



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Lighting Fixtures - Interior - LED Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2033	64,510.00
Total					64,510.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5021 - Branch Wiring Devices	Name:	Branch Wiring - Equipment & Devices
Quantity:	63,516.00	Lifetime:	30
Unit Cost:	6.64	Years Remaining:	18 (Observed)
Replacement Cost:	422,033.33	% Used:	40% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2040	Renewal Action FY:	2040
% Renew:	125.00	Renewal Action Cost:	527,541.67

Description

Branch wiring for this building includes a average concentration of interior and exterior branch wiring, devices, and utilization equipment.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	260519901200	Wire, copper, stranded, 600 volt, #12, type THWN-THHN, normal installation conditions in wireway, conduit, cable tray	11.00	110.72	C.L.F.	1,217.92
RSMEANS2022	U	260533140220	Electric metallic tubing, 3/4" diameter, to 10' high, includes 11 couplings per 100'	120.00	4.22	L.F.	506.40
RSMEANS2022	U	260533161600	Outlet boxes, cast, weatherproof receptacle cover, 1 gang	4.00	15.21	Ea.	60.84
RSMEANS2022	U	262726202482	Duplex receptacle, ground fault interrupting, 20 amp	4.00	62.30	Ea.	249.20
RSMEANS2022	U	262726203170	Switch cover, weatherproof, 1 gang	2.00	21.97	Ea.	43.94
RSMEANS2022	U	262726204200	Receptacle, locking, 20 amp, 125/250 volt, NEMA L10	1.00	66.13	Ea.	66.13
RSMEANS2022	A	D50201200560	Receptacles and wall switches, 400 SF, 6 receptacles	12.00	4.18	S.F.	50.16
RSMEANS2022	A	D50201350200	Miscellaneous power, to .5 watts	6.00	0.19	S.F.	1.14
RSMEANS2022	A	D50201400400	Central air conditioning power, 10 watts	6.00	1.69	S.F.	10.14
RSMEANS2022	A	D50201650200	Safety switch, 30 A fused, 1 phase, 2 HP 115 V or 3 HP, 230 V	3.00	372.13	Ea.	1,116.39
						Subtotal:	3,322.26
						Adjustment Factor:	2.0000
						Total:	6,644.52

Linked Photos



Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5031 - Public Address and Music Systems	Name:	Public Address System
Quantity:	63,516.00	Lifetime:	15
Unit Cost:	3.80	Years Remaining:	6 (Observed)
Replacement Cost:	241,125.92	% Used:	60% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2028	Renewal Action FY:	2028
% Renew:	125.00	Renewal Action Cost:	301,407.40

Description

The building includes a public address system for facility wide announcements, music or other acoustic sound source broadcasts. The public address system includes an console, located in room IT Room, loudspeakers wall mounted, equipment to play recorded music, access to radio signals, conduit and wiring. Note: The system is at the end of its expected useful life(EUL), but considering it's in working condition its remaining useful life(RUL) has been extended.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	260533135020	Electric metallic tubing (EMT), 3/4" diameter, to 10' high, incl 2 terminations, 2 field bend elbows, 11 beam clamps, and 11 couplings per 100 LF	60.00	7.48	L.F.	448.80
RSMEANS2022	U	260533135700	EMT elbows, 1" diameter, to 15' H	0.30	24.44	Ea.	7.33
RSMEANS2022	U	260533136220	EMT couplings, set screw, steel, 3/4" diameter, to 15' H	0.60	5.67	Ea.	3.40
RSMEANS2022	U	260533160060	Outlet boxes, pressed steel, covers, blank, 4" octagon	0.20	13.20	Ea.	2.64
RSMEANS2022	U	260533160150	Outlet boxes, pressed steel, 4" square	0.40	42.12	Ea.	16.85
RSMEANS2022	U	271510231200	Sound cable, shielded with drain, #22-4 conductor, in conduit	0.60	139.07	C.L.F.	83.44
RSMEANS2022	U	275119100200	Sound system, microphone, excl rough-in wires, cables & conduits	0.10	334.80	Ea.	33.48
RSMEANS2022	U	275119100400	Sound system, speaker, ceiling or wall, excl rough-in wires, cables & conduits	3.00	254.79	Ea.	764.37
RSMEANS2022	U	275119100600	Sound system, trumpet, excl rough-in wires, cables & conduits	0.40	525.96	Ea.	210.38
RSMEANS2022	U	275119101200	Sound system, antenna, AM & FM, excl rough-in wires, cables & conduits	0.10	364.30	Ea.	36.43
RSMEANS2022	U	275119101400	Sound system, volume control, excl rough-in wires, cables & conduits	0.10	173.96	Ea.	17.40

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	275119101600	Sound system, amplifier, 250 W, excl rough-in wires, cables & conduits	0.10	2,736.27	Ea.	273.63
Subtotal:							1,898.15
Adjustment Factor:							2.0000
Total:							3,796.30

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Public Address System Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2028	301,407.00
Total					301,407.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5031 - Public Address and Music Systems	Name:	Scoreboard Single-Sided - College/High School Arena (Lower End)
Quantity:	1.00	Lifetime:	15
Unit Cost:	7,258.26	Years Remaining:	3 (Observed)
Replacement Cost:	7,258.26	% Used:	80% (Observed)
Unit of Measure:	Each	Year Installed:	2010
System Condition Rating:	Poor - Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2025	Renewal Action FY:	2025
% Renew:	125.00	Renewal Action Cost:	9,072.83

Description

The building has a scoreboard system. This system includes a wall-hung scoreboard. The scoreboard also includes LED scoring system, LED clocking system, as well as PA and sound capabilities.

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	A	E10906100170	Architectural equipment, school equipment, scoreboards, basketball, 1 side, economy	1.00	3,629.13	Ea.	3,629.13
						Subtotal:	3,629.13
						Adjustment Factor:	2.0000
						Total:	7,258.26

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Scoreboard Single-Sided – College/High School Arena (Lower End) Renewal	Lifecycle	3 - Due within 5 Years of Inspection	System Renewal	Jul 26, 2025	9,073.00
				Total	9,073.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5036 - Clock and Program Systems	Name:	Clock System
Quantity:	63,516.00	Lifetime:	10
Unit Cost:	7.72	Years Remaining:	3 (Observed)
Replacement Cost:	490,494.12	% Used:	70% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Poor - Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2025	Renewal Action FY:	2025
% Renew:	125.00	Renewal Action Cost:	613,117.65

Description

Centralized, automatic clock system for an average sized building. Clock system includes head end equipment, single and double sided clocks, conduit, wire, electrician and helper time, and fittings. Note: The system has exceeded its expected useful life(EUL), but considering it's in working condition its remaining useful life(RUL) has been extended.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	124619500080	Clocks, single face, 12" dia	5.50	251.08	Ea.	1,380.94
RSMEANS2022	U	124619500100	Clocks, double face, 12" dia	5.50	278.30	Ea.	1,530.65
RSMEANS2022	U	260533135020	Electric metallic tubing (EMT), 3/4" diameter, to 10' high, incl 2 terminations, 2 field bend elbows, 11 beam clamps, and 11 couplings per 100 LF	50.00	7.48	L.F.	374.00
RSMEANS2022	U	260533135700	EMT elbows, 1" diameter, to 15' H	0.10	24.44	Ea.	2.44
RSMEANS2022	U	260533136520	EMT boxes connectors, set screw, steel, 3/4" diameter, to 15' H	0.50	8.30	Ea.	4.15
RSMEANS2022	U	260533160060	Outlet boxes, pressed steel, covers, blank, 4" octagon	0.30	13.20	Ea.	3.96
RSMEANS2022	U	260533160150	Outlet boxes, pressed steel, 4" square	0.20	42.12	Ea.	8.42
RSMEANS2022	U	271510231200	Sound cable, shielded with drain, #22-4 conductor, in conduit	0.65	139.07	C.L.F.	90.40
RSMEANS2022	U	275313500100	Clock equipments, time system components,6 channel, 450-470 MHZ, wireless master controller, excl. wires & conduits	0.10	4,082.22	Ea.	408.22
RSMEANS2022	L	ELECJ	Electricians	0.40	87.08	hour	34.83
RSMEANS2022	L	HELPJ	Helpers Average (5 trades)	0.40	57.92	hour	23.17
Subtotal:							3,861.18
Adjustment Factor:							2.0000

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
						Total:	7,722.36

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Clock System Renewal	Lifecycle	3 - Due within 5 Years of Inspection	System Renewal	Jul 26, 2025	613,118.00
Total					613,118.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5037 - Fire Alarm Systems	Name:	Fire Alarm System - FACP
Quantity:	1.00	Lifetime:	15
Unit Cost:	32,127.24	Years Remaining:	5 (Observed)
Replacement Cost:	32,127.24	% Used:	67% (Observed)
Unit of Measure:	Each	Year Installed:	2010
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2027	Renewal Action FY:	2027
% Renew:	125.00	Renewal Action Cost:	40,159.05

Description

The building has an addressable fire alarm control panel located in Custodial Office.

Inventory Fields

Inventory Tag Number:	15040	Manufacturer:	Mircom
Model Number:	FX-350	Serial Number:	Not Available

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	284620504170	Detection system, fire alarm control panel, addressable with voice, up to 400 points, excluding wires & conduits	1.00	13,833.83	Ea.	13,833.83
RSMEANS2022	U	284620504175	Detection system, fire alarm control panel, addressable interface device, excluding wires & conduits	1.00	276.18	Ea.	276.18
RSMEANS2022	U	284620504400	Detection system, fire alarm control panel, battery & rack, automatic charger, excluding wires & conduits	1.00	704.28	Ea.	704.28
RSMEANS2022	U	284620504600	Detection system, UPS battery charger, signal bell, excluding wires & conduits	1.00	149.33	Ea.	149.33
RSMEANS2022	U	284620508200	Detection system, annunciator panel, 16 zone lamp, excluding wires & conduits	1.00	1,100.00	Ea.	1,100.00
						Subtotal:	16,063.62
						Adjustment Factor:	2.0000
						Total:	32,127.24

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Fire Alarm System – FACP Renewal	Lifecycle	3 – Due within 5 Years of Inspection	System Renewal	Jul 26, 2027	40,159.00
Total					40,159.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5037 - Fire Alarm Systems	Name:	Fire Alarm System - Initiating & Alarm Devices - Addressable
Quantity:	63,516.00	Lifetime:	10
Unit Cost:	1.64	Years Remaining:	5 (Observed)
Replacement Cost:	104,307.50	% Used:	50% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2027	Renewal Action FY:	2027
% Renew:	125.00	Renewal Action Cost:	130,384.37

Description

The building is equipped with an addressable fire alarm system which includes head end control panel, located the custodial office, remote annunciator panel and locations, pull stations, smoke detectors, heat detectors, duct smoke detectors, sprinkler flow and tamper switches as initiating devices, and audio/visual, visual only alarm devices. This system includes the initiating and alarm devices stated above and mounting boxes only. Note: The system has exceeded its expected useful life(EUL), but considering it's in working condition its remaining useful life(RUL) has been extended.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	211313506160	Sprinkler system components, tamper switch, (valve supervisory switch)	0.10	359.92	Ea.	35.99
RSMEANS2022	U	211313506165	Flow switch, (valve supervisory switch)	0.10	359.92	Ea.	35.99
RSMEANS2022	U	260533160060	Outlet boxes, pressed steel, covers, blank, 4" octagon	0.10	13.20	Ea.	1.32
RSMEANS2022	U	260533160150	Outlet boxes, pressed steel, 4" square	0.10	42.12	Ea.	4.21
RSMEANS2022	U	284611275240	Detection system, smoke detector, addressable type, excl. wires & conduit	1.00	373.63	Ea.	373.63
RSMEANS2022	U	284611275420	Detection system, smoke detector, duct type, addressable, excl. wires & conduit	0.10	443.44	Ea.	44.34
RSMEANS2022	U	284620505600	Detection system, strobe & horn, excluding wires & conduits	0.10	273.55	Ea.	27.36
RSMEANS2022	U	284620505620	Detection system, visual alarm, ADA type, excluding wires & conduits	0.10	231.87	Ea.	23.19
RSMEANS2022	U	284620507010	Detection system, break glass station, addressable, excluding wires & conduits	1.00	275.08	Ea.	275.08
Subtotal:							821.11
Adjustment Factor:							2.0000
Total:							1,642.22

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Fire Alarm System - Initiating & Alarm Devices - Addressable Renewal	Lifecycle	3 - Due within 5 Years of Inspection	System Renewal	Jul 26, 2027	130,384.00
				Total	130,384.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5038 - Security and Detection Systems	Name:	Security System - Access Control System
Quantity:	63,516.00	Lifetime:	10
Unit Cost:	3.11	Years Remaining:	5 (Observed)
Replacement Cost:	197,669.08	% Used:	50% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2027	Renewal Action FY:	2027
% Renew:	125.00	Renewal Action Cost:	247,086.35

Description

The building utilizes an average density, facility wide access control security system using credentials that include proximity keys with corresponding key readers, for access within the building. The system includes head end control panel with data base management software, located in 111 Electrical Room, strategically located access control authentication devices, electric door release hardware, conduit and wire. Note: The system is at the end of its expected useful life(EUL), but considering it's in working condition its remaining useful life(RUL) has been extended.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	230953100914	Control component, control panel readout, panel to 24 indicators	0.02	1,278.87	Ea.	25.58
RSMEANS2022	U	260523200600	Thermostat cable, jacket non-plenum, twisted, #18-4 conductor	2.00	157.09	C.L.F.	314.18
RSMEANS2022	U	260533135020	Electric metallic tubing (EMT), 3/4" diameter, to 10' high, incl 2 terminations, 2 field bend elbows, 11 beam clamps, and 11 couplings per 100 LF	20.00	7.48	L.F.	149.60
RSMEANS2022	U	274133108010	Video intercommunication system, video distribution units	0.10	352.28	Ea.	35.23
RSMEANS2022	U	281511110740	Access control equipment, entrance card reader, proximity	0.10	631.28	Ea.	63.13
RSMEANS2022	U	281511130340	Keypad access, digital keypad, interior/exterior, basic, excludes striker/power/wiring	0.10	529.47	Ea.	52.95
RSMEANS2022	U	281511130350	Keypad access, lockset, mechanical push-button type, complete, excludes striker/power/wiring	0.10	577.72	Ea.	57.77
RSMEANS2022	U	281511150200	Biometric identity scanner, fingerprint scanner unit, excludes striker and power	0.10	2,415.05	Ea.	241.51
RSMEANS2022	U	281511150310	Biometric identity scanner, facial and fingerprint scanner, combination unit, initial setup, excludes striker and power	0.10	2,175.07	Ea.	217.51

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	281511190360	Scanner/reader access control, power supply/transfer, 110V to 12/24V	0.50	263.45	Ea.	131.73
RSMEANS2022	U	281511190370	Scanner/reader accessories, elec/mag strikers, 12/24 V, access control	0.10	298.65	Ea.	29.87
RSMEANS2022	U	281511190380	Scanner/reader accessories, 1 hour battery backup power supply, access control	1.00	217.25	Ea.	217.25
RSMEANS2022	U	284620502200	Sound system, intercom remote station	0.10	197.73	Ea.	19.77
Subtotal:							1,556.08
Adjustment Factor:							2.0000
Total:							3,112.16

Linked Photos





Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Security System - Access Control System Renewal	Lifecycle	3 - Due within 5 Years of Inspection	System Renewal	Jul 26, 2027	247,086.00
Total					247,086.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5038 - Security and Detection Systems	Name:	Security System - CCTV Video
Quantity:	63,516.00	Lifetime:	10
Unit Cost:	2.94	Years Remaining:	6 (Observed)
Replacement Cost:	186,675.81	% Used:	40% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2028	Renewal Action FY:	2028
% Renew:	125.00	Renewal Action Cost:	233,344.76

Description

The building includes a CCTV, video, security camera system of average-density monitoring. The system monitors both exterior and interior designated areas for security, screening and alerts. The CCTV, video security camera system includes monitoring and screening equipment. Footage is recorded off site. Note: The system is at the end of its expected useful life(EUL), but considering it's in working condition its remaining useful life(RUL) has been extended.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	260533135020	Electric metallic tubing (EMT), 3/4" diameter, to 10' high, incl 2 terminations, 2 field bend elbows, 11 beam clamps, and 11 couplings per 100 LF	50.00	7.48	L.F.	374.00
RSMEANS2022	U	271533103860	Coaxial cable, 75 ohm, RG A/U #59 cable	0.50	134.63	C.L.F.	67.32
RSMEANS2022	U	282313102000	Closed circuit television system (CCTV), surveillance, one station (camera & monitor)	0.10	1,237.08	Total	123.71
RSMEANS2022	U	282313102200	Closed circuit television system (CCTV), surveillance, for additional camera stations, add	0.10	483.55	Ea.	48.36
RSMEANS2022	U	282313102610	Closed circuit television system (CCTV), industrial quality, for low light, add	0.10	827.85	Ea.	82.79
RSMEANS2022	U	282313102800	Closed circuit television system (CCTV), industrial quality, for weatherproof camera station, add	0.10	1,105.08	Ea.	110.51
RSMEANS2022	U	282313103000	Closed circuit television system (CCTV), industrial quality, for pan and tilt, add	0.10	2,199.58	Ea.	219.96
RSMEANS2022	U	282323500200	Video surveillance cameras, wireless, hidden in exit signs, clocks, etc, includes receiver	0.10	413.97	Ea.	41.40
RSMEANS2022	U	282323500220	Video surveillance camera accessories, multiple camera video recorder	0.10	2,010.07	Ea.	201.01
RSMEANS2022	U	282323500234	Video surveillance, master monitor station, 3 doors x 5 color monitor with tilt feature, complete	0.10	1,502.60	Ea.	150.26

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	282323500500	Video surveillance monitors, color flat screen, liquid crystal display (LCD), high resolution, 15"	0.10	502.25	Ea.	50.23
Subtotal:							1,469.55
Adjustment Factor:							2.0000
Total:							2,939.10

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Security System – CCTV Video Renewal	Lifecycle	4 – Due within 10 Years of Inspection	System Renewal	Jul 26, 2028	233,345.00
Total					233,345.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5038 - Security and Detection Systems	Name:	Security System - Video Intercom System - Entrances
Quantity:	2.00	Lifetime:	10
Unit Cost:	8,907.78	Years Remaining:	6 (Observed)
Replacement Cost:	17,815.56	% Used:	40% (Observed)
Unit of Measure:	Each	Year Installed:	2018
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2028	Renewal Action FY:	2028
% Renew:	125.00	Renewal Action Cost:	22,269.45

Description

Video intercom system is a stand-alone intercom system used to manage calls made at the entrance to a building with access controlled by audiovisual communication between the inside and outside. The facility utilizes a video entry intercom system, with audio communications included, at the front entrance. System includes audio/video intercom stations and video cable splitter hardware.

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	274133108000	Video intercommunication system, main video splitter	1.00	3,749.33	Ea.	3,749.33
RSMEANS2022	U	274133108010	Video intercommunication system, video distribution units	2.00	352.28	Ea.	704.56
						Subtotal:	4,453.89
						Adjustment Factor:	2.0000
						Total:	8,907.78

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Security System - Video Intercom System - Entrances Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2028	22,269.00
				Total	22,269.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5039 - Local Area Networks	Name:	LAN & VoIP System
Quantity:	63,516.00	Lifetime:	15
Unit Cost:	6.55	Years Remaining:	8 (Observed)
Replacement Cost:	416,239.40	% Used:	47% (Observed)
Unit of Measure:	SF	Year Installed:	2015
System Condition Rating:	Fair - Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2030	Renewal Action FY:	2030
% Renew:	125.00	Renewal Action Cost:	520,299.25

Description

System includes LAN and VoIP infrastructure emanating from the point of provider demarcation typically located in IT closets to the end user access points. System includes outlet devices access points, ethernet cable, fiber optic cable, cable support hardware and electrical power distribution.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	260536100200	Cable tray, ladder type, galvanized steel, 4" deep, 4" rung spacing, 12" wide, to 15' elevation, incl fittings & supports	5.00	40.94	L.F.	204.70
RSMEANS2022	U	270529100140	Cable support, J-hook, single tier, single sided, 4" diameter	15.00	19.58	Ea.	293.70
RSMEANS2022	U	271501233310	Telephone cable, HDMI cable, coaxial, HDMI/HDMI, Non plenum, 6', 24 kt terminations	2.00	38.45	Ea.	76.90
RSMEANS2022	A	D50102301280	Branch installation 600 V, including EMT conduit and THW wire, 30 A	60.00	10.28	L.F.	616.80
RSMEANS2022	A	D50309200110	Internet wiring, 8 data/voice outlets per 1000 S.F.	0.75	2,779.40	M.S.F.	2,084.55
Subtotal:							3,276.65
Adjustment Factor:							2.0000
Total:							6,553.30

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
LAN & VoIP System Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2030	520,299.00
Total					520,299.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5091 – Grounding Systems	Name:	Lightning Protection System - Bldg Under 75'
Quantity:	63,516.00	Lifetime:	30
Unit Cost:	1.79	Years Remaining:	6 (Observed)
Replacement Cost:	113,661.63	% Used:	80% (Observed)
Unit of Measure:	SF	Year Installed:	1998
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2028	Renewal Action FY:	2028
% Renew:	125.00	Renewal Action Cost:	142,077.03

Description

The building includes a typical lightning protection system. The lightning protection system includes as a minimum: air terminals, equipment connections, down conductors, ground terminals, and cabling.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	260526800040	Grounding rod, copper clad, 8' long, 5/8" diameter	0.60	162.52	Ea.	97.51
RSMEANS2022	U	260526800050	Grounding rod, copper clad, 8' long, 3/4" diameter	0.60	183.23	Ea.	109.94
RSMEANS2022	U	260526800210	Grounding drive studs, 5/8" diameter	0.60	26.22	Ea.	15.73
RSMEANS2022	U	260526800240	Grounding clamp, bronze, 5/8" diameter	0.60	27.34	Ea.	16.40
RSMEANS2022	U	260526809000	Grounding, minimum labor/equipment charge	0.60	199.36	Job	119.62
RSMEANS2022	U	264113130400	Air terminal and base, copper, 3/8" dia x 10", to 75' high	0.60	135.73	Ea.	81.44
RSMEANS2022	U	264113132000	Lightning protection cable, copper, 220 lb per thousand feet, to 75' high	50.00	8.06	L.F.	403.00
RSMEANS2022	U	264113133100	Lightning arrester, 650 V AC to ground	0.30	170.36	Ea.	51.11
Subtotal:							894.75
Adjustment Factor:							2.0000
Total:							1,789.50

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Lightning Protection System - Bldg Under 75' Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2028	142,077.00
Total					142,077.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5092 - Emergency Light and Power Systems	Name:	Automatic Transfer Switch - 80A
Quantity:	1.00	Lifetime:	20
Unit Cost:	9,985.99	Years Remaining:	6 (Observed)
Replacement Cost:	9,985.99	% Used:	70% (Observed)
Unit of Measure:	Each	Year Installed:	2008
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2028	Renewal Action FY:	2028
% Renew:	125.00	Renewal Action Cost:	12,482.49

Description

The emergency power system includes a 480V 80A automatic transfer switch.

Inventory Fields

Inventory Tag Number:	11340	Manufacturer:	Zenth
Model Number:	Not Available	Serial Number:	Not Available

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	263623100200	Automatic transfer switches, enclosed, 3 pole, 480 volt, 60 amp	1.20	4,160.83	Ea.	4,993.00
						Subtotal:	4,993.00
						Adjustment Factor:	2.0000
						Total:	9,986.00

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Automatic Transfer Switch - 80A Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2028	12,482.00
Total					12,482.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5092 - Emergency Light and Power Systems	Name:	Emergency Battery Lamp Ballast
Quantity:	57,641.00	Lifetime:	10
Unit Cost:	0.97	Years Remaining:	6 (Observed)
Replacement Cost:	55,745.76	% Used:	40% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2028	Renewal Action FY:	2028
% Renew:	125.00	Renewal Action Cost:	69,682.20

Description

The emergency lighting system includes select fluorescent lamped light fixtures with emergency battery pack ballasts within the fixture body. System includes emergency battery pack ballasts, test switch and charging indicator lamps. Note: The system has exceeded its expected useful life(EUL), but considering it's in working condition its remaining useful life(RUL) has been extended.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	265213100900	Fluorescent lamp pack, self-contained	1.00	336.43	Ea.	336.43
RSMEANS2022	U	265213109000	Emergency lighting units, minimum labor/equipment charge	0.50	199.36	Job	99.68
RSMEANS2022	A	D50102301240	Branch installation 600 V, including EMT conduit and THW wire, 20 A	5.00	9.49	L.F.	47.45
						Subtotal:	483.56
						Adjustment Factor:	2.0000
						Total:	967.12

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Emergency Battery Lamp Ballast Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2028	69,682.00
Total					69,682.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5092 - Emergency Light and Power Systems	Name:	Emergency Battery Pack Light Unit - Battery
Quantity:	58,756.00	Lifetime:	10
Unit Cost:	0.41	Years Remaining:	3 (Observed)
Replacement Cost:	24,234.50	% Used:	70% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Poor - Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2025	Renewal Action FY:	2025
% Renew:	125.00	Renewal Action Cost:	30,293.12

Description

The emergency lighting system includes the installation of emergency battery pack light units, EBUs, with battery back up/emergency power supply. System includes a nickel cadmium battery pack for operation during loss of electrical power. Note: The system has exceeded its expected useful life(EUL), but considering it's in working condition its remaining useful life(RUL) has been extended.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	R	D50932650020	Replace battery, dry	1.00	206.23	Ea.	206.23
						Subtotal:	206.23
						Adjustment Factor:	2.0000
						Total:	412.46

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Emergency Battery Pack Light Unit - Battery Renewal	Lifecycle	3 - Due within 5 Years of Inspection	System Renewal	Jul 26, 2025	30,293.00
Total					30,293.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5092 - Emergency Light and Power Systems	Name:	Emergency Generator - 35kW
Quantity:	1.00	Lifetime:	20
Unit Cost:	46,560.75	Years Remaining:	13 (Observed)
Replacement Cost:	46,560.75	% Used:	35% (Observed)
Unit of Measure:	Each	Year Installed:	2015
System Condition Rating:	Fair - Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2035	Renewal Action FY:	2035
% Renew:	125.00	Renewal Action Cost:	58,200.94

Description

The building emergency power system includes a diesel fueled emergency generator standby rated at 35kW, 480V, 3 phase, located in out door. System includes, diesel generator, battery charger, silencer/muffler, day tank, feeder connection to automatic transfer switch (ATS).

Inventory Fields

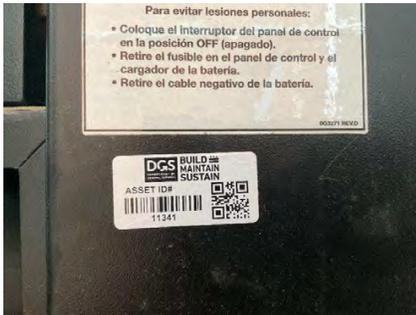
Inventory Tag Number:	11341	Manufacturer:	Generac
Model Number:	SD0035AG174.5D18HBY3	Serial Number:	9600545

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	133423700100	Shelters, aluminum frame, acrylic glazing, 9' x 12' x 8' h	0.50	9,992.05	Ea.	4,996.03
RSMEANS2022	A	D50102300240	Feeder installation 600 V, including RGS conduit and XHHW wire, 100 A	50.00	31.64	L.F.	1,582.00
RSMEANS2022	A	D50902100600	Generator sets, w/battery, charger, muffler and transfer switch, diesel engine with fuel tank, 50 kW	35.00	477.21	kW	16,702.35
Subtotal:							23,280.38
Adjustment Factor:							2.0000
Total:							46,560.76

Linked Photos



Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5092 - Emergency Light and Power Systems	Name:	Exit Signs
Quantity:	59,246.00	Lifetime:	10
Unit Cost:	0.42	Years Remaining:	5 (Observed)
Replacement Cost:	24,799.78	% Used:	50% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2027	Renewal Action FY:	2027
% Renew:	125.00	Renewal Action Cost:	30,999.73

Description

The emergency lighting system includes the installation of CFL lamped exit signs with battery back up. This system includes single and double sided exit signs with battery back up only; associated branch wiring is listed under separate systems. Note: The system has exceeded its expected useful life(EUL), but considering it's in working condition its remaining useful life(RUL) has been extended.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	265213160150	Exit lighting, fluorescent, single face, ceiling or wall mount	0.50	211.09	Ea.	105.55
RSMEANS2022	U	265213160160	Exit lighting, fluorescent, double face, ceiling or wall mount	0.50	207.50	Ea.	103.75
						Subtotal:	209.30
						Adjustment Factor:	2.0000
						Total:	418.60

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Exit Signs Renewal	Lifecycle	3 - Due within 5 Years of Inspection	System Renewal	Jul 26, 2027	31,000.00
				Total	31,000.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5092 - Emergency Light and Power Systems	Name:	Exit Signs - LED
Quantity:	5,300.00	Lifetime:	20
Unit Cost:	0.76	Years Remaining:	11 (Observed)
Replacement Cost:	4,015.25	% Used:	45% (Observed)
Unit of Measure:	SF	Year Installed:	2013
System Condition Rating:	Fair - Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2033	Renewal Action FY:	2033
% Renew:	125.00	Renewal Action Cost:	5,019.07

Description

The emergency lighting system includes the installation of LED lamped exit signs with battery back up. This system includes single and double sided exit signs with battery back up only; associated branch wiring is listed under separate systems.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	265213160200	Exit lighting, LED standard, single face, ceiling or wall mount	0.25	151.56	Ea.	37.89
RSMEANS2022	U	265213160220	Exit lighting, LED standard, double face, ceiling or wall mount	0.25	174.73	Ea.	43.68
RSMEANS2022	U	265213160240	Exit lighting, LED w/ battery unit, single face, ceiling or wall mount	0.25	547.16	Ea.	136.79
RSMEANS2022	U	265213160260	Exit lighting, LED w/ battery unit, double face, ceiling or wall mount	0.25	641.74	Ea.	160.44
Subtotal:							378.80
Adjustment Factor:							2.0000
Total:							757.60

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Exit Signs - LED Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2033	5,019.00
Total					5,019.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	D5092 - Emergency Light and Power Systems	Name:	UPS System - 20kVA - Batteries
Quantity:	8.00	Lifetime:	5
Unit Cost:	5,112.04	Years Remaining:	5 (Observed)
Replacement Cost:	40,896.32	% Used:	0% (Observed)
Unit of Measure:	Each	Year Installed:	2020
System Condition Rating:	Fair	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2027	Renewal Action FY:	2027
% Renew:	125.00	Renewal Action Cost:	51,120.40

Description

The building utilizes a battery back-up, uninterruptable power source (UPS) for temporary power to designated IT, data and computer equipment within the building. System includes a quantity of 4 batteries to allow operation of connected load for a finite amount of time, typically enough to allow an orderly shutdown. UPS is located in IT Rooms. Note: The system has exceeded its expected useful life(EUL), but considering it's in working condition its remaining useful life(RUL) has been extended.

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	263319100710	Nickel iron nife battery, deep cycle, 100Ah, 24V, 10 cells	1.00	2,349.79	Ea.	2,349.79
RSMEANS2022	R	D50932650020	Replace battery, dry	1.00	206.23	Ea.	206.23
Subtotal:							2,556.02
Adjustment Factor:							2.0000
Total:							5,112.04

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
UPS System - 20kVA - Batteries Renewal	Lifecycle	3 - Due within 5 Years of Inspection	System Renewal	Jul 26, 2027	51,120.00
Total					51,120.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Electrical System

Currency: USD

System Uniformat:	G4021 - Fixtures and Transformers	Name:	Site Lighting - Campus Illuminated Signage
Quantity:	1.00	Lifetime:	20
Unit Cost:	38,973.69	Years Remaining:	8 (Observed)
Replacement Cost:	38,973.69	% Used:	60% (Observed)
Unit of Measure:	Each	Year Installed:	2010
System Condition Rating:	Fair - Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2030	Renewal Action FY:	2030
% Renew:	125.00	Renewal Action Cost:	48,717.11

Description

Site lighting includes an illuminated campus identification sign, located at the main entrance to the facility campus. Sign lighting is comprised of internally illuminated signage with integrated LED display. System includes double sided signage, with monument, leg mounting, electrical power circuitry, head end control panel, located at the front lawn.

Inventory Fields

Manufacturer:	Daktronics	Model Number:	Not Available
Serial Number:	Not Available		

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	101419109000	Signs, minimum labor/equipment charge	1.00	159.72	Job	159.72
RSMEANS2022	U	101426100150	Post & panel/pylon signage, alum. panel, 3/16" thk., 81" x 46", interlocking, (2) 96" h al. posts	1.00	2,895.53	Ea.	2,895.53
RSMEANS2022	U	260505503040	Metal light pole, 40' high, electrical demolition, remove, excludes concrete bases	2.00	362.74	Ea.	725.48
RSMEANS2022	U	260926100110	Lighting control relay panel, 8 relay, with timeclock	1.00	2,722.46	Ea.	2,722.46
RSMEANS2022	U	265636550130	LED floodlights, pole mounted, 288 watt, incl ballast and lamp, excl pole	1.00	1,007.66	Ea.	1,007.66
RSMEANS2022	U	275313504200	Clock equipments, wireless digital clock w/ battery operated, excl. wires & conduits	1.00	552.98	Ea.	552.98
RSMEANS2022	U	312316142200	Excavating, chain trencher, utility trench, common earth, 40 HP, 6" wide, 36" deep, operator riding, includes backfill	100.00	1.23	L.F.	123.00
RSMEANS2022	U	312316160020	Structural excavation for minor structures, bank measure, normal soil, pits to 6' deep, hand pits	3.00	169.36	B.C.Y.	508.08

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	312323130100	Backfill, heavy soil, by hand, no compaction	6.00	48.84	L.C.Y.	293.04
RSMEANS2022	U	312323160050	Fill by borrow and utility bedding, for pipe and conduit, crushed or screened bank run gravel, excludes compaction	5.50	52.79	L.C.Y.	290.35
RSMEANS2022	A	D50101301700	Underground service installation, includes excavation, backfill, and compaction, 100' length, 4' depth, 1 phase, 3 wire, 120/240 volts, 100 A	1.00	6,963.67	Ea.	6,963.67
RSMEANS2022	A	G40202100840	Light pole, steel, 20' high, 1 arm bracket	1.00	3,244.88	Ea.	3,244.88
						Subtotal:	19,486.85
						Adjustment Factor:	2.0000
						Total:	38,973.70

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost	
Site Lighting - Campus Illuminated Signage Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2030	48,717.00	
					Total	48,717.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Equipment

Currency: USD

System Uniformat:	E10 - Equipment	Name:	Access Ladder
Quantity:	25.00	Lifetime:	30
Unit Cost:	181.94	Years Remaining:	18 (Observed)
Replacement Cost:	4,548.50	% Used:	40% (Observed)
Unit of Measure:	LF	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2040	Renewal Action FY:	2040
% Renew:	125.00	Renewal Action Cost:	5,685.63

Description

Access ladder is installed.

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	055133130400	Ladder, shop fabricated, aluminum, 20" W, bolted to concrete, excl cage	1.00	90.97	V.L.F.	90.97
						Subtotal:	90.97
						Adjustment Factor:	2.0000
						Total:	181.94

Linked Photos



Access Ladder



Access Ladder

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2010 - Exterior Walls	Name:	Metal Wall Panels - Corrugated Panels - Additional
Quantity:	4,755.00	Lifetime:	60
Unit Cost:	36.78	Years Remaining:	51 (Observed)
Replacement Cost:	174,888.90	% Used:	15% (Observed)
Unit of Measure:	SF	Year Installed:	2013
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2073	Renewal Action FY:	2073
% Renew:	62.50	Renewal Action Cost:	109,305.56

Description

Exterior wall enclosures include metal siding such as corrugated or ribbed materials with backup support and wall insulation.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	A	B20101463350	Metal siding, steel, corrugated or ribbed, 22 ga. .0299" thick, colored	1,000.00	8.80	S.F.	8,800.00
RSMEANS2022	A	B20101545400	Metal siding support, 30' building height, 30 PSF wind load, 20' column spacing	1,000.00	6.40	S.F.	6,400.00
RSMEANS2022	A	B20101545500	Metal siding support, 30' building height, 30 PSF wind load, 20' column spacing, wind columns	1,000.00	3.19	S.F.	3,190.00
						Subtotal:	18,390.00
						Adjustment Factor:	2.0000
						Total:	36,780.00

Linked Photos



Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2010 - Exterior Walls	Name:	Solid Brick Walls
Quantity:	27,860.00	Lifetime:	75
Unit Cost:	104.42	Years Remaining:	10 (Observed)
Replacement Cost:	2,909,141.20	% Used:	87% (Observed)
Unit of Measure:	SF	Year Installed:	1926
System Condition Rating:	Fair - Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2032	Renewal Action FY:	2032
% Renew:	12.50	Renewal Action Cost:	363,642.65

Description

The exterior walls consist of solid brick construction. Note: The system has exceeded it expected useful life. But considering the fair condition of the system, it's remaining useful life has been extended.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	042710301300	Brick walls, alt method of estimating by square foot, common brick, 20.25 brick per square foot, 12" thick wall, incl mortar, 3% brick waste and 25% mortar waste, vertical reinforcement and grout, excl scaffolding & horizontal joint reinforcement	1,000.00	52.21	S.F.	52,210.00
						Subtotal:	52,210.00
						Adjustment Factor:	2.0000
						Total:	104,420.00

Linked Photos



Solid Brick Walls



Solid Brick Walls



Solid Brick Walls

Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Solid Brick Walls Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2032	363,643.00
Total					363,643.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2013 - Exterior Louvers, Screens, and Fencing	Name:	Metal Wall Louvers
Quantity:	250.00	Lifetime:	60
Unit Cost:	162.08	Years Remaining:	48 (Observed)
Replacement Cost:	40,520.00	% Used:	20% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2070	Renewal Action FY:	2070
% Renew:	125.00	Renewal Action Cost:	50,650.00

Description

Exterior louvers include pre-finished metal ventilation louvers with interior screen.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	233715403100	Louver, aluminum, extruded, with screen, mill finish, fixed blade, continuous line, mullion type, stormproof	1,000.00	76.99	S.F.	76,990.00
RSMEANS2022	U	233715405020	Louver, finishes, applied by manufacturer at additional cost, available in colors, prime coat only, add	1,000.00	4.05	S.F.	4,050.00
						Subtotal:	81,040.00
						Adjustment Factor:	2.0000
						Total:	162,080.00

Linked Photos



Metal Wall Louvers



Metal Wall Louvers



Metal Wall Louvers



Metal Wall Louvers

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2020 - Exterior Windows	Name:	Aluminum Windows
Quantity:	8,175.00	Lifetime:	30
Unit Cost:	201.90	Years Remaining:	18 (Observed)
Replacement Cost:	1,650,532.50	% Used:	40% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2040	Renewal Action FY:	2040
% Renew:	125.00	Renewal Action Cost:	2,063,165.63

Description

Exterior windows include aluminum framed exterior units with insulating glass.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	085113102000	Windows, aluminum sash, custom, grade HC, excl. glazing	1,000.00	55.46	S.F.	55,460.00
RSMEANS2022	U	088130100100	Insulating glass, 2 lites, tinted, 1/8" float, 1/2" thick, under 15 SF	1,000.00	45.49	S.F.	45,490.00
						Subtotal:	100,950.00
						Adjustment Factor:	2.0000
						Total:	201,900.00

Linked Photos



Aluminum Windows



Aluminum Windows



Aluminum Windows

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2020 - Exterior Windows	Name:	Curtain Wall System - Standard - Addition
Quantity:	420.00	Lifetime:	30
Unit Cost:	200.92	Years Remaining:	21 (Observed)
Replacement Cost:	84,386.40	% Used:	30% (Observed)
Unit of Measure:	SF	Year Installed:	2013
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2043	Renewal Action FY:	2043
% Renew:	125.00	Renewal Action Cost:	105,483.00

Description

Exterior windows include standard curtain wall window system with insulating glass.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	084413100150	Curtain wall, aluminum, stock, double glazed, including glazing, average	1,000.00	100.46	S.F.	100,460.00
						Subtotal:	100,460.00
						Adjustment Factor:	2.0000
						Total:	200,920.00

Linked Photos



Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2020 - Exterior Windows	Name:	Window Guards - Steel Mesh
Quantity:	750.00	Lifetime:	50
Unit Cost:	61.80	Years Remaining:	38 (Observed)
Replacement Cost:	46,350.00	% Used:	24% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2060	Renewal Action FY:	2060
% Renew:	125.00	Renewal Action Cost:	57,937.50

Description

Exterior windows include steel mesh (e.g. woven or expanded metal mesh) window guards installed on the exterior of the windows.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	055823900015	Window guard, expanded metal, steel angle frame, permanent, shop fabricated	1,000.00	30.90	S.F.	30,900.00
						Subtotal:	30,900.00
						Adjustment Factor:	2.0000
						Total:	61,800.00

Linked Photos



Window Guards - Steel Mesh



Window Guards - Steel Mesh

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2030 - Exterior Doors	Name:	Door Assembly - Pair - Aluminum Storefront
Quantity:	1.00	Lifetime:	30
Unit Cost:	16,402.04	Years Remaining:	18 (Observed)
Replacement Cost:	16,402.04	% Used:	40% (Observed)
Unit of Measure:	Each	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2040	Renewal Action FY:	2040
% Renew:	125.00	Renewal Action Cost:	20,502.55

Description

Exterior doors include a swinging aluminum and glass storefront door and frame assembly. The assembly cost includes standard hardware (e.g. hinges, lockset, closer).

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	A	B20301106450	Door, aluminum & glass, without transom, wide stile, double door, hardware, 6'-0" x 7'-0" opening	1.00	8,201.02	Opng.	8,201.02
						Subtotal:	8,201.02
						Adjustment Factor:	2.0000
						Total:	16,402.04

Linked Photos



Door Assembly - Pair - Aluminum Storefront

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2030 - Exterior Doors	Name:	Door Assembly - Pair - Aluminum Storefront - Addition
Quantity:	2.00	Lifetime:	30
Unit Cost:	16,402.04	Years Remaining:	21 (Observed)
Replacement Cost:	32,804.08	% Used:	30% (Observed)
Unit of Measure:	Each	Year Installed:	2013
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2043	Renewal Action FY:	2043
% Renew:	125.00	Renewal Action Cost:	41,005.10

Description

Exterior doors include a swinging aluminum and glass storefront door and frame assembly. The assembly cost includes standard hardware (e.g. hinges, lockset, closer).

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	A	B20301106450	Door, aluminum & glass, without transom, wide stile, double door, hardware, 6'-0" x 7'-0" opening	1.00	8,201.02	Opng.	8,201.02
						Subtotal:	8,201.02
						Adjustment Factor:	2.0000
						Total:	16,402.04

Linked Photos



Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2030 - Exterior Doors	Name:	Door Assembly - Pair - Glazed Hollow Metal
Quantity:	5.00	Lifetime:	30
Unit Cost:	14,734.72	Years Remaining:	18 (Observed)
Replacement Cost:	73,673.60	% Used:	40% (Observed)
Unit of Measure:	Each	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2040	Renewal Action FY:	2040
% Renew:	125.00	Renewal Action Cost:	92,092.00

Description

Exterior doors include a swinging glazed hollow metal door and frame assembly; painted. The assembly cost includes standard hardware (e.g. hinges, lockset, closer).

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	081313131212	Hollow metal, for vision lite add	2.00	338.27	Ea.	676.54
RSMEANS2022	A	B20302203700	Door, steel 18 gauge, hollow metal, 2 doors with frame, no label, 6'-0" x 7'-0" opening	1.00	6,690.82	Opng.	6,690.82
						Subtotal:	7,367.36
						Adjustment Factor:	2.0000
						Total:	14,734.72

Linked Photos



Door Assembly - Pair - Glazed Hollow Metal



Door Assembly - Pair - Glazed Hollow Metal

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B2030 - Exterior Doors	Name:	Door Assembly - Single - Glazed Hollow Metal
Quantity:	5.00	Lifetime:	30
Unit Cost:	7,511.34	Years Remaining:	18 (Observed)
Replacement Cost:	37,556.70	% Used:	40% (Observed)
Unit of Measure:	Each	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2040	Renewal Action FY:	2040
% Renew:	125.00	Renewal Action Cost:	46,945.88

Description

Exterior doors include a swinging glazed hollow metal door and frame assembly; painted. The assembly cost includes standard hardware (e.g. hinges, lockset, closer).

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	081313131212	Hollow metal, for vision lite add	1.00	338.27	Ea.	338.27
RSMEANS2022	A	B20302203450	Door, steel 18 gauge, hollow metal, 1 door with frame, no label, 3'-0" x 7'-0" opening	1.00	3,417.40	Opng.	3,417.40
						Subtotal:	3,755.67
						Adjustment Factor:	2.0000
						Total:	7,511.34

Linked Photos



Door Assembly - Single - Glazed Hollow Metal

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B30 - Roofing	Name:	BUR (Built-Up Roofing)
Quantity:	13,577.00	Lifetime:	20
Unit Cost:	22.63	Years Remaining:	8 (Observed)
Replacement Cost:	307,269.23	% Used:	60% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Fair - Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2030	Renewal Action FY:	2030
% Renew:	125.00	Renewal Action Cost:	384,086.54

Description

The roof coverings include built-up roofing system with deck insulation. Price also includes flashing and some pitch pockets.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	077116200100	Pitch pockets, adjustable, welded corners, 4" to 7", 4" deep	5.00	42.22	Ea.	211.10
RSMEANS2022	A	B30101053300	Roofing, asphalt flood coat, smooth, coated glass fiber base sheet, 3 plies glass fiber, mopped	1,000.00	3.35	S.F.	3,350.00
RSMEANS2022	A	B30103202000	Insulation, rigid, roof deck, extruded polystyrene, 25 PSI compressive strength, 3" thick, R15	1,000.00	3.23	S.F.	3,230.00
RSMEANS2022	A	B30103202150	Insulation, rigid, roof deck, extruded polystyrene, 25 PSI, tapered for drainage	250.00	1.23	S.F.	307.50
RSMEANS2022	A	B30104201500	Roof edges, aluminum, duranodic, .050" thick, 8" face	130.00	32.44	L.F.	4,217.20
Subtotal:							11,315.80
Adjustment Factor:							2.0000
Total:							22,631.60

Linked Photos



BUR (Built-Up Roofing)



BUR (Built-Up Roofing)



BUR (Built-Up Roofing)





Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
BUR (Built-Up Roofing) Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2030	384,087.00
Total					384,087.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B30 - Roofing	Name:	Metal Roofing - Batten Seam
Quantity:	24,286.00	Lifetime:	75
Unit Cost:	43.50	Years Remaining:	63 (Observed)
Replacement Cost:	1,056,441.00	% Used:	16% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2085	Renewal Action FY:	2085
% Renew:	125.00	Renewal Action Cost:	1,320,551.25

Description

The roof coverings include formed metal roofing, such as batten seam metal, with insulation.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	A	B30101352100	Formed roofing, zinc-copper alloy, batten seam, 3" min slope, .032" thick, 1.41 PSF	1,000.00	17.92	S.F.	17,920.00
RSMEANS2022	A	B30103204030	Insulation, rigid, roof deck, composite with 1-1/2" polyisocyanurate, 7/16" OSB	1,000.00	3.83	S.F.	3,830.00
						Subtotal:	21,750.00
						Adjustment Factor:	2.0000
						Total:	43,500.00

Linked Photos



Metal Roofing - Batten Seam



Metal Roofing - Batten Seam



Metal Roofing - Batten Seam

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B30 - Roofing	Name:	Single-Ply EPDM with Pavers on Roof - Addition
Quantity:	5,300.00	Lifetime:	25
Unit Cost:	97.90	Years Remaining:	21 (Observed)
Replacement Cost:	518,883.67	% Used:	16% (Observed)
Unit of Measure:	SF	Year Installed:	2018
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2043	Renewal Action FY:	2043
% Renew:	125.00	Renewal Action Cost:	648,604.59

Description

The roof covering includes pavers on a plaza which is also the roof of the structure below.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
CUSTOM	N	A B30103201200	Insulation, rigid, roof deck, foamglass, tapered for drainage	250.00	2.79	S.F.	697.50
RSMEANS2022	A	B30101203300	Roofing, single ply membrane, EPDM, 60 mils, fully adhered	1,000.00	2.33	S.F.	2,330.00
RSMEANS2022	A	B30103201840	Insulation, rigid, roof deck, extruded polystyrene, 15 PSI compressive strength, 3" thick, R15	1,000.00	2.37	S.F.	2,370.00
RSMEANS2022	A	B30104300150	Flashing, aluminum, no backing sides, .050"	83.00	11.13	S.F.	923.79
RSMEANS2022	A	G20301501400	Plaza, asphalt pavers, 6" x 12" x 3" thick, suspended slab, insulation and mastic bedding	1,000.00	42.63	S.F.	42,630.00
						Subtotal:	48,951.29
						Adjustment Factor:	2.0000
						Total:	97,902.58

Linked Photos



Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B3021 - Glazed Roof Openings	Name:	Skylights - Dome Types
Quantity:	40.00	Lifetime:	25
Unit Cost:	394.98	Years Remaining:	13 (Observed)
Replacement Cost:	15,799.20	% Used:	48% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Fair - Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2035	Renewal Action FY:	2035
% Renew:	125.00	Renewal Action Cost:	19,749.00

Description

Skylights, plastic domes, insulated curbs, double glazing.

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	A	B30201105200	Skylight, plastic domes, insulated curbs, nominal size to 10 SF, double glazing	1.00	51.36	S.F.	51.36
RSMEANS2022	A	B30201105400	Skylight, plastic domes, insulated curbs, 10 SF to 20 SF, double glazing	1.00	45.96	S.F.	45.96
RSMEANS2022	A	B30201105600	Skylight, plastic domes, insulated curbs, 20 SF to 30 SF, double glazing	1.00	47.42	S.F.	47.42
RSMEANS2022	A	B30201105800	Skylight, plastic domes, insulated curbs, 30 SF to 65 SF, double glazing	1.00	52.75	S.F.	52.75
						Subtotal:	197.49
						Adjustment Factor:	2.0000
						Total:	394.98

Linked Photos



Skylights - Dome Types



Skylights - Dome Types

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Exterior Enclosure

Currency: USD

System Uniformat:	B3022 - Roof Hatches	Name:	Roof Hatch
Quantity:	1.00	Lifetime:	40
Unit Cost:	3,068.04	Years Remaining:	28 (Observed)
Replacement Cost:	3,068.04	% Used:	30% (Observed)
Unit of Measure:	Each	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2050	Renewal Action FY:	2050
% Renew:	125.00	Renewal Action Cost:	3,835.05

Description

Roof hatch with insulated curb.

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	A	B30202100200	Roof hatch, with curb, 1" fiberglass insulation, 2'-6" x 3'-0", aluminum	1.00	1,534.02	Opng.	1,534.02
						Subtotal:	1,534.02
						Adjustment Factor:	2.0000
						Total:	3,068.04

Linked Photos



Roof Hatch

Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Fire Protection

Currency: USD

System Uniformat:	D40 - Fire Protection	Name:	Fire Extinguishers - Dry Chem w/Cabinet (SF)
Quantity:	63,516.00	Lifetime:	30
Unit Cost:	0.06	Years Remaining:	18 (Observed)
Replacement Cost:	3,961.95	% Used:	40% (Observed)
Unit of Measure:	SF	Year Installed:	2010
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2040	Renewal Action FY:	2040
% Renew:	105.00	Renewal Action Cost:	4,160.05

Description

Handheld type dry chemical fire extinguishers are located throughout the building. Includes cabinets.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	104413531100	Fire equipment cabinets, portable extinguisher, single, steel box, recessed, D.S. glass in door, steel door & frame, 8" x 12" x 27", excludes equipment	0.09	277.79	Ea.	25.00
RSMEANS2022	U	104416131080	Fire extinguishers, dry chemical, pressurized, standard type, portable, painted, 10 lb	0.09	68.75	Ea.	6.19
						Subtotal:	31.19
						Adjustment Factor:	2.0000
						Total:	62.38

Linked Photos



Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Fire Protection

Currency: USD

System Uniformat:	D40 - Fire Protection	Name:	Wet Sprinkler System - Ordinary Hazard
Quantity:	5,300.00	Lifetime:	35
Unit Cost:	16.83	Years Remaining:	26 (Observed)
Replacement Cost:	89,180.49	% Used:	26% (Observed)
Unit of Measure:	SF	Year Installed:	2013
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2048	Renewal Action FY:	2048
% Renew:	125.00	Renewal Action Cost:	111,475.62

Description

The fire protection systems include an ordinary hazard wet fire sprinkler system with backflow protection and standpipes, but no fire pump.

System Costs

Unit Cost Basis: 1,000.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	221119421420	Backflow preventer, double check principle, corrosion resistant, automatic operation, OS&Y valves, flanged, 6" pipe size, includes valves and four test cocks	0.10	7,995.68	Ea.	799.57
RSMEANS2022	A	D40104101060	Wet pipe sprinkler systems, steel, ordinary hazard, 1 floor, 5000 SF	500.00	5.98	S.F.	2,990.00
RSMEANS2022	A	D40104101200	Wet pipe sprinkler systems, steel, ordinary hazard, each additional floor, 5000 SF	500.00	4.47	S.F.	2,235.00
RSMEANS2022	A	D40203100600	Wet standpipe risers, class I, steel, black, sch 40, 6" diam pipe, 1 floor	0.10	19,039.88	Ea.	1,903.99
RSMEANS2022	A	D40203100620	Wet standpipe risers, class I, steel, black, sch 40, 6" diam pipe, additional floors	0.10	4,846.98	Ea.	484.70
						Subtotal:	8,413.26
						Adjustment Factor:	2.0000
						Total:	16,826.52

Linked Photos



Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Fire Protection

Currency: USD

System Uniformat:	D4011 - Sprinkler Water Supply	Name:	Sprinkler System - Backflow Preventer 4"
Quantity:	1.00	Lifetime:	30
Unit Cost:	11,091.20	Years Remaining:	21 (Observed)
Replacement Cost:	11,091.20	% Used:	30% (Observed)
Unit of Measure:	Each	Year Installed:	2013
System Condition Rating:	Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2043	Renewal Action FY:	2043
% Renew:	110.00	Renewal Action Cost:	12,200.32

Description

The building sprinkler water distribution system includes a 4" backflow preventer.

Inventory Fields

Inventory Tag Number:	11330	Manufacturer:	Apollo Valves
Model Number:	DC4A	Serial Number:	28388

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	221119421400	Backflow preventer, double check principle, corrosion resistant, automatic operation, OS&Y valves, flanged, 4" pipe size, includes valves and four test cocks	1.00	5,545.60	Ea.	5,545.60
						Subtotal:	5,545.60
						Adjustment Factor:	2.0000
						Total:	11,091.20

Linked Photos



Linked Requirements

No linked requirements.

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: Fire Protection

Currency: USD

System Uniformat:	D4095 - Hood and Duct Fire Protection	Name:	Fire Suppression System - Commercial Kitchen Hood
Quantity:	1.00	Lifetime:	20
Unit Cost:	17,050.17	Years Remaining:	8 (Observed)
Replacement Cost:	17,050.17	% Used:	60% (Observed)
Unit of Measure:	Each	Year Installed:	2010
System Condition Rating:	Fair - Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2030	Renewal Action FY:	2030
% Renew:	125.00	Renewal Action Cost:	21,312.71

Description

System includes a chemical fire suppression system for a commercial kitchen exhaust hood. Fire suppression includes fusible links, manual pull stations, 3 gallon R-102 suppression agent tanks, nozzles, and control panels. Hood not included in this System.

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	U	233813107860	Range hood & CO2 system, commercial kitchen equipment, 30"	1.50	5,683.39	Ea.	8,525.09
						Subtotal:	8,525.09
						Adjustment Factor:	2.0000
						Total:	17,050.18

Linked Photos



Linked Requirements

Name	Category	Priority	Inspector	Action Date	Cost
Fire Suppression System - Commercial Kitchen Hood Renewal	Lifecycle	4 - Due within 10 Years of Inspection	System Renewal	Jul 26, 2030	21,313.00
				Total	21,313.00

Region: DC DGS
Agency: DC Public Schools

Building: Whittier Education Campus
Building Number: WHITT77_2022

System Group: HVAC System

Currency: USD

System Uniformat:	D2010 - Plumbing Fixtures	Name:	Water Coolers - Wall-Mounted
Quantity:	10.00	Lifetime:	20
Unit Cost:	5,125.42	Years Remaining:	8 (Observed)
Replacement Cost:	51,254.20	% Used:	60% (Observed)
Unit of Measure:	Each	Year Installed:	2010
System Condition Rating:	Fair - Good	Date Inspected:	Jul 26, 2022
		SCI:	0.00

Renewal

Modeled Renewal FY:	2030	Renewal Action FY:	2030
% Renew:	125.00	Renewal Action Cost:	64,067.75

Description

Plumbing fixtures include wall hung wheelchair type individual water coolers.

Inventory Fields

Manufacturer: Elkay

System Costs

Unit Cost Basis: 1.00

Cost Source	Class	Code Label	Description	Quantity	Unit Cost	Unit	Total Cost
RSMEANS2022	A	D20108201920	Water cooler, electric, wall hung, wheelchair type, 7.5 GPH	1.00	2,562.71	Ea.	2,562.71
						Subtotal:	2,562.71
						Adjustment Factor:	2.0000
						Total:	5,125.42

Linked Photos