

CONGRATULATIONS STATE CHAMPIONS!





Canfield High School

Building Review
December 7, 2022



WELCOME

AGENDA

Building Overview
Building Assessment
Next Steps
Building Tour





CANFIELD HIGH SCHOOL OVERVIEW

Michael Moldovan, Principal



CANFIELD HIGH SCHOOL OVERVIEW

Number of Staff: 97

Number of Students: 725

Built: 1966

Addition: 1999

STRENGTHS:

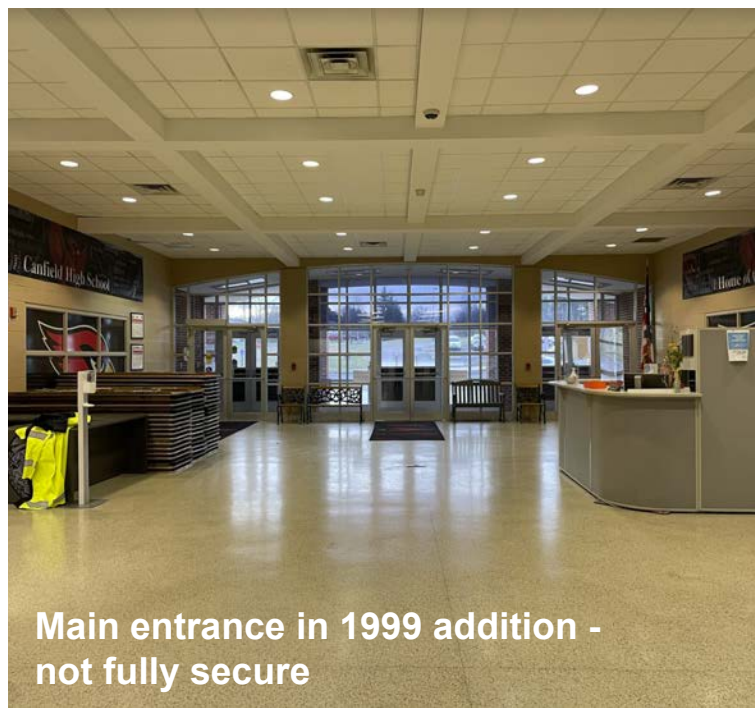
- Location
- Building Security
- Parking
- Athletic fields
- Baseball/Softball building
- Overall size of school
- Auditorium/Band room

CHALLENGES:

- Foundation
- Building leaks
- Auditorium floor issues from moisture
- Obstacles with wifi/cellular service
- Entry security vestibule
- Varying classroom size
- Lack of natural lighting and exterior site
- Lack of storage areas
- Lack of flexible spaces
- Parking lot flooding/deterioration



Roof leaks causing damage



Main entrance in 1999 addition - not fully secure



HVAC system / boilers challenging to control temperature



Wall movement occurring in several locations



Classroom - Lack of storage, no natural light, poor temperature control, small size

AGENDA

Building Overview

Building Assessment

Next Steps

Building Tour



METHODOLOGY

Facilities Assessment/Validation Report

- Identifies items in need of replacement due to age, condition, or non compliance with current school standards in Ohio
- Living document which is updated regularly to capture changes in condition and/or recent improvements
- Guides in the master planning decision process
- Provides community with updated transparent information

Basis of Analysis

- Ohio School Design Manual Standards for K-12 Construction
- Building Code & ADA Regulations
- Ohio Facilities Construction Commission Cost Guidelines 2022

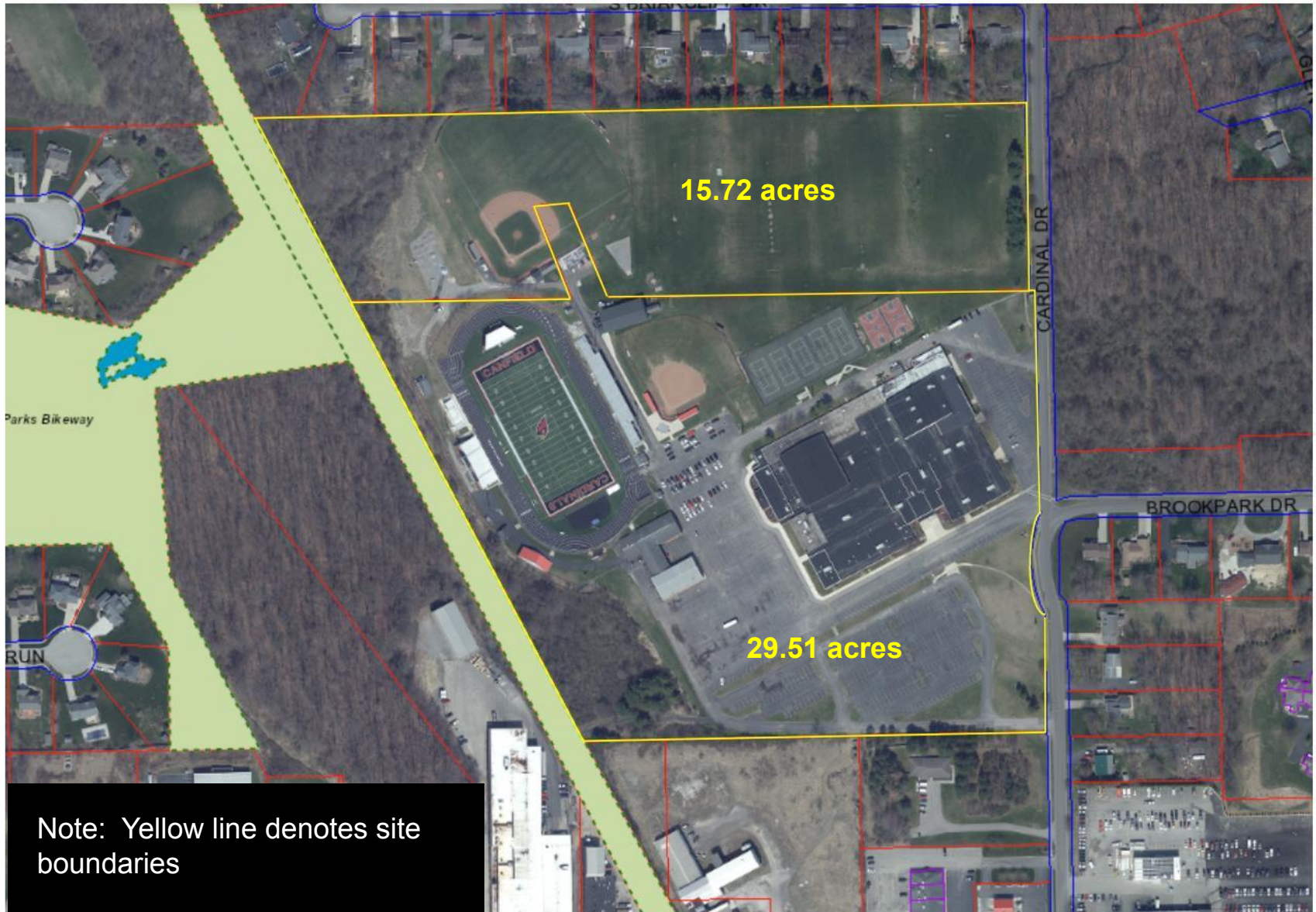
23 POINT CHECKLIST: “A-W ITEMS”

| | |
|---------------------------------|-------------------------------|
| A. HVAC | M. Emergency /Egress Lighting |
| B. Roofing | N. Fire Alarm System |
| C. Air Conditioning/Ventilation | O. Handicapped access |
| D. Electrical System | P. Site Condition |
| E. Plumbing & Fixtures | Q. Sewage System |
| F. Windows | R. Water Supply |
| G. Structure: Foundation | S. Exterior Doors |
| H. Structure: Walls & Chimneys | T. Hazardous Material |
| I. Structure: Floors & Roofs | U. Life Safety |
| J. General Finishes | V. Loose Furnishings |
| K. Interior Lighting | W. Technology |
| L. Security Systems | |

ASSESSMENT FINDINGS

| CANFIELD HIGH SCHOOL | | | | |
|---------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------|---------------------|--------------------------------------------------------|
| Facilities Assessment Cost Summary - OFCC Updated October 2022 | | | | |
| | Item | 2018 Schorr Assessment with 2021 Cost Set Applied | 2021 TDA Validation | Current October 2022 Assessment Cost Set Applied |
| A. | Heating System | \$ 6,591,393.00 | \$ 6,591,393.00 | \$ 9,613,267.95 |
| B. | Roofing | \$ 2,439,149.50 | \$ 2,525,599.50 | \$ 3,991,228.45 |
| C. | Ventilation / Air Conditioning | \$ 25,000.00 | \$ 25,000.00 | \$ 29,317.50 |
| D. | Electrical Systems | \$ 3,926,961.75 | \$ 3,926,961.75 | \$ 5,528,899.80 |
| E. | Plumbing and Fixtures | \$ 1,481,155.00 | \$ 1,500,355.00 | \$ 1,757,891.18 |
| F. | Windows | \$ 154,356.00 | \$ 356,108.80 | \$ 417,613.89 |
| G. | Structure: Foundation | \$ - | \$ - | \$ - |
| H. | Structure: Walls and Chimneys | \$ 53,500.00 | \$ 53,500.00 | \$ 63,450.00 |
| I. | Structures: Floors and Roofs | \$ - | \$ 1,546,167.00 | \$ 1,809,015.39 |
| J. | General Finishes | \$ 3,828,078.69 | \$ 4,257,824.69 | \$ 6,149,946.90 |
| K. | Interior Lighting | \$ 1,065,772.50 | \$ 1,065,772.50 | \$ 1,249,413.30 |
| L. | Security Systems | \$ 631,265.25 | \$ 631,265.25 | \$ 739,482.15 |
| M. | Emergency /Egress Lighting | \$ 163,965.00 | \$ 163,965.00 | \$ 191,839.05 |
| N. | Fire Alarm | \$ 401,714.25 | \$ 401,714.25 | \$ 577,156.80 |
| O. | Handicapped Access | \$ 476,293.00 | \$ 477,293.00 | \$ 558,977.10 |
| P. | Site Condition | \$ 1,472,749.30 | \$ 1,475,149.30 | \$ 1,714,138.27 |
| Q. | Sewage System | \$ - | \$ - | \$ - |
| R. | Water Supply | \$ - | \$ - | \$ - |
| S. | Exterior Doors | \$ 79,000.00 | \$ 101,500.00 | \$ 119,029.05 |
| T. | Hazardous Material | \$ 53,583.00 | \$ 53,583.00 | \$ 62,870.72 |
| U. | Life Safety | \$ 554,688.00 | \$ 567,688.00 | \$ 772,229.50 |
| V. | Loose Furnishings | \$ 1,065,772.50 | \$ 1,065,772.50 | \$ 1,249,413.30 |
| W. | Technology | \$ 1,475,685.00 | \$ 1,475,685.00 | \$ 1,729,830.75 |
| | Subtotal: | \$ 25,940,081.74 | \$ 28,262,297.54 | \$ 38,325,011.05 |
| X. | Construction Contingency - 7% | \$ 1,815,805.72 | \$ 1,978,360.83 | \$ 2,682,750.77 |
| | | | | |
| | Subtotal | \$ 27,755,887.46 | \$ 30,240,658.37 | \$ 41,007,761.82 |
| | | | | |
| | Non Construction Contingency - 16.29% | \$ 4,521,434.07 | \$ 4,926,203.25 | \$ 6,680,164.40 |
| | | | | |
| | Subtotal | \$ 32,277,321.53 | \$ 35,166,861.62 | \$ 47,687,926.22 |
| | | | | |
| Total Cost regional cost factor applied (106.4 in 2021 - 105.52 in 2022): | | \$ 34,343,070.11 | \$ 37,417,540.76 | \$ 50,320,299.75 |
| | | | | |
| Grand Total Budget | | \$ 34,343,070.11 | \$ 37,417,540.76 | \$ 50,320,299.75 |

ASSESSMENT - SITE ANALYSIS



ASSESSMENT - SITE ANALYSIS



CHS sits on a slightly sloped 45 acre site that features limited tree landscaping. The site is suitable for outdoor learning, and exceeds OSDM recommendations of 42 acres for the current enrollment.

ASSESSMENT - SITE ANALYSIS

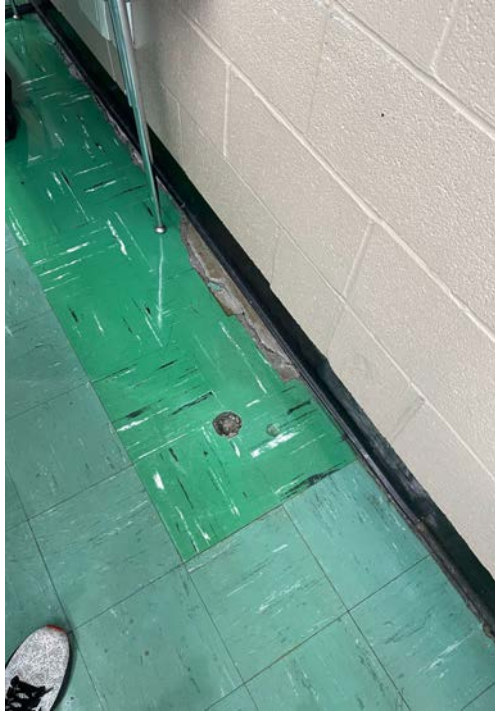


Site slopes downward to the parking lot area, creating ponding of water in the parking lot, which when freezes, becomes a potentially hazardous condition.

The overall condition of the asphalt parking is in poor / deteriorating condition, and the concrete sidewalks range in condition from good to poor.



ASSESSMENT - BUILDING CONDITION



FLOOR/WALL SEPARATION & SETTLEMENT:

Areas of significant wall cracking have occurred in the general vicinity of the kitchen area which appears to be from foundation settlement. Additional areas on the east side of the building were observed and areas of wall and floor separation in Room 110.

ASSESSMENT - BUILDING CONDITION



BUILDING ENVELOPE:

The overall condition of the exterior masonry and roof ranges in condition from good to poor condition. Some areas of roof have been replaced recently, while there are several other locations in poor condition with active leaking. The majority of windows and doors have reached/exceeded their natural life span and are due for replacement.



ASSESSMENT - BUILDING CONDITION



GENERAL FINISHES:

The finishes throughout the building range in terms of quality of materials, age and condition, from good to poor.

ASSESSMENT - BUILDING CONDITION



BUILDING SYSTEMS (HVAC, ELEC., ETC.): The district has recently embarked on a 3-year replacement project of all Roof-Top Units (RTU's). However, other HVAC system components as well as electrical system components are outdated and do not meet all code and OSDM requirements.

ASSESSMENT - BUILDING CONDITION



ADA ACCESSIBILITY:

Many ADA improvements have been incorporated into the building in order to meet ADA requirements, such as ramps, ADA power assist door, and ADA restrooms. However, there are still ADA barriers present in this building, such as accessible locker room showers and some space allowances and reach ranges are not compliant.



ASSESSMENT - BUILDING CONDITION



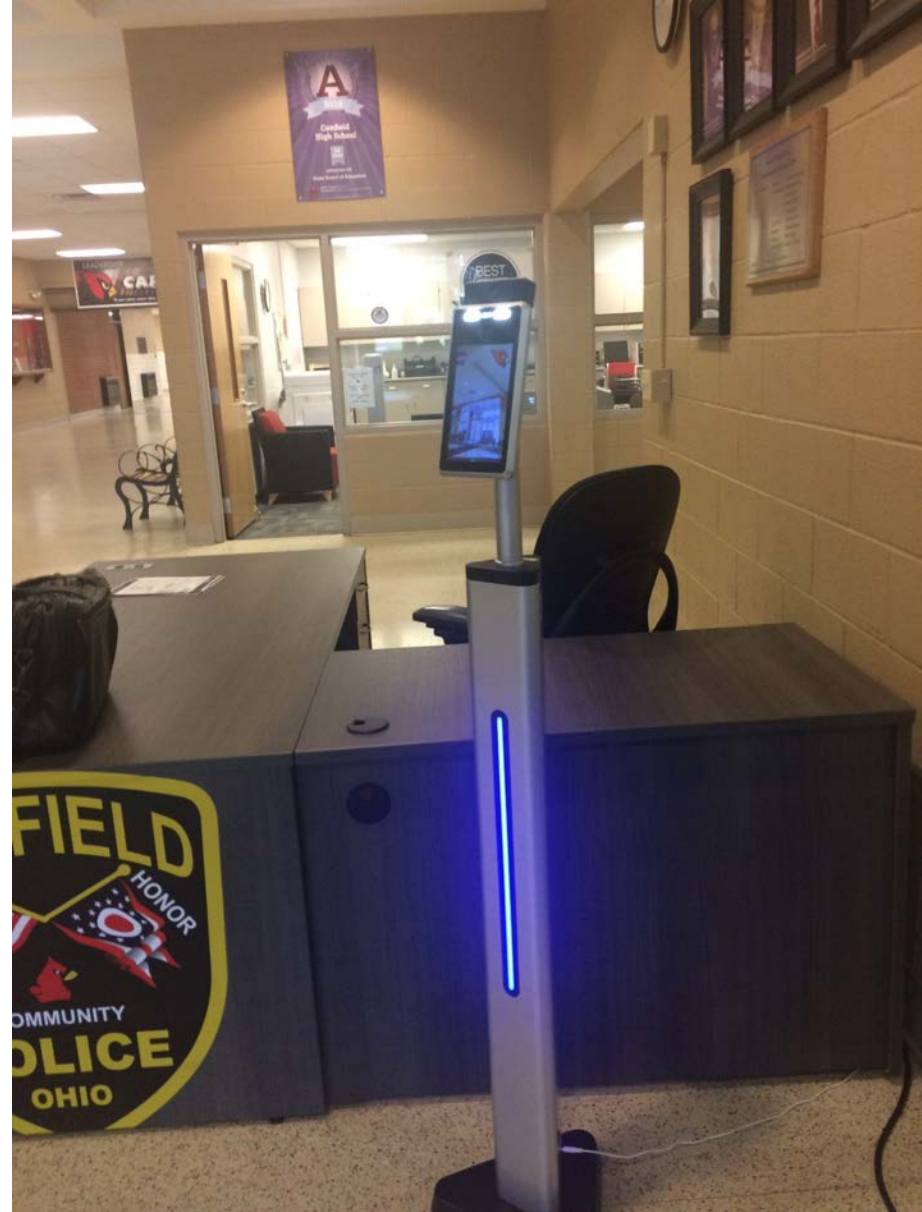
ANCILLARY SYSTEMS:

Many building support systems are inadequately provided, some do not meet current code and OSDM standards such as emergency lighting & fire alarms systems, and others are non-existent, such as a sprinkler system.

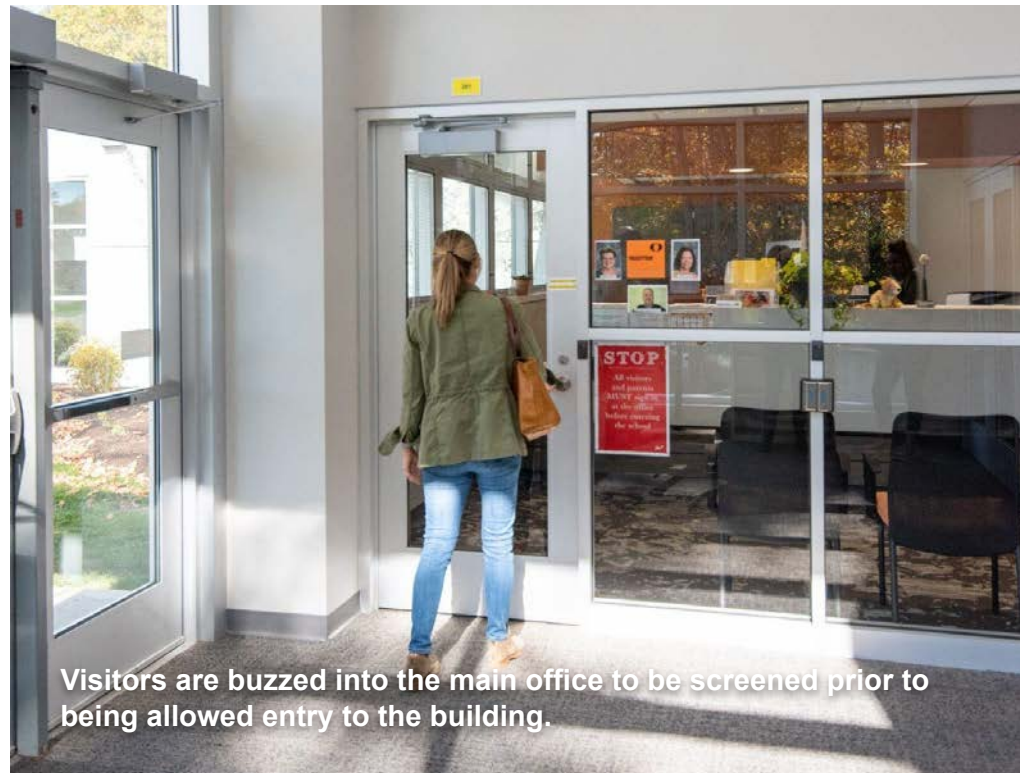
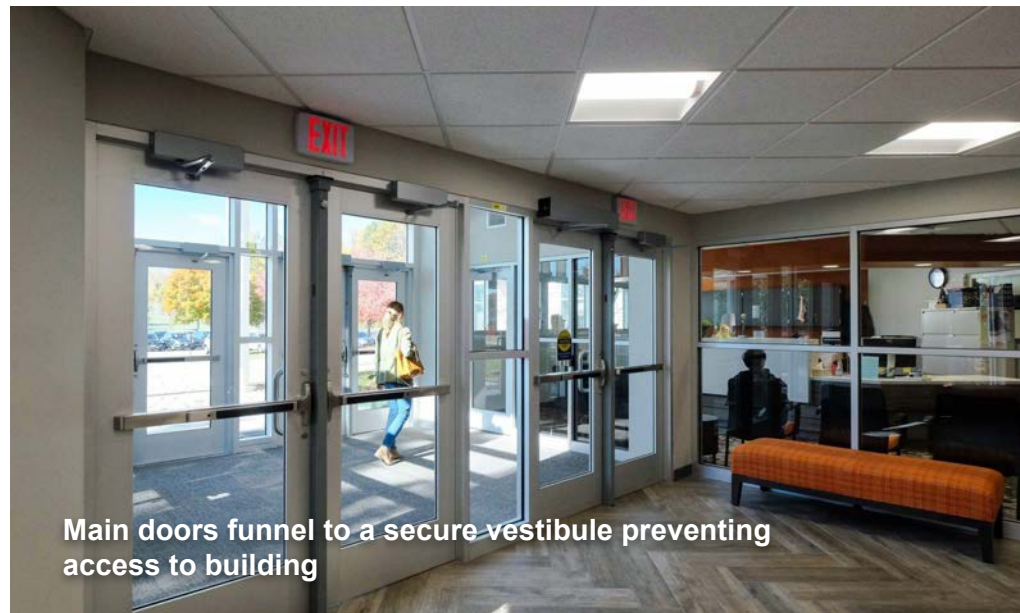
EDUCATIONAL ADEQUACY

| Canfield High School | Existing SF | Recommended SF | Delta |
|----------------------|-------------|----------------|-------------|
| Average Classroom | 700-900 SF | 900 SF | -200 / 0 SF |
| Gymnasium | 11,997 SF | 12,400 SF | -403 SF |
| Cafeteria | 7,042 SF | 5,081 SF | +1,961 SF |
| Kitchen | 1,765 SF | 3,049 SF | -1,284 SF |
| Media Center | 8,897 SF | 3,049 SF | +5,848 SF |
| Auditorium | 5,722 SF | n/a | +5,722 SF |

SAFETY & SECURITY



SAFETY & SECURITY





PLANNING ROADMAP

EXISTING BUILDING DATA REVIEW & TOURS

OCTOBER - DECEMBER 2022



- Review and evaluate building data and costs
 - Assessment validations, educational adequacy, site analysis
- Building tours

EDUCATIONAL VISIONING SESSION

JANUARY 23, 2023



- Collaborative information gathering session to inform direction for facilities
- Serves as foundation for the master planning process

MASTER PLAN OPTIONS

JANUARY - APRIL 2023



- Investigate various master plan options and associated costs
- Explore site options
- Discuss pros/cons

RECOMMENDATION TO BOARD OF EDUCATION

APRIL 2023



- Provide consensus master plan option to the Board of Education

**Meeting set for
Monday, January 23**

FACILITY PLANNING COMMITTEE



Purpose and Goals

- Determine a solution to current facility challenges
- Appropriately plan for the future - Ensure facilities properly support the educational program
- Evaluate data and costs to address facility issues
- Examine the impact of well-designed educational architecture on districts
- Investigate master plan options and costs
- Identify and address community concerns
- **Make a consensus Master Plan recommendation to the Board of Education**
- **Registration closes on Friday, December 9**

STAY INFORMED



C. H. Campbell Elementary School

As a community, we educate, motivate, and innovate for individual lifelong success.

[OUR DISTRICT](#)
[OUR SCHOOLS](#)
[OUR STUDENTS](#)
[OUR PARENTS](#)
[ATHLETIC DEPARTMENT](#)
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Community Awareness Meeting

October 19th 6PM-7PM at Hilltop Elementary School

October 26th 6PM-7PM at C.H. Campbell Elementary School

November 16th 6PM-7PM at Canfield Village Middle School

December 7th 6PM-7PM at Canfield High School



ATHLETIC EVENTS
CALENDAR



CONTACT US



EVENTS CALENDAR



FACILITY RESOURCES



TEACHER WEBSITES



FACEBOOK



TWITTER



YOUTUBE

COMMUNITY AWARENESS MEETINGS

Posted On: Tuesday, October 18, 2022



The Canfield Local School District is hosting a series of Community Awareness meetings...

[READ MORE](#)

"SPOOKTACULAR" TRADITION

Posted On: Tuesday, October 18, 2022



A "spooktacular" tradition continues in the Canfield Local School District! Halloween festivities begin the week of October 31, 2022...

READ MORE

CANFIELD OBSERVES NATIONAL SCHOOL BUS SAFETY WEEK


Posted On: Tuesday, October 11, 2022



The week of October 17-21, 2022, is National School Bus Safety Week. The week is an excellent way for parents, students, teachers, motorists, school bus operators, school administrators, and community members...

[READ MORE](#)[View All News](#)

Dedicated Facility Webpage:
www.canfieldschools.net
‘Facility Resources’ Page



CANFIELD

LOCAL SCHOOL DISTRICT

We will create an educational environment that nurtures the whole child
inspiring each student to reach their highest potential.

OUR DISTRICT • OUR SCHOOLS • OUR STUDENTS • OUR PARENTS • ATHLETIC DEPARTMENT • FOOD & NUTRITION • PROGRAMS & SERVICES • QUICK LINKS •

QUICK LINKS

- Home
- Alumni
- Athletics
- Board of Education
- Business Advisory Council
- Canfield Bands
- Canfield PTA
- Chromebook Information
- Closing & Delay Procedures
- Covid Information
- CSCOT Channel 201
- District Events
- District News
- eCommunications
- Education Innovation Fund
- Employment
- Forms, Links & Policies
- School Year Calendar (2022-2023)
- Special Educational Resource Library
- Superintendent's Message
- Staff Directory
- Staff Resources
- Title IX

FACILITY PLANNING

Update October 2022

Canfield Local Schools is in the process of developing a long-term facility plan that satisfies the educational needs of our students and the broader community.

Since the defeat of the bond levy in May 2022, the district has taken this time to listen to the community and re-evaluate the approach for long-term facility planning. To gather feedback and input, a facility survey was administered to community members over the summer of 2022 around the recent bond levy, condition of the current buildings and preferences toward potential facility plan options. We would like to thank the over 1,200 respondents who took the time to complete this survey. This feedback was invaluable and served as the foundation to inform our planning efforts moving forward.

As we look to develop a facility plan that addresses our aging facilities, we are in need of a diverse and committed group who represent Canfield's past, present and future. We will be engaging a facility planning committee to explore the existing facilities, understand the needs and goals of the district and advise on a master plan option that the community will support. We hope that you'll consider being part of this committee. To sign up, please [CLICK HERE](#).

The planning process will begin with an in-depth review of all existing buildings to understand and evaluate condition, costs, educational adequacy and sites. The meetings will conclude with a building tour. These meetings are scheduled from October - December 2022 and are open to the community. We encourage you to attend.

Building on the information discussed during the existing building review meetings, we will conduct in-person master plan discussions with the facility committee in January - April 2023. These meetings will investigate various master plan options and associated costs, explore site feasibility and conduct group activities and discussions around pros/cons of plan options. The facility committee and community will have the opportunity to review and give feedback on plan options before any recommendations are made to the board of education.

When we feel we have a facility plan the community will support, a recommendation will be made to the board of education who will ultimately decide on next steps and whether or not to move forward with an action plan. We are aiming to have a master plan recommendation finalized by April 2023.

To help ensure the community has access to all information from planning discussions, we created this dedicated Facility Resources page on our district website to serve as a central location. Please visit this webpage for the most up-to-date information on the facility planning process and feel free to contact Superintendent Knoll at jknoll@canfieldschools.net with any questions.

Please know we are not moving forward with any preconceived notions about facility plan options. All options and suggestions regarding the school buildings will be entirely vetted and guided by the community.

We encourage all community members to follow along and be involved in the conversation.

This is an exciting time for Canfield Local Schools where, collectively, we can develop the best plan to serve our students and community for years to come. We look forward to your input.

Go Cardinals!

Want to join the Facility Committee?

The Facility Committee is open to residents in the Canfield Local School District. [CLICK HERE](#) for the form

SUPPORTING MATERIAL

Documents

- Community Facility Feedback Survey Results - Summer 2022
- Frequently Asked Questions (will continuously update throughout the process)
- 2022 OFCC Assessment Cost Guidelines
- Building Assessments - Coming soon (after each school meeting)
 - Hilltop Assessment Validation
 - Hilltop Assessment Cost
- Facility Committee Members - Coming soon (December 2022)

Videos

- Watch the Community Awareness Meeting on Facility Planning Update from 9/28/22

Presentations

- View the Facility Planning Update Community Meeting from 9/28/22
- View the Hilltop Elementary School Building Condition Review from 10/19/22
- View the C.H. Campbell School Building Condition Review from 10/26/22 - Coming soon
- View the Canfield Middle School Building Condition Review from 11/16/22 - Coming soon
- View the Canfield High School Building Condition Review from 12/7/22 - Coming soon

Upcoming Community Awareness Meetings

- C.H. Campbell Elementary School Building Condition Review and Tour
 - 10/26/22 from 6-7 p.m. at C.H. Campbell Elementary School
- Canfield Middle School Building Condition Review and Tour
 - 11/16/22 from 6-7 p.m. at Canfield Village Middle School



The image shows the exterior of Canfield High School. The building is constructed of red brick and features a large, curved glass entrance. The words "CANFIELD HIGH SCHOOL" are visible in red lettering on the glass. To the left of the entrance, there is a wooden bench. The foreground is a wide, light-colored concrete sidewalk. A semi-transparent grey banner is overlaid across the middle of the image, containing the text "CANFIELD HIGH SCHOOL BUILDING TOUR" in white, bold, sans-serif capital letters. The sky is clear and blue, and a small evergreen tree is visible to the right of the building.

CANFIELD HIGH SCHOOL BUILDING TOUR