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**INFORMATIONAL REPORT:
ELEVATOR STATUS REPORT**

Attached is an Elevator Status Report concerning the elevators on campus. Included in the report is information on Elevator Plant, Modernizations, Daily Management and Financial spend.

Wayne State University Elevator Overview

Facilities Planning and Management
Rob Davenport, Associate Vice President



ELEVATOR PLANT

- **Total Number of Monitored Elevators on Campus : 175**
 - 73 of our 120 buildings on campus have elevators
 - Dumbwaiters/Lifts : 13
 - Freight/service elevators : 28
 - Passenger Elevators: 134
 - General Buildings: 96 elevators
 - Housing: 21 elevators
 - Parking Structures: 17 elevators



MODERNIZATIONS

- **Age Of Elevators**
 - The oldest elevator we have on campus is at Engineering Technology installed in 1916
 - The average age of elevator on campus is 23 years
 - The university has 35 buildings with elevators more than 20 years old and 12 buildings with elevators between 10 – 20 years
- **Elevators Under Contract for Renovation/Modernization**
 - There are 8 buildings on campus with 16 elevators currently funded for modernization/renovation
 - Out of the 8 buildings, 7 of them have elevators that are more than 20 years of age
 - Current budget for elevator modernization: \$5,978,000
- **Assessment/Study**
 - Budget allocated for elevator assessment is \$ 114,223
 - A campus wide elevator assessment started on December 2019 with an estimated date of completion by June 2020
 - The Parking structure elevator study included 15 elevators in the structures and was completed November 2019
 - Housing elevator study was done by Corvias
 - When all assessments are complete, we will work with the Capital Planning Committee to estimate a budget for renovation, prioritize projects and request funding.
- **Major Capital Projects: Including elevator modification**
 - Hilberry Theatre- The project includes modernizing existing elevator and adding an additional lift
 - STEM building – The project includes modernizing 3 existing elevators in the building
 - State Hall – The project includes modernization of existing 2 elevators and adding an additional elevator to meet ADA requirements



DAILY MANAGEMENT

- **Daily Report**

- Develop repair strategies based on daily failure activities
- Incorporating NEW dashboard metrics to analysis

- **Elevator status updates:**

<https://facilities.wayne.edu/updates/elevators>

- **Schindler Support**

- Use of the NEW - Schindler “Ahead Action Board” website
- Regular meetings with Schindler technician staff
- Moved Schindler technicians to FP&M Building
- Reevaluate the maintenance contract with Schindler



CURRENT ELEVATOR MODERNIZATION

WSU Bldg. ID	WSU ID #	Budget Allocated	Current Status	Estimated date of completion
Applebaum Pharmacy	603 01	Insurance Claim	Contract signed	1-Apr-20
			Parts on order	
	603 02		work starts 2/10	27-May-20
Old Main	001 01	\$345,000	Starts when Applebaum is completed	29-Jul-20
	001 02			Sept. 30, 2020
Parking #4	613 01	\$545,000	Completed	Completed
	613 02		Waiting on Inspection	February 24,2021
Scott Hall	612 03	\$2,500,000	RFP out on the street- 1/29	Fall 2020
			BID Due 2/26	
	612 04		BID review March	Fall 2020
	612 05		Award April	Winter 2021
	612 06		July start	Winter 2021
State Hall	016 02	\$558,000	In Construction	1-Mar-20
	016 01			
(New Elevator)	016 03	\$1,450,000	In Construction	1-Jun-20
Engineering	090 02	Insurance Claim	Finishing contract	October 30,2020
5425 Woodward	067 01	\$325,000	In design process	July 20,2020
McGregor Memorial	043 01	\$255,000	In design process	1-Feb-21
Total		\$5,978,000		



Schindler - “AHEAD ACTION BOARD”

- **New Technology – 2 units**
 - Connected elevators will send issues data in real time to accelerate response and repair.
- **Equipment Status – 175 units**
 - Technician Field Reports accessible for tracking common issues.
- **Notifications – 175 units**
 - Notification triggers are in development to automatically send management information.
- **Performance Reports and Entrapments**
 - Actual entrapment tracking, with root cause analysis: Equipment related, Vandalism, Running on Arrival, and External Influence factors.

