

ANN ARBOR PUBLIC SCHOOLS
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ANN ARBOR PUBLIC SCHOOLS

Mitchell Elementary Bond Project Update April 13, 2023

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AGENDA

Capital Program Background

- AAPS Capital Program and 2019 Bond Objectives
- Site-Related Commitments
- Phase 2 Capital Program Plan

Project Update

- Capital Program Timeline
- Staging Considerations
- Project Timeline
- School History and Facts
- 21st Century Schools
- Mitchell Mission
- Review of Traffic-Related Issues
- Preliminary Site Plan

Q/A

AAPS Capital Program – Objective



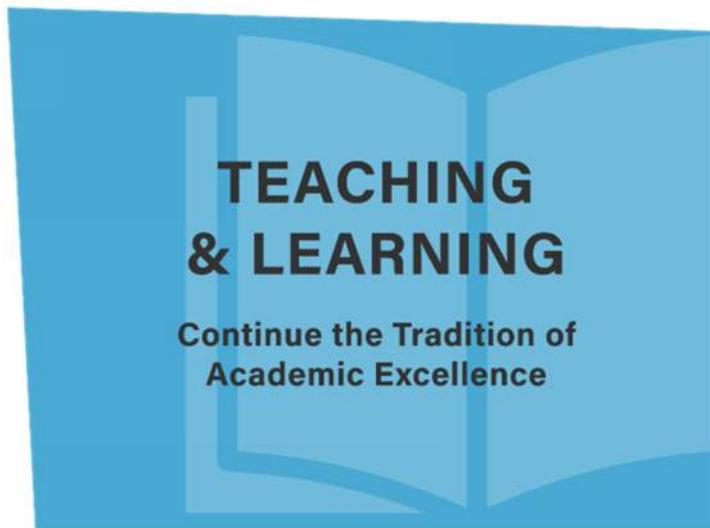
To transform the student learning experience with the goal of providing for the health, safety, and well-being **of all students** in high-quality, equitable, and environmentally sustainable schools

2019 Bond – Four Pillars

2019 BOND PREPARING FOR THE FUTURE



2019 BOND - Renewal & Re-envision



- Upgrade classrooms and labs
- Improve natural light, air quality, sound
- Enhance performing arts spaces
- Replace musical instruments
- Add social / emotional support areas for counselors, nurses, tutors and speech therapists
- Create STEAM / Makerspace labs
- Address projected growth in student enrollment and overcrowding while maintaining class size
- Collaborative, project-based spaces in all schools
- Build upon long-standing environmental education program with new curricula and instructional models



2019 BOND - Renewal & Re-envision

- Add secure entry vestibules
- Upgrade surveillance cameras and access systems
- Ensure safe drinking water and air quality
- Cook healthy local food in the cafeterias
- Install school gardens
- Enhance playgrounds and athletic facilities
- Upgrade parking lots

SAFETY, HEALTH & WELL-BEING

Focus on Development of
the Whole Child

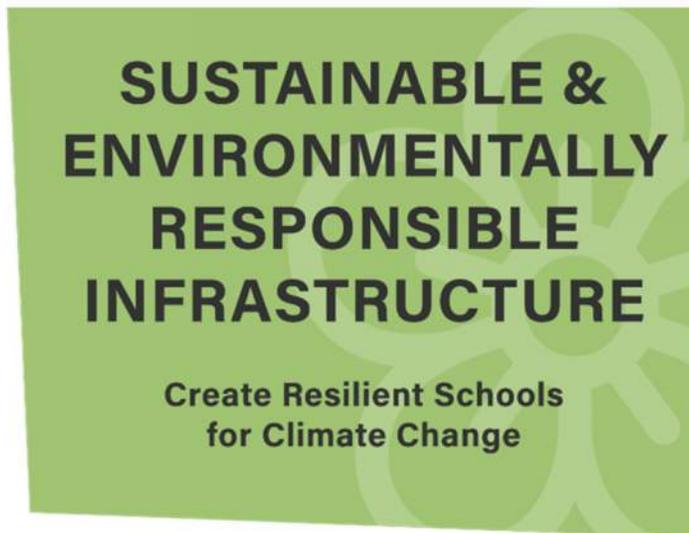
2019 BOND - Renewal & Re-envision

- Add new classroom devices / equipment to support curriculum goals
- Refresh devices and equipment to stay current over next 15-20 years
- Renovate media centers to support digital learning and collaboration
- Continue bus fleet replacement schedule reduce repair costs, stay up-to-date on efficiency improvements, and promote bus fleet safety
- Provide improved custodial, information technology, public address, and audio/visual support spaces

EFFICIENT & EFFECTIVE SUPPORT SYSTEMS & SERVICES

**Continue Technology &
Transportation Replacement and
Renewal**

2019 BOND - Renewal & Re-envision



- Prepare schools to adapt to climate change
- Chart a course for carbon neutrality
- Utilize interior and exterior finishes that are long-lasting and require minimal maintenance and replacement
- Install dimmable LED lighting
- Install renewable solar & geothermal energy sources
- Increase recycling and composting

Phase 2 Capital Program – Site-Related Goals

To ensure safe and secure schools as centers of the community

To prepare our schools to adapt to climate change and act as centers of neighborhood resiliency and, when feasible, to maintain critical life-support conditions in the event of extended power loss, heating fuel or water

To improve school grounds to provide separation of pedestrian, bicycle, car, and bus traffic

Phase 2 Capital Program – Site-Related Goals

To provide opportunities for all students to enjoy physical activity in formal and informal settings

To continue improvement of playgrounds; including age-appropriate equipment, ADA / universal design equipment, and spaces for unstructured, creative play

To continue improvement of sports fields including baseball, softball, soccer, and others, and to repair and modernize playgrounds and athletic facilities, renovating and expanding where needed. To replace or improve elementary 'black top' spaces and basketball hoops

Phase 2 Capital Program – Site-Related Goals

To provide opportunities for students to engage in on-site gardening and food production

To support construction and maintenance of school gardens that include a dedicated water source and outdoor shaded classrooms

To create bio-diverse ecologies on school grounds that support local ecosystems and manage storm water. Promote bio-diversity and healthy sites

Phase 2 Capital Program Plan

School	Phase 1				Phase 2						Phase 3	
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031/2040	
Pathways to Success (13)			Planning		New Construction (Staging Not Required)							
New Mitchell Elementary			Planning		New Construction (Staging Not Required)							
Dicken Elementary (3)			Planning		New Construction (Staging Not Required)							
New Logan Elementary (8)			Planning		New Construction (Staging Not Required)							
Thurston Elementary (18)			Planning		New Construction (Staging Not Required)							
Slauson Middle School (16)				Prep	Major Modernization (Staging Not Required)							
New Middle School Natatorium			Planning		New Construction							
Lakewood Elementary (9)			Planning		New Construction (Staging Not Required)							
New Lawton Elementary			Planning		New Construction (Staging Not Required)							
Old Mitchell Elementary (2)							Stages Prep Stages Burns Park	Summer Stages Angell	Summer Stages Pittsfield			
Burns Park Elementary (4)				Planning		Major Mod. (Stages at Old Mitchell or TBD)						
Old Logan Elementary (8)							Staging Prep Stages King		Conversion to Preschool			
King Elementary (10)				Planning		New Construction (Stages at Old Logan)						
New Wines Elementary				Planning		New Construction (Staging Not Required)						
Angell Elementary (6)							Planning Major Mod. (Stages at Old Mitchell or TBD)					



Phase 2 Capital Program Plan, con't

School / Building	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031/2040	
Old Lawton Elementary (21)								Staging Prep	Stages Eberwhite	Summer	Stages Bach	
Eberwhite Elementary (7)							Planning	Major Modernization (Stages at Old Lawton)				
Bach Elementary (15)							Planning	Major Modernization (Stages at Old Lawton)				
Old Wines Elementary (5)								Staging Prep	Stages A2 STEAM	Summer	Stages Abbot	Summer
A2 STEAM K8 (11)							Planning	Major Modernization (Stages at Old Wines)				
Carpenter Elementary (1)							Planning	New Construction (Staging Not Required)				
Pittsfield Elementary (20)							Planning	New Construction (Stages at Old Mitchell)				
New Preschool (at Old Logan)							Planning	Major Mod.				
Abbot Elementary (22)							Planning	New Construction (Stages at Old Wines)				
Pattengill Elementary (29)								Planning	Major Modernization (Staging Not Required)			
Bryant Elementary (30)								Planning	Major Modernization (Staging Not Required)			
Allen Elementary (31)								Planning	Major Modernization (Staging Not Required)			
Haisley Elementary (28)								Planning	Major Modernization (Staging at Old Wines)			
A2 Open K8 (26)								Planning	Major Modernization (Staging at Old Wines)			
	Phase 1				Phase 2					Phase 3		





Phase 2 Capital Program – Timeline

Mitchell Elementary is the District’s first Elementary Bond Project because it is #2 on the District’s Facilities Condition Assessment (FCA) priority list . . .

. . . and because the Scarlett / Mitchell site can be used for *staging*



School	Ranking
Carpenter	1
Mitchell	2
Dicken	3
Burns Park	4



Phase 2 Capital Program – Staging Considerations

What is Staging and why do we need it?

Staging is the term used to describe when an entire school temporarily moves to another available school location to permit unoccupied construction

The ‘Staging School’ is the school that is temporarily occupied.

Mitchell will be a ‘Staging School’

Where Staging is indicated on the Phase 2 Bond Plan, work will require that students be elsewhere during construction

Phase 2 Capital Program – Staging Considerations

District sites where Staging Schools can be accommodated

Scarlett / Mitchell



Forsythe / Wines



Mitchell – Staging Considerations

Site Capacity for Staging

10 acres = a typical Elementary School in the District

20 acres = a typical Middle School in the District

43 acres = the existing Mitchell / Scarlett Campus

13 acres = surplus capacity

Mitchell Elementary –Timeline



We are now in the Schematic Design Phase, where designs have coalesced to the point that Site Planning is possible

Engagements began with the School Community to develop the Project Program. The process then moved into a phase where the Program was translated into rough building blocks and vetted for conformity

Groundbreaking is expected as early as Fall, 2024. The project is expected to be complete by early Winter, 2027, after which Old Mitchell will be used to stage Burns Park, Angell, and Pittsfield

Mitchell Elementary – History and Facts

Mitchell is a pre-K to fifth-grade International Baccalaureate Elementary school. Mitchell has been in operation on this site since 1951

Scarlett is a sixth through eighth-grade International Baccalaureate Middle School. Scarlett has been in operation on this site since 1972

Housing developments to the west of the site were constructed in the early 60s. Developments to the east were constructed in the early 90s

Mitchell Elementary – 21st Century Schools

New AAPS schools will be designed as student-centric 21st Century learning environments

These are agile learning environments which encourage exploration and collaboration, with ample support spaces

Schools continue to provide more space per student to improve how instruction is delivered and received

Mitchell Elementary – Mission

Mitchell Elementary . . . draws upon the power of a diverse local and global community to support the development of inquiring, knowledgeable and caring young people who contribute to the formation of a more peaceful world through intercultural understanding and respect

Mitchell Elementary – Traffic (Existing)

Midwestern Consulting’s Traffic Study clarifies that the existing traffic-related challenge is that, on average, 24 cars back-up onto Lorraine, queueing prior to drop-off and pick-up times

However, the Study states that once school doors open in the morning (or students are released in the afternoon), traffic movement resolves within 10 to 15 minutes

The Study confirms that traffic at the Platt / Lorraine and Fernwood / Packard signalized intersections is not significantly impacted

Mitchell Elementary – Traffic (During Staging)

The Study indicates that the operation of the Staging School is not expected to significantly impact back-ups or traffic flow on Lorraine

Our initial objective was for traffic on Lorraine to be no worse than it is today while the Staging School was in use

Mitchell Elementary – Traffic (During Staging)

Solutions during Staging School usage include:

- Creating on-site queueing lanes for Mitchell drop-offs and pick-ups to significantly reduce back-ups on Lorraine
- Staggering School start and end times to create traffic lulls between the three schools
- Bringing students from their Staging schools on buses
- *(optional)* Improvements at Scarlett / Fernwood intersection to improve traffic flow at this intersection

Traffic at the Platt / Lorraine and Fernwood / Packard signalized intersections remain unimpacted

Mitchell Elementary – Traffic (After Staging)

The Study forecasts that projected enrollment at Mitchell could increase traffic back-ups on Lorraine by approximately 20 cars

In response, our initial objective was to create conditions where traffic back-ups occurred at least 25% less than they do today, once the Staging school was no longer in use

Mitchell Elementary – Traffic (After Staging)

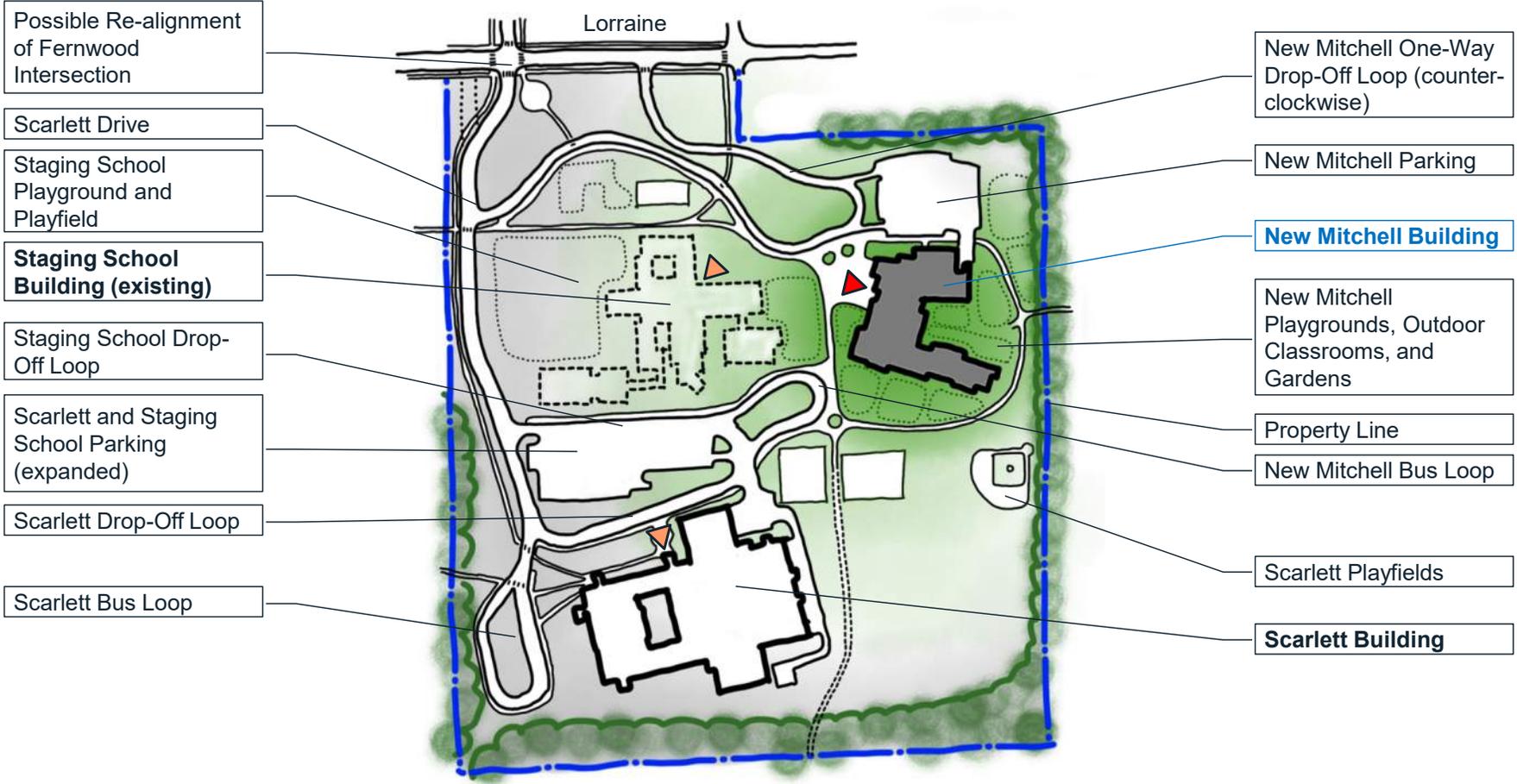
Even with projected enrollment growth, we anticipate at least a 50% reduction in back-ups on Lorraine over today's levels

Solutions for when the Staging School is no longer needed include:

- Continuing the use of the new on-site queueing lanes for Mitchell drop-offs and pick-ups to significantly reduce back-ups on Lorraine
- (optional) Improvements at Scarlett / Fernwood intersection to improve traffic flow at this intersection

Traffic at the Platt / Lorraine and Fernwood / Packard signalized intersections remain unimpacted

Mitchell Elementary – Schematic Site Plan



Thank you for attending tonight!

please visit the Bond Website for regular updates

<https://a2schoolsbond.org>