

REPORT

Capital Construction Update

October 24, 2023
Board of Education
Meeting



Facilities Advisory Committee

- Consisted of 28 faculty and community members
- Over the course of 3 years, the FAC members and resource team committed over 27 total days
- Community engagement and surveys
- Produced phased recommendations for the BOE to consider
- Detailed analysis of current and future needs, maintenance priorities, and more



Summary of Maintenance Needs

Summary of Maintenance Needs for All Buildings

Building	Urgent	Needed in the next 2-5 Years	Needed in the next 6-10 Years	Needed in 10+ Years	Secure Entrances	Radon Testing	Subtotal
District Offices	NA	NA	NA	NA	\$17,873	NA	\$17,873
Barrie Elementary School	\$259,900	\$1,712,640	\$916,920	\$859,000	\$242,843	\$2,510	\$3,993,813
Luther Elementary School	\$1,392,950	\$3,464,177	\$1,296,100	\$79,000	\$70,868	\$3,220	\$6,306,315
Purdy Elementary School	\$237,000	\$2,432,918	\$2,656,072	\$633,000	\$601,996	\$3,220	\$6,564,206
Rockwell Elementary School	\$427,150	\$1,764,582	\$1,012,116	\$263,000	\$270,345	\$2,510	\$3,739,703
Middle School	\$1,618,400	\$2,838,216	\$4,717,775	\$1,524,000	\$579,284	\$2,400	\$11,280,075
High School	\$233,100	\$2,880,133	\$1,574,874	\$3,792,185	\$106,984	\$4,150	\$8,591,425
Total	\$4,168,500	\$15,092,666	\$12,173,856	\$7,150,185	\$1,890,193	\$18,010	\$40,493,409

Phase 1 | FAHS Energy & Maintenance

- \$3.2 million total cost (\$4 million w/ interest)
- \$2 million in energy savings over 20 years
- \$100,000 / year district cost after energy savings
- \$130,000 / year maintenance time & money freed up
- Upgraded systems, controls, & capacity to meet demand



FAHS Energy & Maintenance projects

→ Energy Saving Projects

- ◆ LED lighting retrofit
- ◆ building envelope improvements
- ◆ de-stratification fans
- ◆ pool pump, motor, and filter replacements
- ◆ boiler replacement
- ◆ hvac controls replacement
- ◆ hvac equipment replacement

→ Maintenance Projects

- ◆ transformer replacement
- ◆ pool hvac replacement with dehumidification & cooling
- ◆ hvac fittings replacement
- ◆ chiller/tower replacement (undersized)
- ◆ air handler replacement
- ◆ hot water heater replacements
- ◆ a/c in IT room
- ◆ heater in generator room
- ◆ touchless faucets throughout building
- ◆ exhaust hoods for soldering/welding
- ◆ replace clock system
- ◆ exterior wall drainage / water infiltration
- ◆ all “urgent items” on facilities study list

COMPLETED

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Phase 2 | Entrances & Maintenance/Mechanical

\$22M Capital Referendum Approved in November, 2022 Election

- **Secure Entry Sequences at All Schools**
- **Maintenance & Mechanical Upgrades**
 - Elementary Schools < 10-Year Time Horizon
 - Middle School < 5-Year Time Horizon
- **High School Traffic Flow Improvements**



Referendum Plan Impact



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Summer 2023 Projects | Phase 2, part 1

- Barrie Roof
- Rockwell Roof
- Middle School Secure Entry Sequence
- High School Secure Entry Sequence
- Essential Middle School Maintenance & Mechanical Projects



FORT

**Barrie and
Rockwell
Elementary
Roofs**

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Barrie Elementary Roof



Rockwell Elementary Roof



FORT

Middle

School &

High School

Secure Entry

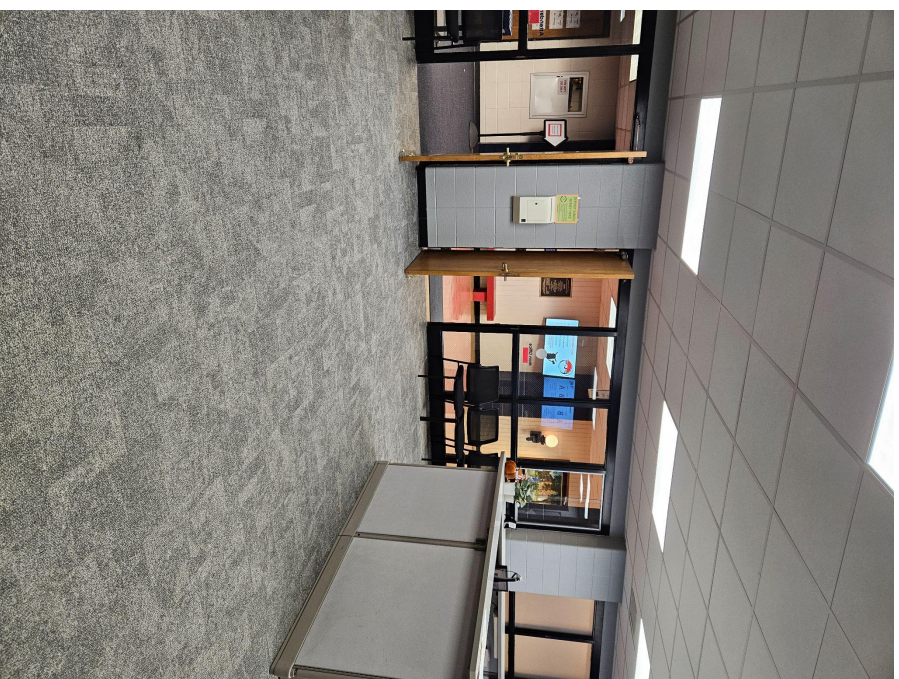
Sequence

...

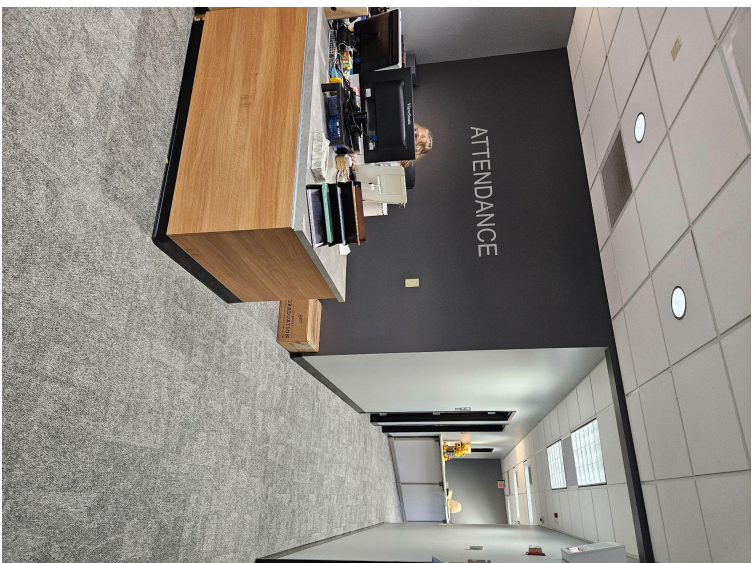
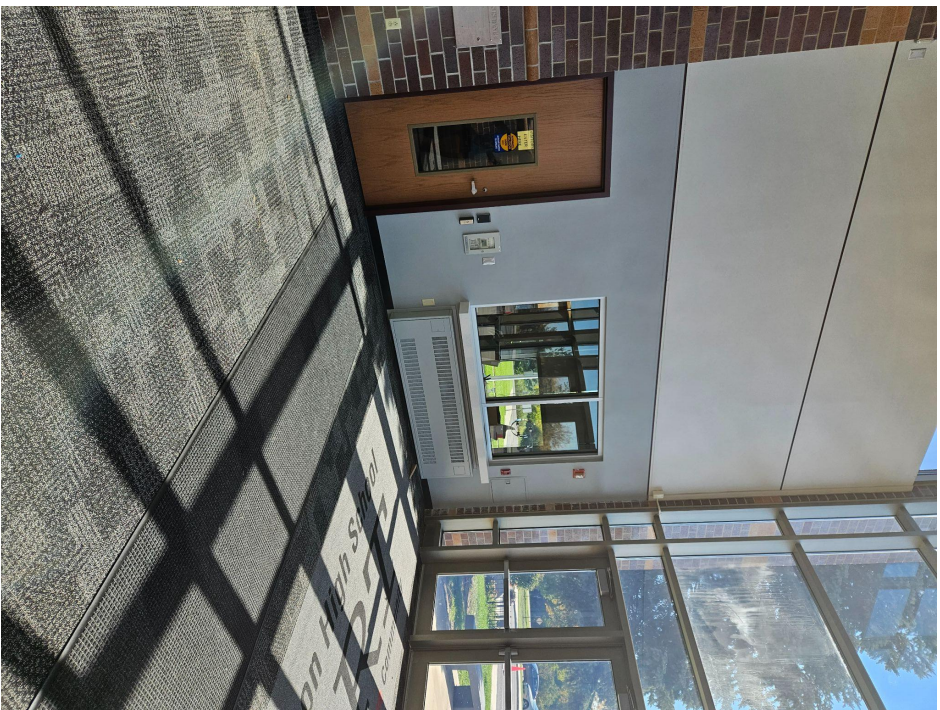
Middle School Secure Entry



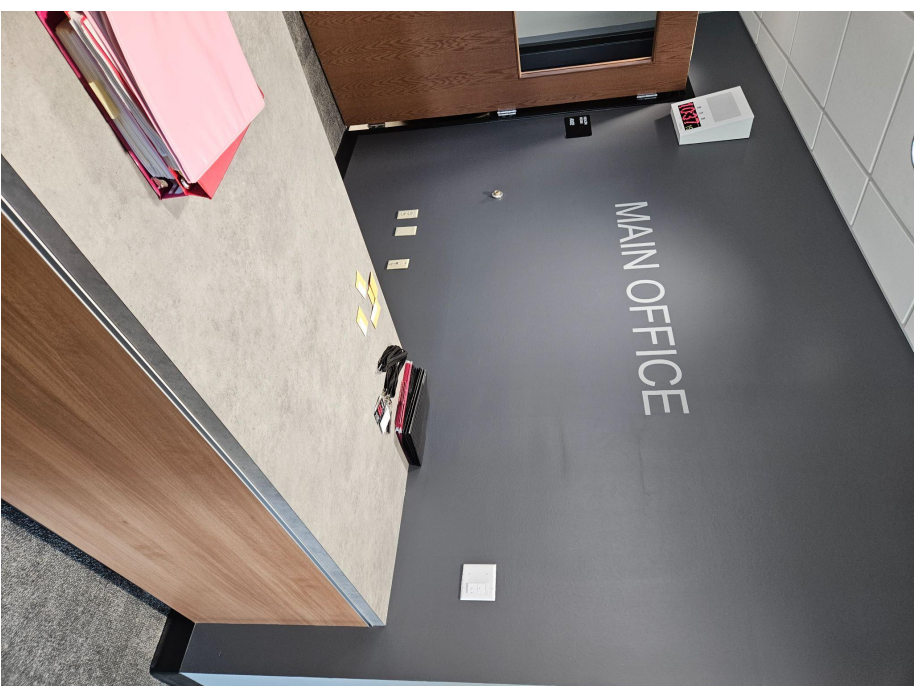
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High School Secure Entry



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Summer 2024 Projects | Phase 2, part 2

- Major HVAC and Mechanical Items
- Necessary & Preventative Maintenance Upgrades
 - ADA Compliant Door Hardware
 - Bathroom Renovations with ADA Compliant Sinks
 - Plumbing Upgrades
 - Lighting Upgrades
 - Flooring Upgrades
 - New Gym Floors in Three Elementary Buildings
 - Refinished Gym Floor at Luther Elementary Building
 - New Cafeteria Flooring, Removal of Stages
- High School Traffic Flow
 - Phase 1 in the Works with BOE Approval of Transfer of Property
- Secure Entries at All Four Elementary Schools

Elementary

FORT

Schools

Secure Entry

Sequence

Example

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Luther Elementary School Secure Entry



Luther Elementary School Secure Entry



Luther Elementary School Secure Entry



Luther Elementary School Secure Entry



Phase 2, part 2 | Upcoming Timelines

- Projects are Presently Out to Bid
 - Scope of Work to be Finalized this Fall
- Preparation Work over Holiday Breaks and Spring Break
 - Ceiling removal
 - Environmental Management Services
- Plans to Vacate Buildings to be Orchestrated and Shared
- Summer School Locations will be Determined
- Spring - Building Preparation
 - Let the Building Clean Out Begin
 - Unwanted Items with Financial Value to be Sold
- Summer 2024 Work
 - School Ends May 31st
 - Construction Begins June 3rd

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REPORT

Capital Construction Update

Thank You