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Chippewa Valley Schools 2018 Bond Program 2024 Project Update

Board of Education (BoE) – January 8, 2024

Citizen Advisory Committee (CAC) – January 18, 2024

Parent Teacher Organization (PTO) – January 26, 2024

2018 BOND PROGRAM CONSTRUCTION UPDATE

Agenda

- Bond Overview
- Brief Recap of Phase 1 (2019 Projects)
- Brief Recap of Phase 2 (2020 Projects)
- Brief Recap of Phase 3 (2021 Projects)
- Brief Recap of Phase 4 (2022 Projects)
- Brief Recap of Phase 5 (2023 Projects)
- Preview of Phase 6 (2024 projects)



The background of the slide is a dark blue-tinted photograph of two construction workers on a scissor lift. One worker in the foreground is wearing a hard hat with a headlamp and safety glasses, and is holding a tool. The other worker is behind him, also in safety gear. The lift has a 'Milner' logo and 'CLEVELAND' text on its side. The overall scene is industrial and construction-related.

Overview

2018 Bond Program

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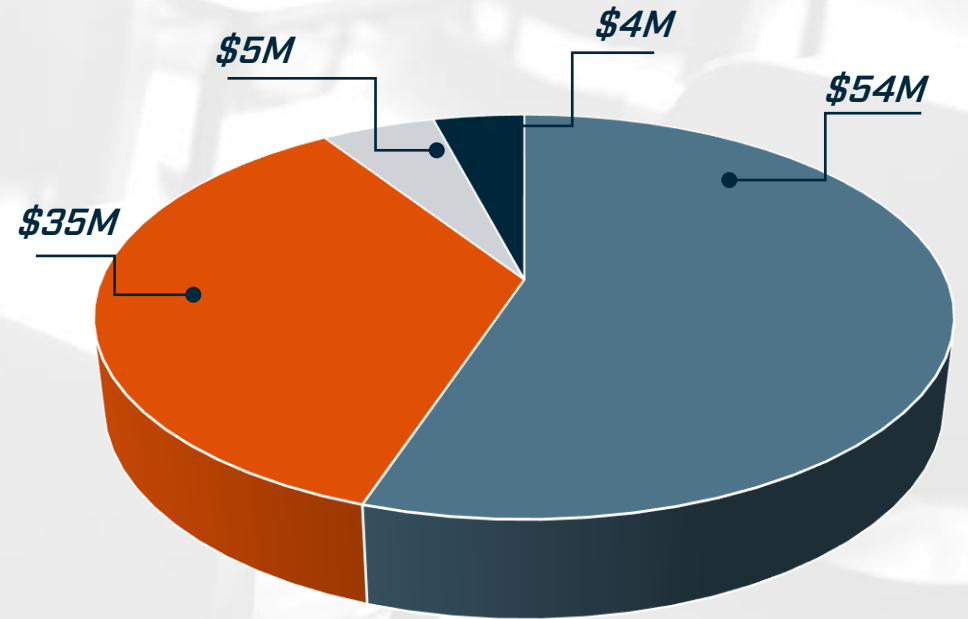
2018 BOND PROGRAM – OVERVIEW



**PASSED IN
NOVEMBER
2018**



**5 YEAR PROGRAM
(2019-2023) + 1
YEAR EXTENSION
TO 2024**



■ Construction ■ Technology
■ Furniture/Equipment ■ Buses



Phase 1

2019 Construction Projects

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2019 CONSTRUCTION PROJECTS

Phase 1 – High Priority Projects

- CVHS & DHS Secure Entry
- Iroquois Roof & Electrical Service Replacement
- Select Lighting Upgrades
- High School Temperature Control Panel Upgrades
- High School Tennis Courts Improvements



\$3M Total Budget



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Phase 2

2020-2021 Construction Projects

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2020 CONSTRUCTION PROJECTS

Phase 2 – Priority Projects

Classroom Door Hardware Upgrade
Emergency Alert System

Cheyenne Secure Entry (office
relocation)

Door Hardware for large group spaces
Impact Resistant Interior Glass

Parking Lot Improvement Projects
(Huron & Ojibwa)

Repaving Projects (Shawnee,
Sequoyah, Dakota)

Cherokee Elementary Chiller
Replacement

Card readers with lockdown
features

Playground Improvements
(district-wide)

Added water bottle fill stations

\$9M Total Budget

**Worked in all 24 School
Buildings**

14 Trade Contractors

**48 workers,
on average,
on site per day**



Phase 3

2021 Construction Projects

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2021 CONSTRUCTION PROJECTS (CLINTON TOWNSHIP SCHOOLS)

Elementary School Highlights

Sites Impacted: Cherokee, Erie, Huron, Miami

- Roofing, Paving, Flooring, Mechanical Work

Middle and High School Highlights

*Sites Impacted: Algonquin, Iroquois, Seneca, Wyandot,
Chippewa 9th grade, Chippewa High, Dakota High and Mohegan*

- Roofing
- Parking Lots
- Interior Flooring
- Athletic Fields
- Athletic Tracks
- Scoreboards at HS Ballfields & MS field
- Heating and Cooling

District Operations

Administration Campus

- Parking Lots, Security Fencing, Mechanical work, Metal Wall Panels, Windows



\$13M Total Budget

Design Complete - Oct 2020

Public Bid - Nov 2020

Contract Award - Dec 2020

**Installation – Spring &
Summer 2021**

Worked in 14 Buildings

16 Major Trade Contractors

Over 85,000 work hours

Over 160,000 sq.ft. of flooring

Over 650,000 sq.ft. of paving

Over 140,000 sq.ft. of roofing



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Phase 4

2022 Construction Projects

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2022 CONSTRUCTION PROJECTS (MACOMB TOWNSHIP SCHOOLS)

Elementary School Highlights

Locations: Cheyenne, Ojibwa, Fox, Mohawk

- Paving, Mechanical Work, Masonry

Middle School Highlights

Locations: Iroquois & Seneca

- Paving, Athletic Fields, Mechanical Work

High School Highlights

Locations: CVHS, Dakota 9th Grade & Dakota High

- Paving, Renovations, Mechanical,
- Athletic Fields & Auditoriums

\$8M Total Budget

Complete Design - Oct 2021

Public Bids - Nov 2021

Contract Award - Dec 2021

**Installation – Spring &
Summer 2022**

Worked in 9 buildings

18 major trade contractors

Over 50,000 work hours

Over 300,000 sq.ft. of paving



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Phase 5

2023 Construction Projects

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2023 CONSTRUCTION PROJECTS

BP4B + BP5

Elementary School Highlights

Locations: Clinton Valley, Ottawa, Shawnee, Sequoyah, Fox, Mohawk, Cheyenne, Ojibwa

- Ottawa, Clinton Valley – paving replacement
- Clinton Valley, Fox, Mohawk, Ojibwa, Shawnee – Roofing
- Erie & Huron – replace media center flooring
- Cherokee, Fox, Clinton Valley, Shawnee – replace sound system

Middle School Highlights

Locations: Wyandot & Iroquois

- Paving, Mechanical Work

over 50,000 work hours
over 16,000 sq.ft. of flooring
over 118,000 sq.ft. of paving
over 306,000 sq.ft. of roofing

Other Project Highlights

Locations: Little Turtle, High Schools

- Dakota High - Roofing
- High School Media Center Upgrades
- High School Stadium scoreboard replacement
- Little Turtle – Roofing, Concrete, Mechanical Work



\$14M Total Budget

BP4B

Contract Award – July 2022

BP5

Complete Design – Oct 2022

Public Bids - Nov 2022

Contract Award - Dec 2022

**Installation – Spring &
Summer 2023**

16 Buildings

18 major trade contractors



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Phase 6

2024 Construction Projects

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2024 CONSTRUCTION PROJECTS

BP4C

Flooring Replacement

Cheyenne Elementary

- Approx. 70,000 sq.ft. of carpet & vinyl tile
- Originally installed in 1999 (25 years old)

Ojibwa Elementary

- Approx. 80,000 sq.ft. of carpet & vinyl tile
- Installed in 2000/2001

Note: Original Bond project planned for 2022 (previously put on hold due to COVID cost escalation concerns)

\$1.2M Total Budget

Completed Design – Oct 2021

Public Bids – Nov 2021

Contract Award – Sept 2023

**Installation – Spring &
Summer 2024**



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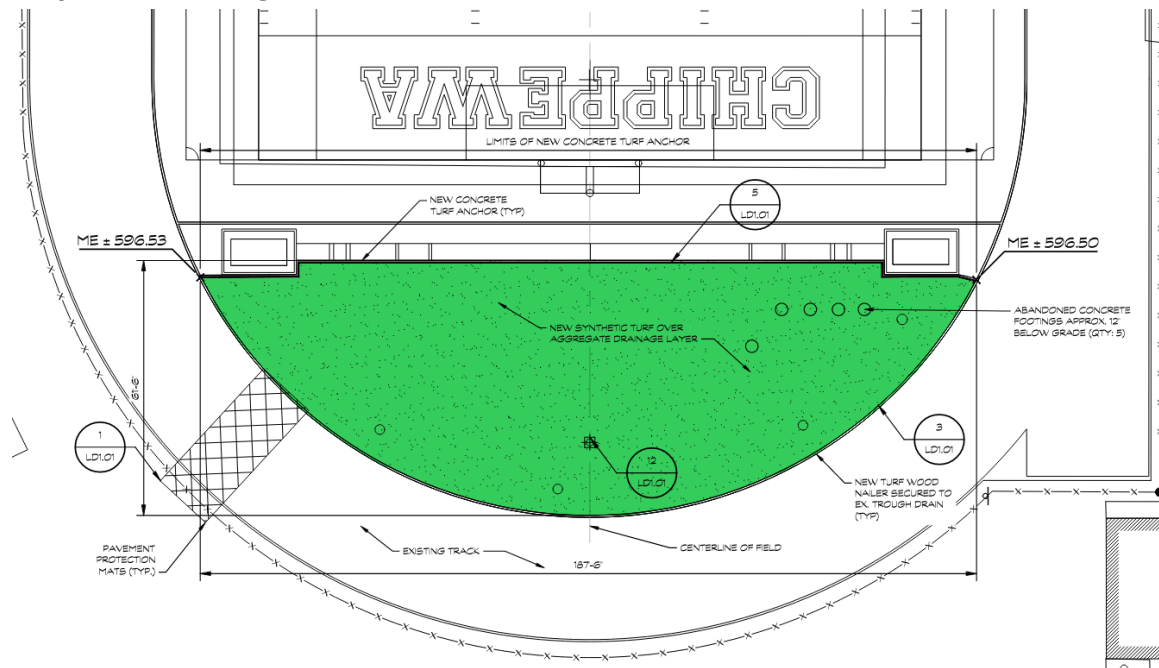
2024 CONSTRUCTION PROJECTS

BP50

Chippewa Valley High School

Install Synthetic Turf in South D-zone

- Currently asphalt (Approx 8,000 sq.ft.)
- Same vendor that originally replaced main field turf in 2000
- Allows for more practice space now that scoreboard & flagpole have been relocated (matches Dakota stadium)
- Scheduled to start at Spring Break and complete in 2-3 weeks (weather permitting)



\$270k Total Budget

Completed Design – Aug 2023

Public Bids – Sept 2023

Contract Award – Sept 2023

Installation – Spring 2024



2024 CONSTRUCTION PROJECTS

BP5E

Emergency Generator

Central Office Complex

- Replace existing generator (400kw/500kva), originally installed in 2001 with technology center addition, currently on temporary generator
- Add 2nd generator for Central Kitchen (350kw/438kva)

- converting from diesel to natural gas
- capacity: approx. 1,000 gallons (runs 36 hours)



\$1M Total Budget
(partially funded by Food Service Department)

Completed Design – Aug 2023

Public Bids – Sept 2023

Contract Award – Sept 2023

Installation – Late 2024



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2024 CONSTRUCTION PROJECTS

BP6

Elementary School Highlights

- Clinton Valley – replace classroom mechanical units,
- replace corridor & cafeteria vinyl flooring
- Fox – replace carpet & vinyl flooring
- Mohawk – replace gym flooring
- Ottawa – replace media center & music room flooring

Middle School Highlights

- Algonquin – replace 2 rooftop gym mechanical units
- Wyandot – replace south parking lot

High School Highlights

- CVHS 9th Grade – replace select roofing & boilers
- CVHS – upgrade elevator, replace select mechanical equip,
- replace toilet room underground plumbing
- Dakota High – replace indoor running track surface &
replace auditorium seating
- Mohegan – replace select mechanical equipment

Administration Building

- Replace select mechanical equipment



\$5M Total Budget

Completed Design – Aug 2023

Public Bids – Sept 2023

Contract Award – Oct 2023

**Installation – Spring &
Summer 2024**



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2024 CONSTRUCTION PROJECTS

BP6B

Secure Entry Upgrades

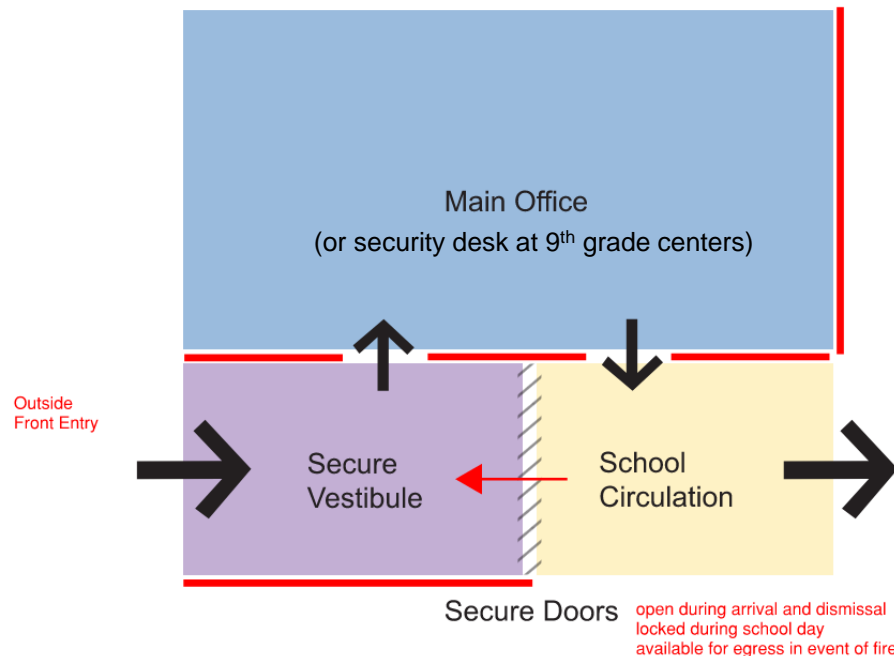
Sequoyah & Shawnee Elementary

- relocate clerical office adjacent to main front entrance

Both 9th Grade Centers

- add interior vestibule doors to enclose security desk

FLOW DIAGRAM
TYPICAL SECURE ENTRY



\$1.5M Total Budget
(funded from State of MI Safety Grant)

Complete Design – Nov 2023

Public Bids - Dec 2023

Contract Award – Jan 2024

Installation – Spring & Summer 2024



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Technology Bond Projects:

- To date, **12 Technology Projects** have been completed under the 2018 Bond, Series 1.
- Project currently in progress:
 - T14 – Interior Digital Signage (first Series 2 project)
- Bond budget: **\$32,686,182**
 - *Committed: **\$19,990,816 (61%)**
 - Remaining: **\$12,695,365**

*November 6, 2023

Technology Bond Projects:

- T01: Wireless and Network Infrastructure**
- T02: Security System**
- T03: Student Devices and Carts**
- T04: Data Center Equipment and Voice Upgrades**
- T05: 21st Century Classroom**
- T06: Network Refresh**
- T07: Firewall, Web Filtering and Email Security**
- T08: Computer Lab & Administrative Staff Devices**
- T09: VoIP**
- T10: Two (2) Public Address (PA) Systems (Barton Malow)**
- T11: Data Backup & Email Archiving Solution**
- T12: Student Laptops & Classroom Charging Carts**
- T14: Digital Signage (first Series 2 project)**



2018 BOND PROGRAM - TECHNOLOGY





**Thank You.
Questions?**

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