# Campus Report


## Campus: Instructional Service Center (Rusk)

Report: Dec 15, 2014

## 1967 Bldg ISC-Rusk

### Executive Summary


| | |
|---|---|
| Gross Area (SF): | 65,483 |
| Year Built: | 1967 |
| Replacement Value: | $12,249,940 |
| Repair Cost: | $90,398 |
| Total FCI: | 0.74% |
| Total RSLI: | 72% |
| Condition Score: | 4.96 |

**Facility Description:**
The superstructure is concrete frame. Floor construction is slab on-grade. Roof construction is cast concrete. The exterior enclosure is comprised of walls of brick veneer over CMU. Exterior windows are aluminum frame mostly with fixed panes. Exterior doors are hollow metal steel mostly with glazing. Roofing is typically low slope with modified bitumin and is in good condition with no reported leaks.

## Current Investment Requirement and Condition by Uniformat Classification

| Uniformat Classification | RSLI% | FCI% | Current Repair Amount |
|---|---|---|---|
| A10 Foundations | NR | 0.00 | $0 |
| A20 Basement Construction | NR | 0.00 | $0 |
| B10 Superstructure | NR | 0.00 | $0 |
| B20 Exterior Enclosure | 86.67 | 0.00 | $0 |
| B30 Roofing | 25.81 | 0.00 | $0 |
| C10 Interior Construction | 85.66 | 0.00 | $0 |
| C20 Stairs | NR | 0.00 | $0 |
| C30 Interior Finishes | 76.00 | 0.00 | $0 |
| D10 Conveying | 80.00 | 0.00 | $0 |
| D20 Plumbing | 81.59 | 0.00 | $0 |
| D30 HVAC | 75.93 | 0.00 | $0 |
| D40 Fire Protection | 84.74 | 0.00 | $0 |
| D50 Electrical | 72.86 | 7.91 | $90,398 |
| E10 Equipment | 80.00 | 0.00 | $0 |
| E20 Furnishings | 80.00 | 0.00 | $0 |
| **Total:** | **72.14** | **0.74** | **$90,398** |

# System Listing for 1967 Bldg ISC-Rusk

| Uniformat | System Description | Unit Price | UoM | Life | Install Year | Calc Next Renewal | Next Renewal[1] | RSL [2] | RSLI% | REMR | FCI% | Current Repair Amt | Current Replacement Amt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A1010 | Standard Foundations | $6.44 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $421,915 |
| A1020 | Special Foundations | $0.32 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $21,180 |
| A1030 | Slab on Grade | $5.52 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $361,763 |
| A2010 | Basement Excavation | $0.21 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $13,556 |
| A2020 | Basement Walls | $2.01 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $131,319 |
| B1010 | Floor Construction | $15.24 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $998,024 |
| B1020 | Roof Construction | $10.69 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $699,803 |
| B2010 | Exterior Walls | $11.76 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $770,122 |
| B2020 | Exterior Windows | $7.85 | S.F. | 30 | 2009 | 2039 | | 26 | 86.67 | | 0.00 | $0 | $514,262 |
| B2030 | Exterior Doors | $0.67 | S.F. | 30 | 2009 | 2039 | | 26 | 86.67 | | 0.00 | $0 | $44,055 |
| B3010 | Roof Coverings | $13.17 | S.F. | 20 | 1998 | 2018 | | 5 | 25.00 | | 0.00 | $0 | $862,469 |
| B3020 | Roof Openings | $0.44 | S.F. | 30 | 1998 | 2028 | | 15 | 50.00 | | 0.00 | $0 | $28,805 |
| C1010 | Partitions | $4.83 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $316,013 |
| C1020 | Interior Doors | $3.16 | S.F. | 40 | 2009 | 2049 | | 36 | 90.00 | | 0.00 | $0 | $206,721 |
| C1030 | Fittings | $2.42 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $158,430 |
| C2010 | Stair Construction | $2.39 | S.F. | 100 | 1967 | NR | | | NR | | 0.00 | $0 | $156,736 |
| C3010 | Wall Finishes | $4.14 | S.F. | 10 | 2009 | 2019 | | 6 | 60.00 | | 0.00 | $0 | $271,110 |
| C3020 | Floor Finishes | $9.16 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $599,831 |
| C3030 | Ceiling Finishes | $7.41 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $485,457 |
| D1010 | Elevators and Lifts | $1.19 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $77,944 |
| D2010 | Plumbing Fixtures | $6.00 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $393,110 |
| D2020 | Domestic Water Distribution | $0.62 | S.F. | 30 | 2009 | 2039 | | 26 | 86.67 | | 0.00 | $0 | $40,667 |
| D2030 | Sanitary Waste | $1.54 | S.F. | 30 | 2009 | 2039 | | 26 | 86.67 | | 0.00 | $0 | $100,819 |
| D2040 | Rain Water Drainage | $0.35 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $22,875 |
| D2090 | Other Plumbing Systems | $0.53 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $34,736 |
| D3020 | Heat Generating Systems | $3.26 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $213,499 |
| D3030 | Cooling Generating Systems | $5.91 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $387,179 |
| D3040 | Distribution Systems | $8.23 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $538,831 |
| D3050 | Terminal & Package Units | $24.74 | S.F. | 15 | 2009 | 2024 | | 11 | 73.33 | | 0.00 | $0 | $1,619,883 |
| D3060 | Controls & Instrumentation | $1.99 | S.F. | 15 | 2009 | 2024 | | 11 | 73.33 | | 0.00 | $0 | $130,472 |
| D3070 | Systems Testing & Balance | $0.56 | S.F. | 15 | 2009 | 2024 | | 11 | 73.33 | | 0.00 | $0 | $36,430 |
| D4010 | Sprinklers | $3.66 | S.F. | 30 | 2009 | 2039 | | 26 | 86.67 | | 0.00 | $0 | $239,763 |
| D4020 | Standpipes | $0.25 | S.F. | 30 | 2009 | 2039 | | 26 | 86.67 | | 0.00 | $0 | $16,097 |
| D4030 | Fire Protection Specialties | $0.09 | S.F. | 15 | 2007 | 2022 | | 9 | 60.00 | | 0.00 | $0 | $5,931 |
| D4090 | Other Fire Protection Systems | $0.47 | S.F. | 15 | 2009 | 2024 | | 11 | 73.33 | | 0.00 | $0 | $30,500 |
| D5010 | Electrical Service/Distribution | $2.20 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $144,027 |
| D5020 | Lighting and Branch Wiring | $10.38 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $679,470 |
| D5030 | Communications and Security | $3.62 | S.F. | 15 | 2009 | 2024 | | 11 | 73.33 | | 0.00 | $0 | $237,221 |
| D5090 | Other Electrical Systems | $1.25 | S.F. | 15 | 1967 | 1982 | | 0 | 0.00 | | 1 | $90,398 | $82,180 |
| E1020 | Institutional Equipment | $0.09 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $5,931 |
| E1090 | Other Equipment | $0.71 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $46,597 |
| E2010 | Fixed Furnishings | $1.59 | S.F. | 20 | 2009 | 2029 | | 16 | 80.00 | | 0.00 | $0 | $104,208 |

[1] For blank cells default to dates shown in Calculated Next Renewal Column

[2] Cells are left blank for Non Renewable Systems, no RSL will be calculated. Systems are expected to expire at the end of their life cycle.

## Renewal Schedule

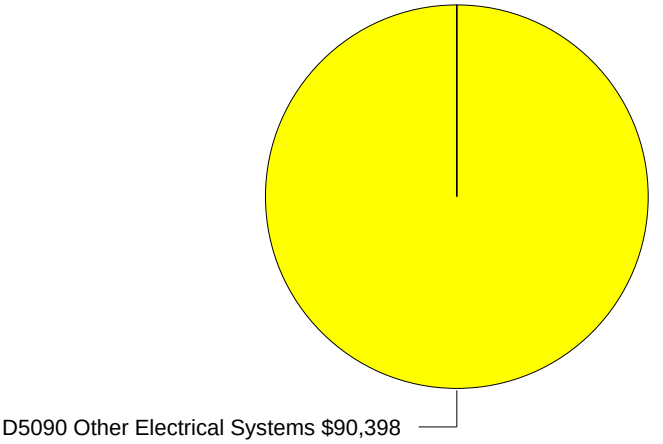
| Uniformat | System Description | Current | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | | $90,398 | | | | | $1,099,822 | $356,092 | | | $8,512 | | $1,554,824 |
| A1010 | Standard Foundations | | | | | | | | | | | | |
| A1020 | Special Foundations | | | | | | | | | | | | |
| A1030 | Slab on Grade | | | | | | | | | | | | |
| A2010 | Basement Excavation | | | | | | | | | | | | |
| A2020 | Basement Walls | | | | | | | | | | | | |
| B1010 | Floor Construction | | | | | | | | | | | | |
| B1020 | Roof Construction | | | | | | | | | | | | |
| B2010 | Exterior Walls | | | | | | | | | | | | |
| B2020 | Exterior Windows | | | | | | | | | | | | |
| B2030 | Exterior Doors | | | | | | | | | | | | |
| B3010 | Roof Coverings | | | | | | $1,099,822 | | | | | | $1,099,822 |
| B3020 | Roof Openings | | | | | | | | | | | | |
| C1010 | Partitions | | | | | | | | | | | | |
| C1020 | Interior Doors | | | | | | | | | | | | |
| C1030 | Fittings | | | | | | | | | | | | |
| C2010 | Stair Construction | | | | | | | | | | | | |
| C3010 | Wall Finishes | | | | | | | $356,092 | | | | | $356,092 |
| C3020 | Floor Finishes | | | | | | | | | | | | |
| C3030 | Ceiling Finishes | | | | | | | | | | | | |
| D1010 | Elevators and Lifts | | | | | | | | | | | | |
| D1020 | Escalators and Moving Walks | | | | | | | | | | | | |
| D1090 | Other Conveying Systems | | | | | | | | | | | | |
| D2010 | Plumbing Fixtures | | | | | | | | | | | | |
| D2020 | Domestic Water Distribution | | | | | | | | | | | | |
| D2030 | Sanitary Waste | | | | | | | | | | | | |
| D2040 | Rain Water Drainage | | | | | | | | | | | | |
| D2090 | Other Plumbing Systems | | | | | | | | | | | | |
| D3010 | Energy Supply | | | | | | | | | | | | |
| D3020 | Heat Generating Systems | | | | | | | | | | | | |
| D3030 | Cooling Generating Systems | | | | | | | | | | | | |
| D3040 | Distribution Systems | | | | | | | | | | | | |
| D3050 | Terminal & Package Units | | | | | | | | | | | | |
| D3060 | Controls & Instrumentation | | | | | | | | | | | | |
| D3070 | Systems Testing & Balance | | | | | | | | | | | | |
| D3090 | Other HVAC Systems/Equip | | | | | | | | | | | | |
| D4010 | Sprinklers | | | | | | | | | | | | |
| D4020 | Standpipes | | | | | | | | | | | | |
| D4030 | Fire Protection Specialties | | | | | | | | | | $8,512 | | $8,512 |
| D4090 | Other Fire Protection Systems | | | | | | | | | | | | |
| D5010 | Electrical Service/Distribution | | | | | | | | | | | | |
| D5020 | Lighting and Branch Wiring | | | | | | | | | | | | |
| D5030 | Communications and Security | | | | | | | | | | | | |
| D5090 | Other Electrical Systems | $90,398 | | | | | | | | | | | $90,398 |
| E1020 | Institutional Equipment | | | | | | | | | | | | |
| E1030 | Vehicular Equipment | | | | | | | | | | | | |
| E1090 | Other Equipment | | | | | | | | | | | | |
| E2010 | Fixed Furnishings | | | | | | | | | | | | |
| F1010 | Special Structures | | | | | | | | | | | | |
| F1020 | Integrated Construction | | | | | | | | | | | | |

# Campus Report - Instructional Service Center (Rusk)

| Uniformat | System Description | Current | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F1030 | Special Construction Systems | | | | | | | | | | | | |
| F1040 | Special Facilities | | | | | | | | | | | | |

## Deficiency Summary by System

Current deficiencies included assemblies that have reached or exceeded 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 Useful Life'. The following chart lists all current deficiencies associated with this facility.




**Budget Estimate Total: $90,398**

# Condition Detail

**System: D5090 - Other Electrical Systems**

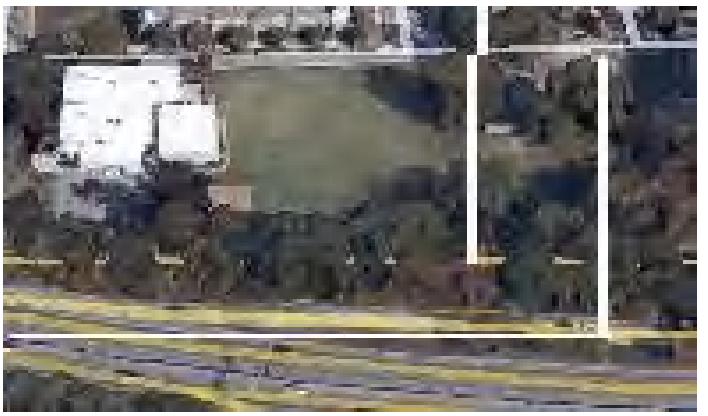
**Analysis: The system is in poor condition. The system was installed in 1967. It has a 15-year service life which expired in 1982.**

| | |
|---|---|
| **Location:** | **Building Systems** |
| **Material:** | **System** |
| **Distress:** | **Beyond Expected Life** |
| **Category:** | **Reliability** |
| **Priority:** | **4 - Recommended (Years 6-10)** |
| **Correction:** | **Renew System** |
| **Qty:** | **1-Ea.** |
| **Estimate:** | **$90,398.27** |
| **Created:** | **Adam Brown, 08/08/2013** |
| **Last Updated:** | **Joanne Romaneli, 08/29/2013** |

**Notes: Existing Emergency Generator is decommissioned and not in use. Client requested standard.**

## Site

### Executive Summary



| | | | |
|---|---|---|---|
| Gross Area (SF): | 65,483 | Repair Cost: | $0 |
| Year Built: | 1967 | Total FCI: | 0.00% |
| | | Total RSLI: | 79% |
| Replacement Value: | $1,805,030 | Condition Score: | 5.00 |

**Facility Description:**
Instructional Service Center (Rusk) was constructed in 1967 and a major renovation was completed in 2009. Campus site features include paved driveways and parking lots, pedestrian pavement, flag pole, landscaping, playground equipment, 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 2013 APS Facility Assessment. The detailed condition and deficiency statements are contained in this report for each building and site improvements on the campus.

## Current Investment Requirement and Condition by Uniformat Classification

| Uniformat Classification | RSLI% | FCI% | Current Repair Amount |
|---|---|---|---|
| G20 Site Improvements | 87.13 | 0.00 | $0 |
| G30 Site Mechanical Utilities | 31.11 | 0.00 | $0 |
| G40 Site Electrical Utilities | 86.67 | 0.00 | $0 |
| **Total:** | **78.90** | **0.00** | **$0** |

# System Listing for Site

| Uniformat | System Description | Unit Price | UoM | Life | Install Year | Calc Next Renewal | Next Renewal[1] | RSL [2] | RSLI% | REMR | FCI% | Current Repair Amt | Current Replacement Amt |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G2010 | Roadways | $2.21 | S.F. | 35 | 2009 | 2044 | | 31 | 88.57 | | 0.00 | $0 | $144,775 |
| G2020 | Parking Lots | $7.69 | S.F. | 35 | 2009 | 2044 | | 31 | 88.57 | | 0.00 | $0 | $502,902 |
| G2030 | Pedestrian Paving | $2.01 | S.F. | 35 | 2009 | 2044 | | 31 | 88.57 | | 0.00 | $0 | $131,229 |
| G2040 | Site Development | $4.50 | S.F. | 25 | 2009 | 2034 | | 21 | 84.00 | | 0.00 | $0 | $294,630 |
| G2050 | Landscaping | $1.00 | S.F. | 25 | 2009 | 2034 | | 21 | 84.00 | | 0.00 | $0 | $65,191 |
| G3010 | Water Supply | $0.93 | S.F. | 50 | 1967 | 2017 | | 4 | 8.00 | | 0.00 | $0 | $60,958 |
| G3020 | Sanitary Sewer | $1.97 | S.F. | 50 | 1967 | 2017 | | 4 | 8.00 | | 0.00 | $0 | $128,689 |
| G3030 | Storm Sewer | $1.10 | S.F. | 50 | 2009 | 2059 | | 46 | 92.00 | | 0.00 | $0 | $71,964 |
| G4010 | Electrical Distribution | $2.54 | S.F. | 30 | 2009 | 2039 | | 26 | 86.67 | | 0.00 | $0 | $165,941 |
| G4020 | Site Lighting | $2.51 | S.F. | 30 | 2009 | 2039 | | 26 | 86.67 | | 0.00 | $0 | $164,248 |
| G4030 | Site Communication and Security | $1.14 | S.F. | 30 | 2009 | 2039 | | 26 | 86.67 | | 0.00 | $0 | $74,504 |

[1] For blank cells default to dates shown in Calculated Next Renewal Column

[2] Cells are left blank for Non Renewable Systems, no RSL will be calculated. Systems are expected to expire at the end of their life cycle.

## Renewal Schedule

| Uniformat | System Description | Current | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total | | | | | | $234,793 | | | | | | | $234,793 |
| G1010 | Site Clearing | | | | | | | | | | | | |
| G1020 | Site Demolition and Relocations | | | | | | | | | | | | |
| G1030 | Site Earthwork | | | | | | | | | | | | |
| G1040 | Hazardous Waste Remediation | | | | | | | | | | | | |
| G2010 | Roadways | | | | | | | | | | | | |
| G2020 | Parking Lots | | | | | | | | | | | | |
| G2030 | Pedestrian Paving | | | | | | | | | | | | |
| G2040 | Site Development | | | | | | | | | | | | |
| G2050 | Landscaping | | | | | | | | | | | | |
| G3010 | Water Supply | | | | | $75,469 | | | | | | | $75,469 |
| G3020 | Sanitary Sewer | | | | | $159,324 | | | | | | | $159,324 |
| G3030 | Storm Sewer | | | | | | | | | | | | |
| G3040 | Heating Distribution | | | | | | | | | | | | |
| G3050 | Cooling Distribution | | | | | | | | | | | | |
| G3060 | Fuel Distribution | | | | | | | | | | | | |
| G3090 | Other Site Mechanical Utilities | | | | | | | | | | | | |
| G4010 | Electrical Distribution | | | | | | | | | | | | |
| G4020 | Site Lighting | | | | | | | | | | | | |
| G4030 | Site Communication and Security | | | | | | | | | | | | |
| G4090 | Other Site Electrical Utilities | | | | | | | | | | | | |

## Deficiency Summary by System

Current deficiencies included assemblies that have reached or exceeded 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 Useful Life'. The following chart lists all current deficiencies associated with this facility.

This Site doesn't have any Deficiencies to show in the pie chart.

# Condition Detail

## Glossary

| | |
|---|---|
| Abandoned | A facility owned by a district that is not occupied and not maintained. See Vacant. |
| 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 useful life. |
| Calculated Next Renewal | Calculated Next Renewal refers to the year a system or building element completes its useful life based on its installed date and its expected useful or design life. |
| Capacity | Capacity refers to the number of students the facility can accommodate. The capacity is calculated using a capacity model which totals the number of general classrooms contained in the school, and then multiplies this total by the number of students in each classroom to arrive at a net capacity. The number of students per classroom is typically set at 25 for all grade levels. The net capacity is then divided by a scheduling factor to arrive at the functional capacity. The scheduling factors are typically set at 100% for elementary schools, and 75% for middle and high schools. |
| Capital Renewal | Capital Renewal refers to physical facility condition work (excluding suitability and technology work) that includes the cyclical replacement of building systems or elements as they become obsolete or beyond their useful life that is not normally included in an annual operating maintenance budget. |
| Category | Category refers to the type or class of a user defined deficiency grouping with shared or similar characteristics. Category descriptions are: ADA / Accessibility Capital Renewal Compliance Critical Repair Deferred Maintenance Environmental Functional Adequacy |
| 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 cortrective actions due to packaging the work. |
| Condition Score | Condition Score, also known as the Condition Index (CI) is a factor used in the calculation of School Score expressed as Condition Score = (1- FCI ) where FCI represents the Facility Condition Index. See School Score. |
| 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 material defined in a Uniformat II element, or system it is intended to address. It excludes other peripheral costs that may also be included in the pacakaging of repair, replacement or renewal improvements that may also be triggered by the deficiency correction. |
| Criteria | Criteria refers to the set of requirements, guidelines or standards that are assessed and rated to develop a score. Criteria typically includes Condition, Educational Suitability (Suitability) and Technology Readiness (Technology). |
| Current Period | The Current Period is the curent year plus a user defined number of forward years. |
| Current Replacement Value (CRV) | Current Replacement Value (CRV), also known as Replacement Value represents the hypothetical total cost of rebuilding or replacing an existing facility in current dollars to an optimal state-of-the-art condition under current codes and construction standards and techniques. |

| | |
|---|---|
| Deferred maintenance | Deferred maintenance is condition work (excluding suitability and technology readiness needs) 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. |
| Distress | Distress refers to a user defined root cause of a deficiency. Distress descriptions are: Abandoned Beyond Useful Life Damaged Failing Inadequate Missing |
| District Facility Index (DFI) | The District Facility Index (DFI) is the ratio of the sum of a facility's Condition Budget plus Suitability Budget plus Technology Readiness Budget to the facility's Current Replacement Value (CRV) ranging from 0% (new) to 100% (very poor). |
| District School Score (DSS) | The District School Score (DSS) is a calculated value derived by the following formula: School Score = (Condition Score * weighting factor) + (Suitability Score * weighting factor) + (Technology Score * weighting factor) |
| District Suitability Index (DSI) | The District Suitability Index (DSI) is a ratio of the sum of Suitability deficiency costs to the facility's Current Replacement Value (CRV) ranging from 0% (new) to 100% (very poor). |
| District Technology Index (DTI) | The District Technology Index (DTI) is the ratio of the sum of technology deficiency costs to the facility Current Replacement Value ranging from 0% (new) to 100% (very poor). |
| Element | Elements are the major components that comprise building systems as defined by Uniformat. |
| Energy Audit Budget | Energy Audit Budget, also known as Energy Needs, represents the need for a detailed energy audit for those schools that used more than the average Energy Utilization Index (EUI) as reported by the Department of Energy for US primary and secondary schools. |
| Energy Utilization Index (EUI) | EUI is the measure of total energy consumed in the cooling or heating of a building in an annual period expressed as British thermal unit (BTU) per (cooled or heated) gross square foot. |
| Enrollment Projection | Enrollment Projection refers to an estimate of a future student population based on historical data and enrollment information provided. Two methods are typically used and averaged to calculate projected enrollment: Annual % Change and Linear Regression. |
| Extended Facility Condition Index (EFCI) | Extended Facility Condition Index (EFCI) is calculated as the condition needs for the current year (Current Period) plus facility system renewal for user defined forward years divided by Current Replacement Value. |
| 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 Condition Index (FCI) | FCI is an industry-standard measurement of facility condition calculated as the ratio of the costs to correct a facility's deficiencies to the facility's Current Replacement Value. It ranges from 0% (new) to 100%(very poor). |
| Forecast Period | The Forecast Period refers to a user defined number of years forward of the Current Period. |
| 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. |
| Install year | 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. |
| Life cycle | Life cycle refers to the period of time that a building or or element exists and can serve its intended function. The cycle includes warranty period, intrinsic period, and run to failure period. (See Useful Life) |
| 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 current conditions. |

| | |
|---|---|
| No Educational Program (NEP) | No Educational Program (NEP) refers to a Tier 1 facility that does not have a current educational program (elementary, middle or high school program) usually due to the facility being vacant, abandoned or used for other temporary function. |
| 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. |
| Priority | Priority refers to a deficiency's urgency for repair as determined by the assessment team and does not reflect the priority assigned to proposed project repairs as determined by client funding requests or facility planning. Five typical industry priority settings were used for the assessment: Priority Description 1 Critical / Immediate Need, 2 Potentially Critical- 12 months, 3 Necessary- 2-5 Yrs 4 Recommended 6-10 Yrs, and 5 Does Not Meet Current Code and/or Guidelines |
| Remaining Service Life % (RSLI%) | Remaining Service Life % (RSLI%) is a calculated value such that RSL% = Remaining Service Life (RSL) divided by its system intrinsic Design Life (not displayed). |
| Remaining Service Life (RSL) | Remaining service life (RSL) is a measure of a system's or element's predicted remaining useful life calculated as RSL = Next Renewal or Calculated Next Renewal Year minus the Current Year. |
| Remaining Service Life Index (RSLI) | The Remaining Service Life Index (RSLI) also known as the Condition Index (CI) 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 softcost to simplify calculation updates) expressed as a percentage ranging from 100.00% (new) to 0.00% (expired - no remaining life). |
| Remaining Service Life Value | Remaining Service Life Value also known as the RSL Weight is a calculated value used to determine the RSLI that is equal to the system Value (Unit Cost * Qty) * RSL (not displayed). |
| Repair Evaluation (REMR) | Repair Evaluation Maintenance and Rehabilitation (REMR) is a scale used by federal users to objectively rank systems based on its condition: Minor / Excellent: No noticeable defects. Some aging or wear may be visible. Minor / Good: Only minor deterioration or defects are evident. Moderate / Fair: Some deterioration or defects are evident but function is not significantly affected. Moderate / Marginal: Moderate deterioration. Function is still adequate. Major / Poor: Serious deterioration in at least some portions of the structure. Functions is inadequate. Major / Very Poor: Serious deterioration in at least some portions of the structure. Function is inadequate. Major / Failed: No longer functions. General failure or complete failure of a major structural component. (Source: ERDC/CERL TR-REMR-OM-26) |
| 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 user defined expense items that are not considered direct construction costs. Soft costs are user defined and include architectural, engineering, management, testing, and mitagation fees, and other owner pre- and post-construction expenses. |
| Suitability | Suitability refers to the measure of how well a facility supports the educational program(s) that it houses based on criteria derived from state laws, guidelines and national educational best practices. |
| Suitability Budget | The Suitability Budget, also known as Suitability Needs, represents the budgeted trade installed cost plus soft costs for the corrections required to bring a program's educational suitability item or characteristic into compliance with standards, guidelines or best practices. |
| Suitability Score | Suitability Score is a calculated value expressed as Suitability Score = (Sum of scoring for Suitability Criteria issues) * weighted value. See School Score. |

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| Sustainment Restoration and Modernization (S/RM) | S/RM is currently not used in the database. Sustainment Restoration and Modernization (S/RM) refers to the Department of Defense program to keep the Departments inventory of facilities in good working order (i.e. day to day maintenance requirements). In addition it provides resources to restore facilities whose age is excessive or have been damaged by fire accident or natural disasters and alternations of facilities to implement new or higher standards to accommodate new functions or mission. |
| 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 Condition Index (SCI) | System Condition Index (SCI) is the ratio of a system's current condition deficiency costs to its replacement value - also known as "percent used" ranging from 0 percent to 100 percent or greater due to the addition of the system's renewal premium the additional costs to prepare for the system renewal such as demolition costs. |
| Technology Budget | The Technology Budget, also known as Technology Readiness Needs, represents the budgeted trade installed cost plus owner's soft costs for the corrections required to bring a program's technology readiness item or characteristic into compliance with standards guidelines or best practices. |
| Technology Score | Technology Score, also known as Technology Readiness Score, is calculated as the Sum of scoring for technology readiness criteria issues * weighted value. See also School Score. |
| Tier 1 | A Tier 1 facility generally has a teaching-learning purpose and may include the following Facilities: Sites Educational buildings Classrooms Libraries and media centers Cafeterias and kitchens Auditoriums gymnasiums and multipurpose rooms Vocational Agricultural buildings and greenhouses New school facilities built within the past 12 months not in current inventory records |
| Tier 2 | A Tier 2 building is an ancillary building that typically is not occupied or does not have a teaching-learning purpose or is a temporary structure, including the following facilities: Sites Storage, Temporary modular structures, Other modulars, Teacherages / residences, Storage sheds, Sports bleachers, concession stands, press boxes, Abandoned buildings, and buildings under construction. |
| Tier 3 | A Tier 3 building is an ancillary building that is occupied but typically does not have a teaching-learning purpose, and includes the following Facilities: Administration buildings Maintenance buildings Transportation facilities |
| Uniformat | Uniformat, also known as Uniformat II, a publication of the Construction Specification Institute (CSI), is ASTM Uniformat II Classification for Building Elements (E1557-97). UniFormat is a method of arranging construction information 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. |
| Useful 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. |
| Utilization | Utilization, also known as School Utilization, refers to ratio of students to the school's capacity calculated by dividing the number enrolled at the school by its Program Capacity. |
| Vacant | Vacant refers to a facility that is not occupied but is a maintained facility by a district. See Abandoned. |

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| Weight (Weighting Factor) | Weight, also known as Weighting Factor, is a user defined factor used to apply more or less emphasis to system or element attributes such as deficiency category, deficiency priority or functional adequacy standard. For example, $100 of a Priority 1 issue by default has the same cost value (1x) as $100 of a Priority 5 item. Using weighting factors, the client can establish a priority factor so that for ranking or sorting purposes the facility (District, School, Building, Room, etc.) with a greater weighting (say 2x) thereby elevating it in rank order over the facility with Priority 1. |
| Year built | The year that a building or addition was originally built based on its date of substantial completion or occupancy. |