

Chief
Mark Rohlfsing

Assistant Chief
Support Bureau
Gerard Washington

Battalion Chief
Construction & Maintenance Division
Dale Schwark

Fire Equipment Repair Manager
Michael Reid



* Milwaukee Fire Department

Capital Improvement Committee Presentation

2013

*41 Structures

35 Fire Stations + 1 Leased

Repair Facilities

Primary Repair Building

Butler Building

Cold Storage Building

*Facility Overview



*41 Structures (CONTINUED)

Fire & EMS Training Facilities

Recruit Training Building (w/
Pump Testing Facility)

Fire Training Tower (Inspection
scheduled for 12/19/2013)

**Fire Education and Historical
Museum**

*Facility Overview

- *Average Age of Structures - 58 years
- *Oldest Structure - Engine 1 - 142 years
- *Newest Structure - Engine 35 - 16 years

*Facility Overview

*Age Groupings

0-25 years old - 4 Structures

26-50 years old - 17 Structures

51-75 years old - 9 Structures

76-100 years old - 3 Structures

100+ years old - 8 Structures

*Facility Overview

* Facility Inventory - CIP Integration (2012)

Major Capital 20 YEAR Replacement Schedule

Paperless Integration for Facility Tracking - Manager Plus

* Replacement Study

Collective asset replacement study

Meeting 12-4-2013 to determine scope

Completion in 6 months

* Facility Plan

<u>House</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Eng 1	FI, A/C, TP	EU, OHD, DI	WH, CC
Eng 2& Admin	FI, A/C, WD		PT
Eng 3			
Eng 4	TP	CC	WH
Eng 5	TP, CC	HVAC(I), CC	
Eng 6	APF, PT, FDI	EU, TP, APF, CC	A/C, APF
Eng 7	PT, MD	EU, APF, A/C	
Eng 8	EU, FL	WH, FL, BI, PT, DI	TP, WD, DI, A/C
Eng 9	FDI, RI	CC, FDI, DI	OHD, BI, HW
Eng 10	WH, RI	EU, APF, PT, RI	

Work Needed

Work Completed

Work in Progress

Temp Repairs

* 20 year Facilities
Forecast

Toepfer (Admin Access) (DPW Contract)	\$ 6,235.00			
E38 Roof (Christianson) (DPW Contract)	\$ 7,689.00			
Arteaga Const. E14 Tuck (DPW Contract)	\$ 31,500.00			
Shop Zimmerman II (DPW Contract)				
Masonry Restoration	\$ 2,200.00			
Ziad (ZS LLC) Req#12218 Floor Shoring	\$ 15,000.00			
Petroleum Equipment(Invs# C4510/Cards)	\$ 4,702.92			
IRI for Cad Update	\$ 1,603.59			
IRI reimbursement (See Emma)	\$ (1,603.59)			
Shop Exhaust	\$ 1,298.10			
E25 Roof Christiansen Roof Inv#PS-INV25810	\$ 2,250.00			
E26 Roof Christiansen Roof Inv#PS-INV25814	\$ 764.00			
E16 Roof Christiansen Roof Inv#PS-INV25813	\$ 325.00			
E29 Roof Christiansen Roof Inv#PS-INV25809	\$ 2,245.00			
E31 - Wagner Plumb Inv#79828	\$ 2,800.00			
E27 - Door Pro T5 Door Operator Inv#26345	\$ 2,645.00			
E10 - Tuck Point - Arteaga - DPW Contract	\$ 23,800.00			
Admin Carpet - Stu's Inv#J5016 E12300	\$ 14,964.50			
E2 Door Pros - Inv326407 - WO#7076	\$ 3,041.50			
E31 HVAC Automated Logic (DPW)	\$ 6,775.00			
E25 Retaining Wall (DPW) RD Construction	\$ 9,872.00			
IRI S51418203 Roof Projects	\$ 6,253.49			
E6 Shoring - Safway - DPW PO	\$ 20,087.76			
E7 Shoring - Safway - DPW PO	\$ 12,196.84			
E34 Shoring - Safway - DPW PO	\$ 12,196.84			
E16 Roof Christiansen Inv#PS-INV26455	\$ 937.00			
E32 Roof Christiansen Inv#PS-INV26461	\$ 1,583.00			
E39 Roof Christiansen Inv#PS-INV26453	\$ 505.00			
Admin/Corporate Design Inv#12847	\$ 16,641.79			
Admin/Corporate Design Inv#12848	\$ 10,238.81			
Admin/Corporate Design Inv#12849	\$ 13,057.56			
Burn Tower Arteaga (DPW Contract)	\$ 28,798.00			
E32 Roof (DPW PO)	\$ 63,018.24	\$ 100,000.00	\$ 13,542.76	
E10 Roof (DPW PO)			\$ 89,877.00	
E22 Roof (DPW PO)			\$ 127,275.00	
E34 Roof (DPW PO)			\$ 103,268.00	
Admin A/C - Teko Inv#16594 8/30/13			\$ 4,800.00	
IRI Elec Srv #S51418558 (Gen E21,E8, E24)				\$ 19,996.50
IRI S51418559 Roof Projects			\$ 6,670.67	
	\$ 323,621.35	\$ 100,000.00	\$ 345,433.43	\$ 19,996.50
	\$			789,051.28

<u>House</u>	<u>2014 Projects</u>
Engine 1	Water heater, Concrete replace/inspection
Engine 2 /Admin.	Paint/inspection (8yrs)
Engine 3	
Engine 4	Water heater
Engine 5	
Engine 6	A/C, Apparatus floor replace/inspection
Engine 7	
Engine 8	Tuck point/inspection, Window replace/inspection, Door replace/Inspection, A/C
Engine 9	Overhead doors, Boiler replace/inspection, Water heater
Engine 10	
Engine 11	
Engine 12	A/C, Boiler replace/inspection
Engine 13	
Engine 14	Tuck point/inspection, Paint/inspection (8yrs)
Engine 16	
Engine 17	Concrete replace/inspection
Engine 18	Water Heater
Engine 21	Paint/inspection (8yrs), Window replace/inspection, Door Replace/inspection, Tuck-point
Engine 22	Electrical upgrade/inspection
Engine 23	Roof replace/inspection, Tuck-point
Engine 24	
Engine 25	
Engine 26	Tuck-point, Apparatus floor replace/inspection, Foundation inspection
Engine 27	Foundation inspection, Concrete replace/inspection
Engine 28	Electrical upgrade/inspection, Foundation inspection
Engine 29	
Engine 30	
Engine 31	Floor Replace/inspection
Engine 32	
Engine 33	
Engine 34	Electrical upgrade/inspection
Engine 35	
Engine 36	Paint/Inspection (8yrs)
Engine 37	
Engine 38	
Engine 39	Concrete replace/inspection
Burn Tower	
Shop	Electrical upgrade/inspection, Water heater
Recruit training	
Ed Museum	

Comprehensive Asset Plan - 2014 Projects

[illegible]

*Single Asset Plan

*Basemented Apparatus Floors

- * 12 Total Studied In October/November of 2012
- * Present Data is Positive - No Immediate Safety Issues
- * E3, E6, and E7 require shoring to meet code
- * Additional bids requested (DPW)
- * Move to begin floor by floor assessment to determine repairs

*Facility Overview

*Fixed Auxiliary Generators

22 Placed and Working

- Engine 21 complete

- Engine 8 and 24 by the end of 2013

Working with DPW to expedite

*Generators