

### 2022 School Facilities Inventory Report

Facility Name: **HARTFORD SD | HARTFORD MEM MIDDLE SCHOOL | 245 HIGHLAND AVENUE, WHITE RIVER JCT 5001 - Combination (6 thru 8) - Main Building**

March 29, 2022

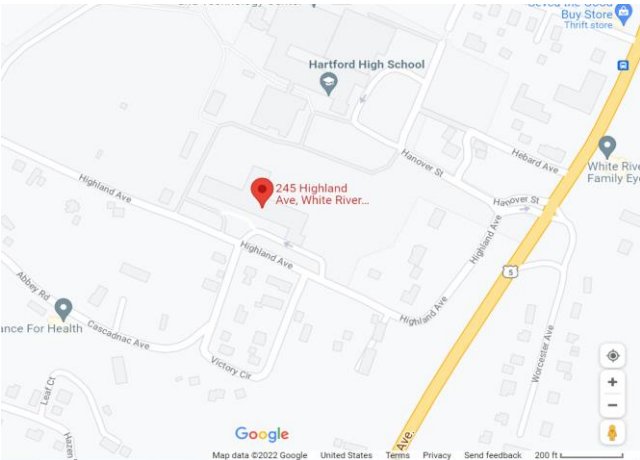
Total Value of Assets (Does Not Include Site/Structure/Walls/Interiors) **\$6,328,853**



GPS: 43.656566559231706, -72.31993900277304

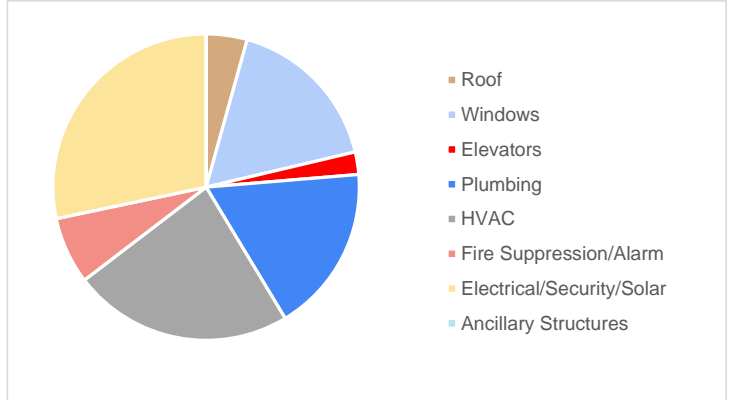


Site Plan - Google Earth



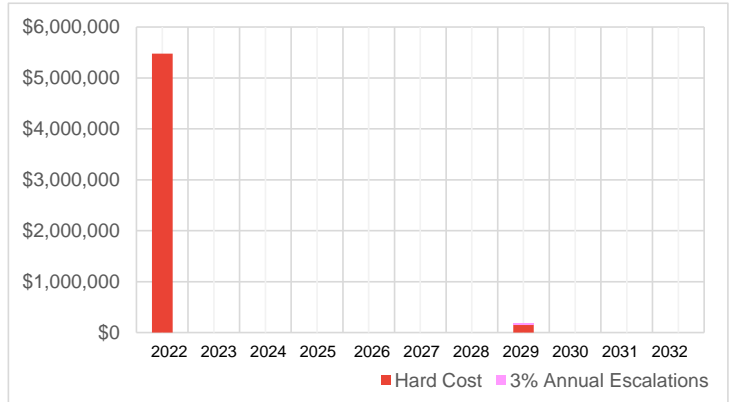
Location Plan - Google Maps

#### Relative Asset Values

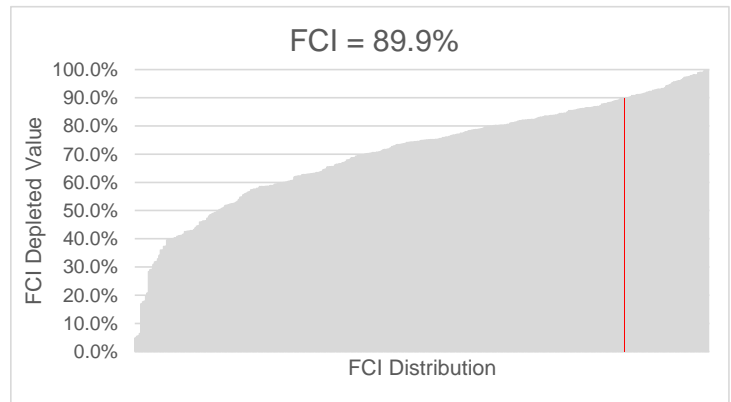


Value of Assets/GSF **\$84.79**

#### Projected Capital Planning Cash Flow



#### Facility Condition Index (FCI) Compared to Portfolio



(See Last Page for Explanation of Terms)

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#### Respondent Information

Date/Time Completed **2022-01-19 - 2:24 PM**  
 Respondent Name **JONathan Garthwaite**  
 Respondent Title **Director of Buildings and Grounds**  
 Respondent Email **garthwaitej@hartfordschools.net**  
 Respondent Phone Number **(802) 359-4610**

#### Facility Information

School Type **Combination (6 thru 8)**  
 Building Identification **Main Building**  
 Stories **3**  
 Building Area **74641 (Gross Square Footage - GSF)**  
 Year Constructed **1958**  
 Year of Last Major Renovation **N/A**  
 FCI (Depleted Value) **89.8%**

#### Environmental & Safety Issues

Hazardous Materials **Maybe**   
 Hazardous (HZD) Materials include **Asbestos containing materials (ACM), Lead paint**  
 HZD Issues are **Minor**  
 HZD Issues include **Suspect materials from construction**

Indoor Air Quality (IAQ) Issues **No**  
 IAQ Issues include -  
 IAQ Issues are -  
 IAQ Issues include -

Fire or Life/Safety (FL/S) Issues **No**  
 FL/S Issues are -

Other Risk Factors **No**  
 Other Risk Factors include -  
 Other Risk Factors are -

#### Handicap Accessibility (ADA) Issues

Handicap Accessibility (ADA) Issues **No**  
 ADA Issues are **N/A**  
 ADA Issues include **N/A**

#### Utilities - Adequacy

IT / Internet Service **Adequate**  
 Building Wi-Fi Coverage **Adequate**  
 Cellular Reception **Adequate**  
 Water Service Pressure **Adequate**  
 Natural Gas/Propane Pressure **Adequate**  
 Electrical Capacity **Adequate**

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#### Building Envelope - Roof

Roof 1 is <b>Single-Ply EPDM/TPO/PVC Membrane</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>100%</b>						
Installed in <b>2020</b>	20	18	\$11.00 / SF	24,880	SF	\$273,684
Roof 2 is -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>0%</b>						
Installed in -	-	N/A	- / -	-	-	\$0
Roof 3 is -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>0%</b>						
Installed in -	-	N/A	- / -	-	-	\$0
Roof 4 is -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Covers <b>0%</b>						
Installed in -	-	N/A	- / -	-	-	\$0

#### Building Envelope - Windows

Primary Window System <b>Window, Metal-Frame</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
% of Windows That are this Type <b>100%</b>						
Installed in <b>1992</b>	30	0	\$60.00 / SF	17,914	SF	\$1,074,830
Secondary Window System -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
% of Windows That are this Type <b>0%</b>						
Installed in -	-	N/A	- / -	-	-	\$0

#### Services - Elevators

Primary Conveyance/Elevators <b>Elevator, Hydraulic, Machine/Controller/Cab</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Quantity of Stops <b>3</b>						
Installed in <b>1958</b>	30	-34	\$25,000.00 / STOP	3	STOP	\$75,000
Secondary Conveyance/Elevators <b>Elevator, Hydraulic, Machine/Controller/Cab</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Quantity of Stops <b>3</b>						
Installed in <b>2018</b>	30	26	\$25,000.00 / STOP	3	STOP	\$75,000

#### Services - Plumbing

Primary Plumbing System <b>Supply &amp; Sanitary, Medium Density (Includes Fixtures)</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>100%</b>						
Installed in <b>1958</b>	40	-24	\$15.00 / GSF	74,641	GSF	\$1,119,615
Secondary Plumbing System -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>0%</b>						
Installed in -	-	N/A	- / -	-	-	\$0

#### Services - Cooling - Central System

Primary Central Cooling System <b>None</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>0%</b>						
Installed in -	-	N/A	- / -	-	-	\$0
Secondary Plumbing System -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>0%</b>						
Installed in -	-	N/A	- / -	-	-	\$0

#### Services - Heating - Central System

Primary Heating System <b>Boiler(s)/System - Fuel Oil</b>	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>100%</b>						
Installed in <b>2010</b>	30	18	\$60.00 / MBH	2,133	MBH	\$127,956
Secondary Heating System -	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Area of building served <b>0%</b>						
Installed in -	-	N/A	- / -	-	-	\$0

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#### Services - HVAC Distribution

Primary HVAC Distribution System **Forced Air System (AHUs, Ductwork, VAVs), 2-Pipe System**

Area of building served	100%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	1993	30	1	\$18.00 / GSF	74,641	GSF	\$1,343,538

Secondary HVAC Distribution System -

Area of building served	0%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	-	-	N/A	- / -	-	-	\$0

#### Services - Package Systems

Primary HVAC Package Unit & Splits **None**

Area of building served	0%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	-	-	N/A	- / -	-	-	\$0

Secondary HVAC Package Unit & Splits -

Area of building served	0%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	-	-	N/A	- / -	-	-	\$0

#### Services - Fire Suppression

Primary Fire Suppression System **Sprinkler System, Medium Density/Complexity**

Area of building served	60%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	1958	40	-24	\$5.00 / GSF	44,785	GSF	\$223,923



Secondary Fire Suppression System -

Area of building served	0%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	-	-	N/A	- / -	-	-	\$0

#### Services - Fire Alarm System

Primary Fire Suppression System **Modern Addressable Fire Alarm System**

Area of building served	100%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	2014	20	12	\$3.00 / SF	74,641	SF	\$223,923

Secondary Fire Suppression System -

Area of building served	0%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	-	-	N/A	- / -	-	-	\$0

#### Services - Security Systems

Primary Security & Low Volt System **Security & Low Voltage Systems - Average**

Area of building served	50%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	2015	15	8	\$4.00 / GSF	37,321	GSF	\$149,282

Secondary Security & Low Volt System -

Area of building served	0%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	-	-	N/A	- / -	-	-	\$0

#### Services - Electrical Distribution/Infrastructure

Electrical Distribution/Infrastructure **Main Distribution Panel w/Sub Panels and Generator/UPS - Medium Density**

Area of building served	100%	EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
Installed in	1958	40	-24	\$22.00 / GSF	74,641	GSF	\$1,642,102



#### Services - Solar Power (PV)

Solar (Electric Generation) Provided **None**

Owned/Maintained by School -

Quantity of Panels 0

Installed in -

Value of Solar PV Panels: -

EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
-	N/A	- / -	-	-	\$0

#### Ancillary Structures

Ancillary Structures **None**

Total SF of Ancillary Structures -

Installed in -

EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
-	N/A	- / -	-	-	\$0

Secondary Ancillary Structures -

Total SF of Secondary Ancillary Structures 0

Installed in -

EUL	C-RUL	Cost / Unit	Quantity	Units	Total Value
-	N/A	- / -	-	-	\$0

#### Additional Comments

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## Explanation of Terms

<b>Projected Capital Planning Cash Flow</b>	The estimated replacement costs of systems as they expire annually.
<b>Facility Condition Index (FCI)</b>	The cost -weighted depleted value of the building compared to the total value of all its systems; overall percent of building useful life consumed by years in service.
<b>Total Value of Assets</b>	The total estimated replacement cost of all the assets listed in the form.
<b>Value of Assets per GSF</b>	The Total Value of all Assets in the form divide by the Gross Square Footage (GSF) of the building.
<b>Facility Condition Index (FCI) Compared to Portfolio</b>	The Facility Condition Index (FCI) of the building overlaid on the chart of FCI's for all buildings in the portfolio. Indicated by a red line in the chart.
<b>Calculated Remaining Useful Life( C-RUL)</b>	The current number of remaining years a system may be expected to perform in designed service.
<b>Expected Useful Life (EUL)</b>	The total number of years a system can be expected to perform in designed service when new.
<b>Gross Square Footage (GSF)</b>	The total square footage contained within the building for all floors/levels.
<b>Cost per Unit</b>	The estimated base cost for a single unit of a system. When multiplied by Quantity results in the total system cost.
<b>Quantity</b>	The amount of a system present in a building. When multiplied by the Cost per Unit results in the total system cost.
<b>Units</b>	The expressed unit of measure for a given system (GSF, EACH, TON, etc).
<b>Ancillary Structures</b>	Buildings on site that are typically known as portables, relocatables or temporary buildings.