

NORTHFIELD PUBLIC SCHOOLS
Office of the Superintendent
Memorandum

TO: Board of Education
FROM: Matt Hillmann Ed.D., Superintendent
RE: Table File Items for February 26, 2024 Regular School Board Meeting

5. Items for Discussion and Reports

- c. Potential 2024 Northfield High School Bond Referendum Update. An additional document detailing the differences between Option 1A and Option 1A-alternate is attached.

7. Consent Agenda

c. Personnel Items

i. Appointments

7. Hani Abdi, 1.0 FTE Custodian at the Middle School, beginning 3/6/2024. \$19.63/hr.
8. Vincent Garcia, Targeted Services MSYC Club Leader for up to 6 hours/week at the Middle School, beginning 3/6/2024 - 5/16/2024. \$24.30/hr.
9. Hannah Peters, Special Ed EA PCA for 6.75 hours/day and EA PCA Bus for .75 hours/day at Bridgewater, beginning 3/1/2024-6/6/2024. Step 1-\$16.66/hr. plus a prorated PCA stipend.

ii. Increase/Decrease/Change in Assignment

10. Lydia Montgomery, Special Ed EA PCA for 17.5 hours/week at the NCEC and Greenvale Park, change to 23 hours/week at the NCEC and Greenvale Park, effective 2/26/2024-6/6/2024.
11. Roberta Schmidtke, Early Ventures Site Leader for 40 hours/week at the NCEC, change to Early Ventures Site Leader for 16 hours/week at the NCEC, effective 2/20/2024-6/6/2024.

iii. Leave of Absence

6. Ashly Blatti, Grade 5 Teacher at Bridgewater, FMLA medical leave of absence beginning on 8/22/2024-11/18/2024.

iv. Retirements/Resignations/Terminations

4. Carolee Closmore, EA at the NCEC, declined position effective 2/22/2024.
5. Connor Fitzloff, EA at Bridgewater, termination effective 2/22/2024.
6. Katherine Pickerign, Child Nutrition Associate at Spring Creek, resignation effective 3/22/2024.
7. Lee Rudebusch, Science Teacher at the High School, resignation effective at the end of the 2024-2025 school year.

| Option 1A and Option 1A—alternate | | | 1A | 1A alternate |
|-----------------------------------|---|----------|-----------------|---|
| Area | Description | Priority | All maintenance | Only HVAC, Plumbing, Windows, and lighting) + ADA |
| M / D Wings | Provide new DDC controls for ERU, VAV systems installed in 2005 (east side). | 2 | \$171,118 | \$171,118 |
| M / D Wings | Provide new DDC controls for ERU, VAV systems installed in 2005 (west side). | 2 | \$252,434 | \$252,434 |
| M / D Wings | Add 5% of the total locker count to accommodate ADA standards. | 1 | \$21,920 | \$21,920 |
| M / D Wings | Replace VCT flooring in existing area A classrooms | 4 | \$1,336,414 | |
| M / D Wings | Replace existing casework in area A classrooms | 4 | \$557,193 | |
| All | Replace all fluorescent/ballasted lighting with LED/driver luminaires and low voltage dimming controls. | 2 | \$2,107,150 | \$2,107,150 |
| All | Replace acoustic ceiling tiles in all corridors. | 3 | \$325,265 | |
| All | Replace any remaining battery exit signs with exit signs connected to a dedicated life safety branch on the emergency generator. | 2 | \$388,903 | |
| All | Replace the Public Address System with EPIC system. | 3 | \$1,272,775 | |
| All | Update the Notifier Fire Alarm System with voice evacuation capability and function. | 3 | \$353,549 | \$353,549 |
| S Wing | Provide new DDC controls for ERU, VAV systems installed in 2004. | 2 | \$226,978 | \$226,978 |
| S Wing | Replace 190 ton air cooled chiller installed in 2004. Provide new chiller with heat recovery. | 3 | \$557,193 | \$557,193 |
| S Wing | Demolish all existing casework and finishes in existing science labs, renovate in place. | 2 | \$928,419 | |
| S Wing | Bring fire rating around existing science rooms up to code compliance & add second exit to each room | 1 | \$185,967 | \$185,967 |
| S Wing | Replace casework in existing FACS cooking lab. | 4 | \$79,902 | |
| S Wing | Replace VCT flooring in existing area B classrooms | 3 | \$481,533 | |
| S Wing | Replace acoustic ceiling tiles in area B classrooms | 3 | \$140,712 | |
| S Wing | Replace existing casework in area B classrooms | 3 | \$159,097 | |
| V Wing | Replace art room 2002 MZ AHU. Provide new AHU, distribution ductwork, VAV, HW, remote DX, DDC controls. | 3 | \$649,822 | \$649,822 |
| V Wing | Replace print shop 2002 AHU. Provide new AHU, distribution ductwork, VAV, HW, remote DX, DDC controls. | 3 | \$464,563 | \$464,563 |
| V Wing | Replace woodshop HVAC. Provide new RTU, distribution ductwork, CV, HW, integral DX for classroom use, replace exhaust systems, gas fired make-up air. | 3 | \$371,226 | \$371,226 |
| V Wing | Replace auto shop HVAC. Provide new RTU, distribution ductwork, CV, HW, integral DX for classroom use, replace exhaust systems, gas fired make-up air. | 3 | \$371,226 | \$371,226 |
| V Wing | Replace metal shop HVAC. Provide new RTU, distribution ductwork, CV, HW, integral DX for classroom use, replace exhaust systems, gas fired make-up air. | 3 | \$371,226 | \$371,226 |
| V Wing | Replace wood shop dust collector and distribution ductwork. Verify current use of shop equipment and reconfigure as required. | 3 | \$278,596 | \$278,596 |
| V Wing | Provide a high efficiency gas boiler to match the 2015 installation for redundancy. Reconfigure piping as necessary. | 4 | \$649,822 | \$649,822 |
| V Wing | Replace domestic hot water heating with centralized high recovery system located in the boiler room. Replace HW system near gym. | 2 | \$649,822 | \$649,822 |
| V Wing | Replace domestic water distribution piping installed in the original construction. Allowance provided. Cost include asbestos abatement. | 2 | \$2,285,338 | \$2,285,338 |
| V Wing | Replace fuel oil pumps and monitoring system installed in 1997. Existing 12,000 gallon underground tank to remain. | 3 | \$65,053 | \$65,053 |
| V Wing | Update panel boards and associated power distribution in Shop Area. | 2 | \$134,348 | \$134,348 |
| V Wing | Remove Motor Control Center as mechanical loads are updated with Variable Frequency Drives | 3 | \$176,774 | \$176,774 |
| V Wing | Add ADA accessible sink to two art rooms. | 1 | \$8,485 | \$8,485 |
| Gym / Cafeteria | Replace gymnasium HVAC. Provide new RTU, distribution ductwork, CV, HW, CHW, de-strat fans, DDC controls | 2 | \$649,822 | \$649,822 |
| Gym / Cafeteria | Replace locker room HVAC (east of gym). Provide new roof mounted heat recovery, distribution ductwork, CV, HW, CHW, DDC controls. | 2 | \$579,113 | \$579,113 |
| Gym / Cafeteria | Replace locker room HVAC (west of gym). Provide new roof mounted heat recovery, distribution ductwork, CV, HW, CHW, DDC controls. | 2 | \$852,052 | \$852,052 |
| Gym / Cafeteria | Replace health, wrestling HVAC. Provide new RTU's, distribution ductwork, CV, HW, CHW, DDC controls | 2 | \$579,113 | \$579,113 |
| Gym / Cafeteria | Replace band/choir HVAC. Provide new AHU in mech mezzanine, distribution ductwork, VAV, HW, CHW, humidification, DDC controls. | 2 | \$822,354 | \$822,354 |
| Gym / Cafeteria | Replace weight rm/aux gym HVAC. Provide RTU, distribution ductwork, CV, HW, CHW, DDC controls | 2 | \$822,354 | \$822,354 |
| Gym / Cafeteria | Replace HVAC in 1970 addition. Provide new RTU, distribution ductwork, VAV, HW, CHW, DDC controls | 2 | \$615,882 | \$615,882 |
| Gym / Cafeteria | Replace gymnastics HVAC. Provide new AHU in mech mezzanine, distribution ductwork, CV, HW, CHW, DDC controls | 2 | \$464,563 | \$464,563 |
| Gym / Cafeteria | Replace cafeteria HVAC. Provide new RTU, distribution ductwork, CV, HW, CHW, DDC controls | 2 | \$464,563 | \$464,563 |
| Gym / Cafeteria | Replace kitchen HVAC. Provide new RTU, distribution ductwork, VAV, HW, CHW. DDC controls. Create new transfer path from cafeteria for ex make-up | 2 | \$325,265 | \$325,265 |
| Gym / Cafeteria | Replace HVAC in remaining areas served by original 1964 system. RTU, VAV, HW, CHW, DDC controls | 2 | \$779,928 | \$779,928 |
| Gym / Cafeteria | Replace auditorium HVAC. Provide new air handling unit in the location of the existing CV, HW, CHW. DDC controls. | 3 | \$835,789 | \$835,789 |
| Gym / Cafeteria | Replace commons area 1997 RTU. Provide new RTU CV, HW, CHW, DDC controls. | 3 | \$464,563 | \$464,563 |
| Gym / Cafeteria | Replace media center 2002 RTU. Provide new RTU CV, HW, CHW, DDC controls. | 4 | \$510,524 | \$510,524 |
| Gym / Cafeteria | Replace media center 2002 classroom MZ RTU. Provide new RTU, convert area to VAV, HW, CHW DDC controls. | 4 | \$464,563 | \$464,563 |
| Gym / Cafeteria | Replace computer server room cooling units. Two redundant CV, DX remote condenser, DDC controls. | 3 | \$278,596 | \$278,596 |
| Gym / Cafeteria | Replace area E interior HVAC. Provide new air handling unit, distribution ductwork, VAV, HW, CHW, DDC controls. | 3 | \$510,524 | \$510,524 |
| Gym / Cafeteria | Create a new air cooled chilled water plant to serve the Southside of the building. Approximately 400 tons. Provide with heat recovery. | 2 | \$1,484,904 | \$1,484,904 |
| Gym / Cafeteria | Remove Wired Lathem Clock System and update any remaining wired clocks to wireless type. | 4 | \$35,355 | |
| Gym / Cafeteria | Replace roof over the media center | 2 | \$206,472 | \$206,472 |
| Gym / Cafeteria | Add lift to media center digital lab | 1 | \$93,337 | \$93,337 |
| Gym / Cafeteria | Add lift to make the weight and fitness area accessible from both sides of the gym. | 2 | \$93,337 | \$93,337 |

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|-----------------|--|---|---------------------|---------------------|---|
| | | | | | This could be lowered to \$1.24 million with strategic work focused on creating ADA accessible showers, toilets, and lockers. |
| Gym / Cafeteria | Demolish all lockers, fixtures, and finishes in locker rooms and rebuild to current standards. | 4 | \$5,832,138 | \$5,832,138 | |
| Gym / Cafeteria | Demolish and replace VCT flooring in band and choir suite | 2 | \$115,964 | | |
| Gym / Cafeteria | Replace existing doors and hardware in south portion of area D | 3 | \$260,212 | | |
| H Wing | Provide new DDC controls for ERU, VAV systems installed in 2004. | 2 | \$260,212 | \$260,212 | |
| H Wing | Replace VCT flooring in existing area E classrooms | 4 | \$846,395 | | |
| H Wing | Replace acoustic ceiling tiles in area E classrooms | 4 | \$247,484 | | |
| H Wing | Replace existing casework in area E classrooms | 4 | \$497,089 | | |
| Auditorium | Replace roof over the lower commons and auditorium | 3 | \$668,207 | \$668,207 | |
| Auditorium | Provide new wall tile at multistall toilet room off of lower commons. | 4 | \$33,234 | | |
| Auditorium | Provide new floor tile at multistall toilet room off of lower commons. | 4 | \$40,305 | | |
| Auditorium | Replace existing toilet partitions at multistall toilet room off of lower commons. | 3 | \$42,426 | | |
| Auditorium | Replace carpet flooring in Auditorium | 3 | \$97,579 | | |
| Auditorium | Replace existing auditorium seats | 3 | \$227,685 | | |
| Auditorium | Replace theatrical A/V, Lighting, Controls and Rigging System | 3 | \$2,784,549 | | |
| Auditorium | Replace toilet partitions in multistall toilet room in area F | 4 | \$45,961 | | |
| All | Reconstruct Remaining Uninsulated Envelope from 1964 | 2 | \$5,925,000 | | |
| All | Reconfigure the hot water system for variable secondary - reduce the number of existing pumps. Replace the existing secondary pumps. | 4 | \$1,207,015 | \$1,207,015 | |
| All | Replace all remaining pneumatic controls to fully convert the building to DDC. Allowance budgeted at construction = \$0.50 per sq. ft. | 3 | \$241,827 | \$241,827 | |
| All | Replace finned tube radiation and heating terminals installed in the original building construction. Includes DDC controls. | 2 | \$371,226 | \$371,226 | |
| All | Replace roof mounted PRV's - an allowance budgeted. Priority exhaust fans to be determined. | 3 | \$93,337 | \$93,337 | |
| All | Replace plumbing fixtures that are beyond their useful life. An allowance budgeted at \$0.5 / sq. ft. | 3 | \$278,596 | \$278,596 | |
| All | Replace all exterior parking lot poles except Areas A and E and tennis court light poles. | 3 | \$139,298 | | |
| All | Reclaim and replace all exterior asphalt on site. | 2 | \$3,898,227 | | |
| All | Replace dugouts at varsity baseball field | 2 | \$111,721 | | |
| All | Replace press box at memorial field | 2 | \$278,596 | | |
| All | Replace tennis courts | 4 | \$1,559,149 | | |
| All | Replace existing single pane exterior window system throughout entire building. | 2 | \$2,436,657 | \$2,436,657 | |
| All | General tuckpointing allowance around the entire building | 3 | \$93,337 | | |
| All | Replace exterior aluminum doors in storefront systems | 2 | \$464,563 | | |
| All | Demolish existing staff toilets that do not meet ADA and rebuild in place. | 1 | \$296,981 | \$296,981 | |
| All | Demolish and renovate multistall toilet rooms that do not meet ADA standards. | 1 | \$1,503,996 | \$1,503,996 | |
| All | Painting updates throughout building | 2 | \$668,207 | \$668,207 | |
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| | | | \$59,522,967 | \$36,108,627 | |
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| | Increase window sizes | | \$2,500,000.00 | \$2,500,000.00 | |
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| | Total with expanded windows | | | \$38,608,627 | |
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| | Total with ADA investments in locker rooms only | | | \$31,512,489.00 | |
| | Total with ADA investments in locker rooms only and expanded windows | | | \$34,012,489.00 | |