

Thomas McKean High School
Capital Project Snapshot
Red Clay Consolidated School District
2023 Major Capital Improvement Program
Updated: May 21, 2026

Project Overview

Red Clay Consolidated School District is investing in critical building improvements at **McKean High School** as part of the District's **Major Capital Improvement Program**.

The project focuses on improving the **building envelope, accessibility, mechanical and electrical systems, plumbing, life safety, and learning environments** to ensure the school remains safe, functional, and supportive of modern educational programs.

Project Timeline

Phase	Status
Planning & Facility Assessment	Completed
Design Development	Completed
Bidding	In Progress
Construction	Planned for Summer Work Window

Major System Improvements

Building Envelope

- Partial roof replacement (~185,600 sq ft)
- Metal roof mansard replacement (alternate)
- Exterior door and storefront door replacement (35 each)

Fire Protection

- Fire sprinkler rework for space reconfigurations

Plumbing Systems

- Backflow preventer replacement with code-compliant unit
- Domestic hot water boiler replacement
- Electric domestic hot water heater replacement
- Laboratory sink replacements
- Select residential sink replacements
- Toilet room isolation valve installation

HVAC Systems

- Classroom unit ventilator replacement
- Partial rooftop exhaust fan replacement
- Unit heater replacement
- Classroom unit air handling unit replacement
- Make-up air unit replacement
- IT closet split system air conditioner replacement
- HVAC Pump replacement
- Roof top exhaust fan replacement
- Roof top gravity vent replacement

Electrical Systems

- Generator and transfer switch replacement
- Partial panelboard replacement
- New fire detection for renovated spaces
- New lighting and power for renovated spaces

Learning Environment Improvements

Instructional Spaces

- Select interior door replacement (42 openings)
- Select interior door refurbishments (93 openings)
- Prep room casework replacement
- Classroom stairs to mechanical spaces

Auditorium

- Audio system upgrade
- Stage lighting system replacement
- Partial stage curtain replacement

Accessibility Improvements

Improved Building Accessibility

- Toilet room reconfigurations
- Inclined stair lift installation (Corridor 3C)
- Pool lift installation

Environmental Safety

Hazardous material abatement will be performed where necessary during construction to ensure safe working conditions and compliance with environmental regulations.

Why These Improvements Matter

These scopes will:

- ✓ Improve building reliability and infrastructure
- ✓ Enhance student and staff comfort
- ✓ Increase accessibility throughout the school
- ✓ Modernize instructional and support spaces
- ✓ Extend the life of the facility

District Commitment

Red Clay Consolidated School District remains committed to maintaining **safe, modern, and accessible learning environments for all students and staff.**
