



**Saint Paul**  
PUBLIC SCHOOLS

# Major Capital Projects:

**Board of Education  
monthly progress update**

**Facilities Department**

*April 2022*



# Project Timeline

## 1. Gate Check 1: Five-Year Capital Improvement and Deferred Maintenance Implementation Plan

Work identified in the five-year plan has been prioritized over the represented five-year horizon. Specificity of scope, schedule and budget vary for projects contained in the plan.

**Board action requested:** Approval of prioritization of work as represented in the plan.

## 2. Gate Check 2: Project Charter

The project charter is a product of internal pre-design work for projects estimated to be over two million dollars. The project charter contains the defined scope based on the evaluation of building condition, programmatic need, and initial stakeholder engagement. The preliminary schedule and project estimate are included.

**Board action requested:** Approval of the project charter indicating acceptance of the identified scope and understanding of the project schedule and rough order of magnitude of cost. Approval indicates the Board's direction to issue a request for proposal to secure design services.

## 3. Gate Check 3: Project Budget

Once a project has moved through schematic design, solutions have been identified and developed with sufficient detail to estimate a construction cost and set a final project budget. Finalization of the design and construction drawings will be informed by this budget.

**Board action requested:** Approval of final project budget. Approval indicates the Board's direction to proceed with construction bidding so long as the project remains within the allotted budget.

## 4. Gate Check 4: Construction Award

Per public procurement practices, work will be advertised for bid and bids will be received by the Purchasing Office and vetted for response compliance. Project consultants will vet the value of bids against anticipated costs and provide the District with a formal recommendation to award based on the lowest responsible bid.

**Board action requested:** Approval of vetted and recommended vendors to award work and enter into contractual agreement for construction.

## 5. Gate Check 5: Project Closeout

This gate check will be presented at the beginning of the project closeout phase and again upon final fiscal closeout of the project. The project closeout period begins at substantial completion of construction. The Substantial Completion certificates indicate beneficial occupancy and shift of focus to completion and inspection of punchlist items and entry into warranty period. There are still outstanding financial obligations during the closeout phase of the project, but an initial evaluation of the overall use of budget can be conducted. The second presentation of this gate check will occur when all contractual obligations are complete and all final payments have been issued. This can occur twelve to eighteen months after completion of construction. Except in the rare circumstance in which Substantial Completion and final closeout occur simultaneously, the Board will see the following two reports during this gate check:

- Gate Check 5.1: Initial Project Closeout (Substantial Completion)
- Gate Check 5.2: Final Project Closeout

**Board action requested:** Acceptance of report(s).

## Project Financial Information

- A. Rough Order of Magnitude Cost Estimate:** In the initial planning phase, the cost of a project gets refined along the way as the scope of work is fine tuned and more in-depth information is gathered on the condition of the building and overall site. Through this process, the initial costing evolves from a rough estimate referred to as a "Rough Order of Magnitude" to a final budget. (Presented to the Board at Gate Check 1 and 2.)
- B. Original Budget:** Final project budget approved by the Board at Gate Check 3.
- C. Committed Costs:** Contractual obligation of funds for project work.
- D. Invoiced to Date:** Invoices are submitted and approved through Procore, the project management environment used by the District. The value represented indicates all invoices submitted and approved by the project team.
- E. Construction Award:** Total of all construction contracts.
- F. Construction Cost Changes:** Value of all change orders issued to construction contracts.
- G. Percent Change:** Calculation of construction change orders against total construction award.
- H. Total Forecasted Cost:** Anticipated cost of the fully delivered project at the time of the report including known committed, pending, and potential costs as identified by the project team.
- I. Construction Percent Complete (as invoiced):** Percent of completion is calculated based on the value of work in place as indicated on the vetted and approved pay applications submitted by contractors against the total value of construction commitments. As this is based on billed amounts, there is frequently a 30-60 day lag to represent the work in full.



## American Indian Magnet: April 2022 Project Update



**Location:**  
1075 Third St. E.  
Saint Paul, MN 55106

**Grades:** PreK-8  
**Enrollment (SY20-21):** 611

**Project website:**  
<https://www.spps.org/aimsfmt>

### Project summary

**Project number:** 1160-19-01

**Funding:** Certificates of Participation (COP)

**Project type:** Addition and renovation

**Square footage:**

- Existing: 103,000 sf
- Proposed: 131,626 sf

**SPPS project team:**

- Angela Selb-Sack, Senior Project Manager
- Larry Opelt, Project Manager
- Michelle Bergman Aho, Project Coordinator

**Design team:** Cuningham Group

**Construction management:** H+U Construction

### Project scope

- Additions with new PreK-8th grade classrooms, administration area, media center (Long House), kitchen, and cafeteria.
- New playground and site improvements.
- Renovation of existing building including learning spaces, academic support spaces and restrooms.
- Replacement of all finishes, HVAC and controls, plumbing, lighting, required upgrades to fire suppression and fire alarm systems.

### New this month

- Stone base under the windows around the Circle Space exterior wall addition is nearing completion.
- Demolition is done in old kitchen area except for the few remaining columns that will be removed.
- Footing forms are being set for the new kitchen; drywall is nearing completion for first-floor inclusive restrooms and changing rooms.
- On fourth floor, concrete beam patching continues; drywall nearly complete for middle school research/collaboration space; and mechanical rough-ins continue in corridor.

### April 2022 - Project Financial Information

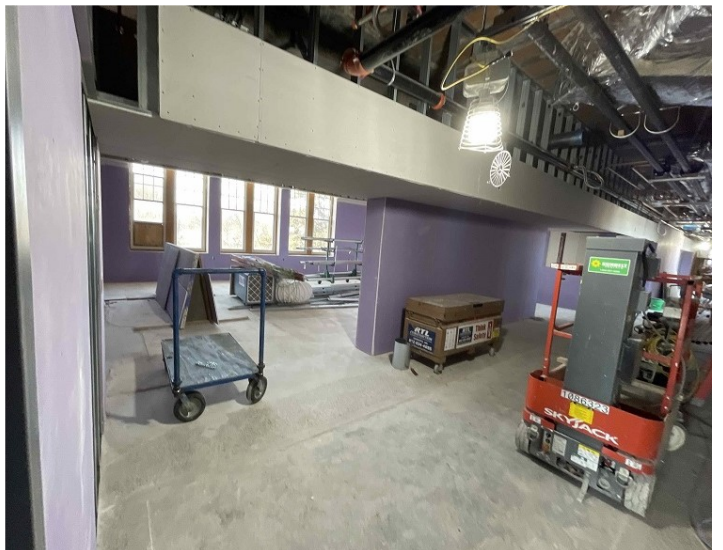
Original Budget	Committed Costs	Invoiced to Date	Construction Award	Construction Cost Changes	% Change	Total Forecasted Cost	Construction % Complete (as invoiced)
\$53,300,000	\$45,132,169	\$26,396,352	\$33,756,040	\$1,767,927	5.24%	\$45,272,699	58.60%

### Project Timeline

Phase: Planning → Design → Construction →					
BOE Gate Check:	Five Year Plan	Project Charter	Budget Approval	Contract Award	Closeout
Key dates:	✓ Oct. 2018	☐ N/A	✓ Feb. 2020	✓ May 2020	☐ Fall 2024



# American Indian Magnet



From left to right: Stone base around Circle Space nearing completion; demolition of old kitchen area; footings being set for new kitchen; drywall nearing completion for inclusive restrooms and changing rooms; concrete beam patching; mechanical rough-ins continue in fourth-floor corridor (March 2022)





**Saint Paul**  
PUBLIC SCHOOLS

## Bridge View School: April 2022 Project Update



**BRIDGE VIEW**  
SCHOOL

**Location:**

350 Colborne St., Saint Paul, MN 55102

**Grades:** PreK-12

**Enrollment (SY20-21):** 123

**School website:** <https://www.spps.org/bridgeview>

### Project summary

**Project number:** 0175-21-01

**Funding:** Long-Term Facilities Maintenance (LTFM)

**Project type:** Building system replacement

**Square footage:**

Existing: N/A; Proposed: N/A

**SPPS project team:**

- Vaughn Kelly, Project Manager
- Josie Geiger, Project Coordinator

**Design team:**

- Architect: Miller Dunwiddie
- Mechanical and Electrical Engineering: Emanuelson-Podas
- Structural Engineering: BKBM

### Project scope

- Roofing replacement.

### New this month

- Roofing and piping construction is currently inactive. Activities will resume in the spring/summer of 2022.
- No new images.

### April 2022 - Project Financial Information

Original Budget	Committed Costs	Invoiced to Date	Construction Award	Construction Cost Changes	% Change	Total Forecasted Cost	Construction % Complete (as invoiced)
\$5,000,000	\$3,059,434	\$592,886	\$2,848,334	\$29,498	1.04%	\$3,059,434	14.55%

### Project Timeline

Phase: <i>Planning</i> → <i>Design</i> → <i>Construction</i> →							
BOE Gate Check:	Five Year Plan	Project Charter	Budget Approval	Contract Award			
Key dates:	✓ Oct. 2018	☐ N/A	✓ March 2021	✓ May 2021			
					☐ Fall 2022		



**Saint Paul**  
PUBLIC SCHOOLS

## Frost Lake Elementary: April 2022 Project Update

**FROST LAKE**  
ELEMENTARY SCHOOL

**Location:**  
1505 E. Hoyt Ave.  
Saint Paul, MN 55106

**Grades:** PreK-5

**Enrollment (SY20-21):**  
498

**Project website:**  
[spps.org/frostlakefmp](https://spps.org/frostlakefmp)

### Project Summary

**Project number:** 1100-19-01

**Funding:** Capital Bonds, Long-Term Facilities Maintenance

**Project type:** Addition and renovation

**Square footage:**

- Existing: 73,415 sf.
- Proposed: 98,493 sf.

**SPPS project team:**

- Rosemary Dolata, Project Manager
- Michael Christen, Project Coordinator

**Design team:** U+B Architecture & Design

**Construction management:** Kraus-Anderson

### Project Scope

- 32,000 sf. addition with new PreK and K classrooms, dividable gym, kitchen, cafeteria, secure main entry and service entrance.
- New playground, re-routed bus traffic and new drop off curb cuts.
- Renovation of existing building with learning and academic support spaces, restrooms; demolition of parks and recreation building connected to school.
- Replacement of all finishes, HVAC and controls, lighting; new fire suppression and fire alarm systems.

### New this month

- Temporary walls were removed prior to spring break so students could visit their new classrooms.
- During spring break furniture will be moved into newly-created and renovated learning spaces.
- After spring break, school renovation work will transition from the east side (Phase 4) to the southeast corner (Phase 5) of the school.

### April 2022 - Project Financial Information

Original Budget	Committed Costs	Invoiced to Date	Construction Award	Construction Cost Changes	% Change	Total Forecasted Cost	Construction % Complete (as invoiced)
\$36,000,000	\$24,788,908	\$21,128,666	\$17,650,292	\$755,529	4.28%	\$24,946,471	90.02%

### Project Timeline

Phase: <i>Planning</i> → <i>Design</i> → <i>Construction</i> →						
BOE Gate Check:	Five Year Plan	Project Charter	Budget Approval	Contract Award	Closeout	
Key dates:	✓ Oct. 2018	☐ N/A	✓ Dec. 2019	✓ May 2020	☐ Aug. 2022	

# Frost Lake Elementary



Top row: Spaces are ready to be furnished in fourth grade community space

Second row: Second grade community space

At right: Typical classroom (March 2022)







## Jie Ming Mandarin Immersion: April 2022 Project Update



### Location:

1845 Sheridan Ave West  
Saint Paul, MN 55116

### Grades: K-5

**Enrollment (SY21-22): 380**

### Project website:

[spps.org/jieming-builds](https://spps.org/jieming-builds)

### Project summary

**Project number:** 3090-21-01

**Funding:** Certificates of Participation (COP)

**Project type:** Addition and renovation

#### Square footage:

- **Existing:** 55,160 SF
- **Proposed:** 70,725 SF

#### SPPS project team:

- Rosemary Dolata, Project Manager
- Michael Christen, Project Coordinator

**Design team:** Cuningham

**Construction management:** Knutson Construction

### Project scope

- Kitchen and cafeteria addition
- New classrooms (5), inclusive restrooms, and gym floor
- New HVAC in existing west wing; one new boiler in original school building
- Improved traffic flow for cars, buses, and deliveries

### New this month

- Bids from contractors for roofing were received on March 29 with values consistent with expectations.
- Bid documents for selective demolition, earthwork, steel, cast-in place concrete, and fire protection will be available to contractors on April 11.
- Community meeting planned for near neighbors on April 26 and co-hosted with Highland District Council's Community Development Committee.
- Design work is ongoing.

### April 2022 - Project Financial Information

Original Budget	Committed Costs	Invoiced to Date	Construction Award	Construction Cost Changes	% Change	Total Forecasted Cost	Construction % Complete (as invoiced)
\$26,840,000	\$3,301,835	\$10,000	TBD	\$0	0%	\$26,840,000	0%

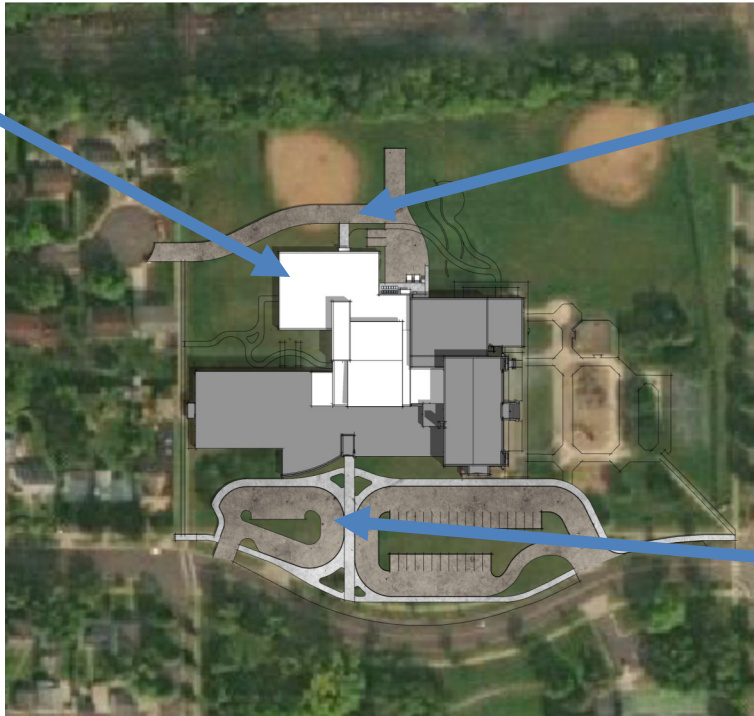
### Project Timeline

Phase: Planning → Design → Construction →					
BOE Gate Check:	Five Year Plan	Project Charter	Budget Approval	Contract Award	Closeout
Key dates:	✓ March 2021	✓ March 2021	✓ Feb. 2022	☐ TBD	☐ Fall 2023

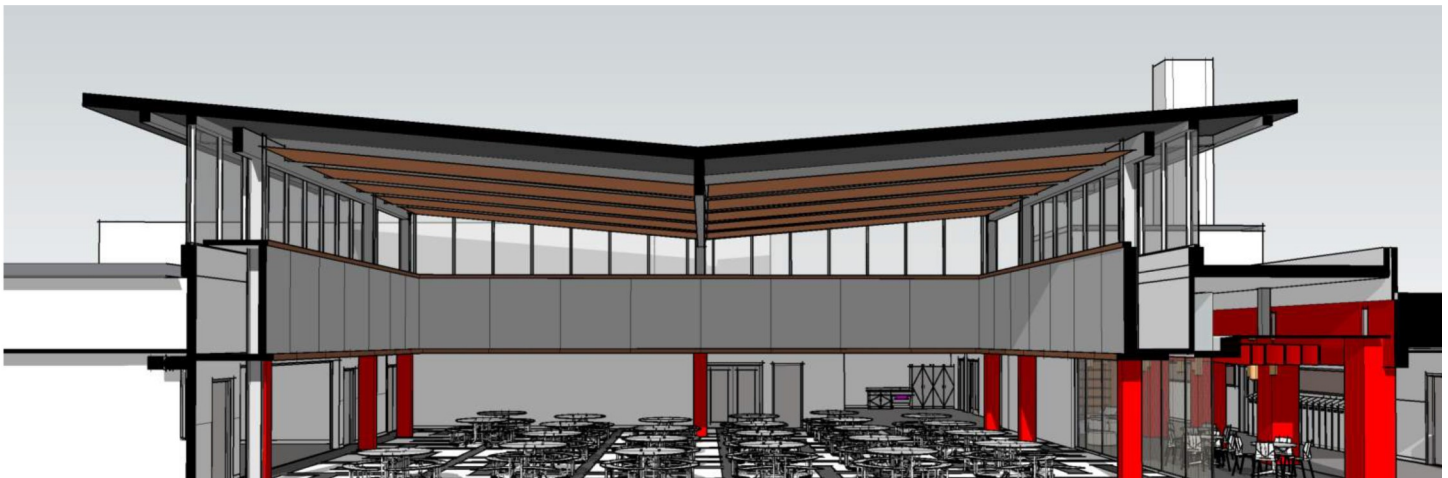
# Jie Ming Mandarin Immersion

Areas in white show where the new addition will be.

Remodeling features include: new kitchen and cafeteria addition; new classrooms; new inclusive restrooms; new gym floor; new HVAC in existing west wing; new boiler in the original school building; improved traffic flow for cars, buses, and deliveries.



A new service/fire lane off of Field Ave. (shown here as a gray "T") will be used by service vehicles only for pickup and deliveries to the school. **No school buses or parent vehicles will use this route** or the entrances on this side of the building. **Student drop off/pick up** will be from Sheridan Ave.



Rendering directly above shows a common area and the rendering in the middle shows the cafeteria.



**Saint Paul**  
PUBLIC SCHOOLS

## Johnson Senior High School: April 2022 Project Update



### Location:

1349 Arcade S.  
Saint Paul, MN 55106

### Project website:

[www.spps.org/Page/39804](http://www.spps.org/Page/39804)

**Grades:** 9-12

**Enrollment (SY20-21):**

1,243

### Project summary

**Project number:** 1150-19-01

**Funding:** Long-Term Facilities Maintenance (LTFM)

**Project type:** Building systems upgrades

**Square footage:**

Existing: 281,369 SF; Proposed: N/A

**SPPS project team:**

- Jason Jones, Project Manager
- Josie Geiger, Project Coordinator

**Design team:**

- TKDA
- Tim Hoseck, Engineer
- Ursula Larson, Architect

**Construction team:** Market & Johnson

### Project scope

- Installation of geo-thermal heating and cooling system
- Significant replacements to the HVAC system
- Lighting replacement

### New this month

- The geo-thermal vertical well drilling is nearing completion with 120 wells having been drilled out of the 160 total needed for the system.
- In preparation for the summer push, work over spring break week will include the installation of new heating piping and lighting adjustments, among other work.

### April 2022 - Project Financial Information

Original Budget	Committed Costs	Invoiced to Date	Construction Award	Construction Cost Changes	% Change	Total Forecasted Cost	Construction % Complete (as invoiced)
\$18,843,758*	\$14,990,516	\$8,418,191	\$12,865,000	\$307,862	2.39%	\$17,277,684	53.26%

\*American Rescue Plan funds approved for indoor-air quality work and added to the project; this will result in efficiencies in cost and schedule.

### Project Timeline

Phase: Planning → Design → Construction →							
BOE Gate Check:	Five Year Plan	Project Charter	Budget Approval	Contract Award	Closeout		
Key dates:	✓ Oct. 2018	☐ N/A	✓ Oct. 2020	✓ Feb. 2021	☐ Fall 2023		



# Johnson Senior High School



Geo-thermal vertical well drilling (March 2022)





**Saint Paul**  
PUBLIC SCHOOLS

## Phalen Lake Hmong Studies: April 2022 Project Update



**Location:**  
1089 Cypress St.  
Saint Paul, MN 55106

**School website:**  
<https://www.spps.org/phalen>

**Grades:** PreK-5

**Enrollment (SY20-21):** 679

### Project summary

**Project number:** 1200-19-01

**Funding:** Certificates of Participation (COP)

**Project type:** Building systems upgrades

**Square footage:**

Existing: 77,899 sf; Proposed: N/A

**SPPS project team:**

- Vaughn Kelly, Project Manager
- Josie Geiger, Project Coordinator

**Design team:**

- Architect, The Adkins Association Architects
- Mechanical Engineering, IMEG
- Electrical Engineering, IMEG
- Structural Engineering, A.M. Structural Engineering

**Construction management:** N/A

### Project scope

Significant upgrades to HVAC systems for improved indoor air quality, increased circulation of fresh air, and efficient maintenance of appropriate temperatures.

### New this month

- Punch list work is underway, including final balancing and commissioning of the HVAC system.
- No new photos.

### April 2022 - Project Financial Information

Original Budget	Committed Costs	Invoiced to Date	Construction Award	Construction Cost Changes	% Change	Total Forecasted Cost	Construction % Complete (as invoiced)
\$7,175,000	\$6,030,062	\$5,943,037	\$5,101,850	\$319,469	6.26%	\$6,030,062	99.32%

### Project Timeline

Phase: Planning → Design → Construction →					
BOE Gate Check:	Five Year Plan	Project Charter	Budget Approval	Contract Award	Closeout
Key dates:	✓ Oct. 2018	☐ N/A	✓ Feb. 2020	✓ March 2020	☐ Fall 2021



**Saint Paul**  
PUBLIC SCHOOLS

## Washington Technology Magnet: April 2022 Project Update



**Location:**  
1495 Rice  
Saint Paul, MN 55117

**Project website:**  
<https://www.spps.org/Page/38519>

**Grades:** 6-12

**Enrollment (SY20-21):**  
2,077

### Project summary

**Project number:** 4040-19-01

**Funding:** Capital Bonds (CAP)

**Project type:** Athletic improvements

**Square footage:**

Existing: N/A; Proposed: N/A

**SPPS project team:**

- Vaughn Kelly, Project Manager
- Mike Christen, Project Coordinator

**Design team:**

- Architect and Electrical Engineering: Wold Architects and Engineers
- Civil Engineering: BKBM
- Landscape Design: Calyx Design Group

### Project scope

Multi-sports field with artificial turf; pole-mounted lighting; 8-lane track; discus, shot put, and long jump areas; resurfaced tennis courts; grass practice field

### New this month

- The site is inactive for winter.
- Grass establishment will be evaluated in the spring.
- No new images.

### April 2022 - Project Financial Information

Original Budget	Committed Costs	Invoiced to Date	Construction Award	Construction Cost Changes	% Change	Total Forecasted Cost	Construction % Complete (as invoiced)
\$4,669,000	\$6,320,224	\$6,064,457	\$3,904,046	\$1,381,960	35.40%	\$6,320,224	95.77%

### Project Timeline

Phase: Planning → Design → Construction →						
BOE Gate Check:	Five Year Plan	Project Charter	Budget Approval	Contract Award	Closeout	
Key dates:	✓ Oct. 2018	☐ N/A	✓ Jan. 2020	✓ March 2020	☐ Nov. 2020	



**Saint Paul**  
PUBLIC SCHOOLS

## Window Replacements: April 2022 Project Update

### Riverview

160 Isabel St. E.  
St. Paul, MN 55107

**Grades:** PreK-5

**Enrollment (SY20-21):** 439



**RIVERVIEW**  
WEST SIDE SCHOOL OF EXCELLENCE

### Project summary

**Project number:** 0201-22-01

**Funding:** Long-Term Facilities Maintenance (LTFM)

**Project type:** Building system replacement

#### Square footage:

- Existing: N/A; Proposed: N/A

#### SPPS project team:

- Pam Bookhout, Project Manager
- Shawn O'Keefe, Project Coordinator

**Design team:** Paul Meyer Architects

**General contractor:** TBD

### Project scope

- Select window replacements at Riverview.

### New this month

- Windows have been ordered and delivery is expected in July with installation to follow.

### April 2022 - Project Financial Information

Original Budget	Committed Costs	Invoiced to Date	Construction Award	Construction Cost Changes	% Change	Total Forecasted Cost	Construction % Complete (as invoiced)
\$1,567,500	\$1,395,580	\$0	\$1,278,630	\$0	0%	\$1,409,180	0%

### Project Timeline

Phase: Planning → Design → Construction →					
BOE Gate Check:	Five Year Plan	Project Charter	Budget Approval	Contract Award	Closeout
Key dates:	✓ Oct. 2018	☐ N/A	✓ Jan. 2020	✓ Nov. 2021	☐ Fall 2022