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Thurston Elementary School Project Schedule and Site Safety

December 18, 2024

2019 Bond and AAPS Capital Program Vision



To transform the student learning experience with the goal of providing for the health, safety, and well-being **of all students** in high-quality, equitable, and environmentally sustainable schools

Planning for Neighborhood Elementary Schools

- Facility Condition Assessments (FCA)
- Enrollment Pressures
- Maintain Bond Goals
 - Teaching & Learning
 - Safety, Health & Well-Being
 - Sustainable & Environmentally Responsible Infrastructure
 - Efficient & Effective Support Systems & Services

2019 BOND PREPARING FOR THE FUTURE



Safety and Security of working on active school campuses:

Thurston Elementary Construction Manager: The Christman Company

The Christman Company's Experience constructing on active school campuses.



The Christman Company list of school experience

Lansing School District:

- Pattengill K-8
- Post Oak Academy
- Eastern High School
- Everett High School
- Sexton High School

Okemos Public Schools:

- Bennett Woods Elementary
- Chippewa Middle School

Detroit Public Schools:

- New Cody High School

Mason Public Schools:

- Steele Elementary

Fowler Public Schools:

- High School

Bath Community Schools:

- High School
- Middle School
- Elementary School

Site Safety and Security

- Barricades / barriers – 8' tall with mesh fabric – fence posts driven into ground
 - Additional barricades between temporary walkways and playgrounds.
- Rolling Gates at entrances
- Construction Spotter for material delivery where crossing sidewalks
- Site security camera during duration of construction



Sample Artwork on Fence Screening

Site Safety and Security

- Reduce construction site access during school arrival and dismissal times
- Dust control will be in effect on site to minimize dust migration.
- This project's typical construction hours of operation 7:00 am – 4:30 pm and in compliance with City of Ann Arbor noise ordinances which is 10:00 pm to 7:00 am.
- All workers go through site specific safety program prior to working on site.
- All workers will have a background check prior to working on site.

Site Safety and Security

Health, Safety, and Security is top priority for All

Best practices are utilized to limit learning disruptions during school year

Opportunities for teaching and learning about construction and the different activities

Student Inclusion

Student Inclusion / Learning Opportunities

- Site tours to see the project progress
 - Technology demonstrations (Oculus, Drones, Laser Scanning, 3D)
 - Coordinate work with classroom curriculum
 - Photography
 - Video Animation
 - STEAM learning opportunities
- In-class Presentation by Construction Team
 - Contests – Game support on site activity (Math/Science)



Where Students Come First



Thurston Construction Timeline

Anticipated Site Activities by Month

2025					2026					2027					2028											
M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
Light		Heavy		Periodic - Medium					Heavy		Light					Heavy		Medium			Turf Growing					
School in Session		Summer Break		School in Session					Summer Break		School in Session					Summer Break		School in Session								

Construction duration = 2 ½ years

Site Safety and Security

Spring 2025 – June 11, 2025

- Construction Activities during this duration:
- Temporary Construction Security Fencing during
 - Tree felling and tree location
 - Selective planting relocations

DRAFT

— Temporary/Periodic Safety Fence






Site Safety and Security

June 12, 2025 – August 2025
During Summer Break

Construction Activities during this duration:

- Relocate playground equipment
- Building foundations
- Structural steel
- Exterior wall framing
- Masonry walls at stairs, elevator shaft, and gym

DRAFT

-  Safe Pedestrian Walk/Path
-  Construction Safety Fence
-  Relocated Play Areas






Site Safety and Security

September 1, 2025 - June 2026

Construction Activities during this duration:

- Structural steel
- Wood Timber Decking
- Exterior wall enclosure
- Roofing
- Glass / Glazing
- Solar Panels on Roof

DRAFT

-  Safe Pedestrian Walk/Path
-  Construction Safety Fence
-  Relocated Play Areas





Site Safety and Security

June 2026 – August 2026
During Summer Break

- Construction Activities during this duration:
- Interior Construction – Inside of New Building
 - Site Utilities

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-  Safe Pedestrian Walk/Path
-  Construction Safety Fence
-  Relocated Play Areas



Thurston Elementary - Staging and Draft Site Logistics 08-18-24

Site Safety and Security




September 2026 – May 2027

Construction Activities during this duration:

- **Interior Build Out – Majority of Construction occurs within enclosed building.**

- Drywall
- Doors
- Flooring
- Painting
- Cabinets & Casework
- Lights
- HVAC
- Plumbing
- Fire Suppression
- Electrical & Low Voltage
- Elevator
- Install new playgrounds

DRAFT

-  Safe Pedestrian Walk/Path
-  Construction Safety Fence
-  Relocated Play Areas



Site Safety and Security

June 2027 – August 2027
During Summer Break

Construction Activities during this duration:

- Move Into New Thurston Elementary
- Relocate the modular classrooms to Old Logan Elementary
- Environmental Remediation of old building
- Demolition of old building
- New parking lot and parent/staff driveways
- Install new playground

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-  Safe Pedestrian Walk/Path
-  Construction Safety Fence



Concept Plan Site Safety and Security

September 2027 – November 2027

Construction Activities during this duration:

- Install Bus Loop
- Install Geothermal in playfield area

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-  Safe Pedestrian Walk/Path
-  Construction Safety Fence



Concept Site Safety and Security

November 2027 – January 2028

Construction Activities during this duration:

- Install Geothermal
- Install storm water rain garden
- Some additional site restoration activities expected after January

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-  Safe Pedestrian Walk/Path
-  Construction Safety Fence



Please view the first presentation regarding General Staging prior to viewing this project specific presentation regarding Thurston Elementary School

Evaluating Options for Construction / Renovating Neighborhood Schools

When to Stage in Priority Order

- 1.** Construct New Building next to Existing Building
- 2.** Add addition and/or renovate existing building while occupied by staging areas within the school building
- 3.** Temporarily Move School to a Staging School Building

When to Stage?

Is there room on the existing site to build a new school?

- ✓ Can the construction of the new building be safely built on site with manageable disruption to school operations?
- ✓ Can the new building maintain 30 feet of distance from existing school?
- ✓ Can a separation between construction and the occupied school be maintained?



1. Construct new building next to existing building

Schools that Do Not require staging:

New Mitchell Elementary

New Logan Elementary

New Thurston Elementary

New Dicken Elementary

New Lakewood Elementary

New Lawton Elementary

New Wines Elementary

New Carpenter Elementary

1. Construct new building next to existing building

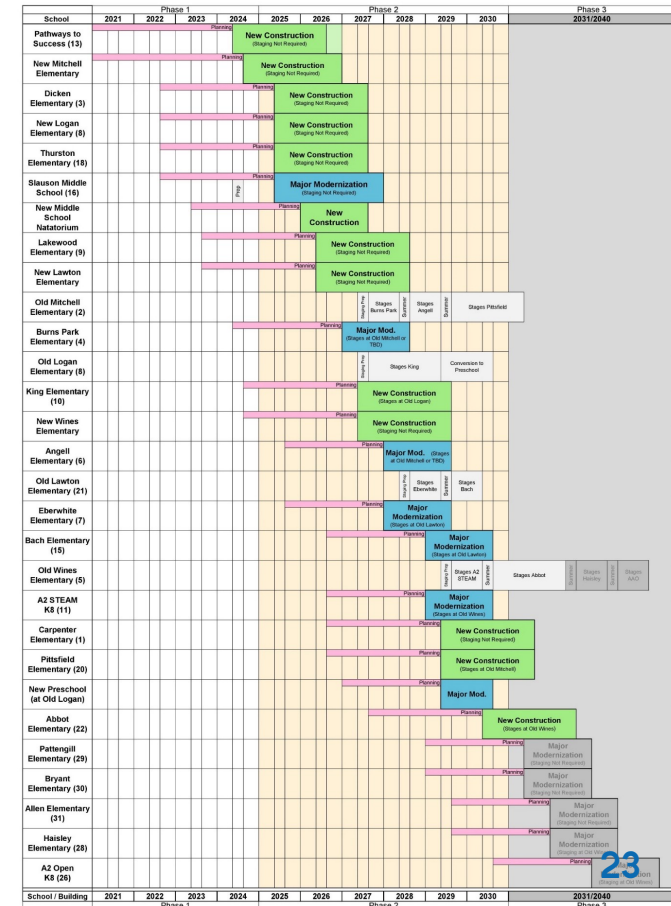
How was the staging order determined in the approved Phase 2 Plan as presented and approved in a public board meeting in November 2022?

Schools that do not require staging:

- Have the ability to build new building on existing property.
- Facility Condition Assessment priority order by district sector/area
- Evaluate enrollment pressures

Schools that require staging:

- Need availability of a host building in proximity to school that needs to stage.
- Facility Condition Assessment priority order by district sector/area



Where are the proposed host staging schools?

Old Logan Elementary Staging School (available in Fall 2027)

- Available after construction of New Logan and New Thurston Elementary
- Requires existing modulars from Old Thurston and existing modulars from King Elementary to be moved to old Logan.
- King Elementary stages at Old Logan Elementary in Fall 2027

Old Mitchell Elementary Staging School (available in Fall 2027)

Old Wines Elementary Staging School (available in Fall 2029)

Why staging Thurston Elementary is not recommended to stage?

- Existing Thurston program is unique
- Costs impacts to delaying the Thurston project
 - Transportation
 - Moving
 - Staffing
 - Administrative Costs
 - Escalation Costs
 - Renovation Costs
 - Redesign Costs

In Summary

- This project is part of an overall District Plan
- The project team does not have access or is aware any board approved document indicating the extent of the boundary for a designated nature area, which complicates planning.
- This project will follow all new storm water regulatory requirements and will not impact the pond.
- Construction is contained within a fenced in area and maintains physical separation from the school.
- Delays mean:
 - Higher costs and jeopardizes Bond obligations;
 - A significant impact on other school communities in the northeast sector and beyond;
 - Delaying students and staff from accessing high quality learning environments to support teaching, learning, health and wellbeing.

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Thank You!

