



Grand Ledge
Public Schools
A Community Committed to Excellence

Proposal 1 - Smarter, Stronger, Safer



Create
↑ **SMARTER** ↓
Schools

- Start district's grade restructuring initiative
- Build additional classrooms
- Improve technology for students & staff



Create
↑ **STRONGER** ↓
Schools

- Upgrade critical needs
- Increase operational efficiencies
- Replace roofs as needed



Create
↑ **SAFER** ↓
Schools

- Provide secure entrances at all schools
- Improve traffic flow
- Replace aging bus fleet as needed

Proposal 2 - Community, Athletics, & Fine Arts

Proposal Two would provide \$29,485,000 for athletic and fine arts building and grounds improvements designed for district and community use:

- Constructing a new pool and support spaces
- Improving fine arts spaces at GLHS by adding a main lobby and support spaces
- Remodeling the old pool for alternative community and athletic uses
- Improving athletic fields and support spaces
- Constructing a new community walking track

Both Bond Proposals Pass Nov. 6, 2018

What were the Election Results for Proposal 1 - School Improvements?

9,284 YES votes 59%

6,454 NO votes

PASSED

What were Election Results for Proposal 2 - Community, Athletics, & Fine Arts?

8,345 YES votes 53%

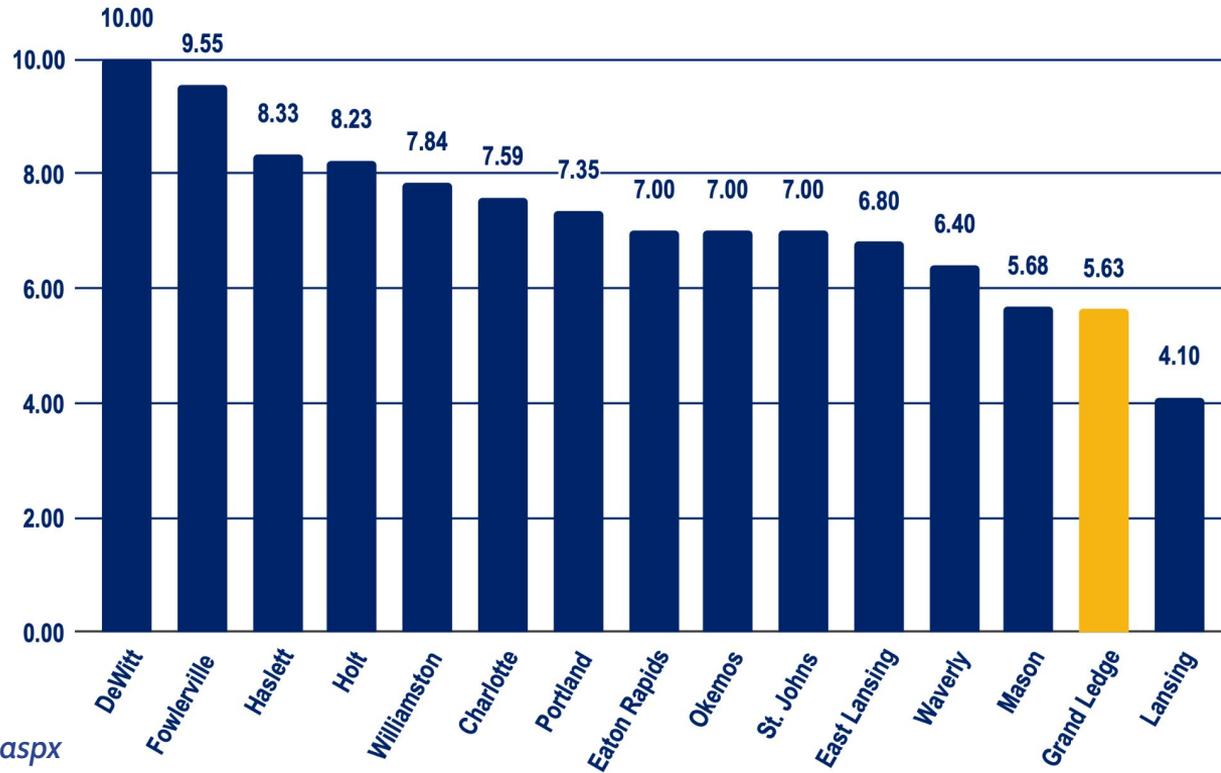
7,364 NO votes

PASSED

Why were bond improvements planned to be completed in three phases?

- Keeps millage rate low
- Maximizes planning time
- Provides adequate time for construction
- Adds technology in all three phases
- Adds buses & transportation improvements in all three phases

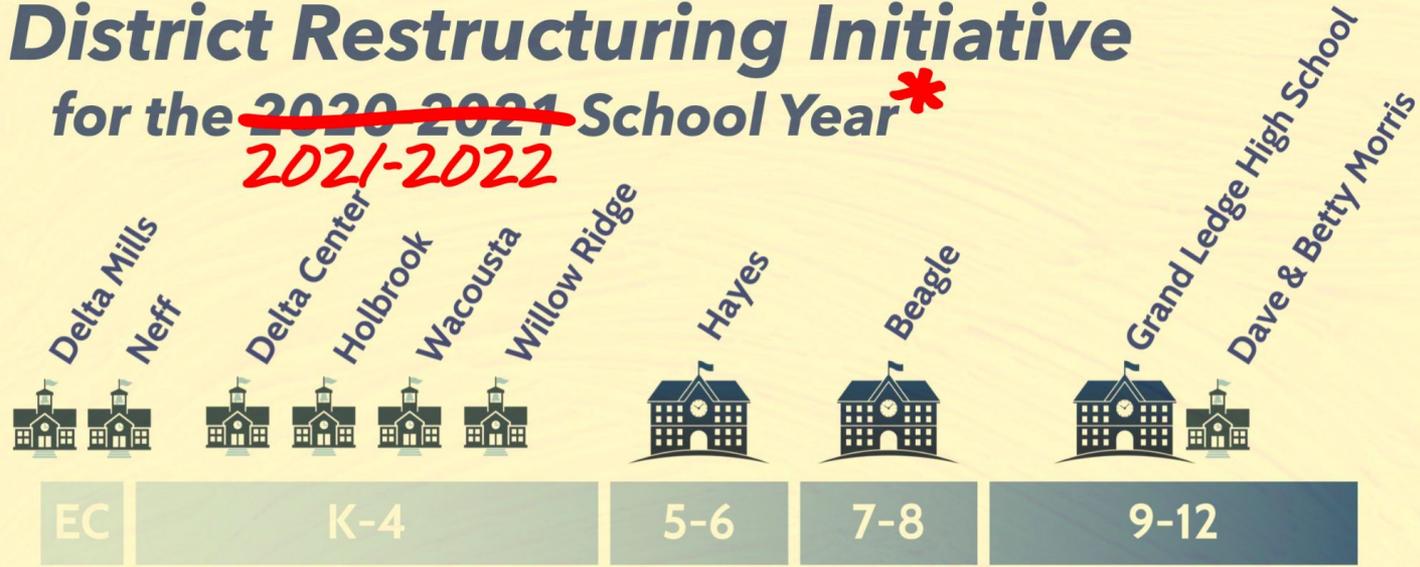
Millage Rate is 2nd Lowest in C.A.A.C.



Source: rates retrieved in May, 2022,
from Michigan's Department of Treasury via
<https://eequal.bsasoftware.com/MillageSearch.aspx>

Oct.,
2019...
Change
of Plans

District Restructuring Initiative for the ~~2020-2021~~ School Year* *2021-2022*



More Time to Plan!



Bond Improvements

Phase 1



Major Projects for Phase 1

- ✓ Transition to Holbrook Elementary for Grades K-4
- ✓ Transition to Beagle Middle School for Grades 7-8
- ✓ Build New Competition Pool
- ✓ Add M-43 Connection

Proposal 2 - Community, Athletics, & Fine Arts

Proposal Two would provide \$29,485,000 for athletic and fine arts building and grounds improvements designed for district and community use:

- ✓ New Track & Field facility (because of M-43 Connection)



HOLBROOK ELEMENTARY SCHOOL

HOLBROOK ELEMENTARY
GRAND LEDGE PUBLIC SCHOOLS

615 JONES STREET

***New Secure Entrance
& New Traffic Flow***



6 New Classrooms on 1st Floor
9 New Classrooms on 2nd Floor



***New Multipurpose Gym,
New Playground, & New Bus Loop***



KENNETH T. BEAGLE MIDDLE SCHOOL

MAIN ENTRANCE

***New Secure Entrance, New Traffic Flow,
Expanded Cafeteria & Serving Areas***



14 New Academic Classrooms

The image shows the exterior of a modern brick building with large windows and a glass entrance. A prominent yellow pillar stands in the foreground. The sky is blue with scattered white clouds. The ground is a light-colored concrete plaza. The text "2 New Music Classrooms" is overlaid in a blue font on a white background at the bottom left.

2 New Music Classrooms



New Competition Gym



AQUATIC CENTER
GRAND LEDGE PUBLIC SCHOOLS

New Competition Pool



**POOL SPECTATOR
AREA (Upstairs)** →
COMPETITION POOL ←
CAFETERIA
GYMNASIUMS
ELEVATOR
RESTROOMS

Competition Pool Entrance



Spectator Level



Pool Deck Level

An aerial photograph of a school campus. The image shows several buildings, parking lots, and sports facilities. In the foreground, there is a large, oval-shaped track and field facility with a green field in the center. The field has "ARABO LEMON" written on the top end and "SPORTS CENTER" on the bottom end. To the left of the track, there is a large, circular area that appears to be under construction or recently completed. In the background, there are several large buildings, likely classrooms or administrative buildings, and several parking lots. There are also several baseball fields and tennis courts visible. The overall scene is a well-developed school campus with various sports and academic facilities.

Additional Parking

***New Track &
Field Facility***

M-43 Connection to Secondary Campus

8-Lane Track & Multipurpose Turf Field



8-Lane Track & Multipurpose Turf Field





Ticket Booths, Concessions, & Restrooms



MIDDLE SCHOOL
TRACK + FIELD
Girls Records

HIGH SCHOOL
TRACK + FIELD
Boys Records

Record Boards

Keep in mind: 2022 is NOT 2018

More on this later... but timelines and projects have been adjusted already for Phase 2 because of the realities of 2022.

2022 ≠ 2018

Bond Improvements

Phase 2



Major Projects for Phase 2

- ✓ Improvements to Grand Ledge High School
- ✓ Remodel Old Pool for Community Use
- ✓ Improvements at Delta Center Elementary
- ✓ Build a New Wacousta Elementary

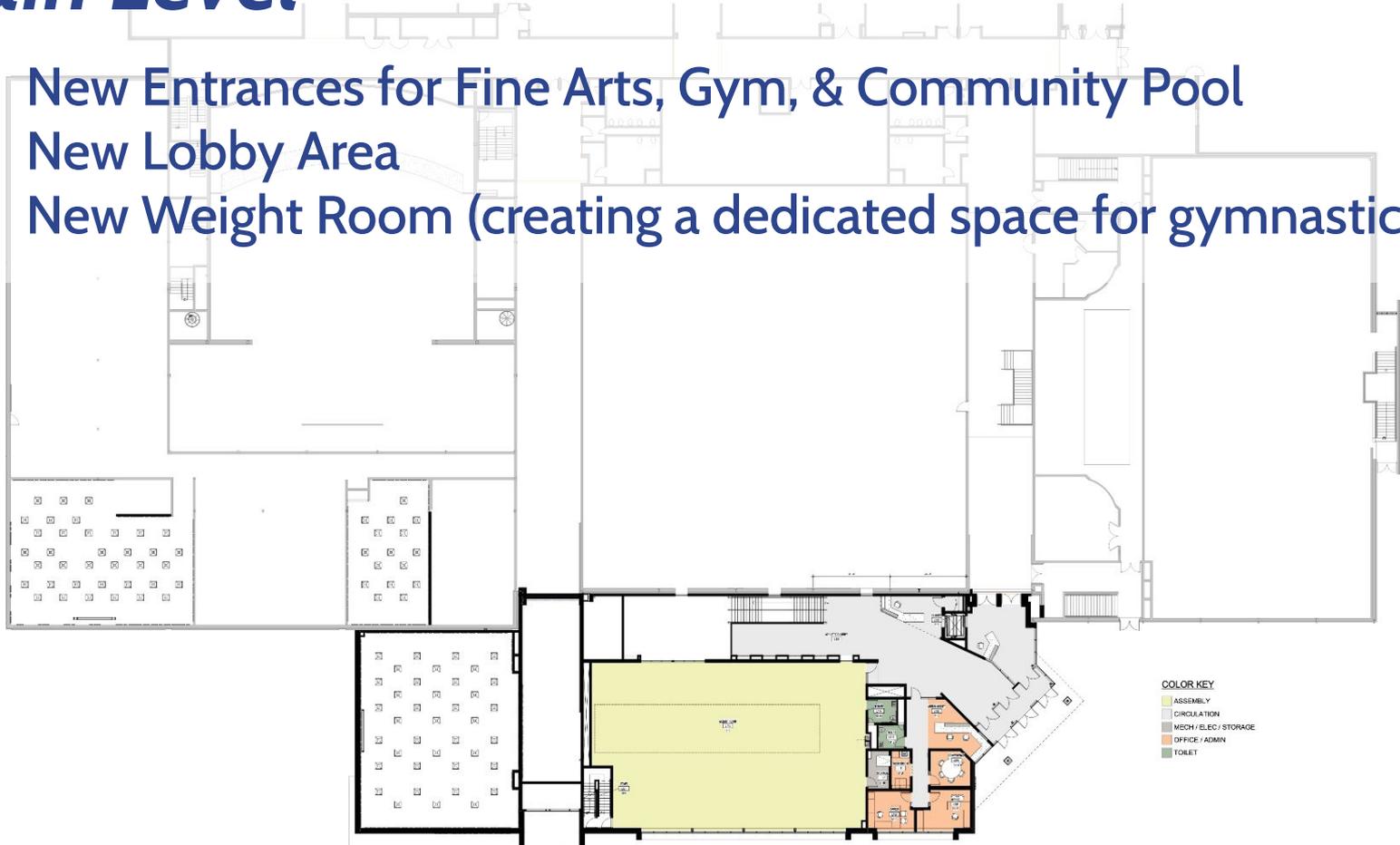
Fine Arts & Athletic Addition to GLHS

This is a conceptual rendering of the finished project...



Main Level

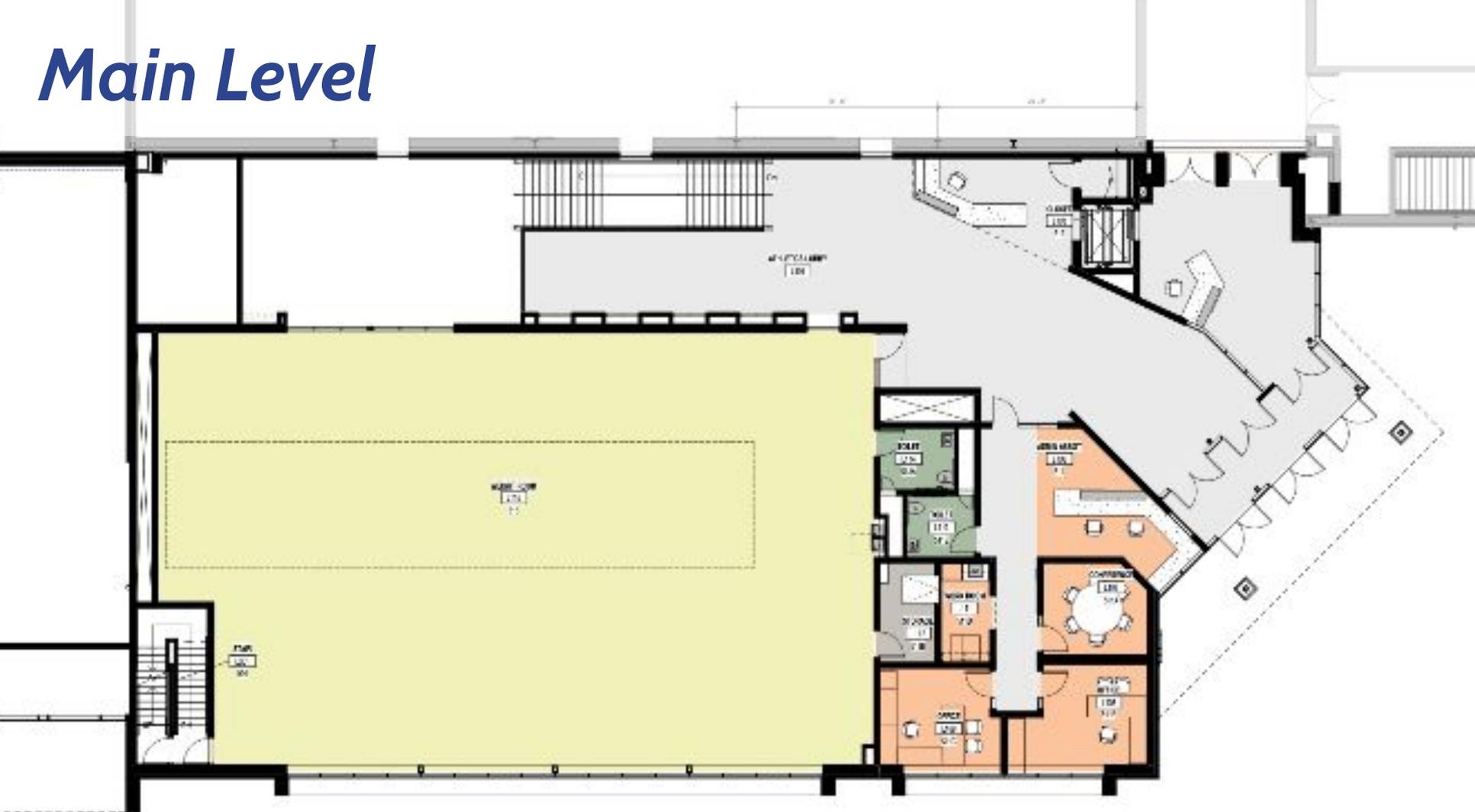
- New Entrances for Fine Arts, Gym, & Community Pool
- New Lobby Area
- New Weight Room (creating a dedicated space for gymnastics)



Main Level Entrance (conceptual rendering)



Main Level



Lower Level

- New Band Room (choir moves to bigger, old band room)
- Fine Arts Storage Improvements
- New Lobby Area
- New Concession Area
- New Locker Rooms & Training Room (with exterior doors)
- Auditorium Improvements



GRAND LEDGE FINE ARTS



Lower Level Entrance (conceptual rendering)



Lower Level Lobby (conceptual rendering)

Lower Level



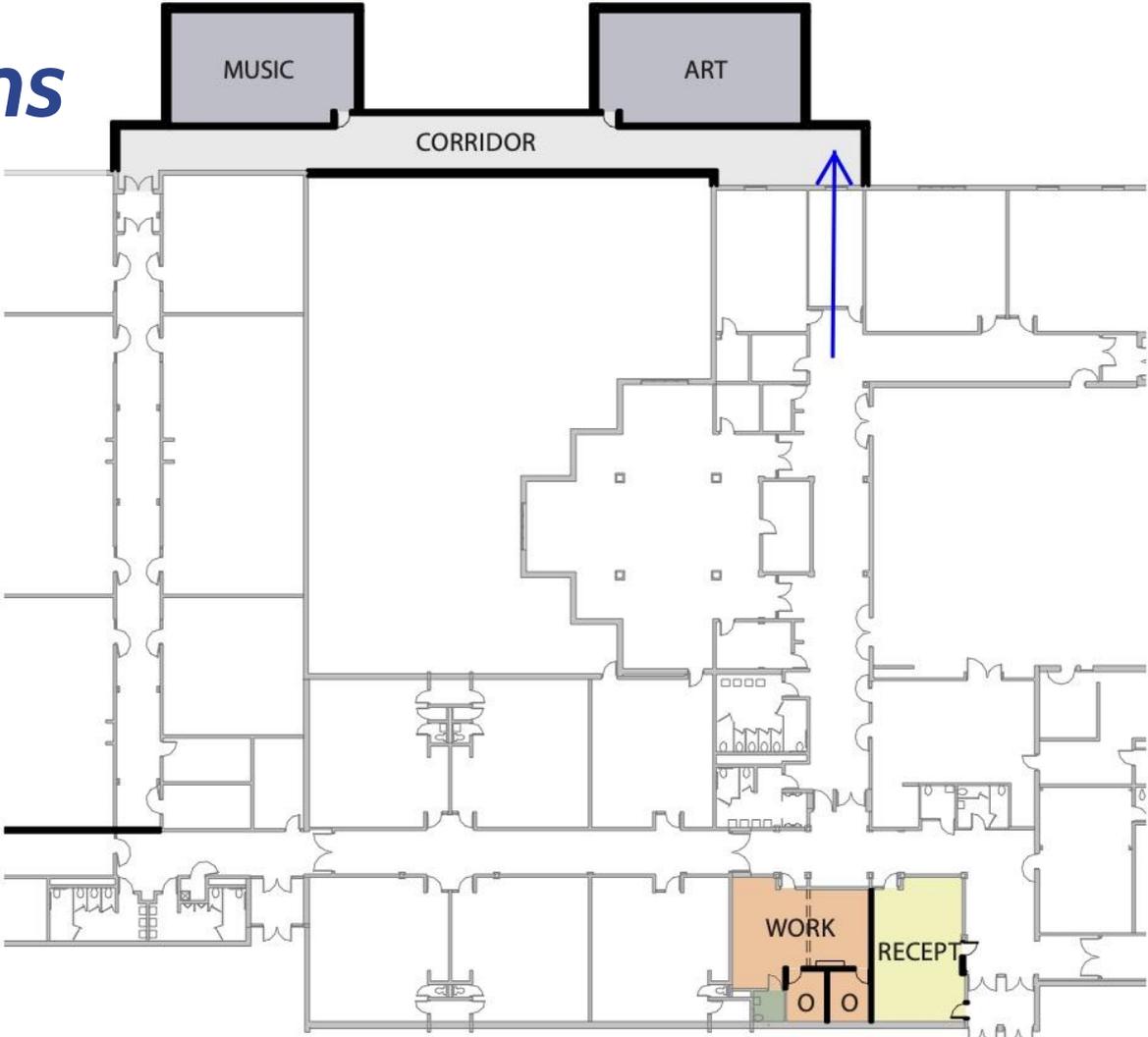
Delta Center... Groundbreaking in Fall 2022

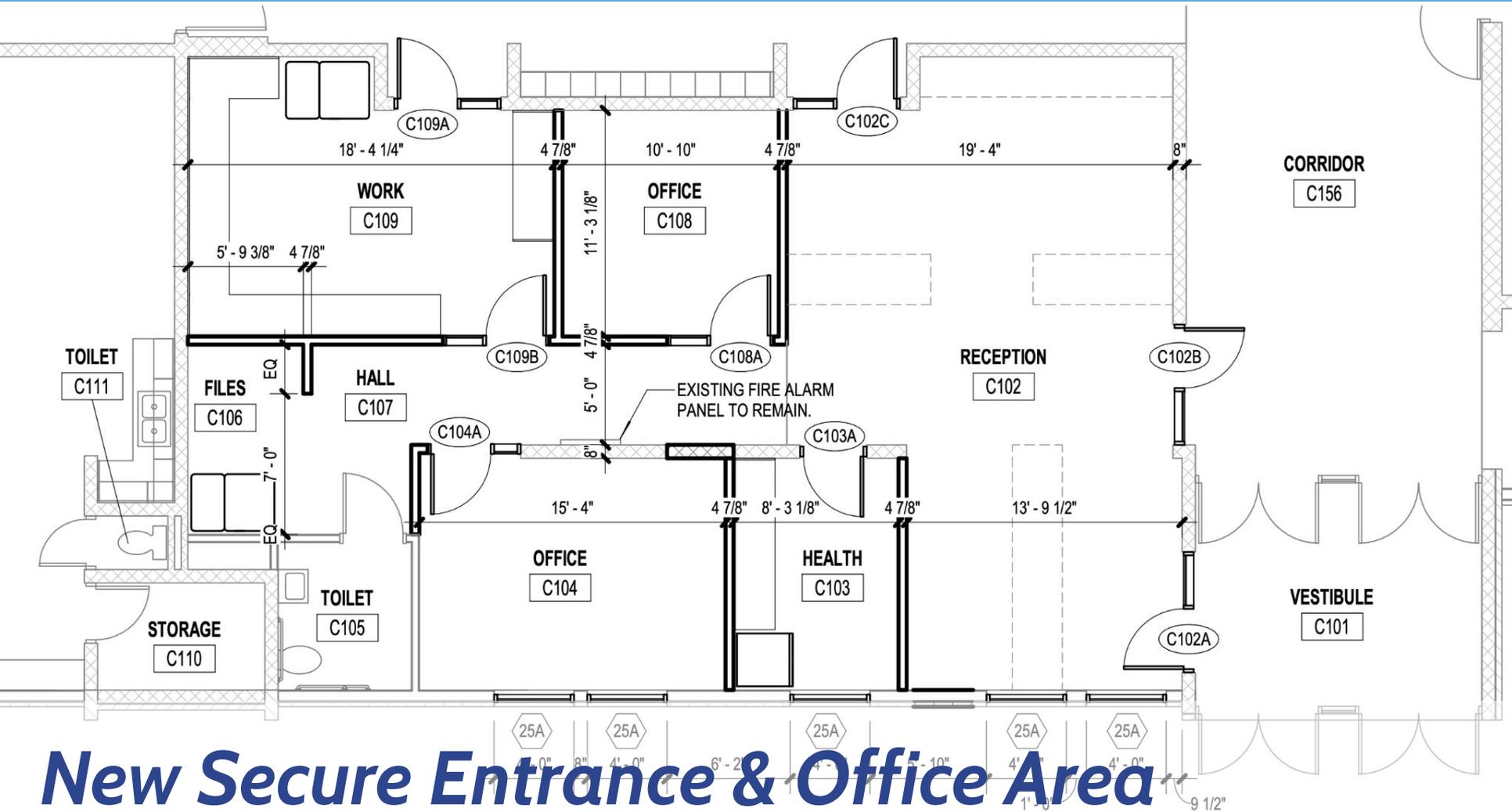
- 2 New Classrooms – Music & Art
- New Hallway for Improved Student & Staff Circulation
- New Secure Entrance & Office Area
- New Connection to Michigan for Improved Traffic Flow
- Elimination of Portable classroom
- *Multipurpose Gym planned for phase 3; infrastructure work now*



Typical, Crowded Delta Center Hallway

2 New Classrooms & New Hallway

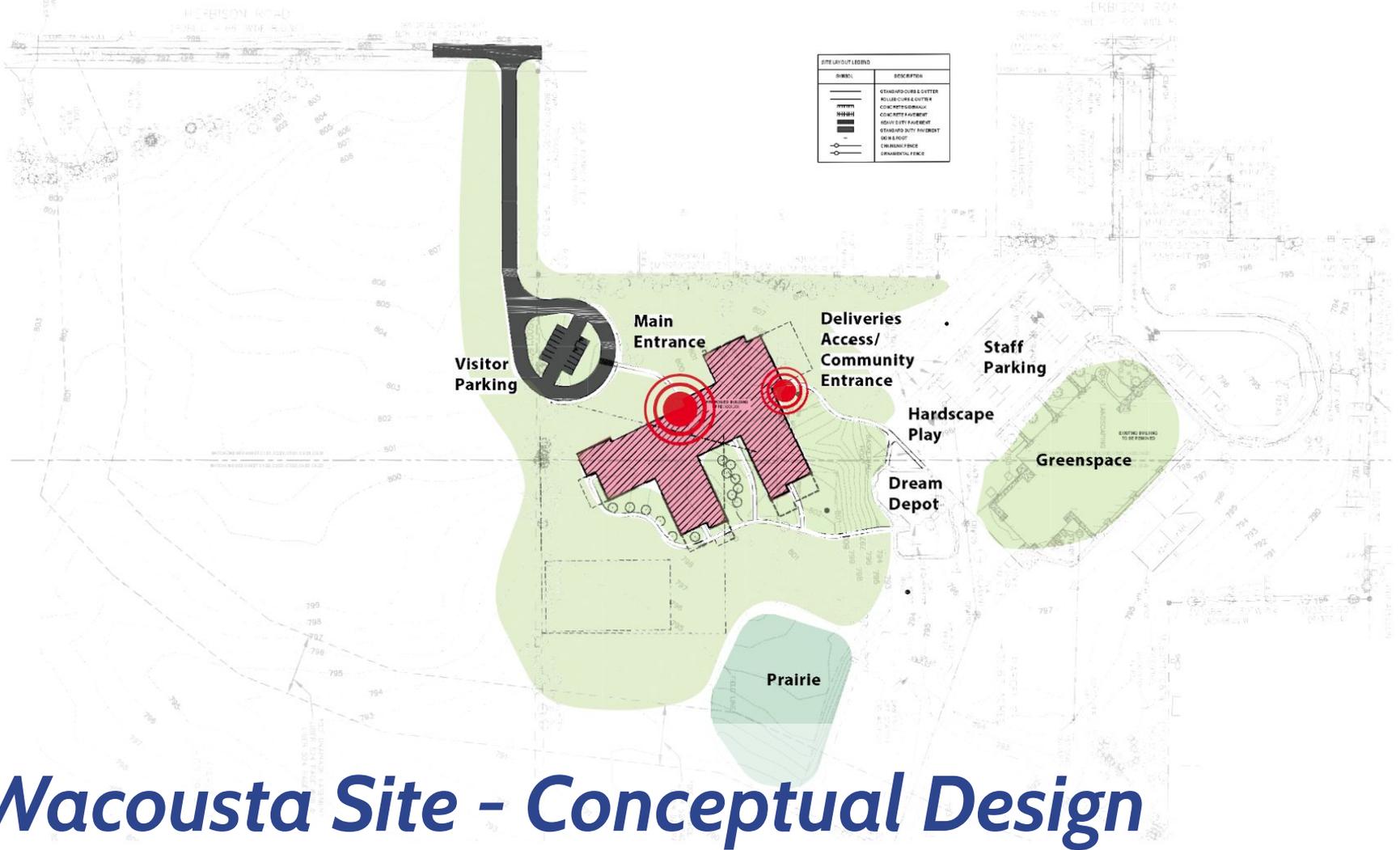




New Secure Entrance & Office Area

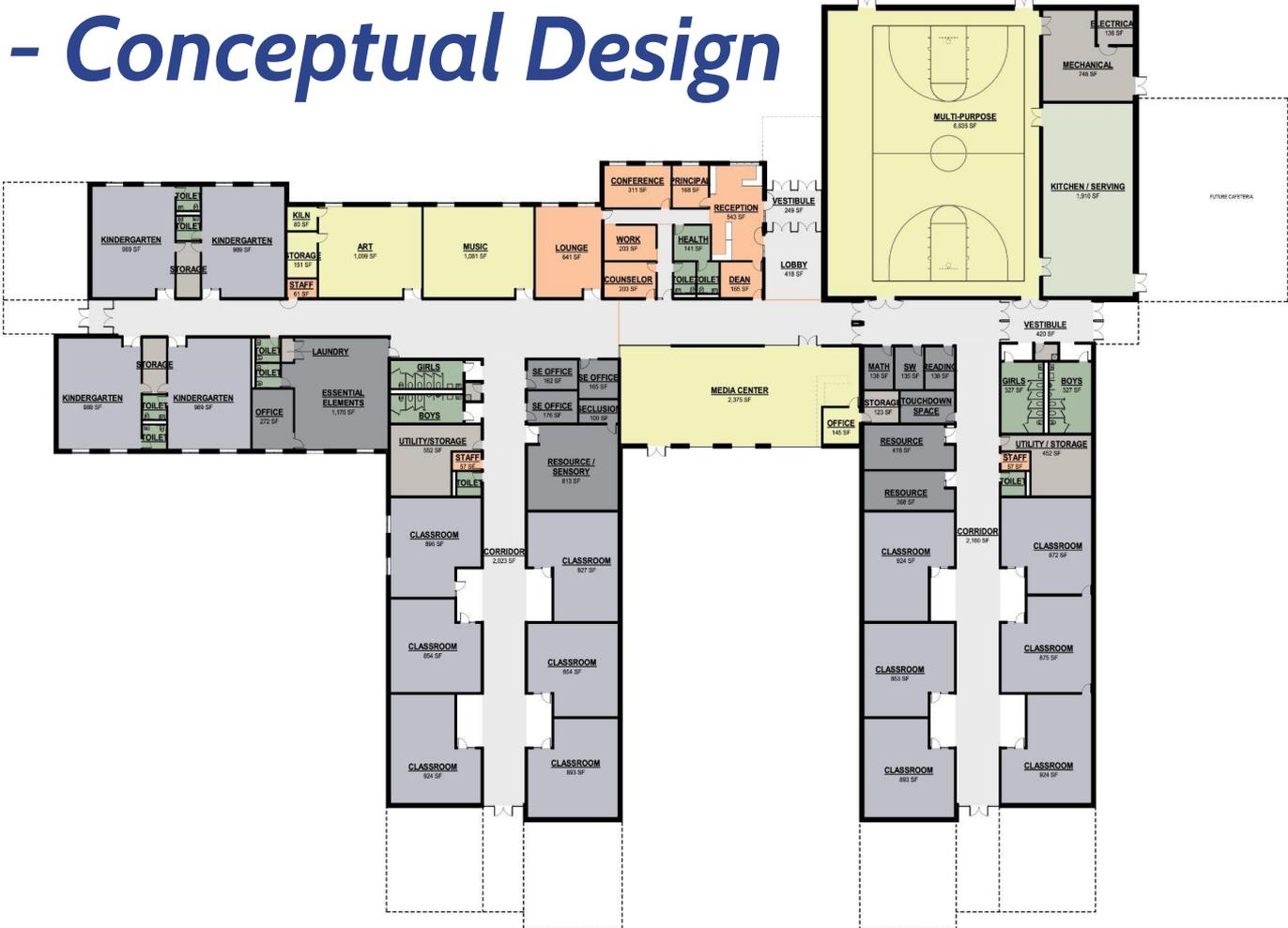
NEW Wacousta... Finishing Design Phase

- Did I say NEW?
 - NEW Wacousta is being designed to remain a 3-section building
- Dream Depot 2.0 remains!
- NEW Secure Entrance
- NEW Classrooms
- NEW Second Entrance on Herbison for Improved Traffic Flow



Wacousta Site - Conceptual Design

Wacousta - Conceptual Design



2022 is NOT 2018 – Construction Woes

“Two years after the coronavirus pandemic struck, the U.S. construction industry is still experiencing multiple impacts. Unprecedented increases in materials costs, supply-chain disruptions, and an increasingly tight labor market have made life difficult for contractors and owners alike.”

~ Associated General Contractors Construction Inflation Alert, Feb. 2022

2022 ≠ 2018

2022 is NOT 2018 – Fuel Prices Increases

THEN: \$2.69 per gallon of GAS - week ending Nov. 12, 2018

NOW: \$4.33 per gallon of GAS - week ending May 9, 2022

→ 60% increase in the cost of GAS

THEN: \$3.32 per gallon of DIESEL - week ending Nov. 12, 2018

NOW: \$5.62 per gallon of DIESEL - week ending May 9, 2022

→ 69% increase in the cost of DIESEL

Sources: https://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=EMM_EP_MR_PTE_NUS_DPG&f=W
https://www.eia.gov/opendata/v1/qb.php?sdid=PET.EMD_EPD2D_PTE_NUS_DPG.W

2022 is NOT 2018 – Increased Costs Nonresidential Construction PPI

Producer Price Index (PPI) for Nonresidential Construction, measuring the change over time in the prices domestic producers receive for their output.

THEN: 117.000 PPI in November 2018

NOW: 160.737 PPI in March 2022

→ **37% increase in Nonresidential Construction PPI**

Source: <https://fred.stlouisfed.org/series/WPUIP2312001>

2022 is NOT 2018 – Increased Costs Iron & Steel PPI

Producer Price Index (PPI) for Iron & Steel, measuring the change over time in the prices domestic producers receive for their output.

THEN: 246.700 PPI in November 2018

NOW: 402.512 PPI in April 2022

→ 63% increase in Iron & Steel PPI

Source: <https://fred.stlouisfed.org/series/WPU101>

2022 is NOT 2018 – Supply Chain Delays

Current material shortages include a multitude of products essential to achieving planned project completion dates. Current material lead times in many cases have increased by as much as six months. Some of the most critical materials essential to meeting our bond project schedules include the following:

<u>Material</u>	<u>Current Lead Time (Months)</u>
● Steel Joists	12 – 14
● Metal Decking	4 – 5
● Roofing Insulation	11 – 12
● Mechanical Rooftop Units	7 – 10
● Electronic Panels	10 – 12
● Electrical Generators	10 – 12
● Wood Doors	4 – 6
● Metal Door Frames	4 – 5
● Lockers	3 – 5

2022 is NOT 2018 – Trade Labor Shortages

According to Clark Construction, construction trade labor shortages are expected to continue through 2022 and beyond. Labor shortages are causing greater challenges in regard to quality of workmanship and meeting project schedules.



2022 is NOT 2018 – PLANS MUST CHANGE!

Bond budgets were created in the reality that was 2018... and that reality no longer exists in 2022... so PLANS MUST CHANGE!

2022 ≠ 2018

Bond Improvements

Phase 3

3



Major Projects for Phase 3

- Improvements to Grand Ledge High School
- Improvements to Hayes Intermediate
- Improvements to Willow Ridge Elementary
- Improvements to Neff Early Childhood Center
- Build Dave & Betty Morris Building

Morris Property Plans?

- Given 2022 issues, the \$3,000,000 allocated will not be able to do what we had hoped to do. Is it better to move this \$3,000,000 to other bond projects?
Wacousta? Delta Center?
- Option to move a portable classroom to the property with minimal infrastructure?
- Plans must change... 2022 is not 2018!



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#PROUDTOBEACOMET

