



* Milwaukee Fire Department

Capital Improvement Committee Asset Overview

2011

*41 Structures

35 Fire Stations + 1 Leased

Repair Facilities

Primary Repair Building

Butler Building

Cold Storage Building

***Asset Overview**

*41 Structures (CONTINUED)

Fire & EMS Training Facilities

Recruit Training Building (w/
Pump Testing Facility)

Fire Training Tower

**Fire Education and Historical
Museum**

* **Asset Overview**

- * Average Age of Structures - 57 years
- * Oldest Structure - Engine 1 - 140 years
- * Newest Structure - Engine 35 - 14 years

* Asset Overview

*Age Groupings

0-25 years old - 4 Structures

26-50 years old - 18 Structures

51-75 years old - 8 Structures

76-100 years old - 5 Structures

+100 years old - 6 Structures

*Asset Overview

*Basemented Apparatus Floors

15 Total Stations impacted

4 - Minor Aesthetic Issues

7 - Require More Intensive Eval

1 - Shored Up, Needs Replacement

*Asset Overview

*Fixed Auxiliary Generators

22 Placed and Working

2 Pending in 2012

*Asset Overview

*Fueling Sites

21 Total Fill Sites

18 Diesel

6 Unleaded

2 Dual

All meet Comm 10 Standards as of 2011

16 placed at Stations w/ Aux. Generators

*Asset Overview

*Energy Use Reduction Initiatives

Fire Station Energy Audits

- Working w/ OES (7 Stations)

Solar Hot Water Heaters

- 4 Installed
- 3 Underway or slated for 2012
- 4 in RFP stage

*Asset Overview

- * Facility Inventory - CIP Integration
 - Major Capital 20 YEAR Replacement Schedule
 - Paperless Integration for Facility Tracking

- * Energy Reduction Team
 - Active Sustainability Improvements
 - Intensive Energy Reduction Audits

- * Replacement Study
 - Collective asset replacement study ongoing

* **Asset Plan**

20 Year Capital Budget Plan

Legend:

FI = Floor Replace/Inspection	PT = Paint/Inspection	WH = Hot Water Heater Replace/Inspection
RI = Roof Replace/Inspection	A/C = Air Conditioner Replace/Inspection	FDI = Foundation Inspection
EU = Electric Upgrade/Inspection	OHD = Overhead Door Replace/Inspection	FL = Floor Replace/Inspection
HVAC = HVAC Replace/Inspection	WD = Window Replace/Inspection	MD = Mold
BI = Boiler Replace/Inspection	APF = Apparatus Floor Study/Inspection/Replace	
TP = Tuck Point/Inspection	DI = Door Replace/Inspection	

House	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Eng 1	FI, A/C										
Eng 2& Admin	FI, A/C, WD										
Eng 3				RI							
Eng 4	TP	HVAC					RI				
Eng 5		EU									
Eng 6	APF										
Eng 7	PT	EU									
Eng 8	EU	WH	BI				RI				
Eng 9	FDI, RI										
Eng 10	RI	EU									
Eng 11	RI										
Eng 12										RI	
Eng 13		RI									
Eng 14			RI		RI						
Eng 16			RI								
Eng 17	FL, A/C	EU									
Eng 18		RI									
Eng 21	DI	WH	PT, WD, DI		EU					RI	
Eng 22	RI, PT	WD, DI	EU								
Eng 23			RI							RI	
Eng 24		EU				RI					
Eng 25											RI
Eng 26		EU			RI						
Eng 27		RI									
Eng 28	RI		EU								
Eng 29						RI					
Eng 30	WH, RI	BI		HVAC	RI	PT					
Eng 31	DI	FDI		WH							
Eng 32	RI										
Eng 33											
Eng 34	FL, A/C, RI	OHD	EU								
Eng 35				RI							
Eng 36				RI							
Eng 37					RI						
Eng 38	RI										
Eng 39						RI					
Burn Tower											
Shop											
Recruit Train											

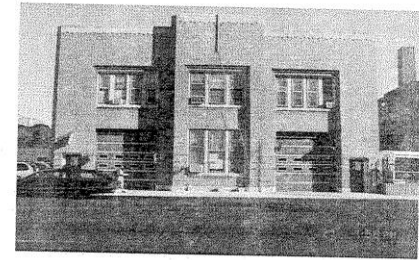


Asset Plan (DRAFT)

Engine 1

Address 784 N Broadway
Year Built 1872
Building Area 14,095 SF
Lot Area
Roof Area 7,048 SF
Floors 2
Foundation Slab
Exterior Wall

Insurance Value: \$2,179,892



Surface Brick
Frame Steel
Windows Double hung, aluminum, thermo
Floors Vinyl, wood & Tile
Electrical Main Switch 400 Amp 3 Phase
S & D Voltage 120/208
Heating Boiler, Steam
Cooling Window Air system
Ventilation Roof/Wall Exhaust Fans
Roof Flat, Wood Decking & Frame, Ballasted

	<u>Year Installed</u>	<u>Quantity</u>	<u>Condition</u>	<u>Model/Make</u>	<u>Serial #</u>	<u>Life Of Component</u>
Boiler	2002	2	Good	5007N/Burnham	64468945/64468942	
Water Heater		1	Good	BT80/AO Smith	MA97 - 0620068 - 230	
A/C Unit				Window Units		
HVAC System	N/A					
Concrete			Good			
Landscape			N/A			
Foundation			Good			
Exterior Wall			Good			
Roof	2010	1	Excellent	EPDM/Membrane	Garland	30 yr Warranty
Interior Walls/Paint			Fair			
Flooring			Fair			
Generator			N/A			
Windows			Good			
Door(s)			Good			
Overhead Door(s)			Good			

*** Asset Plan (DRAFT)**