



ANN ARBOR PUBLIC SCHOOLS
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Capital Improvement Plan Summer 2018

REPORT TO THE BOARD OF EDUCATION
APRIL 11, 2018

PRESENTED BY:

Marios Demetriou, Assistant Superintendent-Operations
Emile Lauzzana, Executive Director – Physical Properties



AAPS Summer 2018 Capital Improvement Plan

PROJECT	FUNDING SOURCE	STATUS/COST	BOARD APPROVAL
Roofing Projects	Sinking Fund	\$ 4,244,688	3/21/2018
Modular Classrooms	Sinking Fund	\$ 2,695,722	3/14/2018
Tennis Courts Renewal Project	Sinking Fund	Planning Phase	
District Paving Projects	Sinking Fund	Design Phase	
Facade Restorations	Sinking Fund	Design Phase	
Playgrounds	Sinking Fund	\$ 1,169,865	6/28/17, 12/20/17, 1/31/18
Haisley Additional Classroom	Sinking Fund	Design Phase	
A2 STEAM 2 nd Floor Air Conditioning	Sinking Fund	\$ 189,500	
Skyline Natatorium Ductwork	Sinking Fund	Out to Bid	
Huron HVAC Project	Sinking Fund	\$ 760,769	12/20/2017
Mitchell Improvements	Sinking Fund / Gen. Fund	Design Phase	
Freeman Safety and ADA Upgrades	Sinking Fund / 2015 Bond	Design Phase	
Classroom Enhancement - Furniture	2015 Bond	\$ 676,787	3/14/2018
New Buses	2015 Bond	\$ 2,283,201	2/28/2018
Technology Refresh – Teacher Laptops	2012 Bond	\$ 2,021,600	
Facilities Conditions Assessment	General Fund	\$ 210,702	12/20/2017

Roofing Projects

Sinking Fund - \$4,244,688

Locations receiving partial roof replacements:

- Bach Elementary
- Balas Administration Building
- Burns Park Elementary
- Haisley Elementary
- Huron High School
- Lakewood Elementary
- Pioneer High School

Locations receiving minor repairs:

- A2 STEAM
- Angell
- Eberwhite
- Slauson
- Tappan



Modular Classrooms

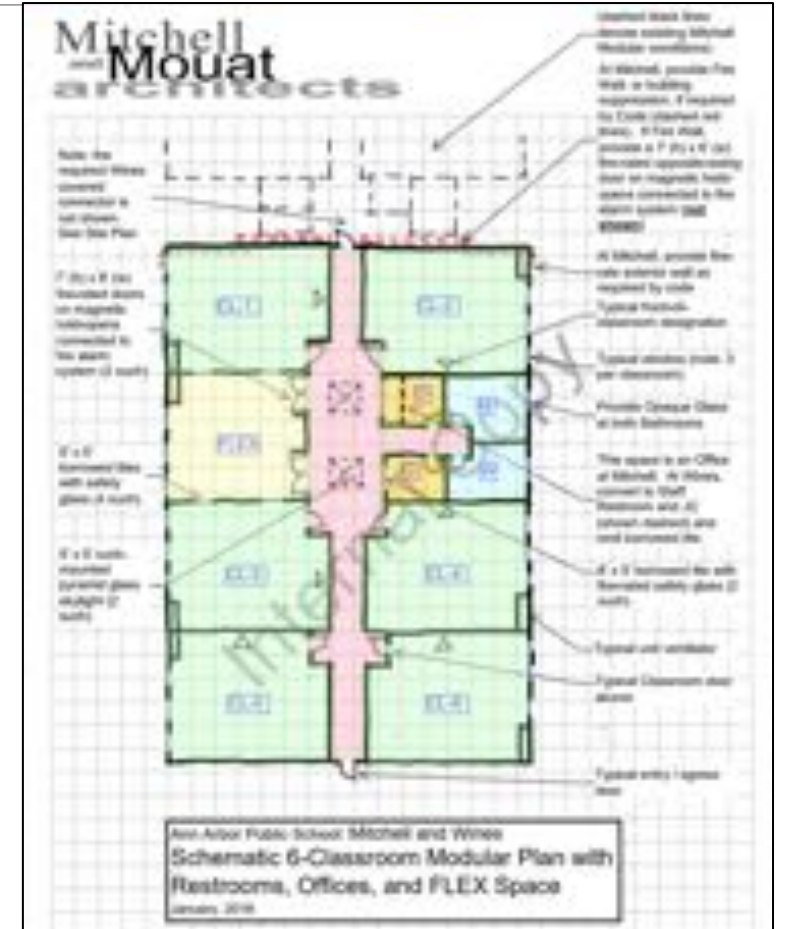
Sinking Fund - \$2,695,722

➤ Mitchell

- New modular addition will connect to the 4 classroom addition built Summer, 2017
- 6 classrooms, 1 flex room, 2 three-fixture restrooms and 2 offices

➤ Wines

- Existing 2 classroom modular will be demolished
- New modular addition includes: 6 classrooms, 1 flex room, 2 three-fixture restrooms, 2 offices and a covered walkway to the school



Tennis Court Renewal Project

Sinking Fund - Design Phase

- Project includes selective reconstruction, cleaning, repairs, drainage improvement, re-sealing and repainting of majority of the tennis courts
- Extensive rebuild anticipated at 2 of the courts at Forsythe and 5 of the courts at Huron
- A total of 36 Tennis Courts will be refurbished at the following schools:
 - A2 Open/Mack
 - Forsythe Middle School
 - Huron High School
 - Pioneer High School
 - Scarlett Middle School
 - Skyline High School
 - Tappan Middle School



Forsythe Tennis Courts

District Paving Projects

Sinking Fund - Design Phase

Based on highest need and available funding, the following locations will receive paving reconstruction:

- Angell Elementary
will include repairs to the storm drains below parking areas
- King Elementary
- Mitchell Elementary



Facade Restorations

Sinking Fund - Design Phase

- Slauson and Tappan Middle Schools were built in 1937 and 1950, respectively
- Both have multi-story masonry facades in need of restorative maintenance



Slauson Middle School

- Restorations Timing
 - Engineering Work
 - Phase I Restoration – highest parts of each building (Summer 2018)
 - Phase II Restoration – lower parts of each building (Summer 2019)



Tappan Middle School

Playgrounds

Sinking Fund - \$1,169,865

➤ Summer 2018 Playground installations:

- A2 STEAM
- Angell
- Bach
- Dicken
- Haisley
- King
- Lakewood
- Logan
- Pattengill
- Pittsfield

➤ Playground installations scheduled for Summer 2019:

- Allen
- Ann Arbor Open (Natural Playground)
- Eberwhite (Natural Playground)
- Mitchell
- Thurston



Haisley Additional Classroom

Sinking Fund - Design Phase

Work Scope Includes:

- Addition of 1 classroom
- Relocate current Computer Lab
- Divide existing Teacher's Lounge into a Computer Lab & Classroom



A2 STEAM 2nd Floor Air Conditioning Installation

Sinking Fund - \$189,150

➤ Portions of the building are subject to extreme heat at certain times of the year and this project will bring air conditioning to:

- 11 2nd Floor Classrooms
- STEAM Lab
- Counseling Offices

➤ Upgrades will also allow for Summer Programming at A2 STEAM

➤ Additionally, the semi-private counseling offices will be renovated into fully enclosed offices for student privacy



Skyline Natatorium Ductwork

Sinking Fund - Out to Bid

- Replace existing fabric ventilation distribution system with metal ductwork



Huron HVAC Project

Sinking Fund - \$760,769

- Replacement of Air Handling Unit for the Fitness Center and associated rooms below the Main Gym at Huron High School
- Scope includes:
 - Converting new air handling unit to variable volume reheat system
 - New ceiling and lights
 - Cleaning of existing ductwork
 - New controls
 - Sprinkler system repairs



Mitchell Enhancements

Sinking Fund and General Fund

- Mitchell has seen increased student population due to growth of the International Baccalaureate Program and will receive the following enhancements:
 - New PreK playground and fencing
 - Improvements to cafeteria to accommodate 2 service lines at lunch
 - Replacement of broken cafeteria tables
 - Installation of 12 international flagpoles (also at Scarlett)
 - Introduction of selected paint colors to tie addition and building together



Freeman Life Safety and ADA Upgrades

Sinking Fund and 2015 Bond

- AAPS will regain possession of Freeman School on July 1st and in order to use the building for educational programming will make the following minimum improvements:
 - Fire Alarm System Installation
 - Security Cameras Installation
 - Review ADA requirements and update as needed



Classroom Enhancement – Furniture

2015 Bond - \$676,187

- Continuing the Bond 2015 Advisory Committee recommendations:
 - Furniture is scheduled for June delivery to Slauson and Tappan Middle Schools
 - Furniture purchase recommendation submitted to Board of Education briefing/action for Pioneer, Huron, Skyline, Pathways, and Community High Schools
 - Additional furniture will be ordered for other locations to be delivered in August, to accommodate enrollment growth



New Buses

2015 Bond - \$2,283,201

- 20 Regular Education and 3 Preschool buses have been ordered for delivery in late June
 - This is in addition to 71 buses purchased since 2015, for a total of 94 new buses



Security Assessment

2015 Bond - \$82,500

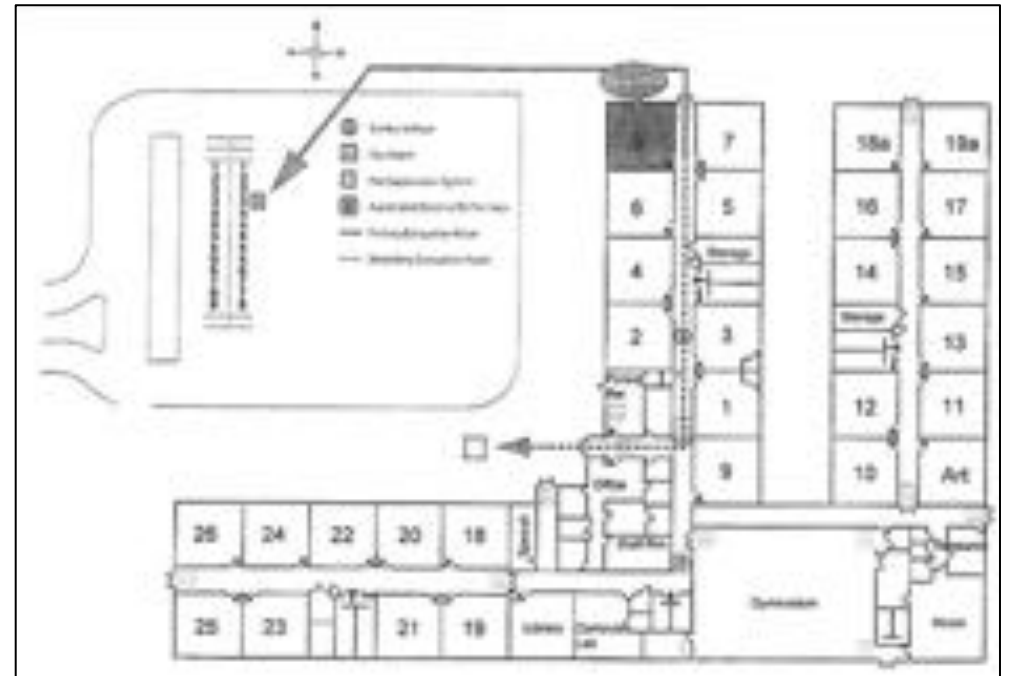
- Secure Education Consultants will conduct Security and Site Assessments of all school campuses and update Emergency Floor Plans at each location
- Security and Site Assessments will be completed in May during a 2-6 hour visit per location
- A report will include their evaluation of the following:
 - Internal and External Design Features
 - Technical and Physical Security Features
 - Safety and Security Policies and Procedures
 - Emergency Equipment (panic buttons, cameras, door entry systems, etc.)
- The findings will be compiled in a report outlining best value investments for providing enhanced security in AAPS buildings

Security Assessment (cont'd)

2015 Bond - \$16,500

➤ Secure Education Consultants will also use the data collected to create Emergency Floor Plans that will include:

- Primary and secondary evacuation routes
- Shelter locations
- First aid locations
- Fire extinguisher locations
- AED locations
- Other relevant data



Technology Refresh – Teacher Laptops

2012 Bond - \$2,021,600

- Continuing the Tech Bond Plan, a Technology Refresh of Teacher Model Laptops will replace the current teacher, counselor, Support Services laptops
- Additionally, the refresh of student laptops and District copiers is in the planning phase



Facility Conditions Assessment

General Fund - \$210,702

EMG has been retained to conduct Facility Condition Assessments of all District facilities, which will include:

- Evaluating building and site systems conditions
 - Mechanical, Electrical, and Plumbing systems
 - Paving and walkways
 - Exterior envelope including doors, windows, and roofs
 - Interior finishes
 - Sports fields and related apparatuses
 - Fire alarm systems
- Assigning annual and 10-year costs for capital improvements
- A comprehensive database for use in planning and establishing preventive maintenance schedules
- Report to BOE and Community, Fall, 2018