to represent a client specific facility that meets local standards cost trends.
Element	Elements are the major components that comprise building systems as defined by UNIFORMAT II.
Expected Life	Also referred to as Useful Life. See Useful Life definition.
Facility	A facility refers to site(s), building(s), or building addition(s), or combinations thereof that provide a particular service or support of an educational purpose.
Facility Attributes	Customizable eCOMET® fields to identify attributes specific to a facility. These fields are part of the eCOMET® database set-up with the owner.
Facility Condition Assessment (FCA)	A facility condition assessment (FCA) is a visual inspection of buildings and grounds at a facility to identify and estimate current and future needed repairs or replacements of major systems for planning and budgeting purposes. It is typically performed for organizations that are tasked with the day to day maintenance, operation, and capital renewal (replacement) of building systems and components of a large inventory of facilities. The primary goal of an FCA is to objectively and quantifiably identify, inspect, and prioritize the repair and replacement needs of the building and ground systems (e.g., roofs, windows, doors, floor finishes, plumbing fixtures, parking lot, and sidewalks) within facilities that have either failed or have surpassed their service life, and to identify and forecast future capital replacement needs for systems that have not yet failed, but planned replacement of those systems is needed to ensure that the facilities will continue to meet the mission of the organization.
Facility Condition Index (FCI)	FCI is an industry-standard measurement of a facility's condition expressed as a percentage from 0.00% to 100.00% that is derived by dividing the cost to correct a facility's deficiencies by its Current Replacement Value (CRV). The higher the FCI the poorer the condition of a facility. After an FCI is established for all buildings within a portfolio, a building's condition can be ranked relative to other buildings. The FCI may also represent the condition of a portfolio based on the cumulative FCIs of the portfolio's facilities.
Forecast Period	The Forecast Period refers to a user defined number of years forward of the Current Period.
Gen (Generate)	The Cost Model has a Gen box for each system line item. By checking the box, eCOMET® will generate life cycle deficiencies based on the Year Installed and the Life for that system. Systems that typically do not re-generate (foundations, floor construction, roof construction, basement walls, etc.) would not have the Gen box checked as those systems would not re-generate at the end of a life cycle. In those instances, it would be more practical and cost effective to demolish the entire facility than renew those systems.
Gross Square Feet (GSF)	The area of the enclosed floor space of a building or building addition in square feet measured to the outside face of the enclosing wall.
Life cycle	Life cycle refers to the period of time that a building or site system or element can be expected to adequately serve its intended function. Parsons assigns expected life cycles to all building systems based on Building Operators and Managers of America (BOMA) recommended life cycles, manufacturers suggested life, and RS Means cost data, and client-provided historical data. BOMA standards are a nationally recognized source of life cycle data for various components and/or systems associated with facilities. RS Means is a national company specializing in construction estimating and costs.
Next Renewal	Next Renewal refers to a manually-adjusted expected useful life of a system or element based on on-site inspection either by reducing or extending the Calculated Next Renewal to more accurately reflect current conditions.

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Order of Magnitude	Order of Magnitude refers to a rough approximation made with a degree of knowledge and confidence that the budgeted, projected or estimated cost falls within a reasonable range of cost values.
Remaining Service Life (RSL)	RSL is the number of years of service remaining for a system or equipment item. It is automatically calculated based on the difference between the current year and the Calculated Next Renewal date or the Next Renewal date whichever one is the later date.
Renewal Factors	Renewal factors represent the difference in cost of renovating or replacing an existing system, rather than new construction of a building system. For example, installing a new built-up roof on an existing building would include removing and disposing of the old roof, a cost not associated with new construction. Using a renewal premium to account for demolition and other difficulty costs, Parsons typically assigns a renewal factor of 110%.
Renewal Schedule	A timeline by year that indicates when the systems will need to be renewed and the estimated price of the renewal.
Repair Cost	Repair cost is the sum of all the deficiencies associated with a building or multiple buildings/facilities. It will include any applied soft costs or City Cost Indexes.
Replacement Value	See Current Replacement Value.
Site	A facility's grounds and its utilities, roadways, landscaping, fencing and other typical land improvements needed to support a facility.
Soft Costs	Soft Costs are a construction industry term that refers to expense items that are not considered direct construction costs. Soft costs are user-defined and include architectural, engineering, management, testing, and mitigation fees, and other owner pre- and post-construction expenses.
Sustainability	Sustainability refers to the collection of policies and strategies that meet society's present needs without compromising the ability of future generations to meet their own needs.
System	System refers to building and related site work elements as described by ASTM UNIFORMAT II Classification for Building Elements (E1557-97), a format for classifying major facility elements common to most buildings. Elements usually perform a given function regardless of the design specification construction method or materials used. See also UNIFORMAT II.
System Generated Deficiency	eCOMET® automatically generates system deficiencies based on system life cycles using the systems installation dates as the base year. By adjusting the Next Renewal date ahead or behind the predicted or stated life cycle date, a system cost will come due earlier or later than the originally installed life cycle date. This utility accounts for good maintenance conditions and a longer life, or early expiration of a system life due to any number of adverse factors such as poor installation, acts of god, material defects, poor design applications and other factors that may shorten the life of a material or system. It is important to mention that the condition of the systems is not necessarily a reflection of maintenance practices, but a combination of system usage and age.
UNIFORMAT	ASTM UNIFORMAT II, Classification for Building Elements (E1557-97), a publication of the Construction Specification Institute (CSI), is a format used to classify major facility components common to most buildings. The format is based on functional elements or parts of a facility characterized by their functions without regard to the materials and methods used to accomplish them. These elements are often referred to as systems or assemblies.
Unit Price	The Unit Price (Raw) x (100% + the Additional Cost Template percentage).
Unit Price (Raw)	The actual \$/sq. ft cost being used for the building and systems. It will include adjustments for the City Cost Index applied to the facility.

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Useful Life	Also known as Expected Life, Useful Life refers to the intrinsic period of time a system or element is expected to perform as intended. Useful life is generally provided by manufacturers of materials, systems and elements through their literature, testing and experience. Useful Lives in the database are derived from the Building Owners and Managers (BOMA) organization's guidelines, RSMeans cost data, and from client- defined historical experience.
Vacant	Vacant refers to a facility that is not occupied but is a maintained facility by a district. See Abandoned.
Year Built	The year that a building or addition was originally built based on its date of substantial completion or occupancy.
Year Installed	The year a system or element was built or the most recent major renovation date where a minimum of 70% of the system's Current Replacement Value (CRV) was replaced.