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**Chippewa Valley Schools
2018 Bond Program
Construction Update - Spring 2023**

Board of Education (BoE) – May 1, 2023

Citizen Advisory Committee (CAC) – May 11, 2023

Parent Teacher Organization (PTO) – May 19, 2023

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)
- Detailed Preview 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 lift platform. One worker in the foreground is wearing a hard hat with a headlamp and safety glasses, and is holding a tool. Another worker is visible behind him. The lift platform has a 'Miller' logo and 'CLEVELAND' text on it. The overall scene is industrial and construction-related.

Overview

2018 Bond Program

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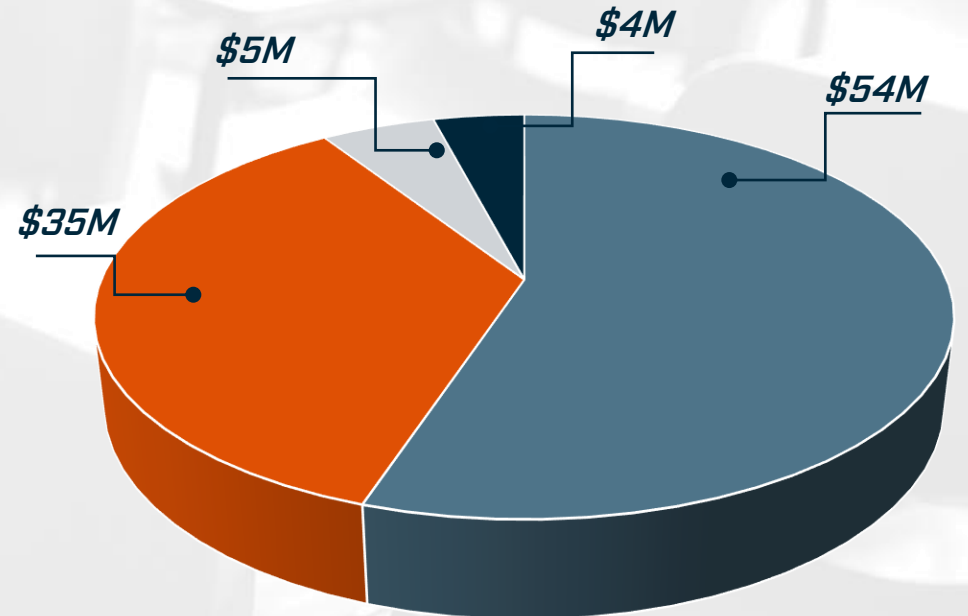
2018 BOND PROGRAM – OVERVIEW



**PASSED IN
NOVEMBER
2018**



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



■ Construction ■ Technology
■ Furniture/Equip ■ 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

14 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

- Roofing, Paving, Mechanical Work

Middle School Highlights

Locations: Wyandot & Iroquois

- Paving, Mechanical Work

Other Project Highlights

Locations: Little Turtle, High Schools

- Roofing, Paving, Mechanical Work
- High School Media Center Upgrades
- Stadium scoreboard replacement



\$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

16 major trade contractors



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2023 CONSTRUCTION PROJECTS

BP4B – ROOFING PROJECTS

Fox Elementary School

Replace roof over original building
Replace roof over 1998 addition
Replace roof over 2003 addition

Cheyenne Elementary School

Replace the original flat roof section (2000)

Mohawk Elementary Highlights

Replace roof over original building
Replace roof over 2003 addition

Dakota High School

Replace roof over 2002 addition

Ojibwa Elementary School

Replace flat roof (2001)

* Approx. 185,000 SF total



2023 CONSTRUCTION PROJECTS

BP5

Clinton Valley Elementary School Highlights

- Replace asphalt paving
- Replace select concrete sidewalks
- Replace roofing (2002 & 2003 additions)
- Replace select exterior panels (see picture)
- Replace toilet partitions
- Replace stage curtains
- Replace sinks in boy's restrooms
- Replace select aging mechanical equipment
- Upgrade cooling to technology rooms
- Upgrade temperature controls
- Replace stage sound system



2023 CONSTRUCTION PROJECTS- BP5

Cherokee & Fox Highlights

- Replace stage sound system

Erie & Huron Highlights

- Replace media center carpet

Ottawa Elementary Highlights

- Replace asphalt paving
- Replace select site concrete
- Replace select roofing (media center/art/music)
- Upgrade gym divider wall
- Upgrade cooling to technology room
- Upgrade temperature controls
- Replace select mechanical equipment

Sequoyah Elementary Highlights

- Install motorized divider wall in gym
- Replace select mechanical equipment
- Upgrade temperature controls
- Upgrade cooling to technology closets

Shawnee Elementary Highlights

- Replace flat section of roof (2001)
- Replace toilet partitions
- Replace select aging mechanical equipment
- Upgrade cooling to technology room
- Upgrade temperature controls
- Replace stage sound system



2023 CONSTRUCTION PROJECTS

BP5

Little Turtle Center

- Replace select site concrete
- Replace flat section of roof
- Replace select mechanical equipment
- Upgrade temperature control panel



2023 CONSTRUCTION PROJECTS - BP5B

High School Stadium Scoreboard

208/240 VAC, 2416 Watts;
one (1) 2 Pole circuit
(2 wires + ground, no neutral)
L1: 12 Amps, L2: 12 Amps

SECTION	TOTAL WATTS	LINE 1 AMPS	LINE 2 AMPS
100 (6X21 MODS)	7992	30.6	36
200 (6X21 MODS)	7992	30.6	36

120/208/240 VAC
Two (2) 2 Pole circuits
(2 hot, 1 neutral + 1 ground)

770 Watts, 6.4 Amps
120 VAC
One (1) 1 Pole circuits
(1 hot, 1 neutral + 1 ground)

OPTIONS: BLANK/STATIC ADVERTISING/ STATIC SLOGAN

208/240 VAC, 2416 Watts;
one (1) 2 Pole circuit
(2 wires + ground, no neutral)
L1: 12 Amps, L2: 12 Amps

SECTION	TOTAL WATTS	LINE 1 AMPS	LINE 2 AMPS
100 (6X21 MODS)	7992	30.6	36
200 (6X21 MODS)	7992	30.6	36

120/208/240 VAC
Two (2) 2 Pole circuits
(2 hot, 1 neutral + 1 ground)

770 Watts, 6.4 Amps
120 VAC
One (1) 1 Pole circuits
(1 hot, 1 neutral + 1 ground)

OPTIONS: BLANK/STATIC ADVERTISING/ STATIC SLOGAN



Phase 6

2024 Construction Projects

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2024 CONSTRUCTION PROJECTS

BP6

Elementary School Highlights

Locations: Cheyenne, CVE, Fox, Mohawk, Ojibwa, Ottawa

- Replace flooring

Middle School Highlights

Algonquin – replace gym mechanical equipment

Wyandot – replace south parking lot

High School Highlights

CVHS 9th grade – replace select roofing & boilers

CVHS – install turf in South D-zone & replace select mechanical equipment

Dakota High – replace indoor running track surface & auditorium seating

Mohegan – replace select mechanical equipment

Administration Building

Replace emergency generator & select mechanical equipment



\$7M Total Budget

Complete Design – Aug 2023

Public Bids – Sept 2023

Contract Award – Oct 2023

Installation – Spring & Summer 2024



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**Thank You.
Questions?**

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