



Steering Committee #6

Agenda

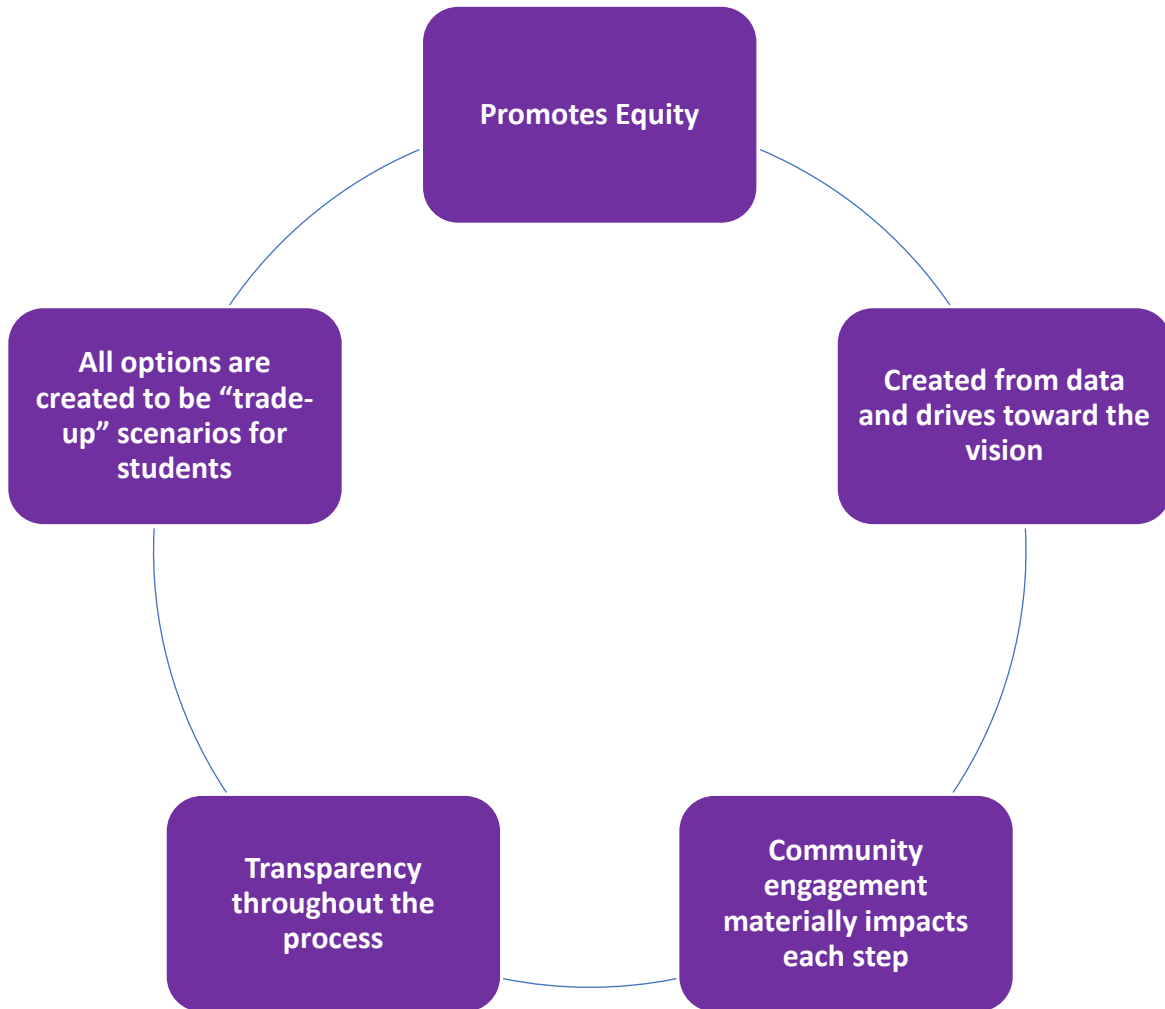
- 1 Welcome
- 2 Long-Range Facility Plan Recommendations
- 3 Plan Implications, Phasing, and Investment
- 4 Where do we go from here?



FARGO PUBLIC SCHOOLS

Educating and Empowering All Students to Succeed

Planning Guidelines and Plan Goals



Goals

- Increase the overall utilization (*Goal is ~85%*)
- Provide a more balanced diversity across the portfolio
- Provide students with equitable access to staff/resources and space they need on a daily basis so they do not have to share with another school
- Gain operational efficiencies
- Schools to be financially sustainable
- Provide locations for current and expanding programs
- Improve the teaching and learning environment for all students and staff.
 - Address the condition needs throughout the portfolio.
 - Improve the educational adequacy across the portfolio.



Long-Range Facility Plan - *Recommended*

Long-Range Facility Plan Recommendations

Plan Recommendations

Phase 1: First Five Years

- Build New Elementary School: Consolidate Horace Mann, Roosevelt, and Madison Elementary Schools
- Remodel/Addition to Clara Barton: Consolidate Clara Barton and Hawthorne Elementary Schools
- Rebuild Washington Elementary: Consolidate McKinley and Washington Elementary Schools
- Build New Middle School on Current McKinley Elementary Site to Replace Ben Franklin Middle School
- Rebuild Dakota High School/Adult Learning on Current Agassiz Site
- Rebuild Lewis & Clark Elementary School
- Build New Early Childhood Center on Lewis & Clark Elementary Site
- Build New Self-Directed Academy (K-8)
- Ongoing Deferred Maintenance Projects throughout the District

Phase 2

- Longfellow Addition
- Self-Directed Academy Expansion
- Ongoing Deferred Maintenance Projects throughout the District

Phase 3

- New South Middle School
- Ongoing Deferred Maintenance Projects throughout the District

Additional Recommendations

- Redistricting and Boundary Study
- Maintenance and Operations Budget
- Plan Renewals



Central – NEW Self-Directed Academy (K-8) on Madison Site

- Built on the current Madison Elementary School site
- Size = Approximately 30,000 square feet
- Space to expand as enrollment increases
- Enrollment = 240 K-8 students



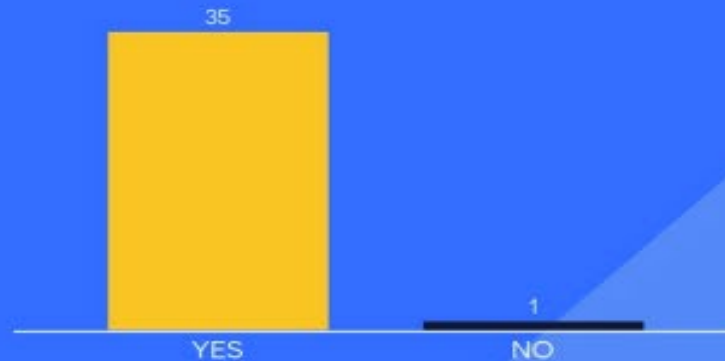
Considerations

- The Madison site combined with adjacent park space is 12.5 acres.
- Larger site accommodates proper parking, pickup/drop-off, additional site amenities etc.
- No students are displaced during construction.
- The Madison site will have a school in the neighborhood.
- The Self-Directed Academy provides an opportunity for students to attend K-8 in the Madison neighborhood.
- District to provide services and support necessary for the current Madison Elementary School students and families.

Steering Committee #6 Voting Results



**Consolidate HM/R and Madison and
build NEW Self-Directed Academy (K-
8) on Madison site**



North – NEW Elementary School on Horace Mann Site

Elements	Current: Horace Mann, Roosevelt, Madison (Combined)	Proposed Plan	District Average (Excludes proposed consolidated schools)
Current Enrollment	486	486	450
Projected Enrollment (2029)*	476	476	449
Capacity	832	450	565
Utilization	57%	106%	80%
Average Age (years)	96	0	43
Class Size (average)	17.4 (23 at capacity)	19.8 (22 at capacity)	19.8
Total Square Feet	134,824	60,000	79,563
Educational Adequacy	Average: 71% (\$14,632,505)	95%-100%	85%
Condition (FCI)	Average: 47% (\$37,489,680)	0%	33%
Cost	\$52,122,185	\$30,000,000 (\$500 per square foot)	

Note: Proposed utilization is prior to redistricting.

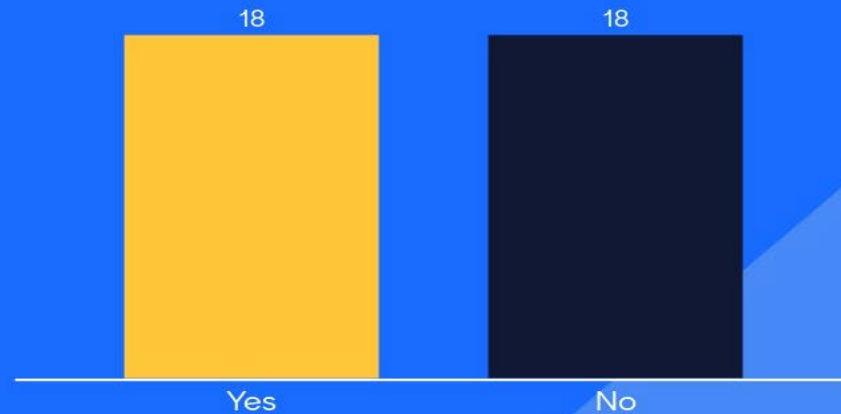
Considerations

- Horace Mann neighborhood keeps their elementary school.
- Construction could begin right away with new building constructed on a different part of the current site.
- Three section, two story building.
- Students are not temporarily displaced.
- Shared staff together in one building.
- Operational efficiencies.
- Positive return on investment.
- Projected north utilization = 88%.
- Half the energy consumption annually. (Saves ~\$100,000)

Steering Committee #5 Voting Results



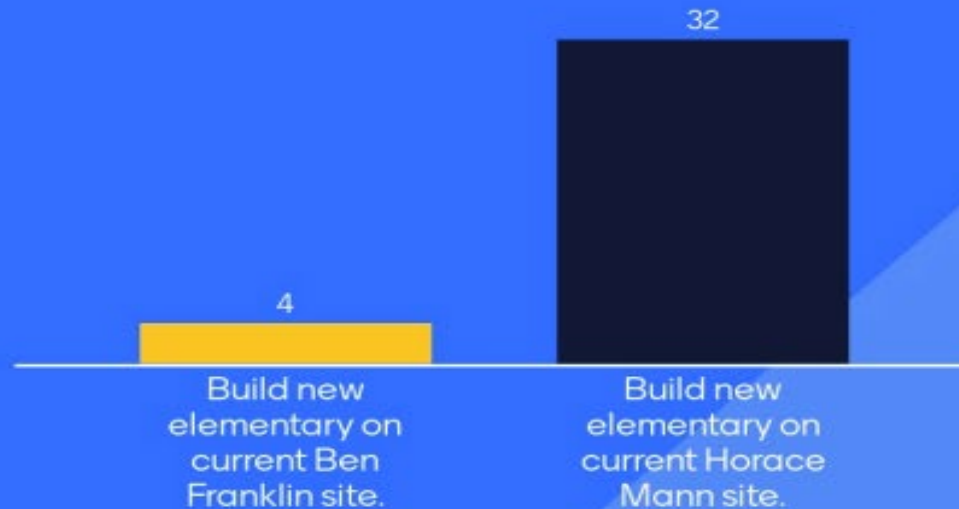
**Consolidate Horace Mann, Roosevelt,
Madison and build NEW elementary on Ben
Franklin site**



Steering Committee #6 Voting Results



Consolidate HM/R and Madison and Build NEW Elementary School



Plan Implications, Phasing, and Investment

Plan Implications: Walkability

School	Total Students Attending	Current		Proposed	
		Students Attending and Living within 1/2 Mile	% Students Attending and Living within 1/2 Mile	Total Elementary Students (PK-5) Within 1/2 Mile	% Students Attending and Living within 1/2 Mile
Bennett	630	15	2%		
Centennial	621	14	2%		
Clara Barton	160	42	26%	88	55%
Eagles	306	9	3%		
Ed Clapp	433	44	10%		
Hawthorne	168	24	14%	x	
Horace Mann	159	31	19%	67	42%
Jefferson	291	49	17%	52	18%
Kennedy	452	18	4%		
Lewis & Clark	437	42	10%	44	10%
Lincoln	321	24	7%		
Longfellow	384	65	17%	68	18%
Madison	139	34	24%	x	
McKinley	158	51	32%	x	
Roosevelt	181	29	16%	x	
Washington	311	40	13%	41	13%

Transportation Annual Costs

- Current in-town route is \$58,000 minimum to \$66,000+ annually.
- Special Transportation route is approximately \$68,500 annually.

Plan Implications: Staffing

Action	Total staff members currently	Total staff members after action	Difference
Consolidate Washington and McKinley	52.67	44.64	-8.03
Consolidate Clara Barton/Hawthorne	31	29	-2
Consolidate Horace Mann/Roosevelt and Madison	72.11	53	-19.11

Staff Implication Notes

Washington: The savings is combining sections, and reduced travel and efficient scheduling. This building would still be Title I by this year's numbers.

Clara Barton: The savings is from reduced travel and more efficient scheduling of sections for specials.

New North Elementary: This staffing varies year to year based on student needs for special education services. This site would be Title I.

- Annual elementary attrition rate is about 75 staff.
- All teachers will be able to teach with other grade level teachers to collaborate about lesson plans, professional development, etc. Some teachers at Madison and McKinley currently do not have this opportunity.
- Share Staff Between Buildings = Students would benefit from a more flexible schedule due to the increased availability of full-time teachers within the building, enhancing scheduling flexibility and educational opportunities.

Plan Implications: Energy Consumption

Building	Square Footage	Electric Usage (kWh)	Electric Cost (\$)	Nat Gas (Therms)	Nat Gas Cost(\$)	Water Use (Gals)	Water Cost (\$)	Total Utility Cost (\$)	Projected Savings
Horace Mann ES	43,856	333,120	\$39,850	19,818	\$19,431	169,000.00	\$1,061	\$60,342	
Roosevelt ES	46,943	398,880	\$48,621	25,984	\$23,993	379,000.00	\$2,479	\$75,092	
Madison ES	44,025	352,640	\$45,412	14,880	\$14,936	217,000.00	\$1,363	\$61,710	
Total	134,824	1,084,640	133,883	60,682	58,360	765,000	4,903	197,144	
Consolidated North ES	60,000	500,000	\$65,000	30,000	\$29,700	750,000	\$3,525	\$98,225	\$98,919

- Projected utilities are based on Ed Clapp (84,000SF)
- 10-year savings = ~\$1 million
- Electric and Natural Gas cut in half

Educational Research – Impact Learning Environment Has on Student Outcomes

Building Quality

[Visible Learning - Building quality Details \(visiblelearningmetax.com\)](https://visiblelearningmetax.com)

Overview

- **Influence:** Building quality
- **Domain:** School
- **Sub-Domain:** School resourcing
- **Potential to Accelerate Student Achievement:** Likely to have positive impact
- **Influence Definition:** The quality of the school buildings.

Evidence

- **Number of meta-analyses:** 1
- **Number of studies:** 594
- **Number of students:** 0
- **Number of effects:** 594
- **Weighted mean effect size:** 0.24
- **Robustness index:** 3



Meta-Analyses

Journal Title	Author	First Author's Country	Article Name	Year Published	Variable	Number of Studies	Number of Students	Number of Effects	Effect Size
Education Finance and Policy	Gunter & Shao	USA	synthesizing the effect of building condition quality on academic performance.	2016	Quality of condition of building	594	0	594	0.24
TOTAL/AVERAGE						594	0	594	0.24

City – Parks – School Collaboration



- Regular Meetings between three entities
- Continued meetings coordinating School LRFP and City Growth Plan
- Working with Neighborhoods
 - “Defining Your Neighborhood” Joint effort
 - Growth Plan Outreach
 - Parks Strategic Planning

District – Recommended Plan Investment and Timeline

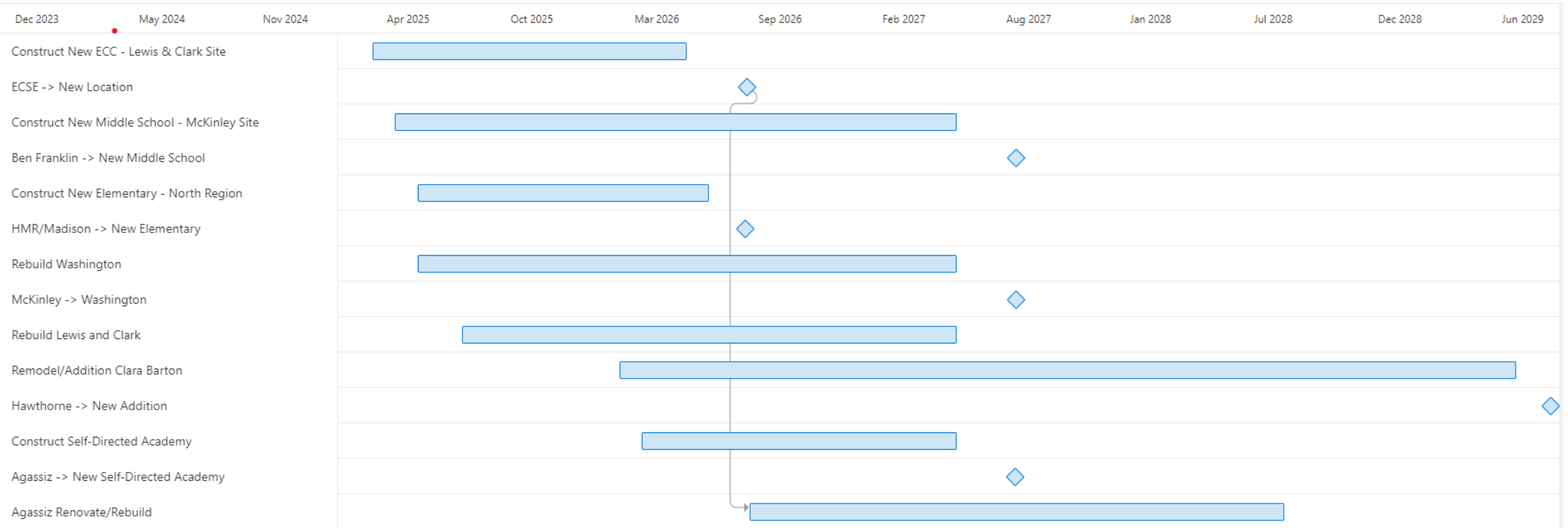
	School Name	Strategy	Budget	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	
Phase 1	HM/R/Madison Elementary	Replacement School	\$30.0M																
	Ben Franklin Middle School	Replacement School	\$105.0M																
	Early Childhood Center	NEW Construction	\$15.0M																
	Washington/McKinley Elementary	Rebuild	\$37.5M																
	Self-Directed Academy	NEW Construction	\$15.0M																
	Dakota HS/Adult Ed	Rebuild on site	\$18.6M																
	Lewis & Clark	Rebuild	\$37.5M																
	Centennial and Lincoln	Deferred Maintenance	\$20.0M																
	CB/Hawthorne Elementary	Remodel Addition	\$30.0M																
Phase 2	Longfellow Addition	NEW Const/Defer Maint	\$18.0M																
	Self-Directed Academy Expansion	NEW Construction	\$15.0M																
Phase 3	NEW South Middle School	NEW Construction	\$105.0M																
	Projects Subtotal		\$446.6M	\$0.0M	\$87.5M	\$108.7M	\$86.2M	\$18.7M	\$7.5M	\$16.5M	\$16.5M	\$0.0M	\$0.0M	\$35.0M	\$35.0M	\$35.0M	\$0.0M	\$0.0M	

Note: Schedule dependent upon bond approval and school board approval of individual projects.

Proposed Project Descriptions - Phase One	Project Cost (2025 Pricing)	Condition (15yr) & Ed Adequacy Needs (*2025 Pricing)	Difference
NEW middle school on McKinley site [225,000SF x \$465/SF, Capacity = 1,100].	\$ 105,000,000	\$ 60,792,252	\$ 44,207,748
Rebuild Washington on current site [75,000SF x \$500/SF, Capacity = 550]. Consolidate Washington with McKinley.	\$ 37,500,000	\$ 39,281,589	\$ (1,781,589)
NEW elementary school [60,000SF x \$500/SF, Capacity = 450]. Consolidate Horace Mann, Roosevelt & Madison.	\$ 30,000,000	\$ 56,654,549	\$ (26,654,549)
Rebuild Lewis & Clark ES [75,000SF x \$500/SF, Capacity = 550].	\$ 37,500,000	\$ 25,400,697	\$ 12,099,303
NEW elementary school on current Clara Barton or Hawthorne site [60,000SF x \$500/SF, Capacity = 450]. Consolidate Clara Barton & Hawthorne.	\$ 30,000,000	\$ 32,303,079	\$ (2,303,079)
Build NEW ECC [30,000 x \$500/SF] Built on Lewis & Clark site.	\$ 15,000,000		\$ 15,000,000
Deferred Maintenance at Centennial and Lincoln	\$ 20,000,000	\$ 20,000,000	\$ -
Build Self-Directed Academy K-8 on Madison site [30,000SF x \$500/SF, Capacity = 240].	\$ 15,000,000		\$ 15,000,000
Rebuild Dakota HS/Adult Ed on Agassiz site [40,000SF x \$465/SF].	\$ 18,600,000	\$ 34,264,645	\$ (15,664,645)
Demolition/Abatement [574,797 SF x \$10/SF] Ben Franklin, Washington, Lewis & Clark, Madison, Agassiz	\$ 5,700,000		\$ 5,700,000
Total Cost of Investment	\$ 314,300,000	\$ 268,696,811	\$ 45,603,189

Total of 8 new buildings:
 1 new Middle School
 1 new Early Childhood Center
 4 new Elementary Schools
 1 new Alternative High School
 1 new building for Self-Directed Academy

District – DRAFT Phase One Timeline



- Schedule is preliminary and subject to adjustments.
- Represents the soonest possible outcomes.
- Schedule dependent upon bond approval and school board approval of individual projects.

District – Recommended Plan

High School

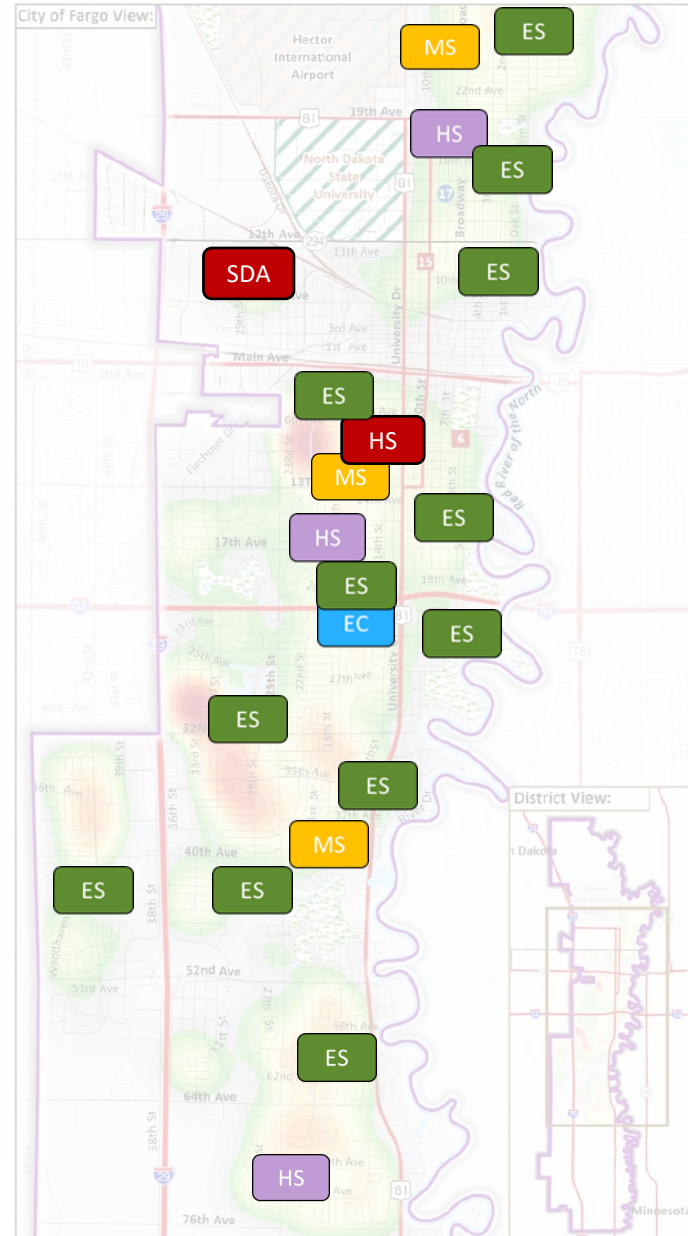
Middle School

Elementary School

Early Childhood

Alternative Program

Buildings/Sites to receive priority maintenance over the length of the entire plan: North, Davies, South, Discovery, Carl Ben Eielson, Longfellow, Bennett, Centennial, Kennedy, Ed Clapp, Lincoln, Jefferson, and Eagles.



Portfolio End State

12 Elementary Schools

3 Middle Schools

3 High Schools +

Alternative High School

Early Childhood Center

Self-Directed Academy

Not shown:

Explorer Academy

Trollwood Performing Arts

Final Report Review



FARGO PUBLIC SCHOOLS, FARGO, ND

June 2024

LONG-RANGE FACILITY PLAN

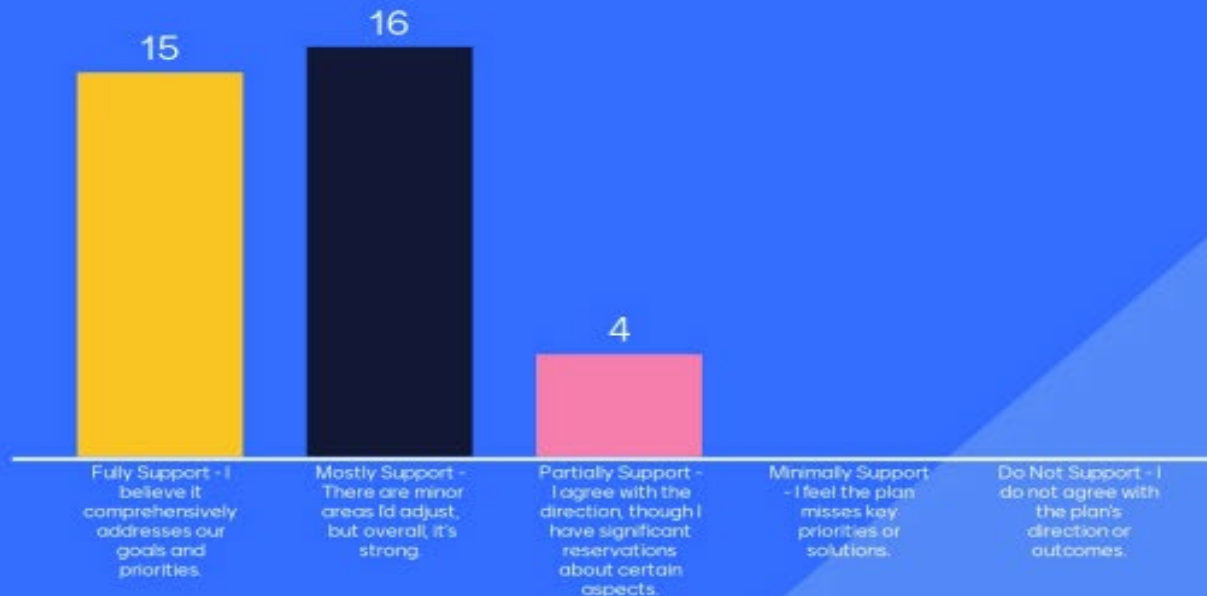
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Steering Committee #6 Voting Results



Support for the Overall Plan





Next Steps

Project Timeline

Where do we go from here?

- May 23 - Board Work Session
 - *Steering Committee volunteers to help present*
- 1st Reading by the Board
- Final Board Approval
 - *Steering Committee volunteers to help present*

Thank You!