

NORTHFIELD PUBLIC SCHOOLS
Office of the Superintendent
Memorandum

TO: Board of Education
FROM: Matt Hillmann Ed.D., Superintendent
RE: Table File Items for April 22, 2024 Regular School Board Meeting

5. Items for Discussion and Reports
 - c. Ice Arena Letter of Support to the Northfield City Council. An updated ice arena letter of support is attached.
 - d. Fall 2024 Bond Referendum. The Review and Comment document is attached.
7. Consent Agenda
 - d. Personnel Items
 - i. Appointments
 18. Summer Alsaker, Child Nutrition Associate I for 3.25 hours/day at Spring Creek, beginning 8/21/2024. \$20.84/hr.
 19. Gretta Kunze, Targeted Services Summer PLUS Teacher for up to 6 hours/day Mon.-Thurs. at Greenvale Park and the Middle School, beginning 6/24/2024-8/8/2024. \$40/hr.
 20. Wendy Newman, 1.0 FTE Administrative Support Assistant Class IV at the NCEC, beginning 5/6/2024. Step 3 - \$23.26/hr.
 21. Brenda Niebuhr, AP Test Proctor at the High School, beginning 4/22/2024-5/17/2024. Licensed Sub rate.
 22. Heidi Peterson, AP Test Proctor at the High School, beginning 4/19/2024-5/17/2024. Licensed Sub rate.
 23. Ryland Updike, Instructor Lead with Community Ed Recreation, beginning 5/6/2024-5/31/2024. Step 1 - \$15.00/hr.
 - ii. Increase/Decrease/Change in Assignment
 25. Nives Bakic, EA at the Middle School, add Targeted Services Summer BLAST Site Assistant for up to 6 hours/day Mon.-Thurs. at the Middle School, effective 6/24/2024-8/8/2024. Step 4 - \$16.35/hr.
 26. Sarah Bloom, Grade 6 Teacher at the Middle School, change to Grade 5 Teacher at Greenvale Park, effective 8/22/2024.
 27. Janet Gannon, EA at the Middle School, add Targeted Services Summer BLAST Site Assistant for up to 6 hours/day Mon.-Thurs. at the Middle School, effective 6/24/2024-8/8/2024. Step 4 - \$16.35/hr.
 28. Gretchen Heil, Kindergarten Teacher at Spring Creek, add Targeted Services Summer PLUS Teacher for up to 6 hours/day Mon.-Thurs. at Greenvale Park, effective 6/24/2024-8/8/2024. \$40/hr.
 29. Anna Kelly, Science Teacher at Greenvale Park, add Targeted Services Summer PLUS Teacher for up to 6 hours/day as needed Mon.-Thurs. at Greenvale Park, effective 6/24/2024-8/8/2024. \$40/hr.
 30. Shelly Kruger, EA at the High School, add Targeted Services Summer PLUS Teacher for up to 6 hours/day Mon.-Thurs. at Greenvale Park, effective 6/24/2024-8/8/2024. \$40/hr.
 31. Lydia Montgomery, Special Ed EA PCA at the NCEC and Greenvale Park, change to Special Ed EA PCA for 18 hours/week at the NCEC, effective 4/29/2024.
 32. Angela Schock, Grade 6 Math Teacher at the Middle School, change to Grade 6 Science Teacher at the Middle School, effective 8/22/2024.
 33. Erik Swenson, Grade 2 Teacher at Bridgewater, add Targeted Services Summer PLUS Teacher for up to 6 hours/day Mon.-Thurs. at Greenvale Park, effective 6/24/2024-8/8/2024. \$40/hr.

34. LauraAnn Talbot Peterson, Math Teacher at the Middle School, add Targeted Services Summer PLUS Teacher for up to 6 hours/day as needed Mon.-Thurs. at Greenvale Park and the Middle School, effective 6/24/2024-8/8/2024. \$40/hr.
35. Ryland Updike, Instructor Lead with Community Ed Recreation, add Instructor Assistant with Community Ed Recreation, effective 5/6/2024-5/31/2024. Step 1 - \$14.00/hr.

iii. Leave of Absence

4. Correction: Lisa Krueger Robb, EL Teacher at the High School, FMLA Leave of Absence beginning 4/12/2024 through the end of the 2023-2024 school year.
5. Mollie Schwartz, Music Teacher at Spring Creek, FMLA Leave of Absence beginning on or about 8/30/2024 through 11/21/2024.

OFFICE OF THE SUPERINTENDENT

201 Orchard Street South

Northfield, MN 55057

PH 507.663.0629

www.northfieldschools.org

May 13, 2024

Northfield City Council
801 Washington Street
Northfield, MN 55057

Dear City Council Members:

The Northfield School District understands the city council is considering the construction of a new ice arena to serve our community. This letter affirms the Northfield School District's commitment to leasing the city's ice arena for the foreseeable future.

The district understands that its lease cost (including ice time) would increase up to a maximum of \$250,000 annually over 20 years. The district's board of education has approved the submission of this letter at its May 13, 2024, regular meeting. While the district must approve the cost each year as part of its annual levy process, this letter should give the city council confidence to move ahead with the long overdue replacement of the current ice arena.

The cost of not addressing this problem is significant. Conservative estimates suggest that at least 100 students would enroll elsewhere without an ice arena to support hockey and other ice-related activities. In Minnesota, school district revenue is heavily weighted on student enrollment. Based on a simple calculation, the district would likely lose around \$1 million in revenue in that scenario.

This situation is different from past discussions about the ice arena. This public/private partnership brings together the school district, the City of Northfield, the City of Dundas, and the Northfield Hockey Association. This partnership has the potential to solve a long-standing problem in our community.

Sincerely,

Matt Hillmann, Ed.D.
Superintendent

Claudia Gonzalez-George
Board Chair



**Northfield Public Schools
Independent School District #659**

2024 Referendum

**REVIEW
AND
COMMENT
SUBMITTAL**

Presented to:

**Minnesota Department of
Education**

April 18, 2024



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APPENDIX INFORMATION

- A. Enrollment Study (by Hazel Reinhardt, 2022)
- B. High School Facilities Condition Study (by Wold, 2022)
- C. High School Planning Process Task Force Summary Presentation
- D. IROD Process of High School Problems to Solve
- E. Morris Leatherman Community Survey Results
- F. High School Conceptual Test Fit Diagram
- G. DRAFT High School Addition Space Summary
- H. Detailed Budget



DISTRICT OFFICE
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April 15, 2024

Mr. Willie Jett, Commissioner
Minnesota Department of Education
400 NE Stinson Blvd.
Minneapolis, MN 55413

Re: Independent School District No. 659
Northfield Public Schools
2024 Referendum – Review & Comment Submittal

Dear Commissioner Jett:

In accordance with M.S. 123B.71, Independent School District No. 659, Northfield Public Schools, is submitting this review and comment document for our proposed referendum projects. For nearly a decade, Northfield High School has been the subject of discussion, debate, and dreaming in order to find a solution that best meets the community's needs to provide a safe, sustainable, and future-ready facility for students and staff. All students who attend Northfield High School need a facility that advances the district's vision to "prepare every student for lifelong success by developing critical thinkers who are curious and ready to engage in our society", and the "Reimagine Northfield High School" plan presented in this Review and Comment is reflective of years of study that included involvement from the community, staff, and students to achieve this vision.

Funding for the projects is proposed to be provided by general obligation bonds, and the district intends to seek voter approval in a referendum on November 5, 2024. Detailed financing information is available in Section 5 of this document. The project will be presented through three ballot questions:

- Question 1: Approximately 120,000-square-foot multi-story classroom, offices and commons addition to replace portions of the building as well as various renovations to remaining portions of the building for systems, component and equipment replacement, including demolition of aged and inadequate portions of the building. Question 1 is an amount not to exceed \$95,380,000.
- Question 2: Dramatically improve indoor physical education, athletic and community recreation access. Question 2 is an amount not to exceed \$18,725,000 and is contingent on the passage of question 1.
- Question 3: Installation of a geothermal system to heat and cool the building. Question 3 is an amount not to exceed \$6,975,000 and is contingent of the passage of questions 1 and 2.

This plan to "Reimagine Northfield High School" is the "Goldilocks" option that seeks to support our strategic plan and vision; address critical maintenance, safety, and operational needs; and align with where we believe our community's expectations are in regard to tax impact. Specific details about the project(s) are included in this review and comment, including necessary data in the appendices for reference. If you have

any questions, we have provided a list of contacts on page 2 who have been integral to the creation of this plan. We appreciate your review and comment on this proposal and look forward to your response.

Sincerely,

A handwritten signature in blue ink that reads "Matt Hillman". The signature is written in a cursive, flowing style.

Matthew J. Hillmann, Ed.D.
Superintendent

Introduction

In accordance with Minnesota Statute 123B.71, Independent School District 659 (Northfield Public Schools) submits the following educational facilities proposal for review and comment. For several years, Northfield Public Schools has evaluated needs at their High School facility related to safety & security, educational adequacy, and building condition. After significant community and stakeholder input, the School Board voted to pose a referendum to the voters of ISD 659 to address the following needs around reimagining Northfield High School:

- Safety and security of the facility and its occupants
- Adequate quantity and quality of learning spaces to support educational programming and prepare students for the future
- Replacement of aging systems, components, and equipment
- Replacement of aged furnishings with flexible furniture
- Adding additional athletics/activities space to support daytime programmatic needs as well as community and District activities needs
- Energy efficiency improvements including a proposal to include a geothermal system

Project Financing

Funding for the projects will be provided by general obligation bonds, and the District intends to seek voter approval in a referendum on November 5, 2024. The project will be presented through three ballot questions:

- Question 1: Approximately 120,000-square-foot multi-story classroom, offices, and commons addition to replace portions of the building as well as various renovations to remaining portions of the building for systems, component and equipment replacement, including demolition of aged and inadequate portions of the building. Question 1 is an amount not to exceed \$95,380,000.
- Question 2: Expansion of gymnasium space (39,500 square feet) to dramatically improve indoor physical education, athletic and community recreation access. Question 2 is an amount not to exceed \$18,725,000 and is contingent on the passage of Question 1.
- Question 3: Installation of a geothermal system to heat and cool the building. Question 3 is an amount not to exceed \$6,975,000 and is contingent of the passage of Question 1 and 2.

Detailed financing information is available in section 5 of this review and comment.

Proposal Considerations

On March 11, 2024, the School Board of Independent School District 659 approved consideration of funding this initiative through voter-approved bond financing for an election to be held on November 5, 2024. The administration and School Board believe this is in the best interest of the district and supports the district's mission.

Key Information

- Address: **Independent School District #659
Northfield Public Schools**
201 Orchard Street South
Northfield, Minnesota 55057
Contact: Dr. Matt Hillmann, Superintendent
Email: mhillmann@northfieldschools.org
Phone: (507) 663-0629
- School Board: Claudia Gonzalez-George, Chair
Corey Butler, Vice-Chair
Amy Goerwitz, Clerk
Ben Miller, Treasurer
Jenny Nelson, Director
Jeff Quinnell, Director
Noel Stratmoen, Director
- Financing: **General Obligation Bonds**
- Referendum: **November 5, 2024**
- Architect/Engineer: **Wold Architects and Engineers**
332 Minnesota Street
Suite W2000
St. Paul, MN 55101
Contact: Sal Bagley, AIA
sbagley@woldae.com; (612) 804-0599
- Construction Manager: **Knutson Construction**
5985 Bandel Road NW
Rochester, Minnesota 55901
Contact: Josh Cooper
jcooper@knutsonconstruction.com; (507) 280-9788
- Fiscal Consultant: **Ehlers**
3060 Centre Pointe Drive
Roseville, MN 55113
Contact: Jeff Seeley
jseeley@ehlers-inc.com; 651) 697-8585
- Bond Counsel: **Dorsey & Whitney LLP**
Suite 1500, 50 South Sixth Street
Minneapolis, MN 55402-1498
Contact: Andrea Hedtke
Hedtke.Andrea@dorsey.com; (612) 492-6912

I. The Geographic Area and Population to be Served

- a) *Preschool Through Grade 12 Student Enrollments for the Past Five Years,*
- b) *Current Year Student Enrollment and Student Enrollment Projections for the Next Five Years.*

Geographic Area to be Served

Northfield Public Schools (ISD #659) serves approximately 3,800 students in the community of Northfield as well as Dundas, Cannon City, Dennison and Castle Rock. The District is located primarily in Rice County with portions of the District in Dakota County. A map of the District is available on page 6.

Neighboring School Districts with contiguous borders include:

- ISD #194 – Lakeville
- ISD #192 – Farmington
- ISD #195 – Randolph
- ISD #2172 – Kenyon-Wanamingo
- ISD #656 – Faribault
- ISD #2905 – Tri-City United
- ISD #721 – New Prague

Population to be Served

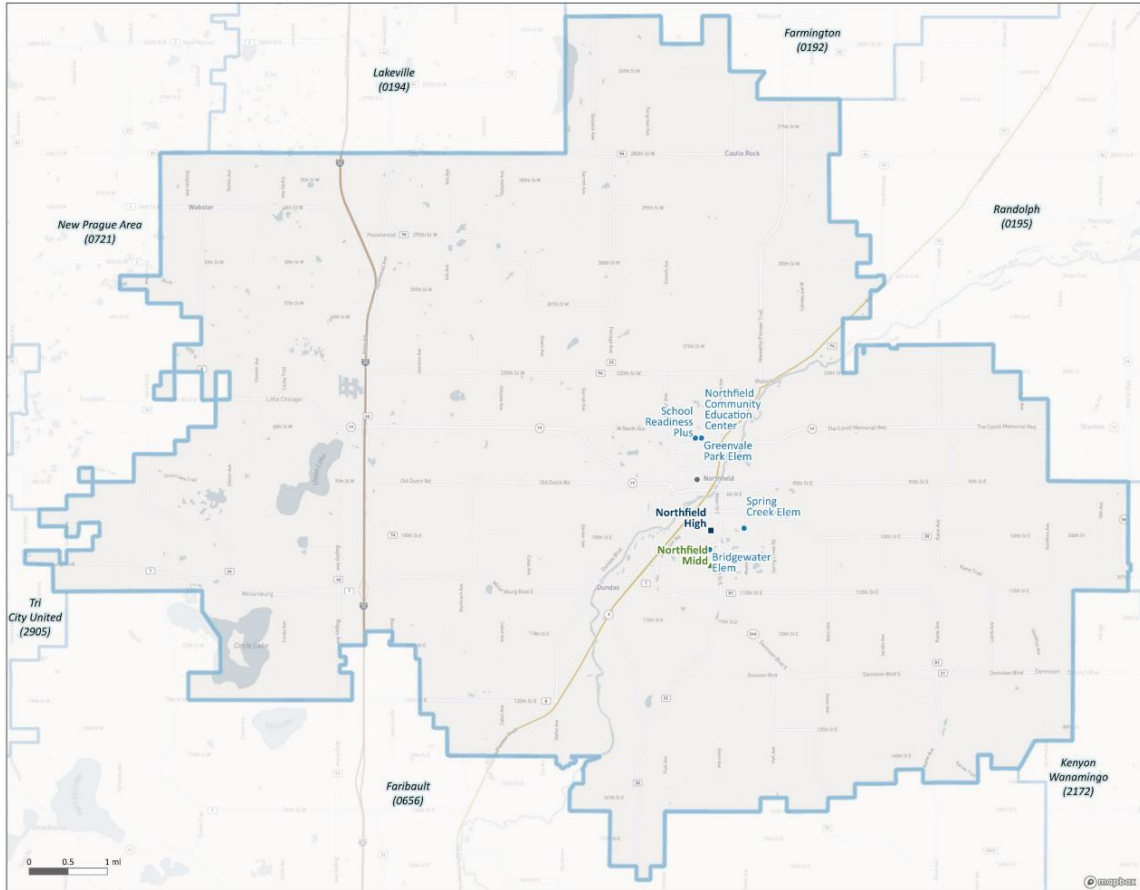
The proposed improvements to Northfield High School would impact all students, staff, and community members who access Northfield High School as improvements are proposed across academic, fine arts, activities/athletics, and commons/gathering spaces in the building along with modifications to its systems, etc. As such, populations to be served by this project are the students, staff, and communities throughout the entire District.

I. The Geographic Area and Population to be Served

- a) *Preschool Through Grade 12 Student Enrollments for the Past Five Years,*
- b) *Current Year Student Enrollment and Student Enrollment Projections for the Next Five Years.*

District Boundaries Map

District facilities are indicated on the below map, along with the District boundary.



Enrollment History (Total, and at High School) from 2011-2023

Year	Total Enrollment	Grades 9-12 Enrollment
2011-12	3,799	1,218
2012-13	3,830	1,242
2013-14	3,818	1,237
2014-15	3,887	1,239
2015-16	3,906	1,292
2016-17	3,968	1,290
2017-18	4,015	1,328
2018-19	3,999	1,371
2019-20	3,953	1,336
2020-21	3,883	1,370
2021-22	3,810	1,275
2022-23	3782	1282

I. The Geographic Area and Population to be Served

- a) *Preschool Through Grade 12 Student Enrollments for the Past Five Years,*
- b) *Current Year Student Enrollment and Student Enrollment Projections for the Next Five Years.*

Enrollment Projections, 2024 – 2029

An enrollment study was done by Hazel Reinhardt in early 2022; which can be found in Appendix A. Below are the current enrollment projections completed internally by ISD 659 based off of that study. Northfield Public Schools anticipates stable or slightly declining enrollment over the next five years.

	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
EC	47.76	50.16	47.45	46.85	43.10	34.63	36.72
VPK	-	-	-	-	-	-	-
Handicapped K	56.69	55.96	51.48	41.37	36.99	33.49	33.83
Kindergarten	183.29	196.08	186.98	194.04	179.57	140.53	140.53
Grade 1	242.30	249.52	262.06	247.94	244.77	225.17	212.54
Grade 2	231.89	243.47	250.72	263.33	249.14	245.95	222.92
Grade 3	269.52	241.13	253.17	260.71	273.82	259.06	243.49
Grade 4	268.16	272.50	243.80	255.97	263.60	276.85	256.47
Grade 5	256.29	267.44	271.77	243.14	255.28	262.88	274.08
Grade 6	283.92	285.67	298.10	302.92	271.01	284.55	284.26
Grade 7	312.92	281.27	283.00	295.31	300.09	268.48	281.70
Grade 8	318.82	317.80	285.65	287.41	299.92	304.77	265.80
Grade 9	324.00	333.71	332.65	299.00	300.84	313.93	313.73
Grade 10	356.70	323.56	333.27	332.21	298.60	300.44	310.79
Grade 11	343.61	345.70	313.58	322.99	321.96	289.39	297.44
Grade 12	309.51	360.16	362.35	328.69	338.54	337.47	286.50
PreK-12	3,805.37	3,824.13	3,776.04	3,721.88	3,677.23	3,577.61	3,460.79
K-12	3,757.61	3,773.97	3,728.58	3,675.03	3,634.14	3,542.98	3,424.07
	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2027-28
EC	47.76	50.16	47.45	46.85	43.10	34.63	36.72
K	239.98	252.04	238.46	235.41	216.56	174.03	174.36
1-3	743.71	734.12	765.95	771.98	767.72	730.18	678.95
4-6	808.37	825.61	813.66	802.04	789.89	824.28	814.81
7-12	1,965.56	1,962.21	1,910.51	1,865.61	1,859.96	1,814.49	1,755.95
ADM	3,805.37	3,824.13	3,776.04	3,721.88	3,677.23	3,577.61	3,460.79
WADM	4,198.48	4,216.57	4,158.14	4,095.00	4,049.23	3,940.51	3,811.99

2. A List of Existing School Facilities

- a) by year constructed,
- b) their uses, and
- c) an assessment of the extent to which alternate facilities are available within the school district boundaries and in adjacent school districts.

Description of Existing Facilities/Utilization

Northfield Public Schools operates eight total facilities, which is not proposed to change as a part of this proposal. Below is a chart including building names, addresses, years built, square feet (by year built, and in total) and site acreage.

Building Name / Use	Address			Year Built	Square Feet	Acreage
Bridgewater Elementary (K-5)	401 Jefferson Parkway	Northfield	55057	1998	84,000	10 acres
				2019	3,728	
				TOTAL	87,728	
Greevale Park Elementary (K-5)	500 Lincoln Parkway	Northfield	55057	2020	93,600	21 acres (shared with HCEC)
				TOTAL	93,600	
Spring Creek Elementary (K-5)	1400 Maple Street	Northfield	55057	1962	37,959	21 acres
				1976	10,437	
				1990	14,673	
				2003	264	
				2010	12,515	
				2020	10,702	
				TOTAL	86,550	
Northfield Middle School (6-8)	2200 Division Street South	Northfield	55057	2004	208,000	61 acres
				TOTAL	208,000	
Northfield High School (9-12)	1400 Division Street South	Northfield	55057	1964	179,098	36 acres
				1970	6,030	
				1993	20,950	
				1997	29,816	
				1998	24,765	
				2002	9,900	
				TOTAL	270,559	
Northfield Community Ed. Center (ABE, Early Learning)	700 Lincoln Parkway	Northfield	55057	1970	66,999	21 acres (shared with Greevale Park)
				TOTAL	66,999	
District Office/ALC	201 Orchard Street South	Northfield	55057	1941	40,382	2.5 acres
				1962	12,470	
				TOTAL	52,852	
District Maintenance Shop	720 Gleason Rd.	Dundas	55109	1994	10,080	
				TOTAL	10,080	

Available Alternate Facilities

The proposal in this Review and Comment suggests continued reuse of the Northfield High School facility and site, and as such no alternate facilities were explored to address the needs.

3. A List of the Specific Deficiencies of the Facilities

- a) Demonstrating Need
- b) Process Used to Determine Deficiencies
- c) List of How Deficiencies will be Addressed
- d) Specific Benefits to Students, Teachers and Community

Process Used to Determine Deficiencies

Northfield High School has been studied for nearly a decade, with an unsuccessful request made to the voters in 2017 to replace the facility. In 2018, the District held a successful bond referendum to address safety/security as well as Elementary needs, and in 2022 began discussions around the High School again. The staff, students and community were engaged in the process via a Task Force that met four times. Their charge was as follows:

Develop a Facilities Master Plan for Northfield High School for recommendation to the School Board that will:

- *Best serve the School District's educational goals*
- *Be financially attainable and sustainable*
- *Reflect the values and priorities of the communities of Northfield Public Schools*
- *Accommodate the District's 9-12 enrollment and programs hosted*
- *Cover anticipated needs for the next 20 years, as well as recognize major issues beyond that time frame*
- *Be consistent with the School District's Strategic Plan*
- *Recommend optimal use of facilities, accommodate projected enrollment and support educational delivery along with the rationale for the recommendations*

To do this, the Task Force will analyze data in order to:

- *Understand and quantify building capacity for Northfield High School, including relevant Community Education or community programming*
- *Understand facility maintenance needs and recommend priorities to the District*
- *Address both capital costs and operational costs*

The Task Force met four times and reviewed information about building capacity; building condition; safety and security; feedback gathered from staff and students; and had various discussions about the best path forward. They developed the below Findings and Needs statements that helped shape the solutions studied further by the School Board/Administration. A copy of the building condition report is available in Appendix B, and a detailed presentation summarizing of the Task Force's work is available in Appendix C.

Building Condition Findings

- Northfield High School was originally built in 1964 and has been added onto several times, including in 1970, 1992, 1996, and 1997. While upgrades have been done to the buildings' systems over time (including large mech/elec renovation in 2002), many of the systems and components throughout the building are past their useful life.
- Occupants of the building report uneven heating and cooling, including areas without cooling.

3. A List of the Specific Deficiencies of the Facilities

- a) *Demonstrating Need*
- b) *Process Used to Determine Deficiencies*
- c) *List of How Deficiencies will be Addressed*
- d) *Specific Benefits to Students, Teachers and Community*

(cont')

- The building envelope requires improvements for insulation and water intrusion, including waterproofing, tuckpointing, roof work, and windows.
- The restrooms and locker room areas are in poor condition.
- There are elements of the High School that are not in compliance with the ADA (Americans with Disabilities Act), and occupants with mobility needs report challenges with some of the level changes in the building.
- Needs anticipated in the next 10+ years are around \$38M (in 2022 dollars).

Building Condition Needs Statements

- The systems of Northfield High School should provide an environment that is safe, healthy, and encourages learning, including appropriate and reliable temperature and indoor air quality.
- The Master Plan should address all known maintenance needs for the facility.
- All buildings need to meet accessibility codes to support all those who use the buildings, including students, staff, and the community. The buildings should be designed with universal access to all spaces.
- The Master Plan should prioritize sustainability and energy efficiency with a focus on lowering operating costs.
- The Master Plan should prioritize access to improved lighting, including interior lighting upgrades and access to natural daylight.

Programming and Future Readiness Findings

- Special education programming has changed significantly since the time the building was built, and there are layout/configuration challenges.
- Specialized environments, like FACS, Science, and T&E do not have appropriate provisions, including adequate lab space, equipment, and space relationships.
- The music wing struggles with inaccessible tiered floors, being on a different level from the auditorium, and inadequate space. Practice rooms, instrument storage, and enough rehearsal spaces are needed.
- The building has a small amount of flexible learning space, which has been embraced and building users highly value. In general, much of the NHS facility is inflexible.

Programming and Future Readiness Needs Statements

- Northfield High School should be designed to support the mission and vision of the District, including community expectations and current/future programming.
- The Master Plan should include flexible/multiuse, welcoming spaces for students and staff.

3. A List of the Specific Deficiencies of the Facilities

- a) *Demonstrating Need*
- b) *Process Used to Determine Deficiencies*
- c) *List of How Deficiencies will be Addressed*
 - *Specific Benefits to Students, Teachers and Community*

(cont')

- The Master Plan should update hands-on spaces, such as FACS, Science, and T&E to match current and future programming and provide spaces for all students to succeed.
- The Master Plan should include flexible furniture throughout the facility to support adaptability and choice.
- The Master Plan should include appropriate spaces for special education.
- The Master Plan should include adequate space for music rehearsals that is accessible and includes appropriate practice and storage space.

Performance, Activities and Community Spaces Findings

- Physical education offerings during the day do not have enough space, leading to scheduling challenges and classes being held in inappropriate environments like hallways.
- The type and quantity of activities offerings has increased significantly since the building was built, and there is not enough space at the high school. This leads to scheduling challenges and practices occurring late in the evening.
- The locker rooms are in poor condition and are not comfortable for users.
- The outdoor fields require constant maintenance and are oftentimes inaccessible for use due to drainage and the wear/tear from high demand.
- Storage is scattered throughout the building and undersized, including lockers.
- The technology/systems of the auditorium require replacement, including lighting, sound systems, rigging, and seats.

Performance, Activities, and Community Spaces Needs Statements

- The High School should have adequate on-site space to support daytime physical education needs as well as before/after school activities. The Master Plan should work to minimize the use of offsite facilities and ensure high utilization of onsite amenities.
- The locker rooms should support supervision and user comfort as well as accommodate the variety of groups that may need to access the space at the same time.
- The Master Plan should address the lack of circulation around the gymnasium to avoid having to walk through spaces to access others.
- The systems and technology in the auditorium and gymnasium should support demands for both District and community use.
- The Master Plan should include a flexible performance space (Black Box or similar) to accommodate a range of performance and meeting space demands.
- The Master Plan should include accessible and attractive common spaces for both daytime and community use.

3. A List of the Specific Deficiencies of the Facilities

- a) *Demonstrating Need*
- b) *Process Used to Determine Deficiencies*
- c) *List of How Deficiencies will be Addressed*
- d) *Specific Benefits to Students, Teachers and Community*

Wayfinding and Safety Findings

- Northfield High School has many exterior doors which are difficult to control.
- The overall layout of the building can be confusing to visitors and disorienting to users.

Wayfinding and Safety Needs Statements

- The design of Northfield High School should support the District's safety and security standard, including screening visitors before entering the building and creating secure zones within the facility. The design of security systems should be seamless with the building environment.
- The Master Plan should provide for safe and efficient exterior traffic flow for students, staff, buses, drop-off/pick-up vehicles, bicycles, and pedestrians.
- The building should be safe and welcoming for students, staff, and the community.

The School Board and Administration continued the work around Northfield High School in 2023 and a summary of their work/timeline associated is on the following page. This work included:

- Review of 2022 Task Force's work
- Community input meetings
- Tours of the building for the public
- Multiple work sessions of the Board to discussion options
- Community survey for input on scope and tax impact tolerance

The Board and Administration documented the challenges with Northfield High School and analyzed options forward which included a maintenance-only option; a maintenance plus expanded gym; the "reimagine" option (selected option); a new building on the current site; and a new building on a new site. These options were cost estimated and evaluated against how well the addressed all of the evaluated challenges. This process was documented in Appendix D.

Prior to making a decision, the Board and Administration contracted with Morris-Leatherman to do a stratified sample community survey around the needs to be addressed as well as the tax impacts associated with those needs/options. The presentation from Morris-Leatherman can be found in Appendix E; in summary, the community survey showed support for the needs to be identified along with a likely successful outcome if the tax impact remained within the recommended range.

Option 2, as it came to be known "Reimagine" Northfield High School, was seen as the best union between addressing all identified challenges and staying within recommended tax impact. This plan proposes to replace the portions of NHS which are in poor condition and do not lend

3. A List of the Specific Deficiencies of the Facilities

- a) *Demonstrating Need*
- b) *Process Used to Determine Deficiencies*
- c) *List of How Deficiencies will be Addressed*
- d) *Specific Benefits to Students, Teachers and Community*

themselves to the best educational environments and reinvesting in the portions of the building which have fewer challenges (auditorium; game gym; media center; existing office; and “V Wing”). After discussion, the Board determined they would put forth expanded gymnasium facilities as a Question 2 on the ballot to provide voters with choice and to keep the request as a part of Question 1 within the recommended range. Finally, the potential of including a geothermal heating/cooling system as a Question 3 was recommended to gauge community value around energy efficiency and carbon impact.

Reimagine Northfield High School represents the “goldilocks” option that sets Northfield Public Schools and its staff, students and community up for a bright future to achieve their mission and goals while keeping fiscal responsibility in mind.

Date	Action
October 2023	<ul style="list-style-type: none"> • The board considered a random stratified sample voter survey • The board discusses the timeline for the potential 2024 bond election
November 2023	<ul style="list-style-type: none"> • The board reviewed previous high school discussions from 2017 and 2022 and clarified the purpose of a potential high school bond • The board considered options for addressing high school deficiencies • Nov. 16: work session date (5:30 pm—7:30 pm) • Nov. 18: NHS building tour for the public (10 am—12 pm)
December 2023	<ul style="list-style-type: none"> • The board considered options for addressing high school deficiencies • Dec. 4: work session (5:30 pm—7:30 pm) • Dec. 9: bus trip to tour Owatonna High School (Depart from NHS Door No. 1 at 12:15 pm) • Dec. 12: NHS building tour for the the public (6 pm—8 pm)
January 2024	<ul style="list-style-type: none"> • The board considered options for addressing high school deficiencies • Random stratified sample community survey is conducted by Morris-Leatherman on Jan. 8 • Jan. 16: board work session (5:30 pm—7:30 pm) at NHS media center • Jan. 20: NHS building tour for the public (10 am—12 pm) • Jan. 29: Public meeting and feedback session (6 pm—8 pm) at NHS auditorium
February 2024	<ul style="list-style-type: none"> • Feb. 3: NHS building tour for the public (10 am—12 pm) • Feb. 26: board received random stratified sample survey results at regular meeting
March 2024	<ul style="list-style-type: none"> • March 5: board work session (4:00 pm—5:59 pm) at the NHS media center • March 11: Board vote to proceed with “Reimagine Northfield High School” as a three-question referendum on the Nov. 2024 ballot

3. A List of the Specific Deficiencies of the Facilities

- a) Demonstrating Need*
- b) Process Used to Determine Deficiencies*
- c) List of How Deficiencies will be Addressed*
- d) Specific Benefits to Students, Teachers and Community*

Summary – Plan Overview:

- If Question 1 passes, the plan includes a 120,000-square-foot multi-story classroom addition. It involves strategically demolishing the D, H, M and S wings (102,000 square feet) and renovating the remainder of the existing square footage. Cost: \$95.38 million.
- If Question 2 passes (contingent on Question 1 passing), the plan features a gymnasium addition big enough for four full-sized basketball courts. It would dramatically improve indoor physical education, athletic and community recreation access. Cost: \$18.725 million.
- If Question 3 passes (contingent on Questions 1 and 2 passing), the plan includes installing a geothermal system to heat and cool the building. Cost: \$6.975 million.

A conceptual test fit of the plan is available in Appendix F.

Specific Benefits to Students, Teachers and Community

The proposed referendum will address capacity, safety and security, program needs, and learning spaces for all students, staff, and community members who utilize Northfield High School.

4. A Description of the Project including:

- a) *Site and Outdoor Acreage*
- b) *Square Footage Allocations*
- c) *Estimated Expenditures*
- d) *Schedule*

Site and Outdoor Acreage

The proposed site is the existing High School, which is a 36 acre site. While this falls slightly short of current guidelines around ideal acreage for a 1,500 student High School, the reuse of the existing building in part as well as investment in a multi-story addition will improve upon the utilization of the current site to support needed uses around parking, green space, and facility space. The conceptual test fit in Appendix F reviews anticipated building / parking lot coverage vs. open green space.

Square Footage Allocations

Square footage allocations were primarily developed through utilization of Minnesota Department of Education School Construction Guidelines for square foot per student based on building use and size. A space summary was also developed that is available in Appendix G that includes identified spaces and sizes based on input from the High School administration.

4. A Description of the Project including:

- a) Site and Outdoor Acreage
- b) Square Footage Allocations
- c) Estimated Expenditures
- d) Schedule

Estimated Expenditures – Summary

A detailed version of this budget can be found in Appendix H.

Area	Description	Recommended Project Budget
D/H/S/M Wings	Demolition of D, H, S, M wing	\$ 1,374,141
New Construction	Reconstruct Classrooms, Cafeteria/Commons, Music	\$ 56,083,125
New Construction	Storm Shelter	\$ 1,875,000
Renovation	Reconstruct Remaining Uninsulated Envelope from 1964	\$ 2,655,000
Light Renovation	Auditorium Renovation	\$ 3,939,946
Medium Renovation	Medium Renovation of V Wing	\$ 7,287,500
Light Renovation	Light Renovation of Media Center & other remaining space	\$ 3,953,125
Heavy Renovation	Gymnasium Renovation	\$ 1,976,563
Heavy Renovation	Music Rooms Renovation	\$ 1,870,000
Heavy Renovation	Locker Room Renovation	\$ 4,147,500
Kitchen	Replacement Kitchen Equipment (50%)	\$ 875,000
All	New Flexible Furniture	\$ 4,045,191
Site	Parking Lot	\$ 3,898,227
Site	Reconstruct Tennis Courts	\$ 1,850,000
		\$ 95,830,316
Question 2		
New Construction	Expanded Gym (4 station)	\$ 18,762,500
		\$ 18,762,500
Question 3		
New Construction	Geothermal	\$ 7,000,000
		\$ 7,000,000
		\$ 121,592,816

Note: All estimates are Project Costs and include fees, testing, permits, contingency, etc.

Note: It is anticipated by the School Board that any surplus from the above noted projects (if any) will be used for yet unidentified deferred maintenance, capital expenditures for technology and/or equipment, or space expansion or other betterment of school facilities.

4. A Description of the Project including:

- a) *Site and Outdoor Acreage*
- b) *Square Footage Allocations*
- c) *Estimated Expenditures*
- d) *Schedule*

Estimated Operational Expenditures

This project in large part replaces existing square footage and will improve energy efficiency greatly. That being said, there are anticipated increases in costs for cleaning and utilities associated with additional square footage as well as providing dehumidification and sufficient ventilation to areas that lack these things today. The potential of a geothermal heating/cooling system to be funded via Question 3 would have a large impact on potential cost savings in regards to utilities.

Preliminary Schedule

Conceptual phasing of the plan has been reviewed, summarized below. Please note that this phasing is subject to change based on final design.

Review and Comment Submittal to MDE	April 2024
Review and Comment MDE Review	April 2024 – June/July 2024
Referendum	November 5, 2024
Design	December 2024 – January 2026
Construction (in phases)	Spring 2026 – Spring 2029*

**exact phasing to be determined after design is complete*

5. A Specification of the Source of Project Financing including:

- a) *applicable statutory citations,*
- b) *the scheduled date for a bond issue or school board action,*
- c) *a schedule of payments, including debt service equalization aid, and*
- d) *the effect of a bond issue on local property taxes by property class and valuation*

Northfield Public Schools, ISD #659 proposes to obtain financing from the sale of General Obligation bonds. The School District will seek voter approval of three ballot question on Tuesday, November 5, 2024, pursuant to Minnesota Statutes Chapter 475 which, if approved, would result in a bond financing of \$121,080,000. The District plans to split the bonding authority into two separate bond issues, with total financing term of up to 30 years.

The difference between the amount requested to be authorized by the voters (plus estimated interest earnings in the construction fund) and estimated underwriter's discount and costs of issuing this debt (legal and fiscal costs) equals \$121,600,000, the amount the District expects to need for construction projects.

Ehlers has prepared the following schedules which have been included on the following pages of this document:

1. Estimated sources and uses of funds for the proposed bond issues.
2. Estimated debt payment structure for the anticipated bond issues and estimated annual debt service property tax levies after accounting for the 105% levy requirement for the various ballot question combinations.
3. An analysis of the estimated tax impact on various values of residential, commercial, and agricultural properties for the proposed bond issue.

Note: The following information has been prepared by Ehlers.

5. A Specification of the Source of Project Financing (continued):
Sources and Uses of Funds

ESTIMATES FOR REVIEW AND COMMENT

Northfield School District, ISD 659

March 27, 2024

Estimated Sources and Uses of Funds (Two Bond Issues)
School Building Bonds - Election November 5, 2024

Ballot Question	1	2	3	Total
Bond Amount	\$95,380,000	\$18,725,000	\$6,975,000	\$121,080,000
Estimated Project Costs	\$95,800,000	\$18,800,000	\$7,000,000	\$121,600,000
Term (Years)/Number of Levies Dated Date				30 2/1/2025 & 5/1/2027
Sources of Funds				
Par Amount	\$95,380,000	\$18,725,000	\$6,975,000	\$121,080,000
Investment Earnings ¹	1,580,700	280,880	104,620	1,966,200
Total Sources	\$96,960,700	\$19,005,880	\$7,079,620	\$123,046,200
Uses of Funds				
Allowance for Discount Bidding ²	\$715,350	\$140,438	\$52,313	\$908,100
Legal and Fiscal Costs ³	445,350	65,443	27,308	538,100
Net Available for Project Costs	95,800,000	18,800,000	7,000,000	121,600,000
Total Uses	\$96,960,700	\$19,005,880	\$7,079,620	\$123,046,200
Initial Deposit to Construction Fund	\$94,219,300	\$18,519,120	\$6,895,380	\$119,633,800

- 1 Estimated investment earnings for the bonds are based on an average interest rate of 1.50% with an estimated completion date of 9/1/2028.
- 2 The allowance for discount bidding is an estimate of the compensation taken by the underwriter who provides the lowest true interest cost as part of the competitive bidding process and purchases the bonds. Ehlers provides independent municipal advisory services as part of the bond sale process and is not an underwriting firm.
- 3 Includes fees for municipal advisor, bond counsel, rating agency, paying agent and county certificates for two bond issues.



5. A Specification of the Source of Project Financing (continued):
Debt Service Schedule (Question 1)

ESTIMATES FOR REVIEW AND COMMENT

Northfield Public School District No. 659
Analysis of Possible Structure for Capital and Debt Levies

Ballot Question 1

\$95,380,000 Bond Issue
30 Tax Levies
Wrapped Around Existing Debt

March 27, 2024

Type of Bond	Principal Amount	Dated Date	Interest Rate
Voter-Approved Building	40,000,000	02/01/25	5.00%
Voter-Approved Building	55,380,000	05/01/27	5.10%

Levy Payable Year	Fiscal Year	Tax Capacity Value ¹		Existing Commitments				Other Levies		Existing Tax Rate	Proposed New School Building Bonds				Combined Totals				
		(\$000s)	% Chg	Building Bonds ²	M/Fac/Fac Maint H&S Bonds ²	Est. Debt Excess ³	Net Levy	Tax Rate	Lease Levy		Capital Project Levy ⁴	Principal	Interest	Advt. Debt Excess ³	Net Levy	Initial Debt Levy	Net Levy	Tax Rate	
2023	2024	40,415	15.6%	4,602,551	1,176,788	(282,096)	5,497,243	13.60	59,154	750,000	15.60	-	-	-	-	6,306,397	6,306,397	15.60	
2024	2025	45,043	11.5%	2,475,251	1,328,513	(390,762)	3,413,002	7.58	59,153	1,906,488	11.94	2,125,000	2,000,000	205,000	4,538,250	5,378,643	5,378,643	11.94	
2025	2026	45,944	2.0%	3,481,413	-	(367,878)	3,113,735	6.78	69,592	2,124,785	11.55	2,310,000	1,893,750	-	4,413,938	9,844,362	9,844,362	21.43	
2026	2027	46,883	2.0%	3,526,563	-	(139,257)	3,387,306	7.23	69,592	2,167,280	12.00	460,000	3,896,535	-	4,574,362	10,038,116	10,038,116	21.42	
2027	2028	47,800	2.0%	3,527,613	-	(141,063)	3,386,550	7.08	69,592	2,210,628	11.86	-	4,579,420	(182,974)	4,625,417	10,241,130	10,241,130	21.43	
2028	2029	48,278	1.0%	3,523,150	-	(141,105)	3,382,045	7.01	69,592	2,254,838	11.82	90,000	4,579,420	(185,017)	4,717,874	10,331,893	10,331,893	21.40	
2029	2030	48,761	1.0%	3,523,675	-	(140,926)	3,382,749	6.94	69,592	2,277,387	11.75	240,000	4,574,875	(188,715)	4,866,904	10,447,602	10,447,602	21.43	
2030	2031	49,248	1.0%	3,524,542	-	(140,947)	3,383,595	6.87	-	2,300,161	11.54	235,000	4,562,765	(194,676)	4,842,977	10,550,689	10,550,689	21.42	
2031	2032	49,248	0.0%	3,524,962	-	(140,962)	3,383,980	6.87	-	2,323,162	11.59	250,000	4,550,905	(193,719)	4,847,231	10,550,119	10,550,119	21.42	
2032	2033	49,248	0.0%	3,522,127	-	(140,998)	3,381,128	6.87	-	2,323,162	11.58	260,000	4,538,290	(193,889)	4,844,315	10,551,521	10,551,521	21.43	
2033	2034	49,248	0.0%	3,522,179	-	(140,885)	3,381,294	6.87	-	2,323,162	11.58	275,000	4,525,170	(193,773)	4,846,406	10,548,771	10,548,771	21.42	
2034	2035	49,248	0.0%	3,524,962	-	(140,887)	3,384,074	6.87	-	2,323,162	11.59	285,000	4,511,295	(193,856)	4,842,254	10,553,643	10,553,643	21.43	
2035	2036	49,248	0.0%	3,524,423	-	(140,998)	3,383,425	6.87	-	2,323,162	11.59	300,000	4,496,915	(193,690)	4,843,071	10,549,841	10,549,841	21.42	
2036	2037	49,248	0.0%	3,525,769	-	(140,977)	3,384,792	6.87	-	2,323,162	11.59	315,000	4,481,780	(193,723)	4,842,896	10,551,025	10,551,025	21.42	
2037	2038	49,248	0.0%	3,524,850	-	(141,031)	3,383,819	6.87	-	2,323,162	11.59	330,000	4,465,885	(193,716)	4,841,963	10,549,878	10,549,878	21.42	
2038	2039	49,248	0.0%	3,525,323	-	(140,994)	3,384,329	6.87	-	2,323,162	11.59	3,700,000	4,449,235	(329,052)	8,227,645	10,549,454	10,549,454	21.42	
2039	2040	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	3,885,000	4,262,570	(329,106)	8,225,843	10,550,807	10,550,807	21.42	
2040	2041	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	4,085,000	4,066,570	(329,034)	8,230,115	10,549,005	10,549,005	21.43	
2041	2042	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	4,290,000	3,860,480	(329,205)	8,228,799	10,553,277	10,553,277	21.43	
2042	2043	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	4,505,000	3,644,045	(329,152)	8,227,345	10,551,962	10,551,962	21.43	
2043	2044	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	4,735,000	3,416,765	(329,094)	8,230,259	10,550,507	10,550,507	21.42	
2044	2045	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	4,970,000	3,177,880	(329,210)	8,226,064	10,553,422	10,553,422	21.43	
2045	2046	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	5,225,000	2,927,140	(329,043)	8,230,704	10,549,226	10,549,226	21.42	
2046	2047	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	5,485,000	2,653,535	(329,228)	8,228,734	10,553,867	10,553,867	21.43	
2047	2048	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	5,765,000	2,396,815	(329,089)	8,230,536	10,549,896	10,549,896	21.42	
2048	2049	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	6,055,000	2,095,970	(329,213)	8,229,305	10,553,499	10,553,499	21.43	
2049	2050	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	6,360,000	1,790,495	(329,172)	8,228,848	10,552,467	10,552,467	21.43	
2050	2051	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	6,685,000	1,469,630	(329,154)	8,233,208	10,552,010	10,552,010	21.43	
2051	2052	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	7,025,000	1,130,160	(329,328)	8,233,590	10,556,370	10,556,370	21.44	
2052	2053	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	7,380,000	771,885	(329,344)	8,230,136	10,556,752	10,556,752	21.44	
2053	2054	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	7,755,000	395,505	(329,205)	8,228,825	10,553,298	10,553,298	21.43	
2054	2055	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	-	-	-	-	10,551,987	10,551,987	21.43	
2055	2056	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	-	-	-	-	2,323,162	2,323,162	4.72	
Totals					56,379,351	2,505,301	(2,871,584)	56,013,068		466,268	76,393,781		95,380,000	100,165,685	(7,169,357)	198,153,612	331,026,729	331,026,729	

1 Tax capacity value for taxes payable in 2023 is the actual value. Estimates for future years are based on the percentage changes as shown above.
 2 Initial debt service levies (prior to subtracting debt equalization aid) are set at 105 percent of the principal and interest payments during the next fiscal year.
 3 Debt excess adjustment for taxes payable in 2023 and 2024 are the actual amounts. The adjustment for 2025 is an estimate using the June 30, 2023 debt service fund balance. Debt excess for future years is estimated at 4% of the prior year's initial debt service levy.
 4 Assumes that the existing capital project levy would be renewed at the same tax rate prior to expiring.

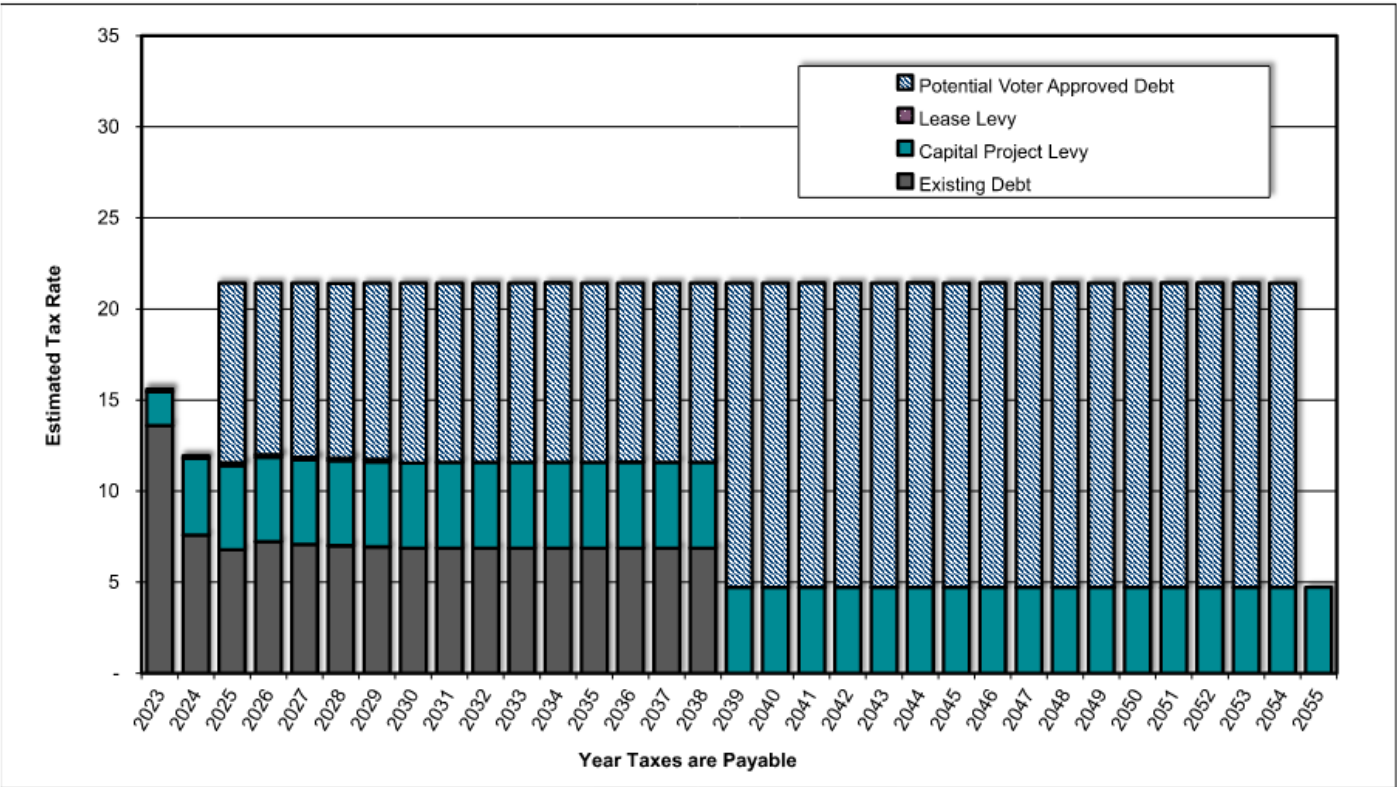


5. A Specification of the Source of Project Financing (continued):
 Debt Plan (Question 1)

ESTIMATES FOR REVIEW AND COMMENT

Northfield Public School District No. 659
 Estimated Tax Rates for Capital and Debt Service Levies
 Existing Commitments and Proposed New Debt

\$95,380,000 Bond Issue
30 Tax Levies
Wrapped Around Existing Debt



5. A Specification of the Source of Project Financing (continued):
Debt Service Schedule (Questions 1 and 2)

ESTIMATES FOR REVIEW AND COMMENT

Northfield Public School District No. 659
Analysis of Possible Structure for Capital and Debt Levies

\$114,105,000 Bond Issue
30 Tax Levies
Wrapped Around Existing Debt

Ballot Questions 1 & 2

March 27, 2024

Type of Bond	Principal Amount	Dated Date	Interest Rate
Voter-Approved Building	40,000,000	02/01/25	5.00%
Voter-Approved Building	74,105,000	05/01/27	5.10%

Levy Year	Fiscal Year	Tax Capacity Value ¹ (\$000s)	% Chg	Existing Commitments				Other Levies		Existing Tax Rate	Proposed New School Building Bonds				Combined Totals			
				Building Bonds ²	Alt Fac/Fac Main H&S Bonds ²	Est. Debt Excess ³	Net Levy	Tax Rate	Lease Levy		Capital Project Levy ⁴	Principal	Interest	Adff. Debt Excess ³	Net Levy	Initial Debt Levy	Net Levy	Tax Rate
2023	2024	40,415	15.6%	4,602,551	1,176,788	(282,098)	5,497,243	13.60	59,154	750,000	15.60	-	-	-	-	6,306,397	6,306,397	15.60
2024	2025	45,043	11.5%	2,475,251	1,328,513	(390,762)	3,413,002	7.58	59,153	1,906,488	11.94	-	-	-	-	5,378,643	5,378,643	11.94
2025	2026	45,944	2.0%	3,481,413	-	(367,678)	3,113,735	6.76	69,592	2,124,785	11.55	3,085,000	2,000,000	255,000	5,594,250	10,902,362	10,902,362	23.73
2026	2027	46,863	2.0%	3,526,583	-	(139,257)	3,387,308	7.23	69,592	2,167,280	12.00	3,390,000	1,845,750	-	5,497,538	11,121,716	11,121,716	23.73
2027	2028	47,800	2.0%	3,527,613	-	(141,063)	3,386,550	7.08	69,592	2,210,626	11.86	895,000	4,510,766	-	5,676,055	11,342,823	11,342,823	23.73
2028	2029	48,278	1.0%	3,523,150	-	(141,105)	3,382,046	7.01	69,592	2,254,838	11.82	265,000	5,410,450	(227,042)	5,753,180	11,459,657	11,459,657	23.74
2029	2030	48,761	1.0%	3,523,675	-	(140,926)	3,382,749	6.94	69,592	2,277,387	11.75	390,000	5,396,070	(230,127)	5,845,246	11,574,974	11,574,974	23.74
2030	2031	49,248	1.0%	3,524,542	-	(140,947)	3,383,595	6.87	-	2,300,161	11.54	565,000	5,376,390	(233,810)	6,004,650	11,688,405	11,688,405	23.73
2031	2032	49,248	0.0%	3,524,962	-	(140,982)	3,383,980	6.87	-	2,323,162	11.59	580,000	5,347,885	(240,186)	5,984,093	11,691,235	11,691,235	23.74
2032	2033	49,248	0.0%	3,522,127	-	(140,998)	3,381,128	6.87	-	2,323,162	11.58	610,000	5,318,620	(239,364)	5,985,687	11,689,978	11,689,978	23.74
2033	2034	49,248	0.0%	3,522,179	-	(140,885)	3,381,294	6.87	-	2,323,162	11.58	640,000	5,287,845	(239,427)	5,984,810	11,689,266	11,689,266	23.74
2034	2035	49,248	0.0%	3,524,962	-	(140,887)	3,384,074	6.87	-	2,323,162	11.59	670,000	5,255,555	(239,392)	5,982,440	11,689,677	11,689,677	23.74
2035	2036	49,248	0.0%	3,524,423	-	(140,998)	3,383,425	6.87	-	2,323,162	11.59	705,000	5,221,750	(239,298)	5,983,790	11,690,377	11,690,377	23.74
2036	2037	49,248	0.0%	3,525,789	-	(140,977)	3,384,792	6.87	-	2,323,162	11.59	740,000	5,186,180	(239,352)	5,983,137	11,691,091	11,691,091	23.74
2037	2038	49,248	0.0%	3,524,850	-	(141,031)	3,383,819	6.87	-	2,323,162	11.59	775,000	5,148,845	(239,325)	5,980,712	11,687,693	11,687,693	23.73
2038	2039	49,248	0.0%	3,525,323	-	(140,994)	3,384,329	6.87	-	2,323,162	11.59	815,000	5,109,745	(239,228)	5,981,754	11,689,244	11,689,244	23.74
2039	2040	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	4,210,000	5,068,625	(374,643)	9,367,913	11,691,075	11,691,075	23.74
2040	2041	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	4,420,000	4,856,230	(374,717)	9,365,325	11,688,487	11,688,487	23.73
2041	2042	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	4,645,000	4,633,240	(374,613)	9,367,539	11,690,701	11,690,701	23.74
2042	2043	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	4,880,000	4,398,895	(374,702)	9,368,138	11,691,300	11,691,300	23.74
2043	2044	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	5,125,000	4,152,695	(374,726)	9,366,854	11,690,016	11,690,016	23.74
2044	2045	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	5,380,000	3,894,135	(374,674)	9,363,168	11,686,330	11,686,330	23.73
2045	2046	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	5,655,000	3,622,710	(374,527)	9,367,089	11,690,231	11,690,231	23.74
2046	2047	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	5,940,000	3,337,415	(374,683)	9,366,603	11,689,765	11,689,765	23.74
2047	2048	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	6,240,000	3,037,740	(374,684)	9,366,963	11,690,125	11,690,125	23.74
2048	2049	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	6,555,000	2,722,930	(374,679)	9,367,148	11,690,310	11,690,310	23.74
2049	2050	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	6,885,000	2,392,230	(374,698)	9,366,406	11,689,568	11,689,568	23.74
2050	2051	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	7,235,000	2,041,275	(374,656)	9,365,433	11,688,595	11,688,595	23.73
2051	2052	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	7,605,000	1,672,290	(374,617)	9,366,537	11,689,699	11,689,699	23.74
2052	2053	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	7,990,000	1,284,435	(374,661)	9,363,495	11,686,657	11,686,657	23.73
2053	2054	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	8,400,000	876,945	(374,540)	9,366,252	11,689,415	11,689,415	23.74
2054	2055	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	8,795,000	448,545	(374,650)	9,331,072	11,654,234	11,654,234	23.66
2055	2056	49,248	0.0%	-	-	-	-	-	-	2,323,162	4.72	-	-	-	-	2,323,162	2,323,162	4.72
Totals				56,379,351	2,505,301	(2,871,584)	56,013,068		466,268	76,393,781		114,105,000	114,856,186	(8,345,989)	232,063,257	364,936,374	364,936,374	

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 3 Debt excess adjustment for taxes payable in 2023 and 2024 are the actual amounts. The adjustment for 2025 is an estimate using the June 30, 2023 debt service fund balance. Debt excess for future years is estimated at 4% of the prior year's initial debt service levy.
 4 Assumes that the existing capital project levy would be renewed at the same tax rate prior to expiring.

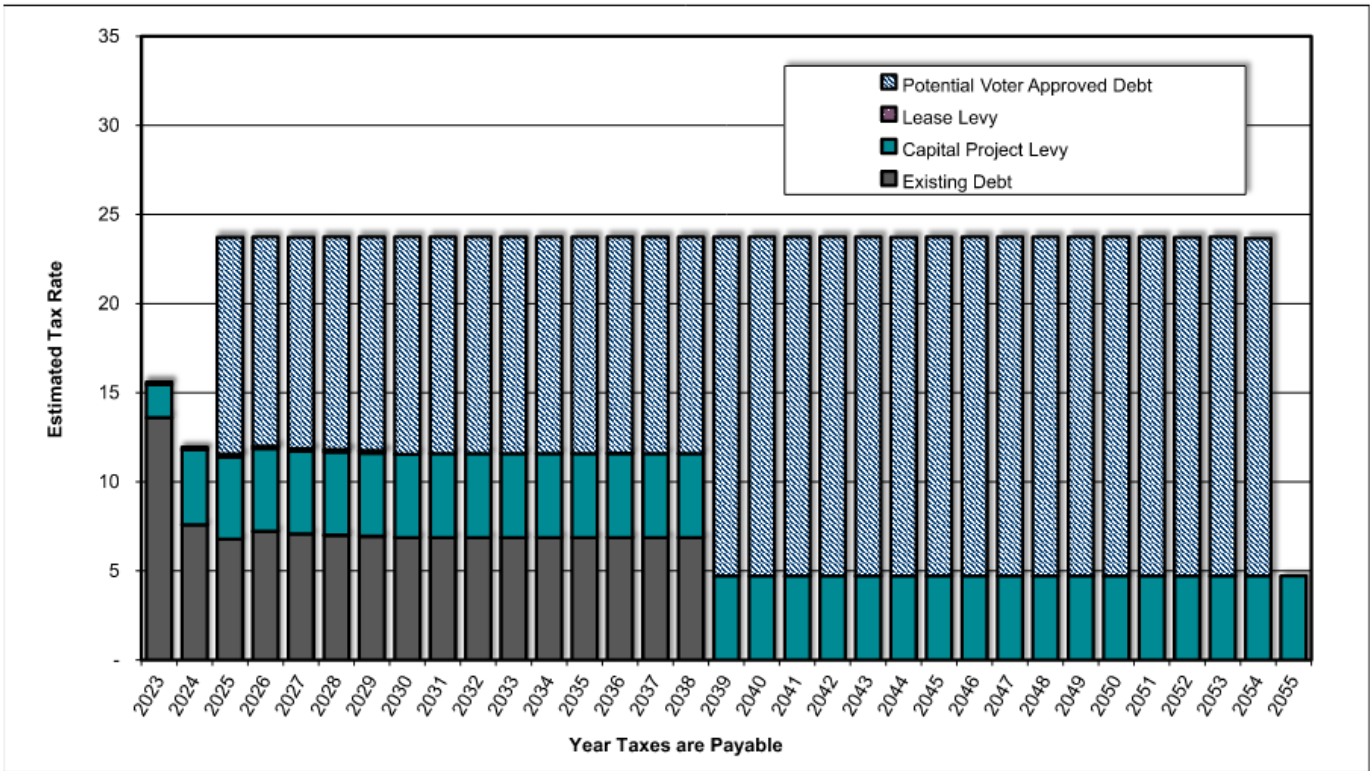


5. A Specification of the Source of Project Financing (continued):
Debt Plan (Questions 1 and 2)

ESTIMATES FOR REVIEW AND COMMENT

Northfield Public School District No. 659
Estimated Tax Rates for Capital and Debt Service Levies
Existing Commitments and Proposed New Debt

\$114,105,000 Bond Issue
30 Tax Levies
Wrapped Around Existing Debt



5. A Specification of the Source of Project Financing (continued):
Debt Service Schedule (Questions 1, 2 and 3)

ESTIMATES FOR REVIEW AND COMMENT

Northfield Public School District No. 659
Analysis of Possible Structure for Capital and Debt Levies

\$121,080,000 Bond Issue
30 Tax Levies
Wrapped Around Existing Debt

Ballot Questions 1, 2, & 3

March 27, 2024

Type of Bond	Principal Amount	Dated Date	Interest Rate
Voter-Approved Building	40,000,000	02/01/25	5.00%
Voter-Approved Building	81,080,000	05/01/27	5.10%

Levy Payable Year	Fiscal Year	Tax Capacity Value ¹		Existing Commitments				Other Levies		Existing Tax Rate	Proposed New School Building Bonds				Combined Totals				
		(\$000s)	% Chg	Building Bonds ²	Mt Fac/Fac Main H&S Bonds ²	Est. Debt Excess ³	Net Levy	Tax Rate	Lease Levy		Capital Project Levy ⁴	Principal	Interest	Addl. Debt Excess ³	Net Levy	Initial Debt Levy	Net Levy	Tax Rate	
2023	2024	40,415	15.6%	4,602,551	-	1,178,788	(282,096)	5,497,243	13.60	59,154	750,000	15.60	-	-	-	-	6,306,397	6,306,397	15.60
2024	2025	45,043	11.5%	2,475,251	-	1,328,513	(390,762)	3,413,002	7.58	59,153	1,906,488	11.94	-	-	-	-	5,378,643	5,378,643	11.94
2025	2026	45,944	2.0%	3,481,413	-	-	(367,678)	3,113,735	6.78	69,592	2,124,785	11.55	3,450,000	2,000,000	270,000	5,992,500	11,300,612	11,300,612	24.60
2026	2027	46,883	2.0%	3,526,563	-	-	(139,257)	3,387,306	7.23	69,592	2,167,280	12.00	3,795,000	1,827,500	-	5,903,625	11,527,804	11,527,804	24.60
2027	2028	47,800	2.0%	3,527,613	-	-	(141,063)	3,386,550	7.08	69,592	2,210,626	11.86	1,060,000	4,739,060	-	6,089,013	11,755,781	11,755,781	24.59
2028	2029	48,278	1.0%	3,523,150	-	-	(141,105)	3,382,046	7.01	69,592	2,254,838	11.82	385,000	5,719,350	(243,561)	6,166,007	11,872,483	11,872,483	24.59
2029	2030	48,761	1.0%	3,523,675	-	-	(140,928)	3,382,749	6.94	69,592	2,277,367	11.75	500,000	5,699,925	(246,640)	6,263,281	11,993,009	11,993,009	24.60
2030	2031	49,248	1.0%	3,524,542	-	-	(140,947)	3,383,595	6.87	-	2,300,161	11.54	885,000	5,674,700	(250,531)	6,427,154	12,110,909	12,110,909	24.59
2031	2032	49,248	0.0%	3,524,962	-	-	(140,982)	3,383,980	6.87	-	2,323,162	11.59	705,000	5,640,140	(257,086)	6,405,311	12,112,453	12,112,453	24.59
2032	2033	49,248	0.0%	3,522,127	-	-	(140,998)	3,381,128	6.87	-	2,323,162	11.58	740,000	5,604,570	(256,212)	6,405,586	12,109,876	12,109,876	24.59
2033	2034	49,248	0.0%	3,522,179	-	-	(140,885)	3,381,294	6.87	-	2,323,162	11.58	780,000	5,567,235	(256,223)	6,408,373	12,112,830	12,112,830	24.60
2034	2035	49,248	0.0%	3,524,962	-	-	(140,887)	3,384,074	6.87	-	2,323,162	11.59	815,000	5,527,680	(256,335)	6,403,689	12,110,926	12,110,926	24.59
2035	2036	49,248	0.0%	3,524,423	-	-	(140,998)	3,383,425	6.87	-	2,323,162	11.59	860,000	5,486,760	(256,148)	6,407,950	12,114,538	12,114,538	24.60
2036	2037	49,248	0.0%	3,525,769	-	-	(140,977)	3,384,792	6.87	-	2,323,162	11.59	900,000	5,443,370	(256,318)	6,404,220	12,112,174	12,112,174	24.59
2037	2038	49,248	0.0%	3,524,850	-	-	(141,031)	3,383,819	6.87	-	2,323,162	11.59	945,000	5,397,965	(256,169)	6,403,944	12,110,926	12,110,926	24.59
2038	2039	49,248	0.0%	3,525,323	-	-	(140,994)	3,384,329	6.87	-	2,323,162	11.59	995,000	5,350,285	(256,158)	6,408,391	12,113,882	12,113,882	24.60
2039	2040	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	4,395,000	5,300,085	(391,629)	9,788,210	12,111,373	12,111,373	24.59
2040	2041	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	4,820,000	5,078,355	(391,528)	9,791,744	12,114,907	12,114,907	24.60
2041	2042	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	4,850,000	4,845,275	(391,670)	9,788,369	12,111,531	12,111,531	24.59
2042	2043	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	5,095,000	4,800,590	(391,535)	9,788,835	12,111,997	12,111,997	24.59
2043	2044	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	5,350,000	4,343,635	(391,553)	9,786,669	12,109,831	12,109,831	24.59
2044	2045	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	5,620,000	4,073,635	(391,467)	9,786,850	12,110,012	12,110,012	24.59
2045	2046	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	5,905,000	3,790,105	(391,474)	9,788,386	12,111,548	12,111,548	24.59
2046	2047	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	6,205,000	3,492,195	(391,535)	9,790,519	12,113,682	12,113,682	24.60
2047	2048	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	6,515,000	3,179,150	(391,621)	9,787,237	12,110,399	12,110,399	24.59
2048	2049	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	6,845,000	2,850,465	(391,489)	9,788,749	12,111,911	12,111,911	24.59
2049	2050	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	7,195,000	2,502,315	(391,550)	9,790,631	12,113,793	12,113,793	24.60
2050	2051	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	7,560,000	2,135,370	(391,625)	9,788,513	12,111,675	12,111,675	24.59
2051	2052	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	7,945,000	1,749,810	(391,541)	9,788,010	12,111,172	12,111,172	24.59
2052	2053	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	8,350,000	1,344,615	(391,520)	9,787,825	12,110,988	12,110,988	24.59
2053	2054	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	8,775,000	918,765	(391,513)	9,786,940	12,110,102	12,110,102	24.59
2054	2055	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	9,240,000	471,240	(391,478)	9,805,324	12,128,487	12,128,487	24.63
2055	2056	49,248	0.0%	-	-	-	-	-	-	-	2,323,162	4.72	-	-	-	-	2,323,162	2,323,162	4.72
Totals					56,379,351	2,505,301	(2,871,584)	56,013,068		466,268	76,393,781		121,080,000	120,354,255	(8,786,109)	244,719,858	377,582,976	377,582,976	

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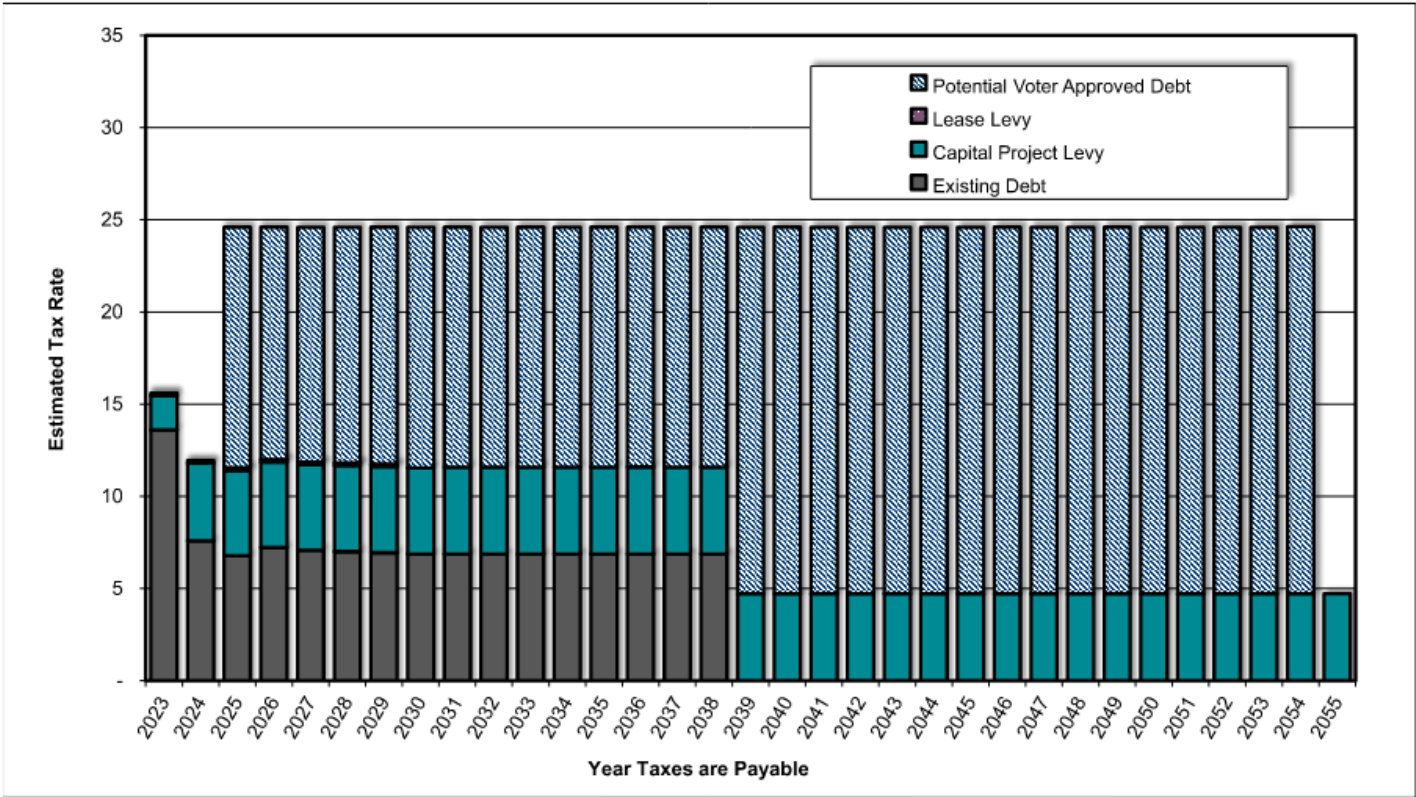


5. A Specification of the Source of Project Financing (continued):
 Debt Plan (Questions 1, 2 and 3)

ESTIMATES FOR REVIEW AND COMMENT

Northfield Public School District No. 659
 Estimated Tax Rates for Capital and Debt Service Levies
 Existing Commitments and Proposed New Debt

\$121,080,000 Bond Issue
 30 Tax Levies
 Wrapped Around Existing Debt



5. A Specification of the Source of Project Financing (continued):

Tax Impact

ESTIMATES FOR REVIEW AND COMMENT

Northfield Public School District No. 659

Analysis of Tax Impact for Potential Bond Issues (Two Bond Issues)

March 27, 2024

Bond Question	1	2	3	Total
Bond Issue Amount	\$95,380,000	\$18,725,000	\$6,975,000	\$121,080,000
Estimated Project Cost	\$95,800,000	\$18,800,000	\$7,000,000	\$121,600,000
Number of Years				30 Tax Levies

Type of Property	Estimated Market Value	Estimated Annual Tax Impact Payable 2025 Compared to 2024*			
Residential Homestead	\$100,000	\$48	\$15	\$5	\$68
	150,000	100	27	10	137
	200,000	152	39	15	206
	250,000	203	52	20	275
	300,000	255	64	25	344
	350,000	307	77	29	413
	400,000	358	90	34	482
	450,000	414	102	39	555
	500,000	471	115	43	629
	550,000	534	129	49	712
600,000	593	144	54	791	
Residential Non-Homestead Single Unit	\$50,000	\$47	\$11	\$4	\$63
	75,000	71	17	7	95
	100,000	95	23	9	127
	150,000	142	34	13	190
200,000	190	46	17	253	
Residential Non-Homestead Multi Unit and Apartments	\$100,000	\$119	\$29	\$11	\$158
	250,000	297	72	27	395
	500,000	593	144	54	791
	1,000,000	1,186	287	108	1,582
	2,000,000	2,372	575	217	3,164
Commercial/Industrial #	\$100,000	\$142	\$34	\$13	\$190
	250,000	403	98	37	538
	500,000	878	213	80	1,171
	750,000	1,352	328	124	1,803
	1,000,000	1,827	443	167	2,436
Agricultural Homestead** (average value per acre of land & buildings)	\$7,000	\$1.00	\$0.24	\$0.09	\$1.33
	8,000	1.14	0.28	0.10	1.52
	9,000	1.28	0.31	0.12	1.71
	10,000	1.42	0.34	0.13	1.90
	11,000	1.57	0.38	0.14	2.09
12,000	1.71	0.41	0.16	2.28	
Agricultural Non-Homestead** (average value per acre of land & buildings)	\$7,000	\$1.99	\$0.48	\$0.18	\$2.66
	8,000	2.28	0.55	0.21	3.04
	9,000	2.56	0.62	0.23	3.42
	10,000	2.85	0.69	0.26	3.80
	11,000	3.13	0.76	0.29	4.18
12,000	3.42	0.83	0.31	4.56	

* Estimated tax impact includes principal and interest payments on the new bonds. The amounts in the table are based on school district taxes for bonded debt levies only, and do not include tax levies for other purposes. Tax increases shown above are gross increases, not including the impact of the homeowner's Homestead Credit Refund ("Circuit Breaker") program. Owners of homestead property may qualify for a refund, based on their income and total property taxes. This will change the net effect of the proposed bond issue for those property owners.

For commercial-industrial property, the tax impact estimates above are for property in Rice and Goodhue counties. For commercial-industrial property in Dakota county, the tax impact would be less than shown above, due to the impact of the Twin Cities Fiscal Disparities program.

** For all agricultural property, includes a 70% reduction due to the School Building Bond Agricultural Credit. Average value per acre is the total estimated market value of all land & buildings divided by total acres. If the property includes a home, then the tax impact on the house, garage, and one acre of land will be calculated in addition to the taxes per acre, on the same basis as a residential homestead or non-homestead property. If the same property owner owns more than \$3.5 million of agricultural homestead land and buildings, a portion of the property will be taxed at the higher non-homestead rate.



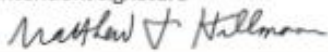


6. Documentation

Attachment 1
Review and Comment
Section #6 Documentation
(as amended by the 2014 Legislature)

Documentation obligating the school district and contractors to comply with items (i) to (vii) in planning and executing the project:

- (i) The school district will be in compliance with Minnesota Statutes, section 471.345, governing municipal contracts issued for this project.
- (ii) The school district and the architects will include elements of sustainable design for this project.
- (iii) If the project installs or modifies facility mechanical systems, the school district, architect/engineers and contractors will be in compliance with school facility commissioning under Minnesota Statutes, section 123B.72, certifying the plans and designs for the heating, ventilating, air conditioning and air filtration for an extensively renovated or new facility meet or exceed current code standards, including the ASHRAE air filtration standard 52.1.
- (iv) If the project creates or modifies interior spaces, the district, architects/engineers and relevant contractors have considered the *American National Standards Institute Acoustical Performance Criteria, Design Requirements and Guidelines for Schools* on maximum background noise level and reverberation times.
- (v) The project will be in compliance with Minnesota State Fire Code.
- (vi) The project will be in compliance with Minnesota Statutes, chapter 326B, governing building codes.
- (vii) The school district and the architects/engineers have been in consultation with affected government units about the impact of the project on utilities, roads, sewers, sidewalks, retention ponds, school bus and automobile traffic, access to mass transit and safe access for pedestrians and cyclists.

The school district and architect/engineers will maintain documentation showing compliance with these items upon, and subsequent to, project completion.

Superintendent signature 	Date 04/16/2024
Board chair signature 	Date 04/16/2024
Architect/engineer signature 	Date 04/10/2024

Appendix A:
Enrollment Study
(By Hazel Reinhardt, 2022)

NORTHFIELD PUBLIC SCHOOLS ISD #659

ENROLLMENT PROJECTIONS

Hazel H. Reinhardt

January 24, 2022

PROJECTION ENVIRONMENT

- Low fertility
 - Number of births decreasing in U.S. and Minnesota
 - Consensus among demographers that Pandemic will result in fewer births for several years
 - 2020 U.S. births lowest since 1979
- Less mobility
 - U.S. fewer than 10 percent moved last year
 - Was 20 per cent per year since WWII
- Population aging
 - Different new housing mix
- Immigration from abroad slowed

PROJECTION ENVIRONMENT

- Minnesota population back to pattern of net out migration

COVID-19 AFFECTS

- Minnesota public school enrollment in 2020-21
 - Kindergarten classes smaller as students attended no school or homeschooled or sent to private schools
 - Other elementary grades also lost students to home schools or private schools
 - Middle school and high school enrollment less affected
- Northfield Public Schools
 - 2020-21 kindergarten class smaller than usual but “missing” students appear to be back in Grade 1 in 2021-22
 - Home school enrollment still a little higher than typical

OTHER

- 2021-22—Two atypical events
 - Fewer students transferred into Grade 9 than in previous years
 - Net out migration from Grade 9 to Grade 10

EDUCATION CHOICES

2019-20

	Minnesota	Northfield
Nonpublic settings	8.8%	7.0%
Traditional schools	6.7%	3.5%
Home schools	2.1%	3.5%
Public Options		
Open enrollment	8.7%	
In		10.6%
Out		5.2%
Charter schools	6.4%	6.1%
Capture Rate	76.6%	79.7%

ENROLLMENT

- From 2011-12 to 2021-22
 - Enrollment increased by 11 students or 0.3%
 - Nonresident students increased from 276 to 454
 - 2021-22 nonresidents 11.9% of enrollment
 - Resident enrollment decreased by 167 students or -4.7%
 - District's school age population decreased by 90 students or -2.1%
 - Market share is 79.7%

ENROLLMENT

Year	Total	Resident	Nonresident
2011-12	3,799	3,523	276
2012-13	3,830	3,538	292
2013-14	3,818	3,521	297
2014-15	3,887	3,605	282
2015-16	3,906	3,625	281
2016-17	3,968	3,655	313
2017-18	4,015	3,604	411
2018-19	3,999	3,596	403
2019-20	3,953	3,534	419
2020-21	3,883	3,428	455
2021-22	3,810	3,356	454

Excludes Early Childhood and four independent study students

COMPONENTS OF ENROLLMENT CHANGE

Fall to Fall	Total		Natural Increase/Decrease	Net Migration
	#	%		
2011 to 2012	31	0.8%	-53	84
2012 to 2013	-12	-0.3%	-118	106
2013 to 2014	69	1.8%	-63	132
2014 to 2015	19	0.5%	-85	104
2015 to 2016	62	1.6%	-97	159
2016 to 2017	47	1.2%	-77	124
2017 to 2018	-16	-0.4%	-83	67
2018 to 2019	-46	-1.2%	-133	87
2019 to 2020	-70	-1.8%	-140	70
2020 to 2021	-73	-1.9%	-152	79
Total	11	---	-1,001	1,012

Excludes Early Childhood

ENROLLMENT

Grade	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
K	269	281	237	266	251	247	269	252	247	204	243
1	255	270	299	257	275	262	250	272	254	241	233
2	284	251	266	292	270	284	276	245	259	254	247
3	272	277	256	274	292	275	281	281	247	249	264
4	264	271	278	272	280	306	275	282	280	246	256
5	306	268	278	284	269	299	317	275	287	281	248
6	266	338	297	312	311	299	327	340	308	313	309
7	306	271	347	305	318	324	302	330	341	307	309
8	296	317	269	341	296	334	329	296	333	342	303
9	310	319	331	292	365	318	357	355	321	369	347
10	301	311	323	328	305	368	328	359	364	313	351
11	336	301	308	328	330	306	369	332	368	369	309
12	334	355	329	336	344	346	335	380	344	395	391
Total	3,799	3,830	3,818	3,887	3,906	3,968	4,015	3,999	3,953	3,883	3,810

Excludes Early Childhood and four independent study students

RESIDENT BIRTHS

Years	Minnesota	Rice County
2005	70,950	794
2006	73,515	842
2007	73,675	796
2008	72,382	794
2009	70,617	748
2010	68,407	720
2011	68,416	733
2012	68,783	744
2013	69,183	732
2014	69,916	661
2015	69,835	717
2016	69,746	812
2017	68,603	752
2018	67,348	728
2019	66,033	720
2020	n.a.	n.a.

KINDERGARTEN AS A PERCENTAGE OF RICE COUNTY REMAINDER KINDERGARTEN POOL

Birth Years	Pool	Percentage	Kindergarten Year
2005; 2006	826	32.6%	2011-12
2006; 2007	811	34.6%	2012-13
2007; 2008	795	29.8%	2013-14
2008; 2009	763	34.9%	2014-15
2009; 2010	729	34.4%	2015-16
2010; 2011	729	33.9%	2016-17
2011; 2012	740	36.4%	2017-18
2012; 2013	736	34.2%	2018-19
2013; 2014	685	36.1%	2019-20
2014; 2015	698	29.2%	2020-21
2015; 2016	781	31.1%	2021-22
2016; 2017	772		2022-23
2017; 2018	736		2023-24
2018; 2019	722		2023-24

RATIO OF KINDERGARTEN TO BIRTHS

- Northfield's share of the Rice County pool has decreased
 - Since 2011-12, share averaged 33.4%
 - Past four years—32.7%
 - Past three years—32.1%
 - Past two years—30.2%

KINDERGARTEN/BIRTH RATIOS

- Cohort survival method
 - Kindergarten assumptions
 - Low is 32.7% (average of the past four years)
 - High is 33.4% (average of past 11 years))
 - Longer-term
 - In past 15 years, Rice County resident births decreased slightly from 1.12% to 1.09% percent of Minnesota resident births. Assumed Rice County would be at 1.09% (average of the past five years) for the next several years

PROJECTED MINNESOTA 0-YEAR OLDS

Year	Projected Number	Adjusted Number
2017 Actual	68,603	
2017	70,312	
2018 Actual	67,348	
2018	70,395	
2019 Actual	66,033	
2019	70,373	
2020	70,325	65,965
2021	70,274	65,917
2022	70,227	65,873
2023	70,191	65,814
2024	70,164	65,811
2025	70,161	65,811

Adjusted number is 93.8 percent of projected number

PROJECTED KINDERGARTEN POOL

Year	Number
2021-22	781
2022-23	772
2023-24	736
2024-25	722
2025-26	720
2026-27	720
2027-28	720
2028-29	719
2029-30	719
2030-31	719
2031-32	719

These projections are sensitive to small changes in the assumptions

KINDERGARTEN PROJECTIONS

Year	@32.7%	@33.4%
2020-21	243	243
2021-22	252	258
2022-23	241	246
2023-24	236	241
2024-25	235	240
2025-26	235	240
2026-27	235	240
2027-28	235	240
2028-29	235	240
2029-30	235	240
2030-31	235	240
Total	2,374	2,425
Past ten years 2,497 Kindergarten students		

NET MIGRATION YEAR TO YEAR

	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21
K-5	-7	27	43	25	58	25	4	-5	-16	54
6-8	48	36	36	24	59	36	20	37	26	20
9-12	43	43	53	55	42	63	43	55	60	5
Total	84	106	132	104	159	124	67	87	70	79

NET MIGRATION

YEAR TO YEAR

Grade	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21
K to 1	1	18	20	9	11	3	3	2	-6	29
1 to 2	-4	-4	-7	13	9	14	-5	-13	0	6
2 to 3	-7	5	8	0	5	-3	5	2	-10	10
3 to 4	-1	1	16	6	14	0	1	-1	-1	7
4 to 5	4	7	6	-3	19	11	0	5	1	2
5 to 6	32	29	34	27	30	28	23	33	26	28
6 to 7	5	9	8	6	13	3	3	1	-1	-4
7 to 8	11	-2	-6	-9	16	5	-6	3	1	-4
8 to 9	23	14	23	24	22	23	26	25	36	5
9 to 10	1	4	-3	13	3	10	2	9	-8	-18
10 to 11	0	-3	5	2	1	1	4	9	5	-4
11 to 12	19	28	28	16	16	29	11	12	27	22
Total	84	106	132	104	159	124	67	87	70	79

SURVIVAL RATES

YEAR TO YEAR

	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17	17 to 18	18 to 19	19 to 20	20 to 21
K to 1	1.004	1.064	1.084	1.034	1.044	1.012	1.011	1.008	0.976	1.142
1 to 2	0.984	0.985	0.997	1.051	1.033	1.053	0.980	0.952	1.000	1.025
2 to 3	0.975	1.020	1.030	1.000	1.019	0.989	1.018	1.008	0.961	1.039
3 to 4	0.996	1.004	1.063	1.022	1.048	1.000	1.004	0.996	0.996	1.028
4 to 5	1.015	1.026	1.022	0.989	1.068	1.036	1.000	1.018	1.004	1.008
5 to 6	1.105	1.108	1.122	1.095	1.112	1.094	1.073	1.120	1.091	1.100
6 to 7	1.019	1.027	1.027	1.019	1.042	1.010	1.009	1.003	0.997	0.987
7 to 8	1.036	0.993	0.983	0.970	1.050	1.015	0.980	1.009	1.003	0.987
8 to 9	1.078	1.044	1.086	1.070	1.074	1.069	1.079	1.084	1.108	1.015
9 to 10	1.003	1.013	0.991	1.045	1.008	1.031	1.006	1.025	0.975	0.951
10 to 11	1.000	0.990	1.015	1.006	1.003	1.003	1.012	1.025	1.014	0.987
11 to 12	1.057	1.093	1.091	1.049	1.048	1.095	1.030	1.036	1.073	1.060

PROJECTED SURVIVAL RATES

Grade	Low (Two year prior to Pandemic)	High (Past 3 years)
K to 1*	1.010	1.010
1 to 2	0.966	0.992
2 to 3	1.013	1.003
3 to 4	1.000	1.007
4 to 5	1.009	1.010
5 to 6	1.097	1.104
6 to 7	1.006	0.996
7 to 8	0.995	1.000
8 to 9*	1.090	1.090
9 to 10	1.016	0.984
10 to 11	1.019	1.009
11 to 12*	1.067	1.067

*Adjusted

ENROLLMENT PROJECTIONS

- In ten years (2031-32)
 - Enrollment projected to decrease
 - 2020-21 3,810
 - 2031-32
 - 3,396 to 3,480
 - Kindergarten projected to be smaller than the previous year's Grade 12
 - Net in migration projected to continue driven by students transferring in at Grade 6 and Grade 9 and 13-year seniors (?)

ENROLLMENT PROJECTIONS

Year	Low K Low Mig	Low K High Mig	High K Low Mig	High K High Mig
2021-22	3,810	3,810	3,810	3,810
2022-23	3,756	3,747	3,762	3,753
2023-24	3,755	3,739	3,766	3,750
2024-25	3,698	3,677	3,714	3,693
2025-26	3,633	3,619	3,654	3,640
2026-27	3,586	3,579	3,611	3,605
2027-28	3,534	3,534	3,565	3,565
2028-29	3,477	3,487	3,514	3,524
2029-30	3,463	3,479	3,504	3,521
2030-31	3,435	3,459	3,482	3,507
2031-32	3,396	3,425	3,449	3,480

ENROLLMENT PROJECTIONS

Year	K-5	6-8	9-12	Total
2021-22	1,491	921	1,398	3,810
2026-27				
Low K/Low Mig	1,432	823	1,330	3,586
Low K/High Mig	1,454	833	1,292	3,579
High K/Low Mig	1,458	823	1,330	3,611
High K/High Mig	1,481	833	1,292	3,605
2031-32				
Low K/Low Mig	1,401	781	1,214	3,396
Low K/High Mig	1,422	801	1,202	3,425
High K/Low Mig	1,430	797	1,221	3,449
High K/High Mig	1,452	818	1,209	3,480

ENROLLMENT PROJECTIONS

- First five projection years (2021-22 to 2026-27)
 - K-5 is 10 to 59 students smaller than today
 - 6-8 is 88 to 98 students smaller than today
 - 9-12 is 68 to 106 students smaller than today
- In ten years (2021-22 to 2031-2)
 - K-5 is 39 to 90 students smaller than today
 - 6-8 is 103 to 140 students smaller than today
 - 9-12 ranges from 177 to 196 students smaller than today

HOUSING UNITS

- Projections of additional housing units not readily available
 - Based on City of Dundas projections and estimates of need in a study completed by the Hoisington Koegler Group, Inc. titled *Northfield Housing Study—Final*, March 2021

HOUSING UNITS

PROJECTED HOUSING UNITS THROUGH 2025

	Single-Family	Apartments	Senior
Northfield	180	226	88
Dundas	55	0	0
Total	235	226	88

ESTIMATED AFFECT OF ADDITIONAL HOUSING UNITS

- Single-Family detached units at 0.60 Northfield Public School students per unit = 141 K-12 students
 - About one-half of these students would be elementary students
- Apartment units likely to yield 0.11 to 0.15 Northfield Public School students per unit = 25 to 35 K-12 students
 - Nearly all these students would be elementary students

ESTIMATED AFFECT OF ADDITIONAL HOUSING UNITS

- If projected units built and yields are as assumed:
 - Enrollment decrease projected by the cohort survival method could be moderated by about 50% in the first five projection years and elementary enrollment might remain near its current level.
 - This assumes that the per unit yields of current housing units do not decrease as children age out of school and competition does not take a larger share of students

ESTIMATED AFFECT OF ADDITIONAL HOUSING UNITS

- Recent history
 - 2011-2020, City of Northfield alone added 214 additional single-family detached units yet resident enrollment in the Northfield Public Schools, while fluctuating year to year, did not increase over the past ten years

ENROLLMENT PROJECTIONS

What could make these projections

- Too high
 - Projected kindergarten is too high
 - More students select other education options
- Too low
 - Projected kindergarten is too low
 - More nonresident students
 - More housing units constructed

Appendix B:
High School Facilities Condition Study
(by Wold, 2022)



FACILITY CONDITIONS REPORT

NORTHFIELD HIGH SCHOOL

Prepared for:
Independent School District #659

Prepared by:
Wold Architects & Engineers

Date: March 17, 2022

**Wold Architects and
Engineers**

332 Minnesota Street
Suite W2000
Saint Paul, MN 55101
651 227 7773

**PLANNERS
ARCHITECTS
ENGINEERS**



Facility Analysis Categories Independent School District #659

The following report investigates current physical and programmatic conditions and deficiencies evident in the Client's buildings. The information documented in this report was gathered primarily through field observation and supplemented by evaluation of existing information and discussion with Client personnel.

The facility analysis report explores conditions and deficiencies in eleven important areas, which are outlined as follows:

- **SITE**

This section describes the site and its surroundings.

- **EXTERIOR**

This section describes the exterior envelope including roofing information supplied by the Client.

- **INTERIOR**

This section describes the physical condition of the interior spaces and finishes within the facility.

- **ACCESSIBILITY**

This section addresses the conformance of the facility to the intentions of accessibility requirements with focus on the following issues: accessible parking, an accessible route to the main entrance, ability to attain all levels of the facility, and access to each teaching space.

- **MECHANICAL SYSTEMS**

This section documents the existing mechanical systems and components, and their known deficiencies.

- **ELECTRICAL SYSTEMS**

This section documents the existing electrical systems and components, and their known deficiencies.

Each category noted above includes a list of "analysis" statements which describes conditions or deficiencies. Following the "analysis" portion of each category is a list of "issues" which describe the action necessary to resolve mentioned conditions or deficiencies. Accompanying the "issue" is a cost, based on the projected year indicated by the client project costs.



Facility Analysis Prioritization Independent School District #659

PRIORITIZATION CATEGORIES

Priority 1 (immediate need)

Life Safety Issue	As noted by Fire Marshal/Life Safety Officials
Deterioration Item	Further deterioration will create higher future repair costs or will damage other areas in the building
Health Issue	Rooms with no ventilation or items that do not meet state health code.
Accessibility Issue	Must be completed to provide access into the building, to the curriculum within the building, or to access a restroom or obtain a drink of water
Hazardous Materials	Item posing a significant impact on building occupants

Priority 2 (0-2 years)

Deterioration Item	Items well past useful life or for which further deterioration will create higher future repair costs or damage to other areas in the building
Health Issue	Inadequate exhaust and ventilation in lab environments and other areas lacking adequate ventilation
Accessibility Issue	Modification required to meet state code guidelines
Hazardous Materials	Removal of items affected by other changes occurring in priority 2
Modernization	Modification required to support future modernizations

Priority 3 (3-5 years)

Deterioration Item	Material or system that currently functions but will require replacement or maintenance within 5 years
Hazardous Materials	Removal of items affected by other changes occurring in priority 3
Security Issue	Correction of items that pose a security risk to building occupants
Energy Issue	Item replaced/installed results in payback in 5 years or less

Priority 4 (6-10 years)

Deterioration Item	Material or system that currently functions but will require replacement or maintenance within 6-10 years
Health Issue	Non-tagged items that do not meet state health code requirements
Hazardous Materials	Removal of items affected by other changes occurring in priority 4
Energy Issue	Item replaced/installed results in payback in 6-10 years
Aesthetics	Item which is elective/aesthetic or programmatic

Priority 5 (Less than \$1,000/10+ years)



**Northfield High School
Independent School District #659**



Address: 1400 Division Street S
Northfield MN, 55057

Contact: Joel Leer, Principal

Phone: 507-663-0630

Year(s) Built: 1965

Gross Area: 270,600 sf

Site Area: 36 acres

Parking: 315,000 sf



Northfield High School Independent School District #659 Site

Analysis

- All parking lots and drive lanes on the site shall be replaced. For now, the assumption is that this will be reclaimed and repaved. It has been noted that some areas may need the subgrade reconstructed along with new curbing in miscellaneous locations.
- Parking lot lighting including tennis courts, is in poor condition. Fixtures should be replaced with LED poles. The staff parking lot north of the building along with the lights outside of area E have already been replaced.
- The dugouts at the Varsity field are in poor condition and shall be replaced.
- The pressbox for Memorial field is falling apart and should be replaced.
- The tennis courts are in okay condition but will need to be replaced in the next 6-10 years.



Issues

Building Category	(All) Site
	Sum of Total Project Cost at Year of Construction
Item and Priority	
Reclaim and replace all exterior asphalt on site. 2	\$ 2,866,500.00
Replace all exterior parking lot poles except Areas A and E and tennis court light poles. 3	\$ 102,500.00
Replace dugouts at varsity baseball field 2	\$ 82,000.00
Replace press box at memorial field 2	\$ 205,000.00
Replace tennis courts 4	\$ 1,147,000.00
Grand Total	\$ 4,403,000.00



Northfield High School Independent School District #659 Exterior

Analysis

- The exterior windows are original to the building and constructed of single pane glass with no insulation properties. All single pane window systems should be replaced.
- There are various locations around the exterior of the building that should have tuck-pointing addressed.
- The existing tunnels in the H wing and S wing (Areas B & E) take on water when there are weather events and in the spring months. Waterproofing or overflow drain output diversion shall be addressed.
- The existing exterior envelope of the building does not have appropriate insulation or weather barrier. This in conjunction with non-insulated windows causes extreme temperature fluctuations throughout the building over the course of the year.
- The roof over the Media Center along with the lower commons and Auditorium are due for replacement. The remaining portions of the roofs have 15-24 years left of their life cycle.
- Heavily used exterior doors are wearing and starting to function improperly.



Issues

Building Category	(All) Exterior
	Sum of Total Project Cost at Year of Construction
Item and Priority	
Replace existing single pane exterior window system throughout entire building. 2	\$ 1,792,000.00
Replace roof over the lower commons and auditorium 3	\$ 491,500.00
Replace roof over the media center 2	\$ 152,000.00
General tuckpointing allowance around the entire building 3	\$ 68,500.00
Replace exterior aluminum doors in storefront systems 2	\$ 341,500.00
Grand Total	\$ 2,845,500.00



Northfield High School Independent School District #659 Interior

Analysis

- The acoustic ceiling tiles and lighting throughout the entire building shall be replaced.
- The current science rooms do not function for today's teaching and learning style. With the current layout there is no circulation path through the lab stations when students are using them.
- The science rooms are not currently rated as labs that comply with today's code. Rated wall assemblies must be extended to the roof structure.
- Replace existing wood paneled exterior walls of woods lab and area B classrooms.
- Casework in all classrooms of area A, B, and E are in poor condition and shall be replaced.
- The multistall toilet rooms and staff toilet rooms that were not addresses as a part of the 2020 toilet renovations should receive finish updates including new wall and floor tile, toilet partitions, and toilet accessories.
- The auditorium finishes including carpet flooring, seating, and wall paint are nearing the end of their useful life.
- The existing locker rooms do not function well and all finishes including lockers are in poor condition. These should be fully renovated.
- The band and choir rooms flooring and wall paint is in poor condition and shall be replaced. The risers in the space also do not accommodate current ADA accessibility standards.
- The theatrical rigging, A/V and lighting systems are nearing the end of their life.
- All classroom VCT flooring associated with Areas A, B, and E is in poor condition and shall be replaced.
- There is a large portion of the building that needs new paint.
- Doors near the gymnasium and locker rooms are in poor condition and will need to be replaced.



Issues

Building Category	(All) Interior
-------------------	----------------

Item and Priority	Sum of Total Project Cost at Year of Construction
Add 5% of the total locker count to accommodate ADA standards.	
1	\$ 16,000.00
Demolish all existing casework and finishes in existing science labs, renovate in place.	
2	\$ 682,500.00
Replace casework in existing FACS cooking lab.	
4	\$ 58,500.00
Replace acoustic ceiling tiles in all corridors.	
3	\$ 239,000.00
Demolish all lockers, fixtures, and finishes in locker rooms and rebuild to current standards.	
4	\$ 4,289,000.00
Provide new wall tile at multistall toilet room off of lower commons.	
4	\$ 24,500.00
Provide new floor tile at multistall toilet room off of lower commons.	
4	\$ 29,500.00
Replace carpet flooring in Auditorium	
3	\$ 71,500.00
Replace existing auditorium seats	
3	\$ 167,500.00
Replace theatrical A/V, Lighting, Controls and Rigging System	
3	\$ 2,047,500.00
Replace VCT flooring in existing area E classrooms	
4	\$ 622,500.00
Replace acoustic ceiling tiles in area E classrooms	
4	\$ 182,000.00
Replace existing casework in area E classrooms	
4	\$ 365,500.00
Replace toilet partitions in multistall toilet room in area F	
4	\$ 34,000.00
Replace existing toilet partitions at multistall toilet room off of lower commons.	
3	\$ 31,500.00
Replace VCT flooring in existing area A classrooms	
4	\$ 983,000.00
Replace existing casework in area A classrooms	



Issues

4		\$	409,500.00
Demolish and replace VCT flooring in band and choir suite			
2		\$	85,500.00
Bring fire rating around existing science rooms up to code compliance & add second exit to each room			
1		\$	136,500.00
Painting updates throughout building			
2		\$	491,500.00
Replace existing doors and hardware in south portion of area D			
3		\$	191,000.00
Replace VCT flooring in existing area B classrooms			
3		\$	354,000.00
Replace acoustic ceiling tiles in area B classrooms			
3		\$	103,500.00
Replace existing casework in area B classrooms			
3		\$	117,000.00
Grand Total		\$	11,732,500.00



Northfield High School Independent School District #659 Accessibility

Analysis

- Toilets throughout the building that we not addresses as a part of the 2020 multistall toilet renovations do not meet current ADA standards. These shall be renovated to bring up to code.
- There are several classrooms throughout the building that do not include an ADA required sink.
- Classrooms that are over 1,000 sf or science lab spaces require two exits with panic hardware. Several existing spaces in the building do not comply with this code item and should be addressed.
- It was not apparent that at least 5% of the student lockers were ADA accessible. These will need to be renovated or added.



Issues

Building Category	(All) Accessibility
	Sum of Total Project Cost at Year of Construction
Item and Priority	
Demolish existing staff toilets that do not meet ADA and rebuild in place.	
1	\$ 218,500.00
Add ADA accessible sink to two art rooms.	
1	\$ 6,500.00
Add lift to media center digital lab	
1	\$ 68,500.00
Add lift to make the weight and fitness area accessible from both sides of the gym.	
2	\$ 68,500.00
Demolish and renovate multistall toilet rooms that do not meet ADA standards.	
1	\$ 1,106,000.00
Grand Total	\$ 1,468,000.00



Northfield High School Independent School District #659 Mechanical Systems

Analysis

Heating Ventilation and Air-Conditioning

- The building was originally constructed in 1964 with major additions added in 1970, 1992, 1996, 1997, and 2002. Mechanical systems were updated in portions of the building in 2002, 2004, 2005, 2021, and 2022.
- The building is heated by two (2) 397 HP dual fuel boilers installed in 2002. A 3,000 MBH high efficiency boilers was added to the plant in 2015.
- The hydronic piping is configured as a primary, secondary, with tertiary pumps serving some areas of the building. Two 40 HP secondary pumps distribute heating water throughout the facility. The circulating fluid is Dowtherm SR-1 ethylene glycol for freeze protection to -25 Deg F.
- A 190 ton air-cooled chiller was installed in 2004 to provide air conditioning to the areas renovated in 2004 and 2005. Air conditioning to areas outside of the 2004 and 2005 renovations are provided by direct expansion systems. The chiller is nearing the end of its useful life.
- The gymnasium is served by two constant volume air handling units installed in the original building construction. The units are located in a mechanical room to the west of the gyms. The units have hot water coils for heating.
- The gymnastics room is served by a constant volume air handling unit installed in the original building construction. The unit is located in the mechanical room to the west of the gyms. The unit has a hot water coil for heating.
- The locker rooms on the main level to the east and west of the gymnasiums do not have a direct source of ventilation air and are exhausted only. Perimeter hot water radiation provides for heating control.
- The wrestling room and adjacent areas above the locker rooms on the east side of the gymnasium are served by constant volume fan coil units installed in the original building construction. The fan coil units have hot water coils for heating.



Northfield High School Independent School District #659 Mechanical Systems

Analysis

Heating Ventilation and Air-Conditioning

- The band and choir areas above the locker rooms on the west side of the gymnasium are served by a constant volume air handling unit installed in the original bundling construction. The unit is located in the mechanical room to the west of the gymnasium. The unit has a hot water coil for heating and DX coil with remote condensing unit for cooling.
- The weight room and auxiliary gym to the south of the main gym is served by a constant volume air handling unit installed in the 2002 renovation. The unit has a hot water coil for heating.
- The 1970 addition to the southeast of the main gymnasium is served by a constant volume rooftop unit. The unit is difficult to access and is nearing the end of its useful life.
- The auditorium is served by a constant volume air handling unit installed in 1997 when the addition was built. The unit is located in a mechanical room to the east of the auditorium. The unit has a hot water coil for heating and DX coil with a remote condensing unit for cooling.
- The commons area adjacent to the auditorium is served by a roof mounted constant volume air handling unit installed in 1997 when the addition was built. The system has duct mounted hot water coils for heating zone control and integral DX for cooling.
- The cafeteria and kitchen are served by a constant volume air handling unit installed in the original building construction. The unit is located in the mechanical room above the media center. The unit has a hot water coil for heating and DX coil with a remote condensing unit for cooling.
- The media center is served by a constant volume rooftop unit installed in the 2002 renovation. The unit has a hot water coil for heating and integral DX for cooling.



Northfield High School Independent School District #659 Mechanical Systems

Analysis

Heating Ventilation and Air-Conditioning

- The areas adjacent to the media center are served by a rooftop 4-zone multi-zone air handling unit installed in the 2002 renovation. The unit has a hot water coil for heating and integral DX for cooling.
- The main office area will be served by a packaged DX variable air volume rooftop unit that is planned as part of the 2021 office renovation project. The system has VAV boxes with hot water reheat for temperature zone control.
- The perimeter areas of the east classroom pod are served by three grade mounted variable air volume energy recovery units installed in the 2002 renovation. The system has VAV boxes with hot water reheat for temperature zone control. The unit has a hot water coil for heating and a chilled water coil for cooling.
- The interior area of the east classroom pod is served by a variable air volume unit that converted the existing air handling unit installed in the original building construction. The unit is located in an interior mechanical room. The system has VAV boxes with hot water reheat for temperature zone control. The unit has a hot water coil for heating and a chilled water coil for cooling.
- The student support services area is served by a constant volume air handling unit installed in the 2004 renovation. The system was modified in the 2021 renovation. The system has duct mounted hot water coils and radiant ceiling panels for temperature zone control.
- The north east classroom pod is served by two grade mounted variable air volume energy recovery units installed in 2005. The system has VAV boxes with hot water reheat for temperature zone control. The unit has a hot water coil for heating and a chilled water coil for cooling.
- The north classroom pod is served by two grade mounted variable air volume energy recovery units installed in 2005. The system has VAV boxes with hot water reheat for temperature zone control. The unit has a hot water coil for heating and a chilled water coil for cooling.



Northfield High School Independent School District #659 Mechanical Systems

Analysis

Heating Ventilation and Air-Conditioning

- The northwest classroom pod is served by two grade mounted variable air volume energy recovery units installed in 2005. The system has VAV boxes with hot water reheat for temperature zone control. The unit has a hot water coil for heating and a chilled water coil for cooling.
- The art rooms and adjacent areas are served by a 4-zone multi-zone air handling unit installed in 2002. The unit is located in a mezzanine between two art rooms. The unit has a hot water coil for heating and a DX coil with a remote condensing unit for cooling.
- The wood shop, metal shop, and auto shop are each served by a constant volume air handling unit installed in the 2002 renovation. The units are located in the mechanical mezzanine adjacent to the wood shop. The units have a hot water coil for heating.
- The print room and adjacent areas are served by a 4-zone multi-zone air handling unit installed in 2002. The unit is located in the mechanical mezzanine. The unit has a hot water coil for heating and a DX coil with a remote condensing unit for cooling.
- The computer server room is served by two constant volume cooling systems. One is an air handling unit located in the adjacent mechanical room and is served with chilled water for cooling. The second unit is a DX unit with remote condenser located in the data room.

Temperature Control

- The majority of the building is served by pneumatic controls and/or actuation. Recent projects have over-laid Johnson direct digital controls as the district standard.

Plumbing

- Domestic distribution piping installed in the original building construction around the boiler room is known to be galvanized.



Northfield High School Independent School District #659 Mechanical Systems

Analysis

Plumbing

- The athletic areas are served with hot water from a large storage tank in the mechanical room to the north of the main gym. Water is heated by a water-to-water heat exchanger connected to the building heating system.
- The majority of the rest of the building is served with hot water from a large storage tank located in the boiler room. The tank is heated by either water-to-water convertor connected to the building heating system or a gas fired water heater.



Issues

Building Category	(All) Mechanical Systems
Item and Priority	Sum of Total Project Cost at Year of Construction
Provide new DDC controls for ERU, VAV systems installed in 2004. 2	\$ 344,500.00
Provide new DDC controls for ERU, VAV systems installed in 2005 (east side). 2	\$ 121,000.00
Provide new DDC controls for ERU, VAV systems installed in 2005 (west side). 2	\$ 178,500.00
Replace roof mounted PRV's - an allowance budgeted. Priority exhaust fans to be determined. 3	\$ 66,000.00
Replace domestic hot water heating with centralized high recovery system located in the boiler room. Replace HW system near gym. 2	\$ 459,500.00
Replace gymnasium HVAC. Provide new RTU, distribution ductwork, CV, HW, CHW, de-strat fans, DDC controls 2	\$ 459,500.00
Replace auditorium HVAC. Provide new air handling unit in the location of the existing CV, HW, CHW. DDC controls. 3	\$ 591,000.00
Replace commons area 1997 RTU. Provide new RTU CV, HW, CHW, DDC controls. 3	\$ 328,500.00
Replace media center 2002 RTU. Provide new RTU CV, HW, CHW, DDC controls. 4	\$ 361,000.00
Replace media center 2002 classroom MZ RTU. Provide new RTU, convert area to VAV, HW, CHW DDC controls. 4	\$ 328,500.00
Replace computer server room cooling units. Two redundant CV, DX remote condenser, DDC controls. 3	\$ 197,000.00
Provide a high efficiency gas boiler to match the 2015 installation for redundancy. Reconfigure piping as necessary. 4	\$ 459,500.00
Replace 190 ton air cooled chiller installed in 2004. Provide new chiller with heat recovery. 3	\$ 394,000.00



Issues

Replace HVAC in remaining areas served by original 1964 system. RTU, VAV, HW, CHW, DDC controls		
2	\$	551,500.00
Reconfigure the hot water system for variable secondary - reduce the number of existing pumps. Replace the existing secondary pumps.		
4	\$	853,500.00
Create a new air cooled chilled water plant to serve the Southside of the building. Approximately 400 tons. Provide with heat recovery.		
2	\$	1,050,000.00
Replace all remaining pneumatic controls to fully convert the building to DDC. Allowance budgeted at construction = \$0.50 per sq. ft.		
3	\$	171,000.00
Replace plumbing fixtures that are beyond their useful life. An allowance budgeted at \$0.5 / sq. ft.		
3	\$	197,000.00
Replace fuel oil pumps and monitoring system installed in 1997. Existing 12,000 gallon underground tank to remain.		
3	\$	46,000.00
Replace locker room HVAC (east of gym). Provide new roof mounted heat recovery, distribution ductwork, CV, HW, CHW, DDC controls.		
2	\$	409,500.00
Replace locker room HVAC (west of gym). Provide new roof mounted heat recovery, distribution ductwork, CV, HW, CHW, DDC controls.		
2	\$	602,500.00
Replace health, wrestling HVAC. Provide new RTU's, distribution ductwork, CV, HW, CHW, DDC controls		
2	\$	409,500.00
Replace band/choir HVAC. Provide new AHU in mech mezzanine, distribution ductwork, VAV, HW, CHW, humidification, DDC controls.		
2	\$	581,500.00
Replace weight rm/aux gym HVAC. Provide RTU, distribution ductwork, CV, HW, CHW, DDC controls		
2	\$	581,500.00
Replace HVAC in 1970 addition. Provide new RTU, distribution ductwork, VAV, HW, CHW, DDC controls		
2	\$	435,500.00
Replace gymnastics HVAC. Provide new AHU in mech mezzanine, distribution ductwork, CV, HW, CHW, DDC controls		
2	\$	328,500.00
Replace cafeteria HVAC. Provide new RTU, distribution ductwork, CV, HW, CHW, DDC controls		
2	\$	328,500.00



Issues

Replace kitchen HVAC. Provide new RTU, distribution ductwork, VAV, HW, CHW. DDC controls. Create new transfer path from cafeteria for ex make-up		
2	\$	230,000.00
Replace area E interior HVAC. Provide new air handling unit, distribution ductwork, VAV, HW, CHW, DDC controls.		
3	\$	361,000.00
Replace art room 2002 MZ AHU. Provide new AHU, distribution ductwork, VAV, HW, remote DX, DDC controls.		
3	\$	459,500.00
Replace print shop 2002 AHU. Provide new AHU, distribution ductwork, VAV, HW, remote DX, DDC controls.		
3	\$	328,500.00
Replace woodshop HVAC. Provide new RTU, distribution ductwork, CV, HW, integral DX for classroom use, replace exhaust systems, gas fired make-up air.		
3	\$	262,500.00
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	\$	262,500.00
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	\$	262,500.00
Replace wood shop dust collector and distribution ductwork. Verify current use of shop equipment and reconfigure as required.		
3	\$	197,000.00
Replace finned tube radiation and heating terminals installed in the original building construction. Includes DDC controls.		
2	\$	262,500.00
Replace domestic water distribution piping installed in the original construction. Allowance provided. Cost include asbestos abatement.		
2	\$	1,616,000.00
Grand Total	\$	15,076,500.00



Northfield High School Independent School District #659 Electrical Systems

Analysis

- There is one generator mounted on the exterior of the building, it serves only the building server. The generator power is distributed to the building via one transfer switch. Emergency equipment is located in a lower level room adjacent to the generator
- The facility lighting is mostly accomplished with T8/electronic ballasts. Controls are line voltage and manually controlled via wall switches. There remains some incandescent downlights and accent lighting.
- Most of the electrical distribution was renovated in 2002. There are several areas with old panel boards, transformers and associated equipment and wiring. This occurs mainly in the shops area.
- being wired and controlled via Motor Control Centers and older Variable Frequency Drives. Updates to these and remaining proposed will be needed as mechanical systems are updated.
- The Public Address system is being served by and older Rauland Telecenter. Paging is accomplished by zones and in some cases individual paging / intercom points.
- The Fire Alarm system is manufactured by Notifier. It is a standard system without the Voice Evacuation now required by Minnesota code.
- The facility has a wireless clock system manufactured by American Time and Signal. There does remain an old wire system (head-end) and possibly some remaining wired clocks in the facility.
- Referring to the mechanical upgrades, there will be new chiller (#2) located at the south end of the facility. This will be proposed to be fed from a separate utility service. The remaining mechanical system work will require updated rewiring form the existing electrical infrastructure.
- Security systems including access control, video surveillance and intrusion alarm are observed to be minimal and will require updating and expanded coverage.



Issues

Building	(All)
Category	Electrical Systems

Item and Priority	Sum of Total Project Cost at Year of Construction
Remove Motor Control Center as mechanical loads are updated with Variable Frequency Drives 3	\$ 125,000.00
Update the Notifier Fire Alarm System with voice evacuation Capability and function. 3	\$ 250,000.00
Remove Wired Lathem Clock System and update any remaining wired clocks to wireless type. 4	\$ 25,000.00
Replace any remaining battery Exit signs with Exit signs connected to a dedicated Life Safety branch on the Emergency Generator. 2	\$ 275,000.00
Replace All Fluorescent/ ballasted lighting with LED / Driver luminaires and low voltage dimming controls. 2	\$ 1,490,000.00
Update panel boards and associated power distribution in Shop Area. 2	\$ 95,000.00
Replace the Public Address System with EPIC system. 3	\$ 900,000.00
Grand Total	\$ 3,160,000.00

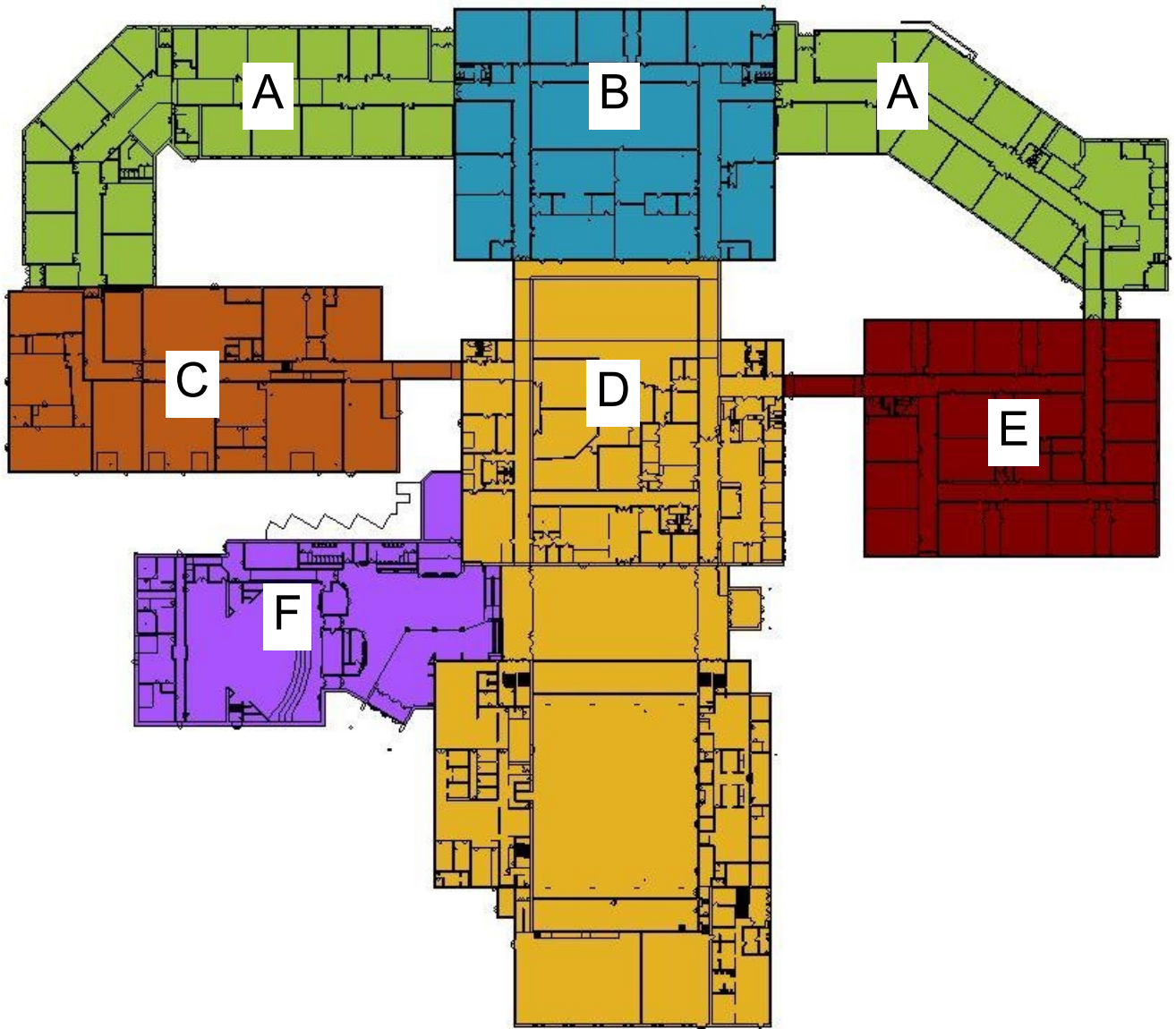


Executive Summary

Building (All)

Sum of Total
Project Cost
at Year of
Construction Priority

Category	1	2	3	4	Grand Total
Mechanical Systems	\$ 8,950,000.00	\$ 4,124,000.00	\$ 2,002,500.00	\$ 15,076,500.00	
Accessibility	\$ 1,345,500.00	\$ 66,000.00		\$ 1,411,500.00	
Electrical Systems	\$ 1,860,000.00	\$ 1,275,000.00	\$ 25,000.00	\$ 3,160,000.00	
Exterior	\$ 2,197,500.00	\$ 538,500.00		\$ 2,736,000.00	
Interior	\$ 147,000.00	\$ 1,211,000.00	\$ 3,195,500.00	\$ 6,729,000.00	\$ 11,282,500.00
Site	\$ 3,032,500.00	\$ 98,500.00	\$ 1,102,500.00	\$ 4,233,500.00	
Grand Total	\$ 1,492,500.00	\$ 17,317,000.00	\$ 9,231,500.00	\$ 9,859,000.00	\$ 37,900,000.00



Appendix C:
High School Planning Process
Task Force Summary Presentation



NORTHFIELD HIGH SCHOOL Planning Summary

SCHOOL BOARD MEETING | NOVEMBER 16, 2023

Northfield High School Master Planning Process

NHS MASTER PLAN TASK FORCE OVERVIEW AND PURPOSE

A Task Force is being formed to study Northfield High School and make a recommendation for a Facility Master Plan. The District has been studying the needs at Northfield High School and the Task Force will be asked to assess and prioritize the identified needs and make a recommendation to the School Board as to how to best address them.

The Northfield High School Master Plan recommendation will be based on building capacity, current and projected enrollment, educational needs of the School District, alignment with the District's Strategic Plan, safety and security, community recreation, and financial stewardship.

NHS MASTER PLAN TASK FORCE CHARGE AND GUIDING PRINCIPLES

Develop a Facilities Master Plan for Northfield High School for recommendation to the School Board that will:

- *Best serve the School District's educational goals*
- *Be financially attainable and sustainable*
- *Reflect the values and priorities of the communities of Northfield Public Schools*
- *Accommodate the District's 9-12 enrollment and programs hosted*
- *Cover anticipated needs for the next 20 years, as well as recognize major issues beyond that time frame*
- *Be consistent with the School District's Strategic Plan*
- *Recommend optimal use of facilities, accommodate projected enrollment and support educational delivery along with the rationale for the recommendations*

NHS MASTER PLAN TASK FORCE CHARGE AND GUIDING PRINCIPLES

To do this, the Task Force will analyze data in order to:

- *Understand and quantify building capacity for Northfield High School, including relevant Community Education or community programming*
- *Understand facility maintenance needs and recommend priorities to the District*
- *Address both capital costs and operational costs*

The Task Force recommendation should reflect optimal use of the District's facilities and cover anticipated future needs, as well as any topics requiring further study.

Northfield Public Schools will have a recommendation from the Task Force for Northfield High School to accommodate educational needs, enrollment and programs over the next 20 years that is financially sustainable.

NHS MASTER PLANNING PLANNING PROCESS



NHS MASTER PLAN TASK FORCE

TASK FORCE MEMBERSHIP

Adam Karsko, Custodial/Facilities Staff

Andy Richardson, Teacher

Angelica Linder, Community Member/Parent

Bob Gregory Bjorklund, Community Member

Bubba Sullivan, Teacher

Cece Green, Child Nutrition

Chris Kennelly, Community Member/Parent

George Zuccolotto, Community Member

Janet Smith, Athletics

Jeff Quinnell, Board Member

Kevin Dahle, Teacher

Lee Runzheimer, Facilities Advisory Committee

Liam Fischer, High School Staff Member

Mark Lancaster, Community Member/Parent

Mari Hanson, Student

Mimi Keita, Student

Nahal Javan, Teacher

Nate Knutson, Network Manager

Paul Eddy, Athletics

Rebecca Glassing, Teacher

Ricky Livingston, Community Member/Parent

Robert Coleman, Parent

Ryan Turnquist, Counselor

Shari Karlsrud, Teacher

Tom Baraniak, Board Member

Tracy Closson, Custodial/Facilities Staff

Cheryl Hall, Administration

Cole Nelson, Administration

Erin Bailey, Administration

Joel Leer, Administration

Joel Olson, Administration

Matt Hillmann, Administration

Nancy Veverka, Administration

Rico Bohren, Administration

Sara Pratt, Administration

Val Mertesdorf, Administration

Facilitators:

Sal Bagley, Wold Architects and Engineers

Katelyn Chambers, Wold Architects and Engineers

Josh Cooper, Knutson Construction

Keane McWaters, Knutson Construction

Meeting I Overview

March 17, 2022

Greenvale Park New Elementary School

- January 2019 - Fall 2020

Bridgewater Elementary School

- February 2019 - Spring 2020

Spring Creek Elementary School

- April 2019 - Fall 2020

Northfield Community Education Center

- September 2019 - Fall 2020

District Office

- September 2019 - January 2021

Capacity is the ability of a school facility to house K-12 student programs.

- *Capacity Analysis attempts to quantify the amount of capacity.*
- *Useful when compared to “Head Count” number of students.*
- *Sets a standard for a fully functioning school that accommodates anticipated programs.*

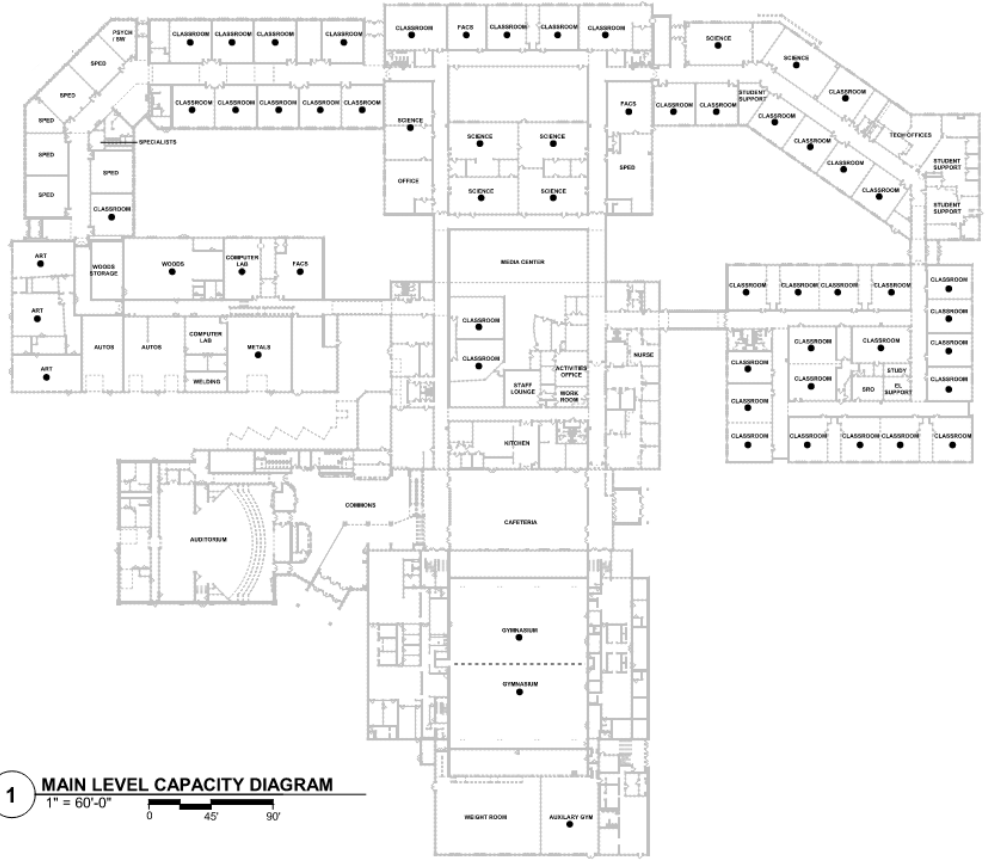
CAPACITY ANALYSIS

NORTHFIELD HIGH SCHOOL

62 x 32 students x 86%
 (6 out of 7 periods) =
1,706 student capacity



1 UPPER LEVEL CAPACITY DIAGRAM
 1" = 60'-0"
 0 45 90



1 MAIN LEVEL CAPACITY DIAGRAM
 1" = 60'-0"
 0 45 90

NORTHFIELD PUBLIC SCHOOLS

ISD #659

ENROLLMENT PROJECTIONS

Hazel H. Reinhardt

January 24, 2022

ENROLLMENT PROJECTIONS

Year	K-5	6-8	9-12	Total
2021-22	1,491	921	1,398	3,810
2026-27				
Low K/Low Mig	1,432	823	1,330	3,586
Low K/High Mig	1,454	833	1,292	3,579
High K/Low Mig	1,458	823	1,330	3,611
High K/High Mig	1,481	833	1,292	3,605
2031-32				
Low K/Low Mig	1,401	781	1,214	3,396
Low K/High Mig	1,422	801	1,202	3,425
High K/Low Mig	1,430	797	1,221	3,449
High K/High Mig	1,452	818	1,209	3,480

CAPACITY VS ENROLLMENT

CAPACITY OF FACILITY VS. PROJECTED ENROLLMENT

Year	Capacity	Actual	Low K	Low K	High K	High K	% Full
			Low Mig	High Mig	Low Mig	High Mig	
2011-12	1706	1,218					71%
2012-13	1706	1,242					73%
2013-14	1706	1,237					73%
2014-15	1706	1,239					73%
2015-16	1706	1,292					76%
2016-17	1706	1,290					76%
2017-18	1706	1,328					78%
2018-19	1706	1,371					80%
2019-20	1706	1,336					78%
2020-21	1706	1,370					80%
2021-22	1706	1,275					75%
2026-27	1706		1330	1292	1,330	1292	76%
2031-32	1706		1214	1202	1,221	1209	71%

5-year projection

10-year projection

- **Listening Sessions Held**

- *Instructional Services: February 2*
- *Child Nutrition: February 2*
- *Special Education: February 2*
- *Technology/IT: February 2*
- *Activities: February 2*
- *All-Staff: February 7*
- *Finance Advisory Committee: February 7*
- *Department Heads: February 8*
- *Facilities Team: February 14*
- *All-Staff Options: February 18 or 24*
- *Community Education: February 21*
- *Drama/Music: February 21*
- *District Youth Council: February 23*



EDUCATIONAL ADEQUACY

STAFF INPUT THEMES – BUILDING CHALLENGES

- *General wayfinding / organization (confusing, pinch points for circulation) – being spread out difficult for collaboration*
- *Many outside doors / lack of clear entry*
- *Lack of flexible breakout spaces and small group meeting rooms near classrooms (variety of space sizes and types)*
- *Setup of Special Education space (amount, space relationships, amenities)*
- *Not enough music rehearsal space and lack of relationship to auditorium; practice rooms not sound-proofed; storage of music equipment (not enough space, very tight)*
- *Some spaces without natural daylight*
- *Lack of staff restrooms and single-user restrooms*
- *Locker rooms difficult to supervise, poor ventilation*
- *Not enough physical education space for daytime activities or before/after school activities*
- *Cafeteria – long lines, low ceiling, loud*
- *Accessibility challenges across levels, especially to activities spaces / weight room area*
- *Comfort in spaces (too hot, too cold, unpredictable)*
- *Design of FACS and science labs does not align with current teaching practices and class sizes*
- *Need better supervision relationships between T&E labs*
- *No staff collaborative space*
- *Commons is not welcoming*

- *Greenspace around building / courtyards are nice (but do not utilize for fire code)*
- *Media center – welcoming environment, natural daylight, flexibility, spacious feeling*
- *Flexible seating around the building in a few spots (S Wing, M Wing)*
- *Art Rooms (layout, natural daylight)*
- *Ability to eat in areas beyond the cafeteria (related to a “least favorite”)*
- *SI 20 room (dedicated flexible space)*

STUDENT INPUT THEMES – BUILDING CHALLENGES

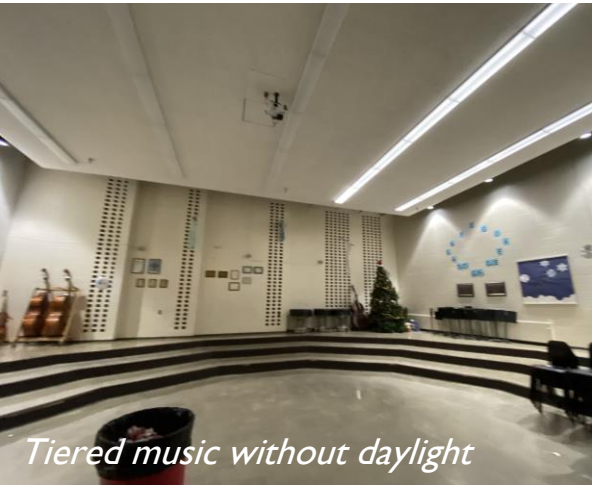
EDUCATIONAL ADEQUACY

- Locker rooms are not inviting or comfortable, lack of privacy
- Path to get to the weights/fitness area for those with mobility challenges is roundabout / loses important time
- General temperature control – some rooms hot, some cold, on the same day
- Athletic storage is undersized, and scattered
- Music area – tight, not enough / inappropriate size practice rooms, getting instruments difficult
- Layout / wayfinding is confusing and can create anxiety (cannot see around corners, not sure where to go in emergency sometimes if in hallways)
- Not enough student toilets around the building, especially with privacy
- Finishes in poor condition in music area and around the gym
- Cafeteria is crowded and serving lines weave between tables – “someone standing over your shoulder while you eat”
- General concerns with security – lack of sightlines
- Lockers – not located in convenient areas (by buses, etc) and few students use them

STUDENT INPUT THEMES – BUILDING SUCCESSES

- *Courtyards are nice – controlled way to be outside*
- *Seating areas in M and S wing for flexible furniture*
- *Art Suite – nice space to share student work, natural daylight*
- *Media Center – spacious, seating options, access to computers*
- *The small offices between classrooms – nice for meetings, flex, etc.*
- *Taking out lockers to create flex spaces – few students use them*

EDUCATIONAL ADEQUACY PHOTOS - BUILDING CHALLENGES



EDUCATIONAL ADEQUACY PHOTOS – BUILDING SUCCESSES



*Art classrooms / suite – daylight,
enough space, gathering area*



Views to exterior / nature



*Daylight, flexibility, welcoming
atmosphere of media center*

- *Additions and improvements over time feel ad hoc – need a holistic end solution*
- *Provide tours and photos for general public*
- *Need clear, justifiable narrative for the solution*
- *Consider flexibility for the future – currently trying to run a flexible day in an inflexible building*
- *Include student input and spaces for student choice and a variety of learning styles*
- *Promote inclusion of the community*

Meeting 2 Overview

March 31, 2022

NHS MASTER PLANNING

MEETING 2 INTRO

- Interested Task Force members went on a tour of the building prior to meeting #2, which lasted about one hour and included all areas/zones of the facility
- Valori Mertesdorf (ISD 659) and Shelby McQuay (Ehlers) presented to the Task Force about school finance in general, as well as the funding sources available to do capital improvements

EDUCATIONAL ADEQUACY MUSIC / DRAMA NEEDS INPUT

- *There are only 2 rehearsal spaces for 3 full time instructors – need a third rehearsal space*
- *Rehearsal spaces have built-in tiers that limit flexibility and are not accessible*
- *Storage space for instruments is claustrophobic and challenging to access as students enter/exit the music area*
- *Practice rooms are too small and not soundproofed (should have 3)*
- *Ensemble spaces are too small and not soundproofed (should have 2-3)*
- *Practice and Ensemble rooms should be able to be supervised*
- *Orchestra room and storage does not have appropriate humidity control*
- *Music suite struggles with climate control in general (does not have AC)*
- *Storage needs: sheet music, uniforms, robes, chairs, stairs, portable risers*
- *Rehearsal spaces should be near and ideally on same level as auditorium / first floor for loading of equipment*
- *Sound systems in rehearsal spaces are poor quality*

MUSIC / DRAMA NEEDS INPUT CONTINUED

- *Fly space for the stage is tight (budget cuts at the time of construction)*
 - *The building would benefit from having a multipurpose space (like a black box) for performances that do not need the entire auditorium or when it is full / has sets on the stage for longer periods of time*
 - *There is no green room for the auditorium, only gender-specific dressing rooms that have no connectivity to stage (hard for cues, etc)*
 - *Difficult to get large equipment in/out of auditorium (doors not wide enough or have to take a winding path)*
- *The technology and systems of the auditorium are outdated including: non-LED lighting, sound system / enough microphones, ability to record/livestream, etc.*
 - *Theater seats are due for replacement*
 - *Rigging system is in poor condition and needs replacement / repairs*

EDUCATIONAL ADEQUACY ACTIVITIES / ATHLETICS NEEDS INPUT

- *There is not enough gymnasium space. Daytime use would recommend at least four courts that are not overlapping to support PE, and after-school activities use all available space and push into other buildings*
- *Any new space (fieldhouse, etc) would not be recommended to be the game gym – current space works (with some enhancements like sound system)*
- *Any future courts should be considered to have a small amount of seating for spectators for tournaments, etc. and should consider a variety of features like alternate surfaces, batting cages, etc. to be multi-purpose*
- *A walking track would be ideal for phy ed (and potentially community use) – currently use the general school hallways*
- *Locker rooms are in poor condition and locker sizes do not work well for equipment and team sizes*
- *Locker rooms serve as pass-through spaces (or have to walk through the gym) there are no hallways on the sides of the gym*
- *Need 2-3 classrooms for health and PE instruction in the general activities area – currently utilizing old locker room, etc.*
- *Storage is fragmented and irregular in shape/size (underneath bleachers, etc)*
- *Athletic training room is undersized and in poor condition*

ACTIVITIES / ATHLETICS NEEDS INPUT CONTINUED

- *Some specialized sports are located off-site, such as gymnastics, hockey, clay trap, bowling, fishing, golf, and dance team*
- *The District leases space at the Dundas dome and will likely continue to do so*
- *Youth Associations use available gym space across the District, and oftentimes this is until 9:00 PM which can be challenging for younger children*
- *Soccer fields built at Spring Creek which works well*
- *Tennis layout is challenging – 2 and 5 courts separated by a drainage area; 8-10 courts located together would be ideal*

- ### EDUCATIONAL ADEQUACY
- *Onsite fields: 3 practice football / lacrosse (not lit); two baseball fields (one practice, one competition, neither lit); two softball fields (one practice, one competition, neither lit); Memorial Field (used for games only to let natural turf rest and establish)*
 - *There is no track onsite at the High School – utilize the MS which leads to 200+ athletes using same space, and MS does not have any spectator seating for the track*
 - *Only fields that are fenced are varsity baseball / softball*
 - *The weight room is appropriately sized*

EDUCATIONAL ADEQUACY COMMUNITY EDUCATION NEEDS INPUT

- *Gym spaces are used by a variety of groups for volleyball, basketball, etc – adjustable features are good to support wide range of age groups*
- *Dance performances utilize the gymnasium / theater*
- *Several classroom spaces are used for community education, including Art, FACS, and general classrooms*
- *Other uses of NHS by groups: Sports team banquets, faculty meetings, driver's education, children's theater, concerts, youth choir, etc.*
- *The building has community members walking in the mornings*
- *Would be ideal if community-use spaces were easy to find (near an entry) and rest of building is able to be secured*

EDUCATIONAL ADEQUACY SAFETY & SECURITY OVERVIEW

- **Secure Vestibule at All Facilities**
 - Direct connection to main office
 - All sites (including improvements planned at NHS)
- **Security Cameras**
 - Ability to view from centralized location
 - Improve coverage and camera quality
 - Integration with other systems (Visitor Management System)
- **Building Access Control (card readers)**
 - Integration with other systems (Visitor Management System)
 - Video phones at loading docks, main entry and other high-use doors (i.e. extended day or activities)

- **Communications**
 - Public Announcement systems - areas of coverage (both inside and outside)
 - Visual messages/notifications for loud areas and accessibility purposes
- **Lockdown procedures**
 - Tools to improve communication
 - Classroom locks
 - Creating zones within the building



FUTURE-READY LEARNING ENVIRONMENTS

KEY CONCEPTS



Learning spaces need to adapt to meet the needs of every individual student – today and in the future

- Learning can happen anywhere – not limited to the classroom
- Flexibility for the future to meet unique needs is essential
- Every student has their own path to success – career readiness
- Facilities need to be flexible and dynamic to empower learners and educators
- What type of spaces are needed for hybrid/self-paced work?



 **Knutson**Construction

FUTURE-READY LEARNING ENVIRONMENTS

FLEXIBLE LEARNING ENVIRONMENT



Before



After

Small Group Activity

What do the families of Northfield Public Schools expect out of the High School facility?

What are the critical features of our High School master plan / what must our plan address?

Meeting 3 Overview

April 14, 2022

FACILITY MASTER PLAN SOLUTIONS

MASTER PLAN CATEGORIES

Categories:

Building Condition

Programming & Future Readiness

Performance, Activities & Community Spaces

Wayfinding & Safety

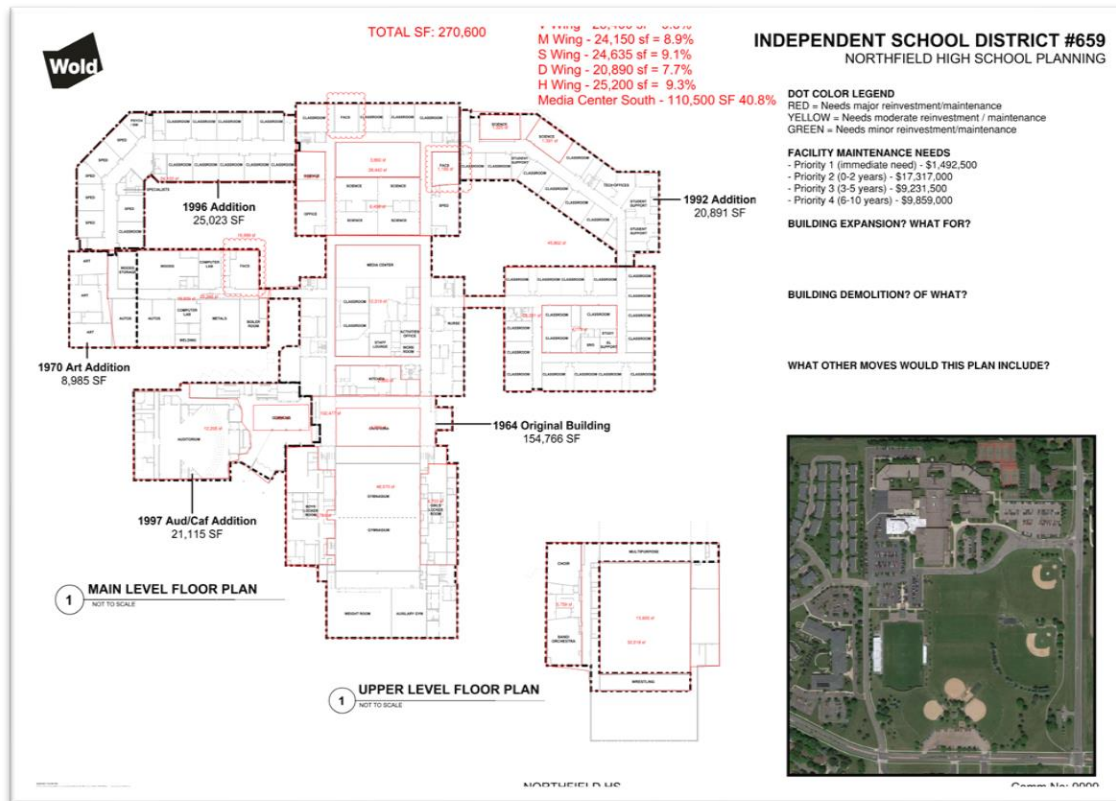
Small Group Activity

What are your ideas for the master plan?

As a Task Force, what will we be expected to have studied?

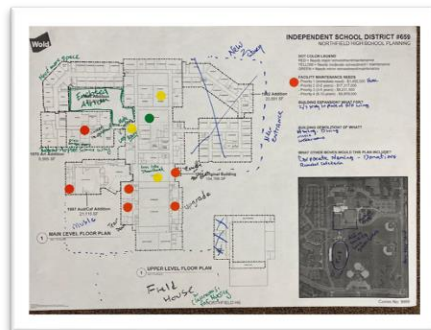
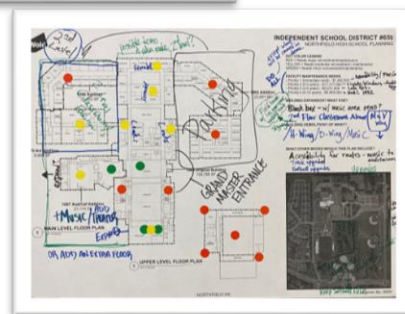
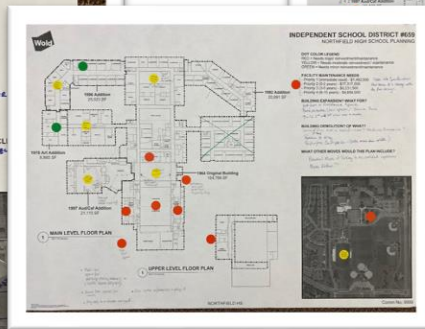
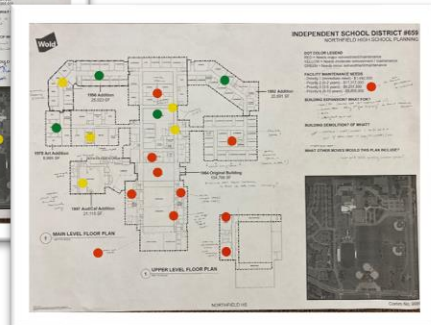
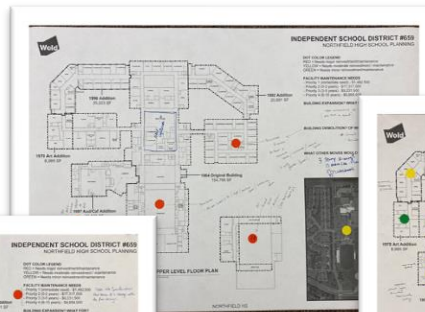
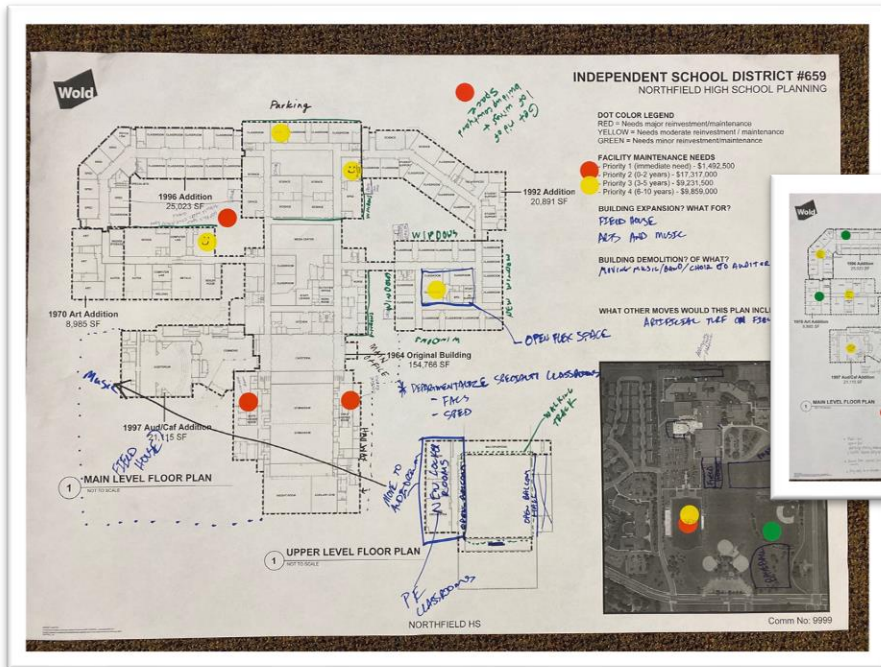
FACILITY MASTER PLAN SOLUTIONS

MASTER PLAN IDEATION



FACILITY MASTER PLAN SOLUTIONS

MASTER PLAN IDEATION



Meeting 4 Overview

April 28, 2022

MASTER PLAN DEVELOPMENT WHERE ARE WE AT IN THE PROCESS?

- While they differed in implementation, most groups had nearly identical thoughts in regards to the master plan main components – there appears to be agreement in regards to what areas are in need of reinvestment
 - *Differences were in “how” (renovate vs replace) and in some instances level of investment*
- We need to establish needs and their solutions but do not need to design the project (that comes after funding and takes about a year for a high school)
- We need to prioritize the needs to ensure that our recommendation can be aligned to available funding

MASTER PLAN DEVELOPMENT

MASTER PLAN CONCEPTS FROM MEETING 3

DOT COLOR LEGEND

- RED = Needs major reinvestment/maintenance
- YELLOW = Needs moderate reinvestment / maintenance
- GREEN = Needs minor reinvestment/maintenance

FACILITY MAINTENANCE NEEDS

- Priority 1 (immediate need) - \$1,492,500
- Priority 2 (0-2 years) - \$17,317,000
- Priority 3 (3-5 years) - \$9,231,500
- Priority 4 (6-10 years) - \$9,859,000

BUILDING EXPANSION? WHAT FOR?

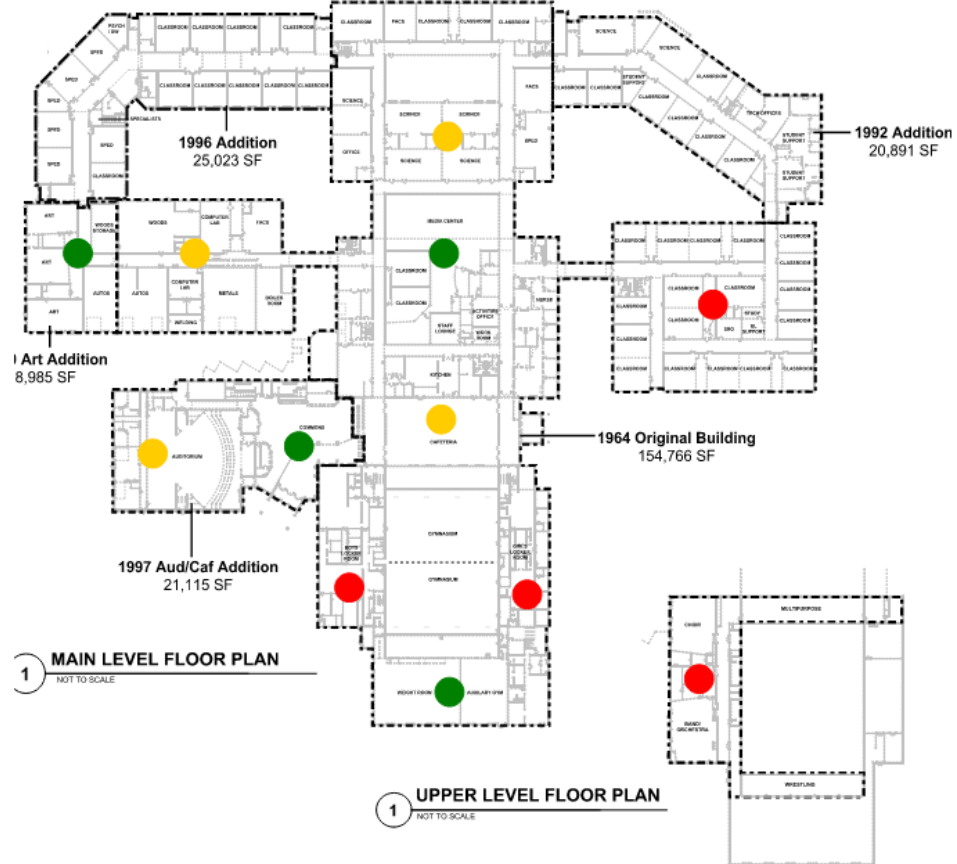
- FIELDHOUSE / ADDITIONAL GYMNASIUM SPACE
- ADDITIONAL / NEW MUSIC CLASSROOMS

BUILDING DEMOLITION? OF WHAT?

- D OR H WING

WHAT OTHER MOVES WOULD THIS PLAN INCLUDE?

- FLEXIBLE SPACE AROUND THE BUILDING



MASTER PLAN DEVELOPMENT BUILDING CONDITION FINDINGS

- *Northfield High School was originally built in 1964 and has been added onto several times, including in 1970, 1992, 1996, and 1997. While upgrades have been done to the buildings' systems over time (including large mech/elec renovation in 2002), many of the systems and components throughout the building are past their useful life.*
- *Occupants of the building report uneven heating and cooling, including areas without cooling.*
- *The building envelope requires improvements for insulation and water intrusion, including waterproofing, tuckpointing, roof work, and windows.*
- *The restrooms and locker room areas are in poor condition.*
- *There are elements of the High School that are not in compliance with the ADA (Americans with Disabilities Act), and occupants with mobility needs report challenges with some of the level changes in the building.*
- *Needs anticipated in the next 10+ years are around \$38M (in 2022 dollars).*

MASTER PLAN DEVELOPMENT BUILDING CONDITION NEEDS STATEMENTS / RUBRIC

- *The systems of Northfield High School should provide an environment that is safe, healthy, and encourages learning, including appropriate and reliable temperature and indoor air quality.*
- *The Master Plan should address all known maintenance needs for the facility.*
- *All buildings need to meet accessibility codes to support all those who use the buildings, including students, staff, and the community. The buildings should be designed with universal access to all spaces.*
- *The Master Plan should prioritize sustainability and energy efficiency with a focus on lowering operating costs.*
- *The Master Plan should prioritize access to improved lighting, including interior lighting upgrades and access to natural daylight.*

Solutions:

- ✓ Address critical maintenance & accessibility needs
- ✓ Prioritize access to natural daylight

MASTER PLAN DEVELOPMENT PROGRAMMING & FUTURE READINESS FINDINGS

- *Special education programming has changed significantly since the time the building was built, and there are layout/configuration challenges.*
- *Specialized environments, like FACS, Science, and T&E do not have appropriate provisions, including adequate lab space, equipment, and space relationships.*
- *The music wing struggles with inaccessible tiered floors, being on a different level from the auditorium, and inadequate space. Practice rooms, instrument storage, and enough rehearsal spaces are needed.*
- *The building has a small amount of flexible learning space, which has been embraced and building users highly value. In general, much of the NHS facility is inflexible.*

MASTER PLAN DEVELOPMENT PROGRAMMING & FUTURE READINESS NEEDS STATEMENTS / RUBRIC (1 of 2)

- *Northfield High School should be designed to support the mission and vision of the District, including community expectations and current/future programming.*
- *The Master Plan should include flexible/multiuse, welcoming spaces for students and staff.*
- *The Master Plan should update hands-on spaces, such as FACS, Science, and T&E to match current and future programming and provide spaces for all students to succeed.*
- *The Master Plan should include flexible furniture throughout the facility to support adaptability and choice.*
- *The Master Plan should include appropriate spaces for special education.*
- *The Master Plan should include adequate space for music rehearsals that is accessible and includes appropriate practice and storage space.*

Solutions:

- ✓ Renovation of FACS, Science, T&E
- ✓ Additional Music rehearsal space
- ✓ Improve flexibility / welcoming feeling

MASTER PLAN DEVELOPMENT PROGRAMMING & FUTURE READINESS NEEDS STATEMENTS / RUBRIC (2 of 2)

- *Northfield High School should be designed to support the mission and vision of the District, including community expectations and current/future programming.*
- *The Master Plan should include flexible/multiuse, welcoming spaces for students and staff.*
- *The Master Plan should update hands-on spaces, such as FACS, Science, and T&E to match current and future programming and provide spaces for all students to succeed.*
- *The Master Plan should include flexible furniture throughout the facility to support adaptability and choice.*
- *The Master Plan should include appropriate spaces for special education.*
- *The Master Plan should include adequate space for music rehearsals that is accessible and includes appropriate practice and storage space.*

Solutions:

- ✓ Updates for special education
- ✓ Flexible furniture and renovations for adaptability and flexibility

MASTER PLAN DEVELOPMENT PERFORMANCE, ACTIVITIES, AND COMMUNITY SPACES FINDINGS

- *Physical education offerings during the day do not have enough space, leading to scheduling challenges and classes being held in inappropriate environments like hallways.*
- *The type and quantity of activities offerings has increased significantly since the building was built, and there is not enough space at the high school. This leads to scheduling challenges and practices occurring late in the evening.*
- *The locker rooms are in poor condition and are not comfortable for users.*
- *The outdoor fields require constant maintenance and are oftentimes inaccessible for use due to drainage and the wear/tear from high demand.*
- *Storage is scattered throughout the building and undersized, including lockers.*
- *The technology/systems of the auditorium require replacement, including lighting, sound systems, rigging, and seats.*

MASTER PLAN DEVELOPMENT PERFORMANCE, ACTIVITIES, AND COMMUNITY SPACES NEEDS STATEMENTS / RUBRIC (1 of 2)

- *The High School should have adequate on-site space to support daytime physical education needs as well as before/after school activities. The Master Plan should work to minimize the use of offsite facilities and ensure high utilization of onsite amenities.*
- *The locker rooms should support supervision and user comfort as well as accommodate the variety of groups that may need to access the space at the same time.*
- *The Master Plan should address the lack of circulation around the gymnasium to avoid having to walk through spaces to access others.*

Solutions:

- ✓ Fieldhouse addition
- ✓ Fix circulation problems around gym
- ✓ Renovate locker rooms
- ✓ Add artificial turf to Memorial Field

MASTER PLAN DEVELOPMENT PERFORMANCE, ACTIVITIES, AND COMMUNITY SPACES NEEDS STATEMENTS / RUBRIC (2 of 2)

- *The systems and technology in the auditorium and gymnasium should support demands for both District and community use.*
- *The Master Plan should include a flexible performance space (Black Box or similar) to accommodate a range of performance and meeting space demands.*
- *The Master Plan should include accessible and attractive common spaces for both daytime and community use.*

Solutions:

- ✓ Black Box Addition or Renovation
- ✓ Cafeteria / Commons / Kitchen Work

MASTER PLAN DEVELOPMENT WAYFINDING AND SAFETY FINDINGS

- *Northfield High School has many exterior doors which are difficult to control.*
- *The overall layout of the building can be confusing to visitors and disorienting to users.*

- *The design of Northfield High School should support the District's safety and security standard, including screening visitors before entering the building and creating secure zones within the facility. The design of security systems should be seamless with the building environment.*
- *The Master Plan should provide for safe and efficient exterior traffic flow for students, staff, buses, drop-off/pick-up vehicles, bicycles, and pedestrians.*
- *The building should be safe and welcoming for students, staff, and the community.*

Solutions:

- ✓ Reconstruct pick up / drop off / general site traffic
- ✓ Building flow and function should be improved

Small Group Activity

How do the identified needs rank in regard to priority?

How should our recommendation be shaped to align with financial parameters we were asked to work within?

I = TOP PRIORITY
 IO = NOT A PRIORITY

MASTER PLAN DEVELOPMENT

MASTER PLAN PRIORITIZATION

Master Plan Component	Group 1	Group 2	Group 3	Group 4	Average	Estimated Budget
Maintenance Needs	I	I	I	I	I	\$28,567,500
Renovate Specialized Environments (Science, FACS, T&E)	I	I	I	I	I	\$10,619,340
Locker Rooms Renovation	I	I	I	I	I	\$4,824,540
Address Kitchen/Cafeteria Needs	I	I	I	I	I	\$4,084,375
Storm Shelter	I	I	I	I	I	\$1,875,000
Updates for Special Education	I	I	I	2	1.25	\$2,160,000
Flexible Furniture	I	I	2	I	1.25	\$1,725,000
Improve Building Flexibility	I	I	2	2	1.5	\$3,650,250
Fieldhouse Addition	2	3	I	I	1.75	\$18,170,000
Address Music Needs	2	2	I	3	2	\$6,329,521
Auditorium Updates	2	3	I	2	2	\$2,130,000
Update Classroom Technology	I	4	3	2	2.5	\$875,000
Add Turf to Memorial Stadium	IO	IO	I	4	6.25	\$2,000,000
ALL MASTERPLAN COMPONENTS						\$87,010,526

PRICING CREATED IN SUMMER 2022
TO BE REVISITED WITH REVISED ELECTION/BIDDING SCHEDULE
AFTER SCOPING

MASTER PLAN DEVELOPMENT SOLUTIONS STUDIED IN SUMMER 2022

Master Plan Scenario	Maintenance / Minor Renovation	Moderate Renovation Options	All Master Plan Priorities
Reinvest in Current HS	\$40M	Ranges – the Task Force considered \$55M / \$70M tax impacts; maintenance varies with other choices	\$87M
Replacement Facility	\$118M-\$120M		

- o *Task Force Master Plan recommendation can be used to guide investment based on tax impact*

**PRICING CREATED IN SUMMER 2022
TO BE REVISITED WITH REVISED
ELECTION/BIDDING SCHEDULE AFTER
SCOPING**

MASTER PLAN DEVELOPMENT ELECTION TIMELINES

DRAFT TIMELINE FOR SPECIAL ELECTION DATED -

February 13, 2024

April 9, 2024

May 14, 2024

August 13, 2024

November 5, 2024

To Be Completed Prior To:

Adopt combined polling places resolution by the earlier of 90 days prior to the election or December 31 of the prior calendar year. Combined polling place must be currently designated as a polling place for the county or another municipality. ** †

Notify County Auditor within 30 days of establishment of combined polling places

Finalize scope of project

Determine financing details

Submit Review & Comment application materials to Commissioner of Education (school board must approve application prior to submission)*

Receive Review and Comment by

Adopt formal Resolution Calling the Election (resolution contains form of election notice and ballot - adopt at least 74 days prior to election)**

Furnish ballot to each County Auditor in which the District lies at least 74 days prior to election**

Furnish ballot or notice of special election to Commissioner of Education at least 74 days prior to election**

(1) A mailed notice of new/combined polling places to registered voters is required at least 25 days prior to election** †
-OR-

(2) If previously established combined precincts to be used, 14 days mailed notice of polling places to every affected household with at least 1 registered voter (exceptions if election falls on date of certain other elections)** †

Appoint election judges at least 25 days prior to election**

Publish Review and Comment (at least 48 days but no more than 60 days prior to election date)**

Hold School Board public meeting to discuss MDE Commissioner's Review & Comment response **

Publish election notice (publish twice at least one week before election)**

Post election notice at the administrative offices of the district at least ten days prior to election date **

Post sample ballot (at the administrative offices at least four days prior to election; and at each polling place on the date of election)**

Distribute informational material

Hold special election

Provide written notice of certified vote totals to Commissioner of Education in a timely fashion after the election**

	<u>February 13, 2024</u>	<u>April 9, 2024</u>	<u>May 14, 2024</u>	<u>August 13, 2024</u>	<u>November 5, 2024</u>
	November 15, 2023	December 31, 2023	December 31, 2023	December 31, 2023	December 31, 2023
	Within 30 days of Board Adopting Combined Polling Resolution				
	October 6, 2023	December 1, 2023	January 5, 2024	April 5, 2024	June 28, 2024
	December 15, 2023	February 9, 2024	March 15, 2024	June 14, 2024	September 6, 2024
	December 1, 2023	January 26, 2024	March 1, 2024	May 31, 2024	August 23, 2024
	December 1, 2023	January 26, 2024	March 1, 2024	May 31, 2024	August 23, 2024
	December 1, 2023	January 26, 2024	March 1, 2024	May 31, 2024	August 23, 2024
	January 19, 2024	March 15, 2024	April 19, 2024	July 19, 2024	October 11, 2024
	January 30, 2024	March 26, 2024	April 30, 2024	July 30, 2024	October 22, 2024
	January 19, 2024	March 15, 2024	April 19, 2024	July 19, 2024	October 11, 2024
	December 15, 2023	February 9, 2024	March 15, 2024	June 14, 2024	September 6, 2024
	December 27, 2023	February 21, 2024	March 27, 2024	June 26, 2024	September 18, 2024
	Prior to election, after receipt of MDE response				
	Twice by		Twice by		
	February 6, 2024	April 2, 2024	May 7, 2024	August 6, 2024	October 29, 2024
	February 3, 2024	March 30, 2024	May 4, 2024	August 3, 2024	October 26, 2024
	February 9, 2024	April 5, 2024	May 10, 2024	August 9, 2024	November 1, 2024
	February 13, 2024	April 9, 2024	May 14, 2024	August 13, 2024	November 5, 2024

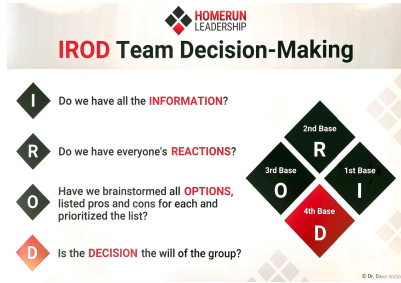
* Commissioner has up to 60 days from date material is received to complete the Review and Comment process and send comment to the District. Additional time should be allotted in the case of questions from the Commissioner, and to ensure the publication and public meeting requirements are able to be met.

** Time frame shown here is a legal requirement.

† These items are not required if the District's election is being held in conjunction with a federal or statewide election.

Questions & Discussion

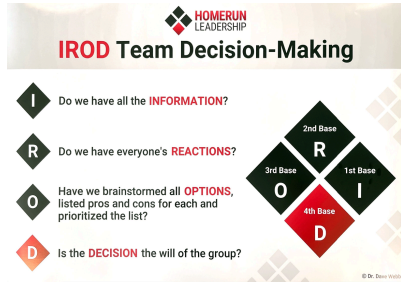
Appendix D:
IROD Process of High School Problems to Solve



Northfield School District IROD Process for Teams



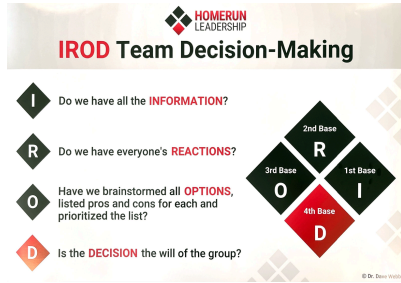
Discussion Item	Information	Reactions	Options	Team Decision
<p>Infrastructure (critical systems at end of life and other needed updates)</p> <ul style="list-style-type: none"> Necessary maintenance Building envelope/layout Windows Ensuring accessibility Lighting fixtures (controllable lighting) HVAC — climate control and energy efficiency Air exchange Comfort and climate Restroom facilities (more access and individual facilities) Building traffic flow and wayfinding Kitchen and dining experience 	<ul style="list-style-type: none"> B3 benchmarking Need information about current energy/insulation, etc. (r-value) <ul style="list-style-type: none"> Estimated R value of walls is under 2. Code minimum today is 13.3 for walls Wold Facility Assessment Energy Performance Index NHS Existing Wall Sections Analysis NHS Google Earth View NHS Map 	<ul style="list-style-type: none"> Dealing with an older building — difficult to remodel at a practical cost. Costing of remodel vs. build? What is the cost ratio? HVAC question is much more complicated than initially thought it would be. Question about how last year's hybrid proposal would have factored into HVAC plan given limited room for updates. How do you tie the remaining parts of the building into any "reimagined" facility. Distance between classrooms is problematic in some instances. Climate and comfort — difficulty in telling students what to wear to accommodate. Amount of energy/money that it takes to keep the 	<p>The board heard five different draft options and associated estimated costs at its Jan. 16 work session:</p> <ul style="list-style-type: none"> Option 1A: Substantial maintenance and modest renovation of the existing facility. Estimated cost: \$59.5 million Option 1B: Substantial maintenance and modest renovation of the existing facility, new furniture for the entire facility, and a turf practice field for PE classes and athletic practices. Estimated cost: \$66.5 million. Option 1C: Substantial maintenance and modest renovation of the existing facility, new furniture for the entire facility, a turf practice field for PE classes and athletic practices, and an athletic fieldhouse with room 	



Northfield School District IROD Process for Teams



Discussion Item	Information	Reactions	Options	Team Decision
		climate temperate is wasteful.	for four basketball courts. Estimated cost: \$87.2 million.	
Classroom, laboratory, shop, and learning space updates <ul style="list-style-type: none"> Natural lighting Every teacher should have their own classroom space Music space insufficient Designing physical space to align with best practice Updated Vocational/Career Prep Spaces 	<ul style="list-style-type: none"> Article list Staff & student input on adequacy NHS Map 	<ul style="list-style-type: none"> Dealing with an older building — difficult to remodel at a practical cost. There would be better design aspects today. Might be more reactions after we visit Owatonna HS. All issues are important — the task force’s prioritization challenges are apparent. The Greenvale Park improvement/template. <ul style="list-style-type: none"> Greenvale Park tour? Natural light — what classrooms at the HS do not have natural light? [See map] Preservation may be important but may not be important in the scope of student’s education. Furniture 	<ul style="list-style-type: none"> Window expansion for Option 1A, 1B, or 1C: This would not just replace but expand the windows for more natural light. This would add \$2.5 million to the costs listed above. Option 2: Reimagine the existing facility. This would include a significant, multi-story addition, demolition of the H, D, M, and S wings, and renovation of the remaining parts of the existing facility, a turf practice field for PE classes and athletic practices, and an athletic fieldhouse with room for four basketball courts. Estimated cost: \$117.6 million. Option 3: A new school on the existing campus, demolition of most of the 	
Activities spaces and community	<ul style="list-style-type: none"> Auditorium renovation 	<ul style="list-style-type: none"> Do we have adequate 		



Northfield School District IROD Process for Teams



Discussion Item	Information	Reactions	Options	Team Decision
<p>access</p> <ul style="list-style-type: none"> • Auditorium updates needed • Expanded gym space: athletic and academic space • Weight room • Community use of high school • Locker rooms 	<ul style="list-style-type: none"> • budget comments from Liam Fisher. • Staff & student input on adequacy 	<p>performance space?</p> <ul style="list-style-type: none"> • Inadequate equipment (audio, lighting, etc. — end of usable life) • 	<p>existing facility (leaving gym, auditorium, and cafeteria for community use). (The athletic fieldhouse amenities would be incorporated into the new building.) Estimated cost range: \$162.8 million—173.2 million.</p> <ul style="list-style-type: none"> • Option 4: A new school on a new campus. Estimated cost range: \$172.8 million—176.4 million. 	
<p>Safety/security</p> <ul style="list-style-type: none"> • Security dilemma (37 exits) • Storm shelter (required with new construction) 	<ul style="list-style-type: none"> • NHS Map 	<ul style="list-style-type: none"> • Too many doors is probably more of a concern than a benefit • Potential reduction in behavioral issues due to better supervision sight lines? 	<ul style="list-style-type: none"> • Potential geothermal solution: this could be added to any of the options. Estimated cost: \$7 million. • You can see more detailed of these draft estimates and test fit solutions here. These are also part of the Jan. 22 board packet. • You can see the tax impact tables here. These are also part of the Feb. 12 board packet. 	

Appendix E:
Morris Leatherman Community Survey Results

Community Survey Results

Prepared for

Northfield Public Schools

February 2024

Northfield Public Schools
Community Survey Results
February 2024

Introduction

The Morris Leatherman Company was retained by Northfield Public Schools to perform a scientific random-sample survey of the school district’s registered voters in order to gauge the community’s reaction to proposed improvements to the high school. This report is intended to supplement our summary presentation of overall findings and recommendations by providing additional detail about perceptions among different demographic groups.

Our survey included a random sample of 400 registered voters who were contacted between January 8th and January 20th. Interviews consisted of 34 questions with an average total duration of 10 minutes. The random sample was designed to provide a representation of the District’s registered voters, with controls for age, gender, parent status and voting history among other factors. For any demographic group that was oversampled in our interviews, sample weights were adjusted to provide overall results that reflect the demographic composition of the community as a whole.

Given the size of our survey sample, our demographic controls, and the number of registered voters in the District, the estimated margin of error for this survey is approximately $\pm 4.8\%$. Demographic information was limited for some dimensions. As a result, the margin of error for responses based on educational attainment (N=225) is $\pm 6.5\%$, and for homeownership (N=307) the margin of error is $\pm 5.5\%$. Income estimates were available for nearly all households (N=370), so the margin of error for this group is $\pm 5.0\%$.

Who Was Called

Before interviews began, we analyzed the District’s registered voter list to identify demographic targets to ensure that a representative sample of the District’s voters was surveyed. These characteristics included gender, age, geographic location, parent status and voting activity.

Our completed interviews were close to targets on each demographic dimension. The largest over-sampling was with voters aged 35-44, who were sampled at 3.3 points over the estimated proportion for the community. The table at right shows how close our interview sample was to the demographics of the District. For our analysis of overall results, we have applied a small re-weighting of responses to provide a representative sample of the community.

While not included as demographic controls, our survey also tracked household income, educational attainment, homeownership and whether residents took the survey via cell phone.

Approximately 75% of the interviews were completed with participants on cell phones, with the remainder reached by traditional land-line phone. The proportion of cell phone users has grown considerably over the past decade. In the first half of 2020, the National Health Interview Survey revealed that more than 60% of American homes were wireless-only.

Demographic	Target	Surveyed	Difference
Males	47.6%	49.3%	1.7%
Females	52.4%	50.8%	-1.7%
Age 18-34 years	29.3%	27.5%	-1.8%
35-44	13.5%	16.8%	3.3%
45-54	13.5%	15.0%	1.5%
55-64	15.6%	14.5%	-1.1%
65+	28.1%	26.3%	-1.9%
Northfield Ward 1	20.1%	19.8%	-0.4%
Northfield Ward 2	18.7%	18.8%	0.1%
Northfield Ward 3	14.8%	15.0%	0.2%
Northfield Ward 4	14.0%	14.0%	0.0%
Dundas/Bridgewater	12.8%	13.3%	0.5%
Townships	19.6%	19.3%	-0.4%
Parents	28.0%	25.5%	-2.5%
Non-parents	72.0%	74.5%	2.5%
Less Active/New voters (0-2 of last 9 elections)	32.7%	32.8%	0.1%
Active voters (3-5 of last 9 elections)	45.1%	46.0%	0.9%
Very Active voters (6-9 of last 9 elections)	22.1%	21.3%	-0.9%

Northfield Public Schools
Community Survey Results
February 2024

Survey Structure

The main body of the survey asked respondents for their reactions to potential improvement projects to be undertaken at the high school. Participants were asked for their reaction both before and after hearing details about the proposed improvement projects. After hearing details about the proposal, participants were asked to react to a number of potential tax impacts .

Support for High School Improvements

This section shows detailed responses to questions regarding potential improvements to the high school. The first table shows initial support for high school improvements, asked before receiving details about the different projects that might be included. The questions were introduced with the language below:

“The School District has been evaluating high school facility issues. The Board continues to evaluate options through public discussions and building tours. Facility improvements include accessibility, HVAC systems, and lighting. Updates to classrooms, laboratories, shops, music spaces, and upgrades to the auditorium and athletic facilities are also being evaluated.

After receiving public input, the Board may ask voters to increase property taxes to provide funding to address these high school facility issues.

Based on what you know today, would you support or oppose a referendum to address these high school facility issues?”

The second table shows support levels when participants were asked a similar question after hearing details about the improvement projects which would be possible under the proposal.

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Q7: Initial support for high school improvements:

	Favor	Oppose	No opinion
All Voters	66.2%	21.9%	12.0%
Male	68.2%	22.4%	9.4%
Female	64.3%	21.3%	14.4%
Parent	81.4%	10.6%	8.0%
Non-Parent	59.5%	27.9%	12.5%
Alumni Parent	63.3%	22.5%	14.3%
Age 18-34	73.3%	14.0%	12.7%
35-44	78.8%	12.4%	8.8%
45-54	68.7%	19.5%	11.8%
55-64	59.8%	25.9%	14.3%
65+	55.2%	33.3%	11.5%
Northfield Ward 1	63.9%	24.4%	11.7%
Northfield Ward 2	67.6%	27.2%	5.2%
Northfield Ward 3	70.8%	19.8%	9.4%
Northfield Ward 4	60.2%	22.3%	17.5%
Dundas/Bridgewater	68.5%	19.4%	12.0%
Townships	66.6%	17.3%	16.1%
Less Active/New Voter	69.7%	17.8%	12.4%
Active Voter	63.4%	24.1%	12.5%
Very Active Voter	66.7%	23.1%	10.2%
High School	67.5%	18.1%	14.4%
Some College	80.7%	16.9%	2.4%
Bachelor's	64.6%	25.6%	9.8%
Graduate	55.4%	30.5%	14.1%
HH Income <\$25k	74.8%	15.8%	9.3%
\$25-50k	67.3%	25.2%	7.5%
\$50-75k	68.4%	21.0%	10.6%
\$75-100k	66.6%	21.6%	11.7%
\$100-150k	62.8%	23.1%	14.1%
>\$150k	73.1%	22.5%	4.3%
Homeowner	67.0%	23.4%	9.6%
Renter	61.4%	20.8%	17.8%

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Q29: Support after hearing details about improvement projects:

	Favor	Oppose	No opinion	Change in support %
All Voters	68.7%	23.3%	8.0%	2.5%
Male	69.3%	23.5%	7.3%	1.1%
Female	68.1%	23.1%	8.8%	3.8%
Parent	83.5%	10.7%	5.8%	2.1%
Non-Parent	61.0%	29.2%	9.8%	1.5%
Alumni Parent	67.4%	25.1%	7.4%	4.2%
Age 18-34	77.7%	13.1%	9.2%	4.4%
35-44	78.8%	13.4%	7.8%	0.0%
45-54	69.1%	21.4%	9.5%	0.4%
55-64	65.7%	27.7%	6.6%	5.8%
65+	56.0%	36.9%	7.0%	0.8%
Northfield Ward 1	65.9%	30.1%	4.0%	2.0%
Northfield Ward 2	70.9%	25.2%	3.9%	3.3%
Northfield Ward 3	72.8%	22.9%	4.3%	2.0%
Northfield Ward 4	67.7%	22.3%	10.0%	7.5%
Dundas/Bridgewater	68.8%	19.6%	11.6%	0.3%
Townships	66.9%	18.4%	14.7%	0.3%
Less Active/New Voter	72.5%	18.3%	9.2%	2.8%
Active Voter	65.9%	25.1%	9.1%	2.5%
Very Active Voter	68.7%	27.0%	4.3%	2.1%
High School	70.0%	18.1%	11.9%	2.4%
Some College	80.7%	16.9%	2.4%	0.0%
Bachelor's	66.5%	32.2%	1.4%	1.9%
Graduate	55.1%	34.2%	10.7%	-0.3%
HH Income <\$25k	74.8%	15.8%	9.3%	0.0%
\$25-50k	64.0%	28.3%	7.7%	-3.4%
\$50-75k	73.2%	19.9%	6.9%	4.8%
\$75-100k	69.0%	20.3%	10.6%	2.4%
\$100-150k	68.3%	24.9%	6.8%	5.4%
>\$150k	68.6%	28.5%	3.0%	-4.5%
Homeowner	68.4%	24.9%	6.7%	1.3%
Renter	68.1%	19.9%	12.0%	6.7%

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Reaction to Details

The next set of questions were used to measure how people reacted to specific projects related to high school improvements. This list was introduced by the following:

“I am going to read some statements about the potential high school facility projects and upgrades.

For each of these statements, please tell me whether the information would make you much more likely, somewhat more likely, somewhat less likely, or much less likely to support a referendum to fund these projects.”

Interviewers recorded responses from each participant, including occasions when a participant volunteered that they did not care one way or the other about a particular element or did not want to give an answer.

Responses indicating participants' reaction to each impact are shown on the pages which follow.

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Q8. Indoor air quality would be improved by upgrading ventilation systems.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	34.5%	35.5%	7.5%	12.9%	9.3%	0.2%
Male	34.4%	34.0%	7.7%	14.8%	8.6%	---
Female	34.6%	36.9%	7.4%	11.1%	9.9%	---
Parent	48.1%	33.9%	7.3%	6.7%	4.1%	---
Non-Parent	29.1%	31.8%	9.6%	17.1%	11.9%	---
Alumni Parent	31.3%	41.7%	5.0%	12.2%	9.8%	---
Age 18-34	36.1%	37.4%	7.9%	8.9%	8.9%	---
35-44	40.0%	37.1%	9.2%	10.6%	3.1%	---
45-54	41.1%	34.9%	6.4%	12.6%	5.0%	---
55-64	41.2%	26.1%	10.2%	10.5%	11.9%	---
65+	23.6%	38.2%	5.4%	19.7%	13.1%	---
Northfield Ward 1	28.9%	41.5%	7.7%	16.6%	4.1%	---
Northfield Ward 2	34.4%	33.8%	7.8%	10.6%	13.5%	---
Northfield Ward 3	25.3%	38.8%	12.5%	14.0%	9.3%	---
Northfield Ward 4	37.5%	35.8%	4.6%	12.1%	10.0%	---
Dundas/Bridgewater Townships	41.9%	26.6%	13.5%	10.1%	7.9%	---
Less Active/New Voter	36.6%	36.0%	7.4%	10.1%	9.2%	---
Active Voter	33.5%	36.4%	7.2%	13.2%	9.6%	---
Very Active Voter	33.6%	32.8%	8.3%	16.5%	8.9%	---
High School	42.6%	32.4%	11.2%	3.8%	10.0%	---
Some College	39.2%	39.2%	7.5%	3.3%	10.7%	---
Bachelor's	35.7%	36.0%	11.1%	10.0%	7.2%	---
Graduate	27.7%	33.5%	3.5%	23.0%	12.4%	---
HH Income <\$25k	56.4%	26.1%	0.0%	9.3%	8.2%	---
\$25-50k	40.6%	32.8%	3.1%	11.2%	12.4%	---
\$50-75k	32.3%	37.8%	15.5%	7.5%	6.9%	---
\$75-100k	22.3%	43.8%	6.3%	19.1%	8.4%	---
\$100-150k	35.7%	34.7%	5.7%	12.8%	10.3%	---
>\$150k	37.0%	30.9%	11.7%	10.3%	10.1%	---
Homeowner	33.0%	37.3%	9.2%	11.3%	9.1%	---
Renter	35.0%	37.5%	1.7%	17.1%	7.3%	---

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Q9. Natural light would be increased in classrooms and throughout the building by installing expanded windows.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	25.9%	32.7%	10.6%	16.8%	13.8%	0.2%
Male	29.0%	31.4%	10.3%	16.4%	12.9%	---
Female	23.0%	34.0%	10.9%	17.1%	14.7%	---
Parent	37.3%	37.1%	5.3%	14.4%	5.9%	---
Non-Parent	22.1%	26.6%	14.2%	17.3%	19.2%	---
Alumni Parent	22.1%	37.5%	9.9%	17.9%	12.7%	---
Age 18-34	25.1%	38.9%	11.3%	11.1%	13.5%	---
35-44	30.2%	35.6%	10.1%	16.3%	6.3%	---
45-54	29.7%	33.0%	9.5%	14.9%	13.0%	---
55-64	25.5%	36.0%	10.6%	14.6%	13.3%	---
65+	23.1%	23.1%	10.7%	24.8%	18.3%	---
Northfield Ward 1	31.8%	27.3%	7.6%	17.1%	16.2%	---
Northfield Ward 2	27.4%	27.2%	13.0%	18.0%	13.4%	---
Northfield Ward 3	24.6%	25.0%	15.3%	23.9%	11.2%	---
Northfield Ward 4	19.3%	37.5%	9.0%	18.1%	16.1%	---
Dundas/Bridgewater	29.1%	35.9%	15.0%	8.2%	11.9%	---
Townships	22.2%	43.1%	6.2%	15.1%	13.3%	---
Less Active/New Voter	27.5%	33.7%	9.7%	15.0%	13.5%	---
Active Voter	24.2%	35.6%	10.1%	15.7%	14.5%	---
Very Active Voter	27.1%	25.4%	13.0%	21.6%	12.9%	---
High School	22.9%	37.1%	14.8%	17.8%	5.9%	---
Some College	39.3%	33.4%	7.5%	5.7%	14.0%	---
Bachelor's	22.7%	36.0%	12.9%	16.1%	12.4%	---
Graduate	23.4%	20.5%	14.9%	20.2%	21.0%	---
HH Income <\$25k	30.2%	43.2%	8.2%	18.4%	0.0%	---
\$25-50k	24.4%	34.4%	8.6%	25.2%	7.4%	---
\$50-75k	27.2%	25.7%	19.2%	19.0%	8.9%	---
\$75-100k	22.3%	34.4%	12.7%	17.5%	13.1%	---
\$100-150k	30.2%	29.6%	7.0%	17.3%	15.9%	---
>\$150k	21.8%	35.0%	11.7%	16.2%	15.4%	---
Homeowner	25.9%	32.2%	13.3%	15.4%	13.1%	---
Renter	25.6%	32.2%	4.4%	20.4%	16.3%	---

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Q10. Lighting fixtures would be updated to improve the classroom learning environment.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	25.9%	38.9%	9.0%	14.9%	10.9%	0.4%
Male	23.7%	41.2%	9.1%	14.8%	11.2%	---
Female	28.0%	36.8%	8.9%	15.0%	10.5%	---
Parent	33.1%	45.3%	5.3%	12.2%	4.1%	---
Non-Parent	23.4%	34.3%	11.6%	18.1%	12.6%	---
Alumni Parent	23.6%	40.2%	8.3%	12.6%	13.9%	---
Age 18-34	27.4%	45.8%	8.6%	12.9%	5.3%	---
35-44	33.0%	38.6%	7.6%	16.2%	4.6%	---
45-54	30.5%	38.5%	9.5%	11.8%	8.2%	---
55-64	22.7%	40.9%	10.6%	12.1%	13.7%	---
65+	20.5%	31.1%	8.9%	19.3%	19.3%	---
Northfield Ward 1	27.6%	41.7%	6.2%	15.9%	8.6%	---
Northfield Ward 2	28.1%	31.0%	13.0%	15.9%	12.1%	---
Northfield Ward 3	26.7%	39.9%	9.2%	12.3%	10.4%	---
Northfield Ward 4	19.8%	38.4%	10.0%	23.4%	8.5%	---
Dundas/Bridgewater Townships	36.3%	32.8%	10.9%	7.6%	12.4%	---
Less Active/New Voter	25.5%	39.0%	8.9%	17.1%	8.8%	---
Active Voter	25.3%	40.5%	8.7%	12.2%	12.9%	---
Very Active Voter	27.7%	35.6%	9.7%	17.0%	9.9%	---
High School	33.7%	28.3%	12.9%	13.6%	11.5%	---
Some College	34.6%	41.0%	4.7%	8.1%	11.7%	---
Bachelor's	30.4%	35.2%	11.6%	10.4%	12.3%	---
Graduate	16.9%	36.8%	9.0%	24.5%	12.9%	---
HH Income <\$25k	29.9%	46.6%	8.2%	7.7%	7.6%	---
\$25-50k	20.2%	47.6%	8.6%	16.2%	7.3%	---
\$50-75k	23.4%	32.6%	12.7%	21.6%	9.7%	---
\$75-100k	33.2%	33.1%	11.5%	13.6%	7.6%	---
\$100-150k	26.1%	37.9%	6.6%	15.5%	13.2%	---
>\$150k	20.2%	44.7%	10.3%	9.4%	15.4%	---
Homeowner	27.5%	37.7%	10.9%	12.6%	11.3%	---
Renter	20.8%	44.9%	5.3%	23.7%	4.0%	---

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Q11. Accessibility at entrances and throughout the building would be improved for students, staff, and visitors with disabilities.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	41.3%	33.9%	3.6%	12.0%	7.4%	1.8%
Male	37.4%	35.8%	3.4%	12.7%	8.5%	2.2%
Female	44.9%	32.1%	3.9%	11.3%	6.4%	1.4%
Parent	55.5%	28.9%	4.9%	5.6%	4.1%	1.1%
Non-Parent	33.9%	38.3%	5.0%	13.2%	7.3%	2.3%
Alumni Parent	40.1%	31.9%	0.8%	15.3%	10.3%	1.7%
Age 18-34	42.7%	36.1%	4.4%	8.6%	5.4%	2.7%
35-44	46.5%	33.4%	6.3%	10.7%	3.0%	0.0%
45-54	43.9%	35.2%	3.0%	9.6%	6.7%	1.6%
55-64	39.4%	32.2%	3.7%	11.7%	11.5%	1.5%
65+	37.0%	32.3%	1.7%	17.3%	9.8%	1.9%
Northfield Ward 1	43.4%	31.0%	2.2%	16.7%	5.2%	1.4%
Northfield Ward 2	40.2%	34.6%	4.1%	8.8%	11.0%	1.3%
Northfield Ward 3	37.5%	41.1%	5.1%	7.8%	5.4%	3.1%
Northfield Ward 4	32.9%	39.7%	3.0%	17.5%	4.7%	2.2%
Dundas/Bridgewater Townships	43.9%	28.4%	7.7%	7.8%	12.2%	0.0%
Less Active/New Voter	41.1%	33.9%	3.7%	13.1%	5.1%	3.2%
Active Voter	39.1%	33.8%	2.7%	12.9%	9.8%	1.6%
Very Active Voter	45.8%	34.1%	5.3%	8.6%	6.1%	0.0%
High School	39.3%	31.4%	4.1%	10.4%	10.7%	4.1%
Some College	53.7%	27.6%	4.7%	11.2%	2.9%	0.0%
Bachelor's	45.2%	30.1%	3.6%	13.8%	6.1%	1.2%
Graduate	40.6%	37.1%	3.7%	3.1%	15.4%	0.0%
HH Income <\$25k	67.1%	15.3%	0.0%	9.3%	8.2%	0.0%
\$25-50k	37.8%	43.0%	3.1%	7.3%	8.8%	0.0%
\$50-75k	31.0%	43.7%	4.8%	9.6%	8.9%	2.1%
\$75-100k	51.2%	26.2%	3.1%	8.0%	9.3%	2.3%
\$100-150k	38.6%	33.6%	2.5%	16.4%	6.7%	2.4%
>\$150k	42.2%	29.4%	7.9%	12.1%	6.8%	1.5%
Homeowner	42.8%	31.6%	4.3%	10.2%	8.9%	2.1%
Renter	33.2%	45.2%	1.7%	15.2%	2.8%	1.9%

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Q12. The comfort level in classrooms and throughout the building would be improved by installing upgraded temperature control systems.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	27.2%	38.1%	8.0%	12.5%	12.6%	1.5%
Male	29.0%	36.3%	6.5%	12.5%	14.5%	1.1%
Female	25.6%	39.9%	9.4%	12.5%	10.8%	1.8%
Parent	39.0%	43.1%	5.4%	8.4%	4.1%	0.0%
Non-Parent	23.3%	33.1%	12.6%	14.0%	14.6%	2.5%
Alumni Parent	23.5%	41.0%	3.9%	13.8%	16.5%	1.4%
Age 18-34	31.1%	37.4%	10.7%	11.3%	7.8%	1.8%
35-44	31.9%	48.2%	9.2%	4.8%	5.8%	0.0%
45-54	19.6%	51.6%	6.5%	14.1%	6.6%	1.6%
55-64	24.1%	39.6%	10.3%	13.7%	12.3%	0.0%
65+	26.4%	27.0%	4.2%	16.1%	23.6%	2.7%
Northfield Ward 1	33.1%	37.0%	7.2%	8.4%	14.2%	0.0%
Northfield Ward 2	30.4%	27.3%	10.4%	19.3%	9.6%	3.1%
Northfield Ward 3	13.3%	48.1%	10.0%	12.3%	15.0%	1.5%
Northfield Ward 4	23.7%	44.6%	6.8%	13.8%	11.1%	0.0%
Dundas/Bridgewater	39.8%	29.3%	12.9%	1.6%	16.3%	0.0%
Townships	22.5%	43.4%	2.6%	17.4%	10.3%	3.8%
Less Active/New Voter	24.8%	42.1%	8.9%	11.8%	9.4%	3.0%
Active Voter	26.9%	36.9%	7.1%	14.0%	13.9%	1.1%
Very Active Voter	31.5%	34.9%	8.5%	10.6%	14.5%	0.0%
High School	19.0%	41.4%	11.8%	12.9%	13.2%	1.7%
Some College	31.1%	49.6%	5.3%	5.5%	8.5%	0.0%
Bachelor's	35.8%	36.3%	7.1%	5.3%	15.5%	0.0%
Graduate	17.5%	27.6%	12.0%	25.2%	17.7%	0.0%
HH Income <\$25k	8.2%	55.9%	17.6%	18.4%	0.0%	0.0%
\$25-50k	13.3%	49.4%	3.1%	20.0%	14.2%	0.0%
\$50-75k	29.0%	33.3%	11.0%	11.6%	15.2%	0.0%
\$75-100k	29.4%	35.9%	7.7%	11.7%	12.0%	3.3%
\$100-150k	31.5%	32.7%	6.9%	13.8%	12.7%	2.4%
>\$150k	24.1%	43.5%	9.0%	9.5%	13.9%	0.0%
Homeowner	29.0%	35.6%	8.3%	11.9%	13.9%	1.2%
Renter	19.6%	48.5%	6.4%	13.7%	11.8%	0.0%

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Q13. Additional funding would allow completion of major maintenance projects such as HVAC, roofs, and windows that are unaffordable within current maintenance budgets.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	34.4%	34.6%	6.6%	11.0%	12.4%	0.9%
Male	35.4%	33.8%	5.6%	12.4%	11.8%	---
Female	33.5%	35.4%	7.5%	9.6%	13.0%	---
Parent	47.4%	33.9%	6.6%	6.0%	5.0%	---
Non-Parent	26.7%	32.1%	9.8%	13.1%	17.3%	---
Alumni Parent	34.7%	38.6%	2.2%	12.0%	11.8%	---
Age 18-34	32.4%	39.2%	8.9%	8.7%	9.1%	---
35-44	40.3%	36.7%	7.8%	7.8%	7.4%	---
45-54	35.5%	41.7%	5.1%	4.6%	11.4%	---
55-64	40.2%	26.1%	8.3%	13.5%	11.9%	---
65+	30.1%	30.3%	3.4%	16.4%	19.1%	---
Northfield Ward 1	28.7%	38.7%	6.9%	14.0%	10.6%	---
Northfield Ward 2	36.7%	31.0%	7.9%	8.2%	13.4%	---
Northfield Ward 3	27.6%	40.0%	8.1%	8.0%	15.0%	---
Northfield Ward 4	39.6%	23.3%	9.0%	15.9%	12.3%	---
Dundas/Bridgewater Townships	33.0%	39.0%	7.5%	6.3%	14.2%	---
Less Active/New Voter	35.0%	35.9%	6.8%	11.9%	9.7%	---
Active Voter	30.5%	35.3%	7.1%	12.6%	12.9%	---
Very Active Voter	41.5%	31.4%	5.1%	6.4%	15.5%	---
High School	37.5%	32.9%	7.9%	11.6%	10.0%	---
Some College	39.4%	36.2%	4.7%	6.1%	13.6%	---
Bachelor's	41.4%	34.5%	6.2%	9.5%	8.4%	---
Graduate	25.2%	33.7%	8.2%	9.3%	23.5%	---
HH Income <\$25k	29.9%	45.0%	9.3%	7.6%	8.2%	---
\$25-50k	37.0%	36.3%	3.1%	3.9%	19.7%	---
\$50-75k	39.0%	28.8%	11.0%	9.5%	11.7%	---
\$75-100k	31.9%	35.8%	7.9%	13.5%	7.7%	---
\$100-150k	31.1%	36.8%	4.0%	12.2%	15.2%	---
>\$150k	39.7%	28.1%	10.4%	7.3%	14.4%	---
Homeowner	34.9%	34.1%	7.9%	10.4%	12.4%	---
Renter	29.2%	38.1%	5.0%	15.3%	11.0%	---

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Q14. Classrooms would be updated to provide teachers and students with modern and more flexible instructional spaces.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	30.9%	32.9%	7.0%	15.3%	13.7%	0.2%
Male	30.5%	34.3%	5.2%	14.6%	15.3%	---
Female	31.3%	31.5%	8.8%	15.9%	12.2%	---
Parent	44.4%	40.0%	3.6%	5.4%	6.7%	---
Non-Parent	26.5%	28.1%	10.2%	20.2%	14.5%	---
Alumni Parent	26.4%	33.7%	5.5%	16.3%	18.2%	---
Age 18-34	29.0%	39.6%	8.1%	11.9%	11.5%	---
35-44	36.5%	39.7%	8.7%	10.5%	4.6%	---
45-54	38.4%	32.6%	3.2%	15.9%	10.0%	---
55-64	23.6%	36.9%	8.7%	17.6%	13.3%	---
65+	30.7%	20.7%	6.1%	19.5%	22.3%	---
Northfield Ward 1	32.3%	23.7%	7.8%	19.9%	16.3%	---
Northfield Ward 2	27.0%	37.5%	10.3%	10.1%	13.8%	---
Northfield Ward 3	31.7%	34.4%	4.4%	21.7%	7.8%	---
Northfield Ward 4	26.2%	34.4%	9.5%	17.9%	12.0%	---
Dundas/Bridgewater Townships	31.4%	35.1%	9.8%	5.5%	18.1%	---
Less Active/New Voter	30.1%	34.5%	9.8%	11.8%	13.8%	---
Active Voter	30.6%	32.6%	6.5%	13.3%	16.5%	---
Very Active Voter	32.7%	31.0%	4.2%	24.2%	7.9%	---
High School	30.0%	32.1%	8.6%	12.0%	17.4%	---
Some College	39.7%	43.4%	0.0%	2.4%	14.6%	---
Bachelor's	28.3%	37.2%	4.7%	13.3%	16.5%	---
Graduate	24.8%	20.5%	14.9%	27.6%	12.2%	---
HH Income <\$25k	7.7%	67.1%	17.6%	7.6%	0.0%	---
\$25-50k	31.4%	32.8%	3.1%	12.6%	20.1%	---
\$50-75k	38.6%	33.2%	6.3%	8.2%	13.7%	---
\$75-100k	29.1%	35.6%	7.7%	11.9%	14.7%	---
\$100-150k	28.0%	31.7%	6.3%	17.6%	16.4%	---
>\$150k	29.6%	32.0%	8.0%	18.2%	12.2%	---
Homeowner	29.7%	32.8%	7.2%	15.8%	14.2%	---
Renter	31.7%	34.6%	9.1%	16.1%	8.4%	---

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Q15. Science laboratories would be updated to provide modern and effective spaces for hands-on experiments.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	33.6%	34.2%	7.4%	14.3%	10.1%	0.5%
Male	35.3%	30.8%	7.3%	16.3%	10.2%	---
Female	32.0%	37.5%	7.4%	12.3%	9.9%	---
Parent	43.2%	39.5%	2.8%	7.8%	5.8%	---
Non-Parent	28.5%	32.7%	9.2%	17.8%	11.2%	---
Alumni Parent	32.9%	32.1%	8.6%	14.6%	11.8%	---
Age 18-34	28.6%	43.4%	8.8%	12.1%	7.2%	---
35-44	44.9%	31.2%	5.8%	13.5%	4.6%	---
45-54	35.6%	41.3%	1.6%	9.8%	9.8%	---
55-64	33.6%	37.1%	8.7%	8.3%	12.3%	---
65+	32.3%	21.4%	8.8%	22.2%	14.5%	---
Northfield Ward 1	28.5%	40.9%	7.2%	16.0%	7.4%	---
Northfield Ward 2	41.7%	25.4%	8.7%	12.3%	10.6%	---
Northfield Ward 3	32.3%	31.9%	6.0%	19.1%	10.7%	---
Northfield Ward 4	29.0%	33.3%	10.0%	18.8%	9.0%	---
Dundas/Bridgewater	37.0%	34.2%	9.8%	7.0%	10.2%	---
Townships	33.2%	38.0%	3.8%	12.6%	12.4%	---
Less Active/New Voter	29.3%	41.0%	8.6%	10.2%	10.8%	---
Active Voter	31.1%	33.2%	7.8%	16.1%	10.7%	---
Very Active Voter	44.8%	26.3%	4.8%	16.4%	7.6%	---
High School	34.8%	29.4%	10.3%	11.6%	13.9%	---
Some College	54.9%	22.9%	2.5%	10.5%	9.3%	---
Bachelor's	40.7%	36.2%	3.3%	7.1%	11.5%	---
Graduate	24.3%	29.2%	15.6%	21.8%	9.1%	---
HH Income <\$25k	27.3%	36.8%	17.6%	10.7%	7.6%	---
\$25-50k	40.8%	21.4%	9.1%	16.3%	12.4%	---
\$50-75k	44.8%	28.7%	6.3%	10.5%	9.7%	---
\$75-100k	29.7%	37.9%	7.1%	14.4%	9.9%	---
\$100-150k	35.0%	31.7%	7.3%	15.9%	9.3%	---
>\$150k	29.4%	38.4%	6.8%	12.6%	12.8%	---
Homeowner	37.6%	30.5%	6.8%	14.6%	9.7%	---
Renter	23.0%	40.3%	7.5%	18.6%	10.6%	---

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Q16. Special education classrooms and spaces would be updated to better meet the instructional needs of students with disabilities.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	41.5%	35.9%	3.7%	10.4%	8.4%	0.0%
Male	43.2%	36.0%	4.0%	8.4%	8.4%	---
Female	40.0%	35.8%	3.4%	12.3%	8.5%	---
Parent	52.0%	35.3%	3.7%	4.0%	5.0%	---
Non-Parent	33.9%	36.0%	4.6%	15.9%	9.7%	---
Alumni Parent	43.7%	36.2%	2.5%	8.0%	9.5%	---
Age 18-34	41.8%	33.4%	4.3%	14.2%	6.4%	---
35-44	38.9%	44.1%	4.8%	9.1%	3.1%	---
45-54	41.8%	43.7%	0.0%	6.2%	8.2%	---
55-64	50.4%	24.1%	4.9%	8.8%	11.9%	---
65+	37.6%	37.4%	3.7%	10.0%	11.3%	---
Northfield Ward 1	41.5%	36.1%	5.0%	9.9%	7.5%	---
Northfield Ward 2	34.1%	39.8%	4.3%	10.9%	10.9%	---
Northfield Ward 3	38.9%	42.9%	4.8%	9.6%	3.8%	---
Northfield Ward 4	48.3%	33.2%	1.6%	10.2%	6.8%	---
Dundas/Bridgewater Townships	43.3%	33.3%	5.7%	4.0%	13.7%	---
Less Active/New Voter	40.8%	33.3%	3.8%	12.1%	10.0%	---
Active Voter	38.0%	39.0%	3.9%	10.4%	8.7%	---
Very Active Voter	49.8%	33.5%	3.3%	7.8%	5.6%	---
High School	38.6%	34.3%	4.1%	10.6%	12.4%	---
Some College	54.5%	29.0%	2.5%	0.0%	14.0%	---
Bachelor's	46.4%	36.1%	2.4%	6.7%	8.5%	---
Graduate	41.4%	38.3%	4.9%	5.6%	9.7%	---
HH Income <\$25k	40.9%	41.5%	8.2%	9.3%	0.0%	---
\$25-50k	36.6%	51.0%	0.0%	0.0%	12.4%	---
\$50-75k	36.3%	39.4%	6.8%	7.7%	9.7%	---
\$75-100k	41.2%	36.3%	2.3%	11.6%	8.6%	---
\$100-150k	46.8%	32.1%	2.3%	10.0%	8.8%	---
>\$150k	41.3%	29.1%	8.1%	14.1%	7.5%	---
Homeowner	42.8%	35.3%	4.0%	8.1%	9.7%	---
Renter	35.8%	43.2%	1.7%	16.2%	3.0%	---

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Q17. Vocational classrooms and shops would be updated to provide students and staff with appropriate spaces for career exploration.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	40.0%	32.0%	6.0%	13.4%	8.1%	0.5%
Male	41.9%	32.2%	5.2%	12.9%	7.3%	---
Female	38.2%	31.8%	6.7%	14.0%	8.8%	---
Parent	55.6%	26.9%	2.8%	8.0%	6.7%	---
Non-Parent	32.6%	29.4%	8.8%	20.8%	7.8%	---
Alumni Parent	37.9%	39.5%	4.6%	7.7%	9.6%	---
Age 18-34	37.7%	31.2%	6.1%	16.7%	7.3%	---
35-44	52.6%	26.5%	8.5%	6.1%	6.3%	---
45-54	39.6%	40.6%	0.0%	9.9%	9.9%	---
55-64	43.1%	26.0%	6.8%	14.3%	8.4%	---
65+	34.9%	34.7%	6.9%	14.7%	8.7%	---
Northfield Ward 1	44.7%	26.9%	6.2%	15.7%	6.6%	---
Northfield Ward 2	36.4%	29.1%	9.0%	17.3%	8.2%	---
Northfield Ward 3	33.5%	33.8%	9.3%	18.9%	4.5%	---
Northfield Ward 4	35.6%	42.4%	1.2%	12.9%	6.3%	---
Dundas/Bridgewater	39.1%	33.7%	7.8%	5.2%	12.2%	---
Townships	47.5%	29.6%	2.6%	9.8%	10.5%	---
Less Active/New Voter	34.8%	34.3%	6.3%	16.3%	6.7%	---
Active Voter	40.8%	30.0%	6.5%	12.1%	10.6%	---
Very Active Voter	46.1%	32.8%	4.3%	11.9%	4.8%	---
High School	37.5%	35.0%	7.3%	8.6%	9.8%	---
Some College	55.4%	23.3%	2.5%	4.3%	14.5%	---
Bachelor's	47.3%	28.0%	5.0%	11.2%	8.5%	---
Graduate	30.9%	35.7%	12.6%	12.5%	8.3%	---
HH Income <\$25k	47.9%	26.9%	8.2%	17.0%	0.0%	---
\$25-50k	37.8%	46.1%	0.0%	8.8%	7.3%	---
\$50-75k	40.2%	31.1%	8.3%	11.5%	6.8%	---
\$75-100k	37.6%	34.6%	7.6%	11.6%	7.4%	---
\$100-150k	40.9%	30.2%	3.9%	14.6%	10.4%	---
>\$150k	40.7%	27.5%	8.1%	14.5%	9.2%	---
Homeowner	41.5%	30.8%	6.8%	10.6%	9.9%	---
Renter	36.0%	35.2%	5.1%	22.3%	1.4%	---

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Q18. Classroom spaces would be updated to support vocational programs focused on agricultural careers.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	37.7%	30.9%	7.0%	13.1%	10.4%	1.0%
Male	37.5%	33.7%	6.1%	11.8%	9.9%	---
Female	38.0%	28.2%	7.8%	14.3%	10.8%	---
Parent	48.4%	27.3%	2.8%	11.8%	7.6%	---
Non-Parent	29.8%	31.1%	11.6%	15.0%	11.5%	---
Alumni Parent	40.1%	33.4%	4.0%	11.5%	11.0%	---
Age 18-34	35.0%	30.6%	8.0%	14.8%	9.9%	---
35-44	39.7%	36.3%	8.5%	9.3%	6.3%	---
45-54	41.0%	37.5%	3.2%	4.8%	11.5%	---
55-64	42.5%	22.3%	10.2%	14.7%	10.3%	---
65+	35.4%	30.1%	5.2%	16.2%	12.3%	---
Northfield Ward 1	35.8%	29.8%	8.4%	15.6%	10.4%	---
Northfield Ward 2	30.3%	29.5%	9.0%	16.4%	11.9%	---
Northfield Ward 3	33.5%	27.3%	7.6%	16.6%	13.2%	---
Northfield Ward 4	41.6%	29.4%	6.6%	16.5%	5.8%	---
Dundas/Bridgewater	50.0%	28.2%	6.1%	1.8%	13.9%	---
Townships	38.0%	38.9%	4.0%	10.3%	7.6%	---
Less Active/New Voter	37.2%	30.9%	8.0%	11.8%	11.4%	---
Active Voter	34.0%	35.2%	8.1%	10.4%	11.1%	---
Very Active Voter	46.1%	22.1%	3.1%	20.2%	7.3%	---
High School	45.4%	30.7%	7.5%	7.3%	9.1%	---
Some College	47.6%	33.1%	2.5%	7.9%	9.0%	---
Bachelor's	45.3%	25.6%	3.7%	8.7%	16.6%	---
Graduate	24.7%	27.1%	14.7%	19.5%	14.0%	---
HH Income <\$25k	37.6%	26.5%	17.6%	10.7%	7.6%	---
\$25-50k	44.4%	35.7%	0.0%	12.6%	7.3%	---
\$50-75k	45.6%	25.6%	8.3%	9.6%	10.9%	---
\$75-100k	37.0%	31.2%	8.7%	14.4%	7.4%	---
\$100-150k	35.5%	34.1%	6.2%	11.6%	11.1%	---
>\$150k	34.2%	27.0%	6.7%	16.7%	14.0%	---
Homeowner	40.2%	28.4%	7.6%	12.2%	10.4%	---
Renter	26.5%	39.5%	6.7%	19.4%	7.9%	---

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Q19. Music classrooms would be updated and expanded to provide band, choir, and orchestra with additional spaces for performances and rehearsals.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	32.1%	33.5%	7.6%	14.8%	10.8%	1.1%
Male	30.3%	34.6%	4.7%	15.5%	13.2%	---
Female	33.9%	32.5%	10.3%	14.3%	8.6%	---
Parent	35.1%	47.6%	4.5%	3.1%	7.6%	---
Non-Parent	30.8%	27.3%	8.9%	21.3%	10.4%	---
Alumni Parent	31.6%	30.9%	8.3%	15.3%	13.9%	---
Age 18-34	32.7%	38.9%	6.4%	13.1%	7.2%	---
35-44	30.4%	44.4%	10.0%	8.9%	4.6%	---
45-54	37.1%	33.3%	5.4%	12.5%	11.8%	---
55-64	31.0%	33.4%	7.2%	19.0%	9.5%	---
65+	30.7%	23.0%	9.0%	18.3%	17.9%	---
Northfield Ward 1	32.1%	34.4%	7.0%	18.4%	8.0%	---
Northfield Ward 2	33.5%	29.7%	8.7%	11.8%	15.0%	---
Northfield Ward 3	33.4%	33.1%	6.2%	13.2%	14.0%	---
Northfield Ward 4	29.2%	31.9%	11.4%	19.2%	8.3%	---
Dundas/Bridgewater Townships	38.7%	27.9%	7.4%	9.2%	12.5%	---
Less Active/New Voter	31.7%	36.5%	8.3%	10.5%	11.5%	---
Active Voter	31.2%	30.6%	6.4%	17.5%	13.1%	---
Very Active Voter	34.5%	35.2%	9.1%	15.9%	5.3%	---
High School	33.1%	32.6%	5.7%	12.8%	15.7%	---
Some College	42.4%	36.2%	0.0%	7.6%	8.6%	---
Bachelor's	30.8%	36.0%	8.4%	15.2%	9.7%	---
Graduate	23.8%	26.2%	14.5%	18.4%	17.1%	---
HH Income <\$25k	24.4%	42.4%	8.2%	17.3%	7.6%	---
\$25-50k	56.6%	21.8%	5.5%	12.4%	3.7%	---
\$50-75k	32.1%	45.7%	5.8%	4.7%	11.7%	---
\$75-100k	35.0%	31.0%	6.8%	14.2%	13.0%	---
\$100-150k	29.0%	33.1%	9.3%	17.5%	8.6%	---
>\$150k	29.5%	31.7%	5.3%	15.8%	16.2%	---
Homeowner	29.8%	35.7%	7.9%	12.8%	12.1%	---
Renter	31.9%	31.1%	8.7%	23.9%	4.5%	---

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Q20. A new fieldhouse would be built to provide four multi-use courts for basketball, volleyball, tennis, and other indoor sports.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	29.5%	30.1%	6.4%	14.6%	18.3%	1.1%
Male	28.9%	35.0%	3.5%	15.9%	16.2%	---
Female	30.0%	25.5%	9.2%	13.4%	20.4%	---
Parent	43.3%	32.4%	5.8%	7.9%	9.5%	---
Non-Parent	24.9%	27.9%	8.4%	17.7%	19.2%	---
Alumni Parent	24.8%	31.4%	4.1%	15.6%	24.1%	---
Age 18-34	29.2%	39.5%	6.5%	12.2%	9.7%	---
35-44	40.6%	29.4%	5.9%	13.4%	10.6%	---
45-54	34.5%	32.8%	6.8%	9.2%	16.6%	---
55-64	29.5%	28.3%	7.2%	11.8%	23.2%	---
65+	22.0%	20.6%	5.9%	21.7%	29.0%	---
Northfield Ward 1	28.8%	29.6%	6.1%	15.0%	19.2%	---
Northfield Ward 2	25.9%	36.8%	4.3%	13.7%	17.6%	---
Northfield Ward 3	34.6%	27.6%	6.2%	16.2%	15.4%	---
Northfield Ward 4	23.9%	41.1%	6.8%	9.9%	18.2%	---
Dundas/Bridgewater Townships	27.3%	23.7%	11.6%	10.4%	25.2%	---
Less Active/New Voter	31.2%	32.4%	7.1%	16.1%	13.4%	---
Active Voter	28.8%	31.1%	4.9%	12.5%	20.9%	---
Very Active Voter	28.4%	25.0%	8.5%	16.6%	20.4%	---
High School	31.5%	33.3%	8.0%	8.1%	19.1%	---
Some College	28.3%	29.8%	4.7%	16.8%	17.6%	---
Bachelor's	28.5%	29.4%	4.0%	15.9%	22.1%	---
Graduate	24.3%	22.5%	8.5%	13.4%	29.6%	---
HH Income <\$25k	10.8%	56.1%	17.6%	15.6%	0.0%	---
\$25-50k	29.8%	30.6%	0.0%	0.0%	35.8%	---
\$50-75k	26.0%	35.8%	8.4%	7.5%	22.2%	---
\$75-100k	27.5%	26.8%	8.1%	15.7%	19.4%	---
\$100-150k	32.2%	28.8%	4.8%	15.4%	18.0%	---
>\$150k	33.7%	22.8%	7.9%	17.1%	18.5%	---
Homeowner	27.4%	28.1%	6.7%	14.7%	21.8%	---
Renter	22.6%	49.1%	5.8%	12.3%	10.1%	---

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Q21. Expanding athletic gymnasiums and fields would allow school and youth practices to finish earlier in the evening.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	28.0%	31.1%	8.5%	16.6%	15.5%	0.3%
Male	31.9%	31.2%	7.4%	14.6%	14.9%	---
Female	24.3%	31.0%	9.6%	18.5%	16.2%	---
Parent	42.6%	36.7%	4.3%	7.8%	8.5%	---
Non-Parent	22.4%	29.8%	11.2%	21.6%	14.2%	---
Alumni Parent	24.1%	28.4%	8.1%	16.6%	22.8%	---
Age 18-34	29.8%	40.6%	6.2%	16.1%	6.3%	---
35-44	37.2%	28.4%	8.6%	13.6%	12.2%	---
45-54	31.1%	39.4%	6.4%	8.4%	14.7%	---
55-64	27.0%	27.7%	12.1%	20.3%	12.9%	---
65+	20.9%	20.6%	9.8%	20.3%	28.4%	---
Northfield Ward 1	24.2%	42.7%	6.1%	11.1%	15.9%	---
Northfield Ward 2	24.9%	33.8%	10.6%	17.2%	13.6%	---
Northfield Ward 3	28.0%	29.5%	9.3%	19.4%	13.8%	---
Northfield Ward 4	31.4%	29.3%	12.0%	18.6%	8.6%	---
Dundas/Bridgewater	28.8%	23.1%	11.2%	12.7%	24.3%	---
Townships	31.7%	25.2%	3.9%	20.7%	17.1%	---
Less Active/New Voter	27.4%	35.1%	8.4%	15.6%	13.5%	---
Active Voter	27.7%	30.3%	8.2%	17.3%	15.9%	---
Very Active Voter	29.5%	26.8%	9.3%	16.6%	17.8%	---
High School	30.0%	25.1%	8.0%	17.2%	19.8%	---
Some College	15.9%	49.8%	4.7%	10.7%	19.0%	---
Bachelor's	35.9%	26.1%	10.2%	13.3%	14.5%	---
Graduate	20.0%	27.1%	11.4%	20.0%	21.5%	---
HH Income <\$25k	47.9%	19.0%	17.6%	7.6%	7.9%	---
\$25-50k	29.3%	34.9%	0.0%	3.7%	32.1%	---
\$50-75k	16.0%	35.7%	10.5%	20.3%	17.6%	---
\$75-100k	28.1%	29.7%	9.5%	17.9%	13.5%	---
\$100-150k	30.5%	28.9%	8.9%	18.2%	13.4%	---
>\$150k	28.5%	32.4%	7.7%	10.2%	21.2%	---
Homeowner	24.1%	31.8%	9.3%	14.8%	19.6%	---
Renter	28.9%	37.6%	6.0%	23.3%	4.2%	---

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Q22. A new fieldhouse would include a walking or jogging track and pickleball courts available for community use.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	29.9%	31.1%	6.1%	17.9%	13.9%	1.0%
Male	31.0%	31.2%	5.0%	21.5%	10.7%	---
Female	28.9%	31.1%	7.1%	14.5%	16.9%	---
Parent	47.6%	29.5%	5.0%	7.5%	10.4%	---
Non-Parent	22.4%	35.1%	7.4%	21.1%	12.3%	---
Alumni Parent	26.3%	27.1%	5.2%	21.9%	18.8%	---
Age 18-34	34.5%	35.1%	5.6%	15.5%	7.4%	---
35-44	40.5%	27.9%	4.4%	13.8%	12.0%	---
45-54	31.7%	36.7%	6.8%	8.2%	16.6%	---
55-64	28.8%	29.7%	5.3%	18.8%	15.7%	---
65+	20.0%	26.8%	7.6%	26.6%	19.0%	---
Northfield Ward 1	31.8%	29.5%	4.6%	21.7%	11.0%	---
Northfield Ward 2	27.2%	33.1%	5.6%	17.5%	15.5%	---
Northfield Ward 3	28.8%	40.8%	6.2%	16.5%	7.8%	---
Northfield Ward 4	33.1%	33.6%	9.9%	15.1%	6.6%	---
Dundas/Bridgewater	25.1%	24.2%	8.1%	19.3%	23.3%	---
Townships	32.7%	26.8%	3.9%	16.8%	18.5%	---
Less Active/New Voter	31.1%	34.2%	7.2%	13.6%	14.0%	---
Active Voter	27.8%	32.0%	4.9%	18.0%	15.6%	---
Very Active Voter	32.7%	24.9%	6.9%	24.1%	10.2%	---
High School	29.4%	35.0%	6.2%	18.6%	10.8%	---
Some College	22.8%	40.3%	2.5%	9.5%	20.0%	---
Bachelor's	36.6%	28.1%	3.0%	15.2%	17.2%	---
Graduate	26.6%	17.5%	10.1%	28.9%	16.8%	---
HH Income <\$25k	40.6%	33.9%	17.6%	0.0%	7.9%	---
\$25-50k	34.2%	26.1%	5.5%	16.2%	17.9%	---
\$50-75k	22.7%	29.8%	8.4%	24.3%	14.8%	---
\$75-100k	23.2%	32.2%	7.9%	20.5%	14.2%	---
\$100-150k	33.2%	30.0%	5.1%	19.0%	11.0%	---
>\$150k	30.9%	32.3%	4.0%	13.8%	19.0%	---
Homeowner	26.3%	28.2%	6.1%	21.6%	16.8%	---
Renter	27.0%	44.3%	4.4%	17.2%	4.4%	---

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Q23. Safety for students, staff, and visitors would be improved through enhanced security design and improved electronic door monitoring systems.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	47.5%	31.4%	3.3%	9.1%	8.4%	0.3%
Male	46.8%	30.9%	2.6%	10.7%	8.9%	---
Female	48.1%	32.0%	4.0%	7.6%	7.8%	---
Parent	61.2%	23.8%	3.8%	7.3%	4.0%	---
Non-Parent	43.8%	35.4%	4.1%	8.7%	8.0%	---
Alumni Parent	41.7%	32.0%	1.9%	11.2%	12.3%	---
Age 18-34	47.3%	35.7%	3.8%	6.1%	7.2%	---
35-44	47.8%	31.0%	3.3%	12.0%	5.8%	---
45-54	49.1%	33.0%	1.7%	9.8%	6.4%	---
55-64	47.0%	30.9%	4.9%	6.8%	8.5%	---
65+	46.9%	26.8%	2.8%	11.8%	11.7%	---
Northfield Ward 1	51.1%	30.0%	2.7%	7.7%	8.6%	---
Northfield Ward 2	52.9%	30.5%	1.3%	7.0%	8.2%	---
Northfield Ward 3	39.5%	40.9%	1.6%	11.1%	7.0%	---
Northfield Ward 4	46.4%	35.7%	5.1%	7.6%	3.2%	---
Dundas/Bridgewater Townships	44.8%	28.9%	4.3%	10.4%	11.6%	---
Less Active/New Voter	45.8%	34.5%	3.2%	8.7%	7.7%	---
Active Voter	45.2%	29.0%	4.5%	9.6%	10.9%	---
Very Active Voter	54.3%	31.7%	1.1%	8.8%	4.1%	---
High School	36.9%	35.9%	5.5%	8.0%	11.5%	---
Some College	50.8%	20.3%	0.0%	16.3%	12.6%	---
Bachelor's	56.1%	27.2%	2.7%	7.1%	6.9%	---
Graduate	45.3%	35.2%	1.7%	7.2%	10.6%	---
HH Income <\$25k	29.8%	42.6%	9.3%	8.2%	0.0%	---
\$25-50k	44.6%	37.9%	0.0%	8.8%	8.8%	---
\$50-75k	64.3%	21.6%	4.1%	2.3%	7.7%	---
\$75-100k	49.3%	26.8%	3.5%	12.5%	7.9%	---
\$100-150k	44.4%	32.5%	4.1%	8.9%	10.1%	---
>\$150k	43.1%	34.8%	2.8%	9.6%	9.7%	---
Homeowner	45.4%	31.7%	3.1%	10.2%	9.6%	---
Renter	45.0%	37.8%	3.3%	7.8%	4.2%	---

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Q24. If needed improvements to the high school are further delayed, inflation will significantly increase the costs.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	29.8%	30.7%	9.4%	16.6%	11.1%	2.3%
Male	32.1%	28.9%	9.4%	14.5%	12.0%	3.0%
Female	27.6%	32.4%	9.4%	18.7%	10.2%	1.6%
Parent	35.0%	37.5%	6.7%	10.9%	6.7%	3.1%
Non-Parent	24.7%	24.7%	13.1%	21.6%	14.8%	1.1%
Alumni Parent	32.6%	33.5%	6.6%	14.4%	9.5%	3.4%
Age 18-34	24.7%	37.5%	12.6%	14.0%	8.8%	2.6%
35-44	30.9%	27.4%	10.5%	19.5%	10.1%	1.7%
45-54	35.6%	31.7%	3.3%	12.9%	16.5%	0.0%
55-64	30.6%	23.2%	9.8%	19.9%	8.0%	8.6%
65+	31.4%	29.1%	8.4%	17.9%	13.1%	0.0%
Northfield Ward 1	26.8%	32.1%	9.3%	16.2%	14.4%	1.2%
Northfield Ward 2	34.7%	25.9%	9.3%	15.7%	13.0%	1.5%
Northfield Ward 3	34.0%	26.8%	6.0%	18.7%	12.4%	2.2%
Northfield Ward 4	22.3%	31.1%	15.2%	15.6%	10.6%	5.3%
Dundas/Bridgewater	22.9%	39.5%	11.7%	18.6%	5.4%	1.9%
Townships	35.8%	30.2%	6.4%	15.9%	9.4%	2.4%
Less Active/New Voter	32.1%	28.2%	11.8%	16.0%	10.5%	1.5%
Active Voter	26.9%	31.8%	9.1%	17.2%	11.6%	3.3%
Very Active Voter	32.3%	32.3%	6.7%	16.4%	10.8%	1.4%
High School	31.0%	22.6%	13.8%	19.8%	8.2%	4.6%
Some College	32.0%	38.7%	4.7%	12.1%	10.2%	2.4%
Bachelor's	31.0%	33.8%	6.7%	16.4%	10.8%	1.4%
Graduate	24.8%	31.6%	9.5%	14.6%	19.5%	0.0%
HH Income <\$25k	18.7%	46.0%	17.6%	7.6%	0.0%	10.0%
\$25-50k	40.7%	22.3%	12.2%	13.8%	11.0%	0.0%
\$50-75k	36.1%	35.2%	13.2%	11.5%	4.0%	0.0%
\$75-100k	24.9%	32.3%	8.9%	20.4%	10.9%	2.7%
\$100-150k	32.9%	28.4%	6.4%	15.7%	13.7%	2.9%
>\$150k	30.1%	27.9%	10.6%	17.8%	13.7%	0.0%
Homeowner	30.7%	32.5%	9.4%	15.4%	10.2%	1.7%
Renter	18.6%	30.0%	7.2%	24.6%	13.5%	6.0%

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Q25. A geothermal energy system at the high school would reduce operational costs and improve environmental stewardship.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	24.6%	35.5%	7.3%	14.9%	14.9%	2.9%
Male	22.7%	39.6%	8.4%	10.5%	15.8%	3.0%
Female	26.4%	31.5%	6.2%	19.1%	14.1%	2.8%
Parent	30.8%	41.9%	3.6%	10.6%	11.3%	1.7%
Non-Parent	21.8%	30.2%	8.5%	18.4%	17.0%	4.1%
Alumni Parent	23.5%	37.5%	8.5%	13.4%	14.9%	2.2%
Age 18-34	27.6%	41.6%	5.1%	14.0%	8.1%	3.5%
35-44	22.5%	40.7%	6.0%	14.2%	10.4%	6.1%
45-54	28.9%	35.0%	3.1%	14.4%	18.6%	0.0%
55-64	22.3%	38.6%	6.7%	14.1%	15.2%	3.0%
65+	21.7%	25.1%	12.3%	16.7%	22.1%	2.0%
Northfield Ward 1	25.7%	36.3%	6.1%	7.6%	20.2%	4.0%
Northfield Ward 2	24.5%	27.8%	13.0%	20.2%	13.3%	1.3%
Northfield Ward 3	19.4%	43.1%	8.4%	19.7%	4.7%	4.6%
Northfield Ward 4	17.7%	41.2%	6.3%	17.5%	15.8%	1.4%
Dundas/Bridgewater Townships	33.5%	34.1%	7.6%	7.7%	13.3%	3.8%
Less Active/New Voter	23.4%	42.6%	7.7%	14.1%	10.7%	1.6%
Active Voter	23.5%	32.9%	6.3%	15.2%	17.8%	4.3%
Very Active Voter	28.7%	30.1%	8.6%	15.4%	15.2%	2.0%
High School	27.0%	33.5%	12.5%	5.4%	20.1%	1.5%
Some College	34.5%	36.3%	0.0%	18.7%	5.7%	4.8%
Bachelor's	26.4%	35.0%	7.1%	12.3%	19.2%	0.0%
Graduate	19.4%	24.2%	12.2%	21.6%	19.3%	3.3%
HH Income <\$25k	27.1%	37.0%	8.2%	20.1%	7.6%	0.0%
\$25-50k	31.6%	34.0%	3.1%	11.1%	16.5%	3.7%
\$50-75k	17.4%	41.8%	9.0%	12.7%	17.0%	2.1%
\$75-100k	22.2%	34.4%	7.3%	18.1%	14.8%	3.2%
\$100-150k	29.0%	32.5%	6.6%	14.1%	14.6%	3.2%
>\$150k	21.4%	36.0%	10.1%	14.8%	15.4%	2.3%
Homeowner	23.9%	34.5%	8.1%	13.2%	17.1%	3.2%
Renter	21.5%	37.4%	5.3%	19.8%	13.2%	2.9%

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Q26. Increased natural light and improved air quality would positively impact student and staff mental health.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	29.7%	38.7%	7.1%	10.0%	13.3%	1.2%
Male	29.6%	38.0%	8.4%	11.7%	10.9%	---
Female	29.7%	39.4%	5.8%	8.5%	15.6%	---
Parent	36.8%	41.6%	4.5%	8.1%	8.1%	---
Non-Parent	27.3%	36.0%	9.8%	9.0%	16.2%	---
Alumni Parent	27.3%	40.1%	5.5%	12.9%	13.4%	---
Age 18-34	32.7%	41.6%	7.0%	7.0%	9.1%	---
35-44	33.9%	39.7%	7.6%	9.7%	7.7%	---
45-54	29.0%	41.3%	3.2%	14.6%	12.0%	---
55-64	27.8%	43.4%	6.8%	3.0%	19.0%	---
65+	25.8%	31.5%	9.0%	15.0%	17.8%	---
Northfield Ward 1	35.6%	31.6%	6.2%	12.5%	12.7%	---
Northfield Ward 2	33.1%	33.4%	9.0%	8.2%	15.0%	---
Northfield Ward 3	21.6%	47.6%	4.5%	14.2%	8.9%	---
Northfield Ward 4	38.9%	37.5%	5.6%	3.2%	13.2%	---
Dundas/Bridgewater	28.9%	36.8%	13.8%	7.8%	12.7%	---
Townships	20.1%	46.5%	4.5%	12.8%	16.1%	---
Less Active/New Voter	32.0%	40.4%	7.5%	7.4%	11.1%	---
Active Voter	27.0%	37.2%	8.7%	11.3%	14.8%	---
Very Active Voter	31.6%	39.4%	3.1%	11.2%	13.5%	---
High School	16.5%	44.1%	15.0%	11.1%	11.8%	---
Some College	31.1%	45.2%	2.2%	7.0%	14.5%	---
Bachelor's	34.6%	35.1%	2.5%	12.2%	15.6%	---
Graduate	23.6%	34.1%	12.5%	14.2%	13.8%	---
HH Income <\$25k	16.8%	65.7%	9.3%	0.0%	8.2%	---
\$25-50k	25.3%	51.7%	3.1%	3.9%	16.0%	---
\$50-75k	32.9%	29.5%	11.3%	12.8%	11.4%	---
\$75-100k	30.4%	36.6%	5.4%	13.1%	14.6%	---
\$100-150k	32.1%	36.8%	7.6%	8.4%	13.6%	---
>\$150k	22.0%	44.8%	8.5%	10.0%	13.6%	---
Homeowner	27.5%	37.7%	7.1%	12.4%	14.1%	---
Renter	33.5%	42.6%	4.5%	5.7%	10.7%	---

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Q27. Upgraded HVAC systems, energy efficient windows, and LED lighting would reduce operational costs.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	35.5%	34.8%	7.3%	11.5%	10.1%	0.7%
Male	38.1%	31.3%	8.0%	11.6%	9.5%	---
Female	33.1%	38.2%	6.6%	11.4%	10.7%	---
Parent	45.6%	36.2%	6.3%	6.8%	5.1%	---
Non-Parent	27.8%	33.5%	9.5%	14.3%	13.9%	---
Alumni Parent	38.1%	35.6%	5.2%	11.4%	9.0%	---
Age 18-34	32.9%	41.3%	7.8%	8.2%	8.1%	---
35-44	40.0%	38.3%	9.4%	5.0%	7.4%	---
45-54	40.4%	33.3%	4.9%	9.8%	11.6%	---
55-64	32.7%	36.9%	6.4%	9.2%	13.3%	---
65+	35.3%	26.1%	7.5%	19.9%	11.1%	---
Northfield Ward 1	33.0%	40.1%	5.8%	13.7%	7.5%	---
Northfield Ward 2	36.2%	27.5%	10.5%	12.4%	12.1%	---
Northfield Ward 3	32.4%	38.8%	6.1%	12.6%	8.5%	---
Northfield Ward 4	42.6%	27.5%	5.7%	8.1%	14.5%	---
Dundas/Bridgewater	42.7%	28.1%	11.6%	10.1%	7.5%	---
Townships	29.5%	43.7%	5.0%	11.1%	10.7%	---
Less Active/New Voter	36.9%	35.8%	7.6%	10.6%	8.4%	---
Active Voter	30.2%	35.6%	9.1%	12.6%	11.5%	---
Very Active Voter	44.3%	32.0%	3.2%	10.6%	10.0%	---
High School	31.6%	34.5%	14.1%	6.5%	13.3%	---
Some College	39.3%	36.2%	2.4%	9.0%	10.7%	---
Bachelor's	39.0%	36.5%	5.7%	9.1%	9.6%	---
Graduate	30.1%	28.5%	14.2%	15.0%	12.1%	---
HH Income <\$25k	46.3%	28.5%	17.6%	7.6%	0.0%	---
\$25-50k	53.7%	23.4%	3.1%	8.8%	7.3%	---
\$50-75k	39.0%	30.9%	11.7%	7.5%	10.9%	---
\$75-100k	35.0%	35.0%	6.3%	12.7%	11.0%	---
\$100-150k	33.1%	36.3%	6.1%	11.0%	12.0%	---
>\$150k	28.3%	39.1%	10.9%	14.2%	7.6%	---
Homeowner	38.4%	32.1%	8.7%	11.2%	9.1%	---
Renter	30.5%	36.8%	5.3%	14.3%	11.7%	---

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Q28. Increasing natural light and improved air quality would positively impact academic performance.

	Much more likely	Somewhat more	No difference	Somewhat less	Much less likely	No Opinion
All Voters	25.5%	42.8%	8.0%	11.8%	10.5%	1.4%
Male	25.0%	45.5%	6.4%	12.0%	9.7%	1.4%
Female	26.0%	40.2%	9.5%	11.7%	11.2%	1.4%
Parent	36.9%	46.9%	4.5%	3.6%	8.1%	0.0%
Non-Parent	22.1%	38.7%	10.1%	14.0%	11.9%	3.2%
Alumni Parent	21.3%	45.2%	7.8%	15.3%	10.3%	0.0%
Age 18-34	28.3%	44.1%	8.9%	9.7%	6.4%	2.6%
35-44	29.0%	48.0%	8.9%	6.5%	6.1%	1.5%
45-54	31.1%	42.7%	4.7%	9.6%	10.4%	1.5%
55-64	24.0%	50.0%	3.4%	7.3%	15.2%	0.0%
65+	19.2%	35.1%	10.6%	20.1%	14.2%	0.9%
Northfield Ward 1	25.4%	44.8%	5.8%	11.4%	11.3%	1.4%
Northfield Ward 2	33.4%	30.6%	11.4%	12.3%	11.0%	1.3%
Northfield Ward 3	20.1%	48.2%	7.9%	13.6%	8.9%	1.4%
Northfield Ward 4	31.4%	42.3%	3.8%	9.4%	10.0%	3.1%
Dundas/Bridgewater	28.2%	37.0%	14.9%	7.8%	10.3%	1.8%
Townships	16.2%	52.6%	5.2%	15.2%	10.7%	0.0%
Less Active/New Voter	25.5%	43.9%	10.2%	9.4%	9.5%	1.6%
Active Voter	24.6%	44.0%	6.1%	12.9%	11.4%	1.0%
Very Active Voter	27.5%	38.7%	8.5%	13.2%	10.0%	2.0%
High School	19.7%	43.5%	16.8%	6.4%	12.0%	1.5%
Some College	37.1%	40.3%	0.0%	5.7%	16.9%	0.0%
Bachelor's	25.8%	43.1%	5.7%	8.5%	16.9%	0.0%
Graduate	15.7%	43.5%	12.9%	18.1%	6.6%	3.3%
HH Income <\$25k	26.8%	55.7%	17.6%	0.0%	0.0%	0.0%
\$25-50k	29.0%	44.2%	3.1%	3.9%	16.0%	3.9%
\$50-75k	22.8%	39.4%	13.9%	9.9%	12.2%	1.7%
\$75-100k	32.9%	33.9%	8.3%	16.9%	8.0%	0.0%
\$100-150k	25.7%	47.2%	3.0%	9.1%	13.5%	1.5%
>\$150k	14.1%	51.2%	11.0%	14.1%	8.3%	1.2%
Homeowner	23.5%	43.8%	8.4%	12.1%	11.1%	1.1%
Renter	26.5%	39.6%	8.8%	14.2%	7.7%	3.1%

Northfield Public Schools
Community Survey Results
February 2024

Cost Sensitivity

After measuring feedback about the levy proposals, we tested the effects of potential tax impacts on our respondents' level of support. Participants were introduced to the questions with the following language:

"I am going to ask you some questions about the potential costs to fund facility, athletic and activity improvements and projects at the high school. Each question presents you with the annual cost for a home worth approximately \$350,000.

For each one, please tell me if knowing the cost of the proposal would make you support or oppose such a referendum."

Survey participants were given four potential cost levels for the proposed referendum, which were presented in random order in each interview to minimize the tendency for participants to give a response based on what they anticipated the next prompt would be.

Responses to the tax impact questions are shown on the following pages.

Northfield Public Schools
Community Survey Results
February 2024

Q30. Property taxes will increase about \$20 a month or \$240 per year for a home worth approximately \$350,000.

	Favor	Oppose	No opinion
All Voters	66.9%	28.3%	4.8%
Male	67.6%	28.9%	3.5%
Female	66.1%	27.8%	6.0%
Parent	81.4%	16.3%	2.3%
Non-Parent	56.3%	35.2%	8.5%
Alumni Parent	69.8%	28.5%	1.7%
Age 18-34	71.1%	17.7%	11.2%
35-44	79.0%	21.0%	0.0%
45-54	70.5%	26.1%	3.4%
55-64	62.7%	32.4%	4.9%
65+	57.3%	41.6%	1.1%
Northfield Ward 1	67.9%	28.4%	3.8%
Northfield Ward 2	69.9%	28.8%	1.3%
Northfield Ward 3	74.1%	25.9%	0.0%
Northfield Ward 4	65.3%	29.1%	5.5%
Dundas/Bridgewater	68.7%	27.3%	4.0%
Townships	57.5%	29.9%	12.6%
Less Active/New Voter	69.7%	24.5%	5.8%
Active Voter	63.2%	31.5%	5.3%
Very Active Voter	70.2%	27.5%	2.3%
High School	66.7%	27.0%	6.3%
Some College	71.7%	25.0%	3.3%
Bachelor's	64.0%	36.0%	0.0%
Graduate	61.1%	33.2%	5.7%
HH Income <\$25k	66.3%	15.8%	17.9%
\$25-50k	68.1%	31.9%	0.0%
\$50-75k	66.9%	29.1%	4.0%
\$75-100k	68.0%	26.9%	5.1%
\$100-150k	64.3%	31.8%	3.9%
>\$150k	70.0%	26.4%	3.6%
Homeowner	66.5%	30.0%	3.5%
Renter	66.4%	25.6%	7.9%

Northfield Public Schools
Community Survey Results
February 2024

Q31. Property taxes will increase about \$30 a month or \$360 per year for a home worth approximately \$350,000.

	Favor	Oppose	No opinion
All Voters	47.1%	48.1%	4.8%
Male	49.1%	47.4%	3.5%
Female	45.2%	48.8%	6.0%
Parent	61.0%	38.0%	1.0%
Non-Parent	37.2%	53.7%	9.1%
Alumni Parent	49.7%	48.6%	1.7%
Age 18-34	45.9%	43.0%	11.0%
35-44	60.4%	39.6%	0.0%
45-54	60.2%	36.4%	3.4%
55-64	43.7%	51.5%	4.9%
65+	37.7%	61.2%	1.1%
Northfield Ward 1	48.4%	46.4%	5.2%
Northfield Ward 2	57.5%	41.2%	1.3%
Northfield Ward 3	55.6%	44.4%	0.0%
Northfield Ward 4	38.0%	56.5%	5.5%
Dundas/Bridgewater	58.8%	37.2%	4.0%
Townships	28.4%	60.6%	11.0%
Less Active/New Voter	43.1%	51.2%	5.7%
Active Voter	47.2%	47.5%	5.3%
Very Active Voter	52.7%	45.0%	2.3%
High School	45.5%	48.2%	6.3%
Some College	60.6%	39.4%	0.0%
Bachelor's	46.1%	53.9%	0.0%
Graduate	41.6%	52.7%	5.7%
HH Income <\$25k	55.5%	26.6%	17.9%
\$25-50k	43.6%	56.4%	0.0%
\$50-75k	46.8%	49.2%	4.0%
\$75-100k	52.1%	42.8%	5.1%
\$100-150k	47.5%	48.6%	3.9%
>\$150k	50.7%	47.5%	1.8%
Homeowner	48.4%	48.1%	3.5%
Renter	31.3%	59.1%	9.6%

Northfield Public Schools
Community Survey Results
February 2024

Q32. Property taxes will increase about \$40 a month or \$480 per year for a home worth approximately \$350,000.

	Favor	Oppose	No opinion
All Voters	31.7%	64.3%	4.0%
Male	35.7%	61.8%	2.5%
Female	27.9%	66.6%	5.4%
Parent	44.4%	54.5%	1.0%
Non-Parent	24.6%	68.0%	7.4%
Alumni Parent	31.4%	66.9%	1.7%
Age 18-34	25.5%	66.1%	8.5%
35-44	45.3%	54.7%	0.0%
45-54	44.2%	52.4%	3.4%
55-64	34.8%	60.3%	4.9%
65+	24.0%	74.8%	1.1%
Northfield Ward 1	34.7%	62.7%	2.6%
Northfield Ward 2	38.8%	61.2%	0.0%
Northfield Ward 3	41.2%	58.8%	0.0%
Northfield Ward 4	27.6%	66.9%	5.5%
Dundas/Bridgewater	34.8%	61.2%	4.0%
Townships	15.9%	73.1%	11.0%
Less Active/New Voter	26.2%	70.4%	3.4%
Active Voter	32.0%	62.7%	5.3%
Very Active Voter	39.2%	58.5%	2.3%
High School	27.7%	66.0%	6.3%
Some College	40.9%	59.1%	0.0%
Bachelor's	35.5%	64.5%	0.0%
Graduate	24.2%	70.1%	5.7%
HH Income <\$25k	17.7%	64.4%	17.9%
\$25-50k	28.9%	71.1%	0.0%
\$50-75k	35.8%	60.2%	4.0%
\$75-100k	34.5%	60.4%	5.1%
\$100-150k	33.9%	63.7%	2.5%
>\$150k	31.3%	66.9%	1.8%
Homeowner	30.0%	66.9%	3.1%
Renter	24.3%	69.2%	6.5%

Northfield Public Schools
Community Survey Results
February 2024

Q30. Property taxes will increase about \$50 a month or \$600 per year for a home worth approximately \$350,000.

	Favor	Oppose	No opinion
All Voters	17.5%	77.7%	4.8%
Male	21.4%	75.6%	3.0%
Female	13.8%	79.8%	6.4%
Parent	27.0%	70.1%	2.9%
Non-Parent	13.2%	79.5%	7.4%
Alumni Parent	16.0%	81.3%	2.7%
Age 18-34	16.0%	73.6%	10.4%
35-44	18.2%	80.4%	1.5%
45-54	22.5%	72.5%	5.0%
55-64	22.8%	73.6%	3.5%
65+	13.5%	85.4%	1.1%
Northfield Ward 1	14.7%	80.3%	5.0%
Northfield Ward 2	21.5%	78.5%	0.0%
Northfield Ward 3	18.6%	77.8%	3.6%
Northfield Ward 4	19.4%	78.6%	1.9%
Dundas/Bridgewater	23.4%	70.5%	6.0%
Townships	10.2%	78.8%	11.0%
Less Active/New Voter	16.1%	80.8%	3.2%
Active Voter	17.6%	76.0%	6.4%
Very Active Voter	19.5%	76.7%	3.7%
High School	14.9%	80.8%	4.4%
Some College	27.9%	72.1%	0.0%
Bachelor's	22.3%	77.7%	0.0%
Graduate	10.0%	82.8%	7.2%
HH Income <\$25k	27.1%	64.4%	8.5%
\$25-50k	7.9%	92.1%	0.0%
\$50-75k	19.4%	76.6%	4.0%
\$75-100k	18.2%	75.3%	6.4%
\$100-150k	18.4%	76.1%	5.5%
>\$150k	17.3%	80.9%	1.8%
Homeowner	16.9%	79.2%	4.0%
Renter	13.8%	82.9%	3.3%

Northfield Public Schools
Community Survey Results
February 2024

Community Perceptions

The questions in this section measured opinions about the School District itself, rather than specific projects or proposals.

The first question in this section asked respondents to give letter grades to the District. A follow-up question asked respondents for the reasoning behind the grade they gave.

The final question in the survey asked participants for their level of agreement with the following statement:

“I would never vote for a tax increase, no matter what the amount or what the money raised would be used for.”

Agreement with this statement provides a general measure of the level of tax aversion the District would face if it pursued tax increases of any sort.

Northfield Public Schools
Community Survey Results
February 2024

Q5. What grade would you give to the public schools in the Northfield School District?

	A	B	C	D	Fail	No answer
All Voters	29.3%	47.2%	15.3%	3.6%	2.3%	2.3%
Male	25.7%	49.3%	16.1%	2.3%	3.5%	3.0%
Female	32.8%	45.2%	14.4%	4.9%	1.1%	1.6%
Parent	44.1%	46.0%	5.9%	2.2%	1.8%	0.0%
Non-Parent	23.8%	42.6%	22.4%	4.1%	2.4%	4.8%
Alumni Parent	25.3%	54.3%	12.9%	4.2%	2.5%	0.7%
Age 18-34	30.5%	46.4%	11.7%	4.7%	2.4%	4.2%
35-44	39.4%	48.7%	10.3%	0.0%	1.7%	0.0%
45-54	36.3%	44.4%	12.8%	4.9%	1.7%	0.0%
55-64	16.4%	58.8%	13.3%	3.0%	5.1%	3.4%
65+	27.2%	42.3%	23.5%	4.0%	1.1%	2.0%
Northfield Ward 1	32.1%	46.5%	13.4%	2.5%	1.6%	3.8%
Northfield Ward 2	32.3%	41.1%	15.6%	3.8%	2.5%	4.7%
Northfield Ward 3	30.5%	47.5%	13.4%	4.7%	3.8%	0.0%
Northfield Ward 4	26.1%	47.6%	17.9%	1.9%	3.2%	3.2%
Dundas/Bridgewater	34.0%	53.9%	8.1%	3.9%	0.0%	0.0%
Townships	22.0%	48.2%	21.3%	4.8%	2.5%	1.2%
Less Active/New Voter	28.2%	44.5%	16.3%	4.2%	2.1%	4.7%
Active Voter	30.0%	49.6%	12.4%	4.5%	2.3%	1.2%
Very Active Voter	29.6%	46.3%	19.5%	1.0%	2.5%	1.1%
High School	25.0%	54.5%	9.9%	1.7%	6.6%	2.2%
Some College	38.4%	36.4%	14.6%	5.7%	4.8%	0.0%
Bachelor's	29.7%	54.0%	10.5%	4.6%	0.0%	1.2%
Graduate	35.7%	44.7%	14.6%	1.6%	3.4%	0.0%
HH Income <\$25k	29.5%	70.5%	0.0%	0.0%	0.0%	0.0%
\$25-50k	34.3%	42.1%	11.2%	3.6%	8.8%	0.0%
\$50-75k	24.0%	57.0%	9.5%	4.1%	2.8%	2.6%
\$75-100k	35.9%	39.6%	18.9%	3.5%	0.0%	2.1%
\$100-150k	23.5%	53.8%	13.4%	4.6%	2.2%	2.5%
>\$150k	32.9%	42.1%	20.2%	2.4%	2.5%	0.0%
Homeowner	29.4%	48.5%	15.0%	4.0%	2.2%	0.9%
Renter	25.7%	43.5%	19.1%	3.0%	2.8%	5.9%

Northfield Public Schools
Community Survey Results
February 2024

Q6. Which of the following best describes the reasoning behind your decision?

	Financial mgmt.	Leadership & mgmt.	Student behavior	Academic standards	Quality of instruction	Other	No response
All Voters	10.1%	14.1%	9.2%	34.2%	26.4%	3.5%	2.5%
Male	11.0%	14.8%	8.3%	37.5%	21.3%	4.1%	3.0%
Female	9.3%	13.3%	10.0%	31.2%	31.3%	3.0%	2.0%
Parent	8.4%	10.0%	7.3%	36.4%	35.9%	1.9%	0.0%
Non-Parent	12.2%	15.5%	7.1%	32.6%	22.5%	4.7%	5.3%
Alumni Parent	8.6%	15.2%	13.4%	34.7%	24.2%	3.2%	0.7%
Age 18-34	9.2%	15.3%	8.5%	37.4%	21.0%	4.3%	4.2%
35-44	14.5%	10.2%	8.5%	26.9%	38.2%	1.7%	0.0%
45-54	3.2%	20.8%	9.8%	35.6%	27.3%	1.8%	1.6%
55-64	12.2%	12.3%	8.3%	23.7%	33.7%	6.5%	3.4%
65+	11.1%	12.4%	10.3%	39.6%	21.9%	2.7%	2.0%
Ward 1	8.0%	17.9%	4.1%	33.3%	29.8%	3.0%	3.8%
Ward 2	10.6%	10.6%	11.5%	37.0%	23.1%	2.6%	4.7%
Ward 3	9.7%	9.5%	9.9%	33.1%	36.1%	1.6%	0.0%
Ward 4	15.6%	11.1%	12.1%	34.5%	20.4%	1.6%	4.7%
Dundas/Bridge.	11.4%	15.8%	11.3%	31.1%	22.7%	7.7%	0.0%
Townships	7.0%	17.8%	7.8%	35.4%	26.1%	4.7%	1.2%
Less Active/New	10.8%	12.0%	7.4%	35.1%	25.3%	4.7%	4.7%
Active Voter	10.7%	14.9%	12.5%	31.1%	25.9%	3.3%	1.6%
Very Active Voter	7.9%	15.3%	5.1%	39.3%	29.0%	2.2%	1.1%
High School	7.7%	19.5%	8.6%	39.2%	16.9%	5.9%	2.2%
Some College	10.6%	12.9%	2.4%	38.8%	32.8%	2.5%	0.0%
Bachelor's	8.4%	11.2%	12.3%	30.7%	33.6%	2.5%	1.2%
Graduate	11.6%	7.4%	12.3%	39.0%	29.8%	0.0%	0.0%
HH Income <\$25k	0.0%	8.5%	0.0%	55.2%	36.2%	0.0%	0.0%
\$25-50k	8.7%	11.3%	10.7%	49.5%	12.2%	7.7%	0.0%
\$50-75k	5.5%	13.5%	11.0%	40.7%	23.8%	2.8%	2.6%
\$75-100k	9.5%	12.8%	10.3%	35.4%	25.2%	4.7%	2.1%
\$100-150k	10.0%	14.7%	8.6%	32.1%	28.6%	2.9%	3.2%
>\$150k	13.6%	17.2%	11.0%	29.5%	26.1%	2.6%	0.0%
Homeowner	10.2%	14.4%	7.8%	35.8%	28.1%	2.5%	1.2%
Renter	13.5%	9.9%	13.1%	28.3%	23.5%	5.9%	5.9%

Northfield Public Schools
Community Survey Results
February 2024

Q34: I would never vote for a tax increase, no matter what the amount or what the money raised would be used for.

	Strongly agree	Agree	Disagree	Strongly disagree	No opinion
All Voters	3.5%	11.9%	58.1%	21.2%	5.4%
Male	2.5%	13.2%	55.6%	23.1%	5.6%
Female	4.4%	10.6%	60.5%	19.3%	5.1%
Parent	2.2%	5.6%	56.0%	35.1%	1.1%
Non-Parent	4.0%	14.3%	54.6%	17.9%	9.1%
Alumni Parent	3.7%	13.5%	64.5%	14.7%	3.7%
Age 18-34	2.8%	3.2%	57.5%	27.5%	8.9%
35-44	1.7%	4.5%	71.1%	21.2%	1.5%
45-54	1.6%	8.4%	61.3%	25.7%	3.1%
55-64	4.9%	13.0%	60.4%	13.5%	8.3%
65+	5.1%	25.2%	49.8%	16.7%	3.1%
Northfield Ward 1	2.3%	13.6%	52.8%	22.3%	9.0%
Northfield Ward 2	5.0%	10.6%	58.3%	23.3%	2.8%
Northfield Ward 3	1.6%	16.9%	59.8%	21.7%	0.0%
Northfield Ward 4	3.2%	9.7%	58.0%	24.6%	4.5%
Dundas/Bridgewater	6.1%	11.4%	48.7%	27.7%	6.2%
Townships	3.1%	9.4%	68.9%	10.5%	8.1%
Less Active/New Voter	4.4%	9.0%	55.6%	27.2%	3.8%
Active Voter	4.1%	12.4%	55.8%	19.0%	8.7%
Very Active Voter	0.9%	15.0%	66.4%	16.8%	0.9%
High School	1.7%	12.9%	60.1%	23.6%	1.7%
Some College	5.2%	10.8%	56.6%	27.4%	0.0%
Bachelor's	6.1%	11.9%	61.1%	16.6%	4.3%
Graduate	0.0%	19.5%	55.3%	19.4%	5.8%
HH Income <\$25k	0.0%	24.0%	38.1%	37.8%	0.0%
\$25-50k	3.6%	12.3%	60.5%	23.5%	0.0%
\$50-75k	2.0%	6.9%	72.2%	18.9%	0.0%
\$75-100k	6.3%	10.5%	54.9%	21.4%	6.9%
\$100-150k	4.4%	10.5%	55.6%	21.5%	8.1%
>\$150k	1.3%	20.6%	52.7%	19.9%	5.6%
Homeowner	3.9%	13.5%	60.7%	16.7%	5.2%
Renter	4.2%	6.5%	62.3%	21.1%	5.9%

Northfield Public Schools
Community Survey Results
February 2024

Survey Language

The following pages contain the language used in the telephone surveys. Results in the analysis above were grouped into general categories, and do not correspond exactly to the order in which questions were posed to participants. Our analysis uses descriptions of the questions which should allow for ready identification in the survey instrument which follows.

THE MORRIS LEATHERMAN COMPANY
3128 Dean Court
Minneapolis, Minnesota 55416

NORTHFIELD SCHOOL DISTRICT
RESIDENTIAL SURVEY
FINAL JANUARY 2024

Hello, I'm _____ of the Morris Leatherman Company, a national survey research firm located in Minneapolis. We are speaking with a random sample of residents about the Northfield Public Schools. Even if you do not have children currently in the Northfield Schools, the District is interested in your opinions and suggestions. I want to assure you that all individual responses will be held strictly confidential; only summaries of the entire sample will be reported.

- | | |
|---|--|
| 1. Are you registered to vote at this address? | YES.....CONTINUE
NO.....THANK & TERMINATE
UNSURE...THANK & TERMINATE |
| 2. Do you currently have school-aged children living in your household? | YES.....1
NO.....2
DON'T KNOW/REFUSED.....3 |

IF "YES," ASK:

- | | |
|---|---|
| 3. Do any of your children attend one of the Northfield Public Schools? | YES.....1
NO.....2
DON'T KNOW/REFUSED.....3 |
|---|---|

IF "NO," IN QUESTION #2, ASK:

- | | |
|--|---|
| 4. Do you have grown children who attended a Northfield Public School at any time in the past? | YES.....1
NO.....2
DON'T KNOW/REFUSED.....3 |
|--|---|

Students are often given the grades of A, B, C, D and Fail to denote the quality of their work. Suppose the Northfield Public Schools were graded in the same way.

- | | |
|---|--|
| 5. What grade would you give to the public schools in the Northfield School District? | A.....1
B.....2
C.....3
D.....4
FAIL.....5
DON'T KNOW/REFUSED.....6 |
|---|--|

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6. As you think about the grade you just gave, which of the following best describes the reasoning behind your decision?
 (ROTATE AND READ LIST)

- HOW THE DISTRICT MANAGES MONEY.....1
- THE DISTRICT'S LEADERSHIP AND MANAGEMENT.....2
- STUDENT BEHAVIOR.....3
- ACADEMIC STANDARDS.....4
- QUALITY OF TEACHING AND INSTRUCTION.....5
- ELSE (_____).....6
- DON'T KNOW/REFUSED.....7

The School District has been evaluating high school facility issues. The Board continues to evaluate options through public discussions and building tours. Facility improvements include accessibility, HVAC systems, and lighting. Updates to classrooms, laboratories, shops, music spaces, and upgrades to the auditorium and athletic facilities are also being evaluated. After receiving public input, the Board may ask voters to increase property taxes to provide funding to address these high school facility issues.

7. Based on what you know now, would you SUPPORT.....1
 support or oppose a referendum OPPOSE.....2
 to address these high school UNDECIDED (VOL.).....3
 facility issues? REFUSED.....4

I am going to read some statements about the potential high school facility projects and upgrades. For each of these statements, please tell me whether the information would make you much more likely, somewhat more likely, somewhat less likely, or much less likely to support a referendum to fund these projects. **(ROTATE LIST)**

	MML	SML	SLL	MLL	NOD	DKR
8. Indoor air quality would be improved by upgrading ventilation systems.	1	2	3	4	5	6
9. Natural light would be increased in classrooms and throughout the building by installing expanded windows.	1	2	3	4	5	6
10. Lighting fixtures would be updated to improve the classroom learning environment.	1	2	3	4	5	6
11. Accessibility at entrances and throughout the building would be improved for students, staff, and visitors with disabilities.	1	2	3	4	5	6
12. The comfort level in classrooms and throughout the building would be improved by installing upgraded temperature control systems.	1	2	3	4	5	6

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	MML	SML	SLL	MLL	NOD	DKR
13. Additional funding would allow completion of major maintenance projects such as HVAC, roofs, and windows that are unaffordable within current maintenance budgets.	1	2	3	4	5	6
14. Classrooms would be updated to provide teachers and students with modern and more flexible instructional spaces.	1	2	3	4	5	6
15. Science laboratories would be updated to provide modern and effective spaces for hands-on experiments.	1	2	3	4	5	6
16. Special education classrooms and spaces would be updated to better meet the instructional needs of students with disabilities.	1	2	3	4	5	6
17. Vocational classrooms and shops would be updated to provide students and staff with appropriate spaces for career exploration.	1	2	3	4	5	6
18. Classroom spaces would be updated to support vocational programs focused on agricultural careers.	1	2	3	4	5	6
19. Music classrooms would be updated and expanded to provide band, choir, and orchestra with additional spaces for performances and rehearsals.	1	2	3	4	5	6
20. A new fieldhouse would be built to provide four multi-use courts for basketball, volleyball, tennis, and other indoor sports.	1	2	3	4	5	6
21. Expanding athletic gymnasiums and fields would allow school and youth practices to finish earlier in the evening.	1	2	3	4	5	6
22. A new fieldhouse would include a walking or jogging track and pickleball courts available for community use.	1	2	3	4	5	6
23. Safety for students, staff, and visitors would be improved through enhanced security design and improved electronic door monitoring systems.	1	2	3	4	5	6
24. If needed improvements to the high school are further delayed, inflation will significantly increase the costs.	1	2	3	4	5	6
25. A geothermal energy system at the high school would reduce operational costs and improve environmental stewardship.	1	2	3	4	5	6
26. Increased natural light and improved air quality would positively impact student and staff mental health.	1	2	3	4	5	6

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	MML	SML	SLL	MLL	NOD	DKR
27. Upgraded HVAC systems, energy efficient windows, and LED lighting would reduce operational costs.	1	2	3	4	5	6
28. Increasing natural light and improved air quality would positively impact academic performance.	1	2	3	4	5	6

Now that you have heard more information about the potential to raise property taxes to fund projects addressing facility issues at the high school...

29. Would you support or oppose a referendum designed to address the facility issues identified at the high school?	SUPPORT.....1
	OPPOSE.....2
	UNDECIDED (VOL.).....3
	REFUSED.....4

I am going to ask you some questions about the potential costs to fund facility, athletic and activity improvements and projects at the high school. Each question presents you with the annual cost for a home worth approximately \$350,000. For each one, please tell me if knowing the cost of the proposal would make you support or oppose such a referendum. **(RANDOM STARTING POINT)**

IF RESPONSE IS "FAVOR," DO NOT ASK LOWER AMOUNTS; IF RESPONSE IS "OPPOSE," DO NOT ASK HIGHER AMOUNTS.

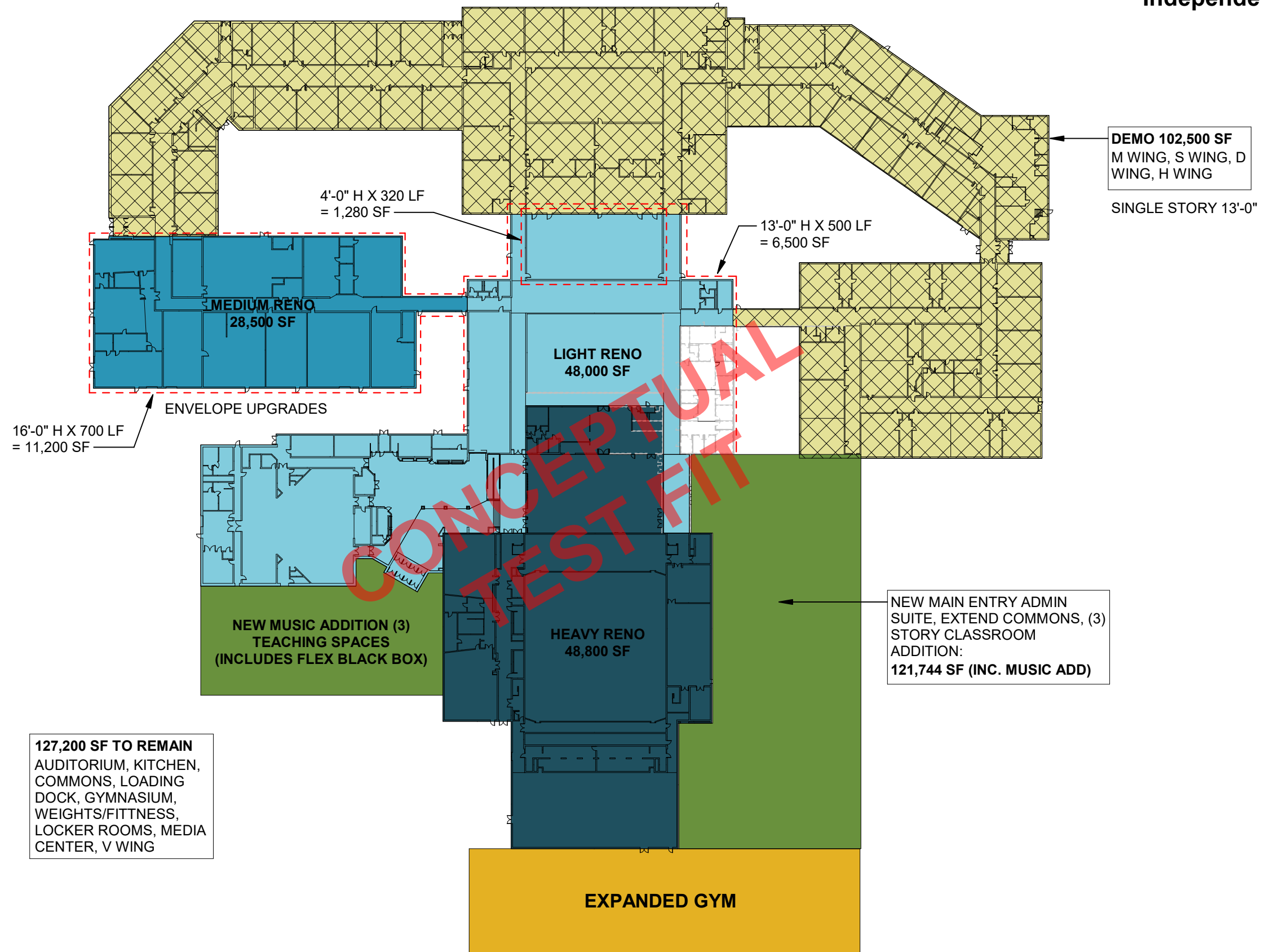
	SUP	OPP	DKR
30. Property taxes will increase about \$20 a month or \$240 per year for a home worth approximately \$350,000.	1	2	3
31. Property taxes will increase about \$30 a month or \$360 per year for a home worth approximately \$350,000.	1	2	3
32. Property taxes will increase about \$40 a month or \$480 per year for a home worth approximately \$350,000.	1	2	3
33. Property taxes will increase about \$50 a month or \$600 per year for a home worth approximately \$350,000.	1	2	3

And last... please tell me whether you strongly agree, agree, disagree, or strongly disagree with the following statement.

34. I would never vote for a tax increase, no matter what the amount or how the money raised would be used.	STRONGLY AGREE.....1
	AGREE.....2
	DISAGREE.....3
	STRONGLY DISAGREE.....4
	DON'T KNOW/REFUSED.....5

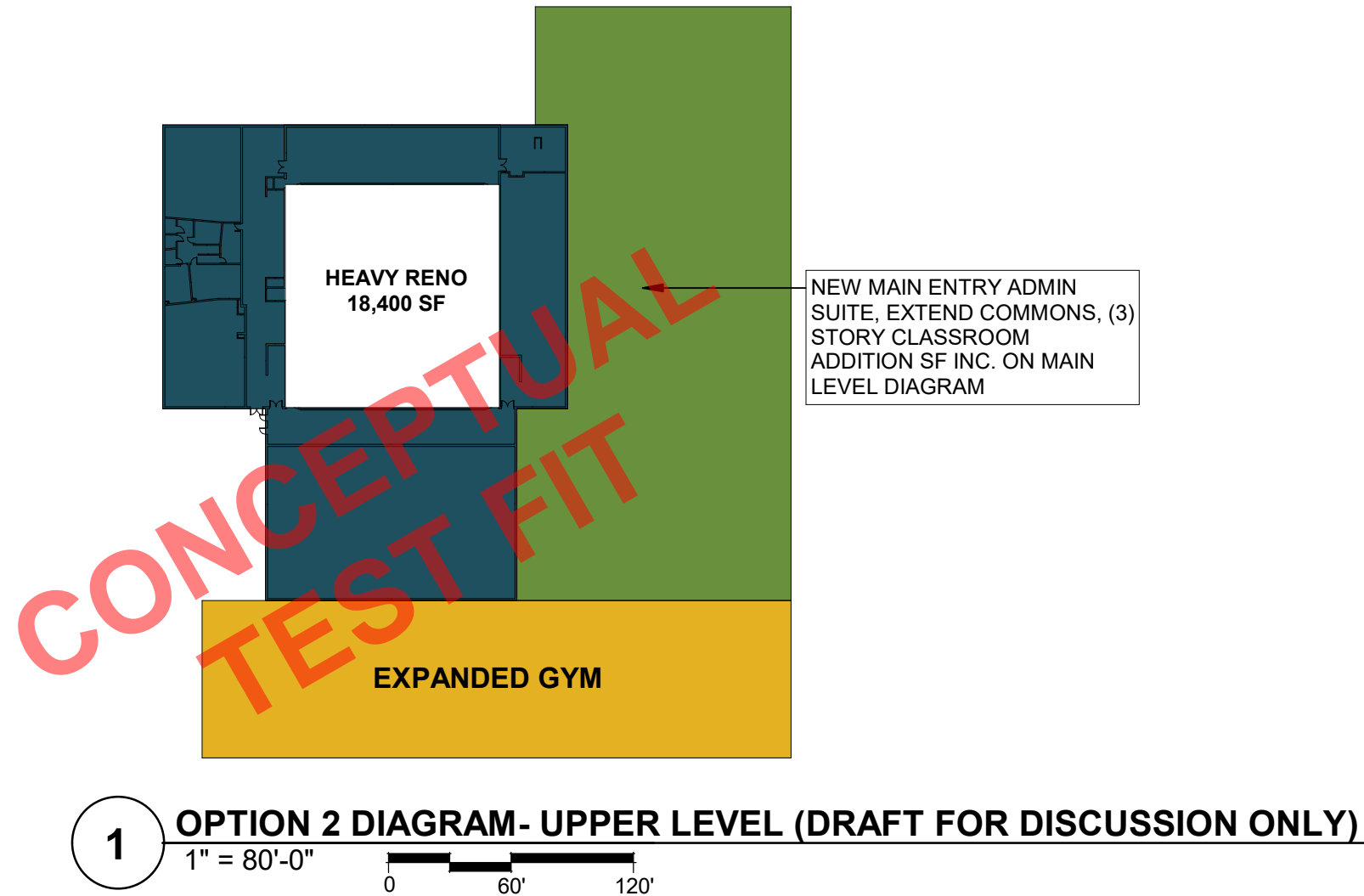
That's the end of the survey. Thank you very much for your time.

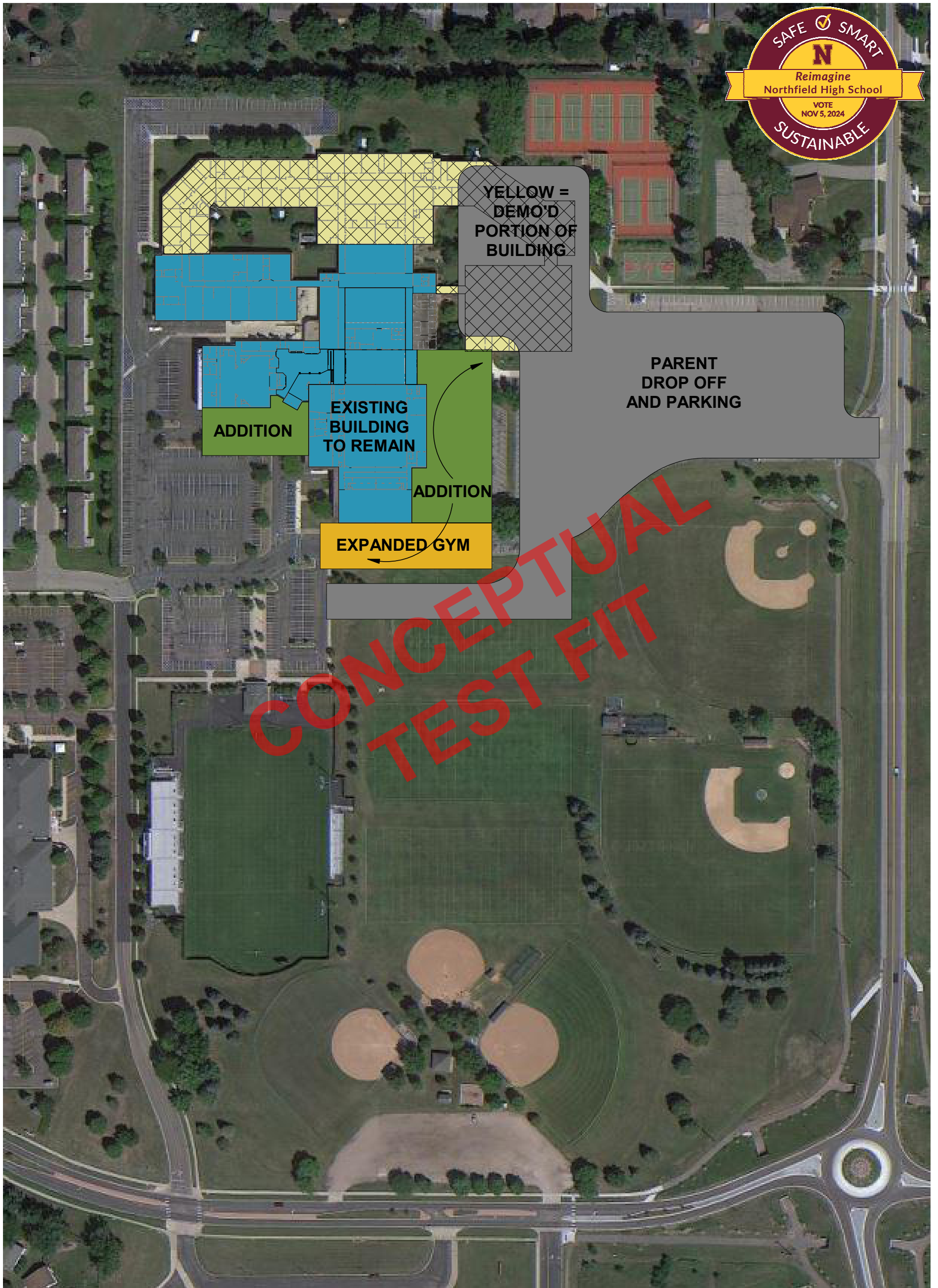
Appendix F:
High School Conceptual Test Fit Diagram



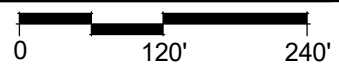
CONCEPTUAL TEST FIT

1 **OPTION 2 DIAGRAM- MAIN LEVEL (DRAFT FOR DISCUSSION ONLY)**
1" = 80'-0"
0 60' 120'





1 **OPTION 2 SITE (DRAFT FOR DISCUSSION ONLY)**
1" = 160'-0"



Appendix G:
DRAFT High School Addition Space Summary



Space Summary for Question 1: High School Reimagine

Note: Does not include Expanded Gym

DRAFT Space Summary for Reimagine Addition Question 1

AREA	Predesign			
GENERAL CLASSROOMS				
Math Classrooms	9	900	8,100	SF
Social Studies Classrooms	9	900	8,100	SF
English / Language Arts Classrooms	9	900	8,100	SF
World Language Classrooms	4	900	3,600	SF
Flex Conference Rooms	4	250	1,000	SF
Flexible Learning Space	4	900	3,600	SF
Teaching Stations	31		32,500	SF
SCIENCE LAB SPACES				
Biology	2	1,500	3,000	SF
Chemistry	2	1,500	3,000	SF
Physics/Multi-purpose	3	1,500	4,500	SF
Resource / Storage	5	300	1,500	SF
Teaching Stations	7		12,000	SF
FACS				
Culinary Arts	1	1,500	1,500	SF
FACS Classroom	1	900	900	SF
Resource/Storage/Laundry	1	400	400	SF
Teaching Stations	2		2,800	SF
BUSINESS				
Classroom	1	1,200	1,200	SF
Teaching Stations	1		1,200	SF
MUSIC				
Band Room	1	3,200	3,200	SF
Choir Room	1	2,000	2,000	SF
Orchestra Room	1	2,000	2,000	SF
Large Instrument Storage	1	250	250	SF
Instrument Storage	1	500	500	SF
Uniform Storage	1	150	150	SF
Offices / Storage	1	400	400	SF
Ensemble	2	400	800	SF
Practice	3	60	180	SF



Space Summary for Question 1: High School Reimagine

Note: Does not include Expanded Gym

Teaching Stations	3		9,480	SF
 SPECIAL EDUCATION				
Resource Rooms	6	600	3,600	SF
ASD/EBD Classroom	1	1,200	1,200	SF
DCD Classroom	1	1,200	1,200	SF
Mild/Moderate Room	1	900	900	SF
Work-Based Learning	1	600	600	SF
Life Skills Area	1	900	900	SF
Sm Group/Sensory	2	200	400	SF
Itinerant Staff Space	1	1,200	1,200	SF
Toilet/Changing	2	80	160	SF
Storage	1	250	250	SF
			10,410	SF
 ADMINISTRATION				
Main Office Reception / Attendance	1	800	800	SF
Principal	1	250	250	SF
Assistant Principals	3	150	450	SF
Athletic Director	1	150	150	SF
AD Assistant	1	120	120	SF
AD Storage	1	150	150	SF
School Resource Officer	1	120	120	SF
Nurse/Cot Room	1	500	500	SF
Large Conference Room	1	300	300	SF
Small Conference Room	1	150	150	SF
In School Suspension (ISS)	1	200	200	SF
Staff Toilets	2	60	120	SF
Quiet Room	1	80	80	SF
Records	1	150	150	SF
Work Room/Mail/Storage	1	500	500	SF
			4,040	SF
 TECHNOLOGY				
Office / Work Area	1	800	800	SF
Device Work Area	1	400	400	SF
Data Closets	12	60	720	SF
Head End Room			180	SF
			2,100	SF



Space Summary for Question 1: High School Reimagine

Note: Does not include Expanded Gym

STUDENT COMMONS

Student Dining	1500 students, 3 shifts	8,570	SF
Concessions / School Store		500	SF
Table Storage		500	SF
		9,570	SF

STAFF SPACES

Staff Lounge		1,000	SF
Staff Toilets	6 60	360	SF
		1,360	SF

TOTAL NET SQUARE FOOTAGE

85,460 SF

NET TO GROSS FACTOR

x 1.4

(Includes mechanical, electrical, public toilets, circulation, and maintenance / janitorial spaces)

TOTAL GROSS SQUARE FOOTAGE

119,644 SF

Appendix H: **Detailed Budget**



November 2024 Referendum - Reimagine NHS Budget Recommendation

Area	Description	Square Feet	Cost per SF	Recommended Construction Budget	Contingency	Soft Costs	Recommended Project Budget	Notes
D/H/S/M Wings	Demolition of D, H, S, M wing	1,691,250	\$ 0.65	\$ 1,099,313	\$ 54,966	\$ 219,863	\$ 1,374,141	102,500 square feet of demo, plus some tunnels (added 10%)
New Construction	Reconstruct Classrooms, Cafeteria/Commons, Music	119,644	\$ 375	\$ 44,866,500	\$ 2,243,325	\$ 8,973,300	\$ 56,083,125	
New Construction	Storm Shelter	12,000	\$ 125	\$ 1,500,000	\$ 75,000	\$ 300,000	\$ 1,875,000	
Renovation	Reconstruct Remaining Uninsulated Envelope from 1964	17,700	\$ 120	\$ 2,124,000	\$ 106,200	\$ 424,800	\$ 2,655,000	
Light Renovation	Auditorium Renovation	n/a	n/a	\$ 3,151,956	\$ 157,598	\$ 630,391	\$ 3,939,946	
Medium Renovation	Medium Renovation of V Wing	26,500	\$ 220	\$ 5,830,000	\$ 291,500	\$ 1,166,000	\$ 7,287,500	
Light Renovation	Light Renovation of Media Center & other remaining space	25,300	\$ 125	\$ 3,162,500	\$ 158,125	\$ 632,500	\$ 3,953,125	
Heavy Renovation	Gymnasium Renovation	12,650	\$ 125	\$ 1,581,250	\$ 79,063	\$ 316,250	\$ 1,976,563	
Heavy Renovation	Music Rooms Renovation	6,800	\$ 220	\$ 1,496,000	\$ 74,800	\$ 299,200	\$ 1,870,000	
Heavy Renovation	Locker Room Renovation	9,875	\$ 336	\$ 3,318,000	\$ 165,900	\$ 663,600	\$ 4,147,500	
Kitchen	Replacement Kitchen Equipment (50%)	1	\$ 700,000	\$ 700,000	\$ 35,000	\$ 140,000	\$ 875,000	
All	New Flexible Furniture	n/a	n/a	n/a	n/a	n/a	\$ 4,045,191	
Site	Parking Lot	n/a	n/a	\$ 3,118,581	\$ 155,929	\$ 623,716	\$ 3,898,227	
Site	Reconstruct Tennis Courts	n/a	n/a	\$ 1,480,000	\$ 74,000	\$ 296,000	\$ 1,850,000	
							\$ 95,830,316	
Question 2								
New Construction	Expanded Gym (4 station)	39,500	\$ 380	\$ 15,010,000	\$ 750,500	\$ 3,002,000	\$ 18,762,500	
							\$ 18,762,500	
Question 3								
New Construction	Geothermal			\$ 5,600,000	\$ 280,000	\$ 1,120,000	\$ 7,000,000	
							\$ 121,592,816	