"Attachment A" to 2023-24 LRFP

Long-Range Facilities Plan 2024-25 Update



BACKGROUND

OE-11, Facilities and Capital Assets, sets forth the Board's expectations and requirements of the Superintendent and includes the requirement for a Long-Range Facility Plan and its annual update. It specifically requires the update to include the following:

- Capital Projects
- Enrollment
- Building Capacity and Utilization

This document is the update to the District's extensive 2023/24 Long-Range Facilities Plan, prepared during 2022 and 2023 and approved by the Board in early 2024. The work to create this plan included reconvening the Facilities Planning Committee (FPC), a series of facilitated meetings, community outreach, and a community survey to assist in making an informed recommendation to the Board in the fall of 2023. In summary, the outcome of this work and the direction from the Board in January 2024 included:

Prepare for a potential Bond in April of 2025 that would include completing the work of the 2014 Bond by replacing the 100/200 and 300 buildings at Islander Middle School (IMS), providing select program improvements at Mercer Island High School (MIHS), along with any "Must-Do" projects and additional recommendations. The Board requested that this work include students, staff, parents, and community groups to determine the right solutions. Architects, engineers, and cost estimators should be engaged to provide Concept Designs and cost estimates to support a potential bond package.

Complete a series of Cap/Tech projects with a focus on improvements at the three older elementary schools: Island Park (IPE), Lakeridge (LRE), and West Mercer (WME), along with various other district-wide improvements.

CAPITAL PROJECTS

BOND PROJECTS

The Board approved the 2023/24 LRFP on January 25, 2024, and staff began the Concept Design work immediately after. A leadership team including the school principal, a school staff member, a representative from learning services, and representatives from District finance, maintenance, and capital projects, and a site-based committee comprised of students, staff, and community members were established for each project to provide input on solutions and priorities. Key dates in the process include:

- January 31, 2024: Request for Qualifications (RFQs) from architects was published in The Daily Journal of Commerce and the Mercer Island Reporter
- **February 21, 2024**: Statements of Qualifications (SOQs) were received from architects for both the IMS and MIHS Concept Design work
- March 5, 2024: Three architectural firms were interviewed for MIHS
- March 7, 2024: Four architectural firms were interviewed for IMS
- March 28, 2024: Board Study Session: Update on progress, Middle School Cost Analysis, Procurement Alternatives (GC/CM & DB)
 Board approved contracts with Mahlum Architects and Mithun Architects for MIHS and IMS Concept Design work.
- April, May, & June 2024: Information gathering phase by both teams.
- May 30, 2024: Board Study Session around possible costs for an elementary school and an update on the current Concept Design work Board direction to continue with IMS and MIHS, do not add an elementary school.
- June 20, 2024: Board Meeting update from the design teams for MIHS and IMS The Board directed the continuation of the design and estimating work over the summer.
- July & August: Design, documentation, and preliminary cost estimating by both teams
- August 29, 2024: Board Study Session update from the design teams for MIHS, IMS, Must-Do, and other potential projects and costs <u>The Board provided direction to continue with the design refinement and student, staff, and</u> <u>community feedback. For MIHS, the Board is particularly interested in a prioritized group of</u> <u>improvements vetted with students, staff, and key community groups.</u>
- **September & October 2024**: Design refinement, prioritization, cost estimating, staff, student, and community outreach by both teams.

** Proposed - Subject to Board Approval**

- October 24, 2024: Board update on Concept Design and Bonding with Piper Sandler.
- November 14, 2024: Board update on final recommendations
- December 12, 2024: Board update first reading of Bond Resolution
- January 9 or 23, 2025: Board update vote on Bond Resolution
- January & February 2025: District coordination with King County Elections
- February 21, 2025: Last day for filing with King County Elections for April Vote
- April 22, 2025: Election Day

CAP/TECH LEVY PROJECTS

The District completed a number of Cap/Tech Levy projects during the summer of 2024. A worksheet detailing the costs and budgets is provided at the end of this update. The projects included:

- Carpet Replacement at IPE, LRE, and WME
- Boiler Replacements at IPE, LRE, and WME
- Classroom Door Security Hardware improvements at IPE, LRE, and WME
- Parking lot striping and select asphalt improvements throughout the District
- State of WA Clean Buildings Compliance Auditing & Reporting
- Partial HVAC Control Improvements at needed sites
- Secure Entry (video doorbell) at Crest
- New Teacher Desks at IPE, LRE, and WME
- Department of Ecology stormwater facility maintenance (including the goats at IMS)
- Fencing improvements throughout the District
- Marching Band temporary Stair Tower at JV Field



Elementary School Carpet Replacement



Elementary School Boiler Replacement and New Teacher Desks



MIHS Marching Band Stair Tower



Crest Secure Entry Access



Department of Ecology Stormwater System Maintenance at IMS

2024-25 (summer of 2025) projects are expected to include:

- Interior and Exterior Paint at IPE, LRE, and WME
- Partial Classroom Furniture replacement at MIHS. \$200K is budgeted annually for the next three years to replace classroom furniture. Selection will include significant input from students, teachers, and staff, who will work with an interior designer to establish a standard for various areas in the building.
- Bus Lot Electric Vehicle Charging is currently limited to four stations. Staff is working with an electrical engineer and Puget Sound Energy to develop a bid package allowing the District to charge all buses and service vehicles. Initial construction will include setting

transformers and panels; individual charging stations will be phased and installed as needed, with an expected initial phase during the summer of 2025 or 2026.

- Mary Wayte Pool received a \$2M grant from King County as a 1:1 match with Cap/Tech funds to provide limited, necessary improvements at the facility. Early 2025 will see the selection of the design team and contractor. Construction work is expected to occur during 2025 and 2026.
- Department of Ecology stormwater facility maintenance (including the goats at IMS).

ENROLLMENT (and Demographic Projections)

NOTE that all projections are based on FTE (full-time equivalent)

2024-25 enrollment numbers are a snapshot in time from early September and will change throughout the year.

As detailed in the LRFP, the District engaged two demographers in the fall of 2022 to provide updated enrollment projections. Educational Data Solutions (EDS) (Dr. Les Kendrick Ph.D.) and Davis Demographics each provided three possible scenarios. Version 2 from Davis Demographics, which is similar to the mid-range projection by EDS, was selected as the basis for the LRFP. These projections inform the plan's capacity decisions.

There are essential distinctions between the projections used for long-range facilities planning and those used for annual budgeting. For the purposes of the LRFP, the key is how current enrollment compares to the projections used. Are any adjustments to the capacity of the projects necessary? As detailed below, the District is tracking these projections closely, and no changes appear to be required.

The LRFP Appendix includes the complete studies by both demographers. The last few pages of the Davis study are the Version 2 table; extracts are included below:

	Historic	In-Distric	ct Counts	Current				Forec	asted In-	District (Counts			
Grade	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
				·····		T	otal Stud	ents	••••••			·····	····· ······	· · · · · · · · · · · · · · · · · · ·
K-5	1,739	1,568	1,535	1,583	1,542.7	1,579.6	1,613.8	1,607.7	1,584.3	1,555.1	1,579.2	1,548.6	1,549.9	1,553.8
6-8	1,139	1,031	960	931	926.6	897.2	858.5	836.6	871.4	933.0	904.4	913.5	881.7	903.7
9-12	1,534	1,542	1,541	1,518	1,453.4	1,392.7	1,341.2	1,310.0	1,266.7	1,217.9	1,214.4	1,212.3	1,260.1	1,265.6
K-12	4,412	4,141	4,036	4,032	3,922.7	3,869.4	3,813.5	3,754.3	3,722.4	3,706.0	3,697.9	3,674.4	3,691.7	3,723.2

Table 1 – Davis Demographics Version 2

The District opened enrollment to off-island students (in addition to staff and City students) for the 2024/25 school year. The Superintendent's September 11th, 2024, Enrollment Update to the board showed 40 students spread between grades eight through twelve

Open Enro	REACE POLICIESTIC				
	8 th	9th	10th	11 th & 12th	Total
# of Students	14	11	8	7	40

Table 3 below summarizes the Davis V2 projections and the District's actual enrollment. 2022/23 and 2023/24 are the OSPI Annual Average, and 2024/25 is the "snapshot in time" from early September.

Table 3 includes K-5, 6-8, 9-12, and all open enrollment students. Open enrollment students and historical information on Running Start students are also noted for reference at the bottom of the table. Any FTE of a Running Start student is included in the counts.

D. i D. i											
Davis Demogr	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33
K-5	1,583	1,543	1,580	1,614	1,608	1,584	1,555	1,580	1,549	1,550	1,554
6-8	931	927	897	859	837	871	933	904	914	882	904
9-12	1,518	1,453	1,393	1,341	1,310	1,267	1,218	1,214	1,212	1,260	1,266
K-12	4,032	3,923	3,870	3,814	3,755	3,722	3,706	3,698	3,675	3,692	3,724
Davis V2 vs. M						., 2024					
K5	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33
Davis V2	1,583	1,543	1,580	1,614	1,608	1,584	1,555	1,580	1,549	1,550	1,554
Actual	1,579	1,544	1,552								
Difference	(4)	1	(28)								
6-8	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33
Davis V2	931	927	897	859	837	871	933	904	914	882	904
Actual	927	942	946								
Difference	(4)	15	49								
9-12	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33
Davis V2	1,518	1,453	1,393	1,341	1,310	1,267	1,218	1,214	1,212	1,260	1,266
Actual	1,426	1,396	1,387								
Difference	(92)	(57)	(6)								
Total	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33
Davis V2	4,032	3,923	3,870	3,814	3,755	3,722	3,706	3,698	3,675	3,692	3,724
Actual	3,932	3,882	3,885	0,014	0,700	0,722	0,700	0,000	0,070	0,002	0,724
Difference	(100)	(41)	15	0	0	0	0	0	0	0	0
Running Start											
Students (not											
included above)	51	48	TBD								
Open Enrollment											
(excluding City/Staff Students)	0	0	40								
oradontoj	U	U	40								

Table 3 - Summary of Davis Version 2 vs. MISD Actual Enrollment

CAPACITY & UTILIZATION

CAPACITY

Issue Paper #3 in the Appendix of the LRFP is an in-depth summary of how MISD determined the student capacity of each school, the 2022/23 enrollment, and the demographic projections used.

Existing Capacity

The District's permanent student capacity across the four elementary schools, Islander Middle School, and Mercer Island High School/Crest Learning Center are shown in Table 4 below. Permanent capacity refers to the site-built structures only and does not include portable/modular classrooms. Note that each of the older elementary sites currently has four portable/modular classrooms, while Northwood has two. This additional capacity is shown in grey and is not part of the permanent capacity.

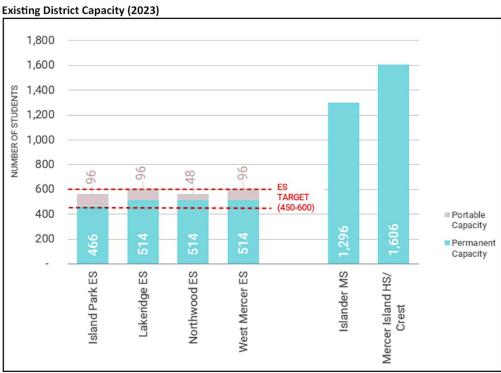


Table 4

UTILIZATION

Utilization is a function of the rooms (elementary) or number of periods (middle and high school) available for class assignments versus the amount of time they are used.

For an <u>elementary school</u> where students are assigned to a single classroom, the target is 100% utilization since a room is not expected to be used for anything else when students are at lunch, music, or other pull-out services.

For the <u>Middle School</u>, target utilization assumes a classroom will be used five out of six daily periods. In this model, there is no expectation that another class will fill the open period, allowing teachers to use the classroom for their planning period.

At the <u>High School</u>, target utilization assumes general education, science, art, career/tech, and Crest classrooms are used six out of seven periods per day, and Special Education, Music, Drama, and PE classrooms are used five out of seven periods per day. This is an average of 5.8 out of seven periods per day. Teachers may have an office space and teach from one or more spaces during the day.

When a school is programmed at its full Utilization Target, it feels full and operates at peak efficiency. When it is underutilized, it will feel more comfortable since staff and programs can spread out, but it is less efficient. When looking through the lens of utilization, efficiency is based on classrooms being used for general education or the purpose for which it was built.

Capacity and Utilization together determine whether the District is using its facilities to their potential or if there is excess space. The tables below compare actual school utilization for the 2024/25 school year to the planning capacity and utilization targets established in the LRFP.

	L	RFP PLANNING METRIC	:	CURRENT USAGE (2024/25)		
	Planning	Allocated	Target		Actual	
	Capacity	Gen CL	Utilization	Gen CL	Utilization	
Island Park	466	19 classrooms	100.0%	17 classrooms	89.4%	
Lakeridge	514	21 classrooms	100.0%	17 classrooms	81.0%	
West Mercer	514	21 classrooms	100.0%	19 classrooms	90.5%	
Northwood	514	21 classrooms	100.0%	17 classrooms	80.9%	
Islander Middle School	1,296	354 periods	83.0%	226 periods	63.8%	
Mercer Island High School *	1,606	490 periods	83.0%	350 periods	71.4%	

Table 5 Current Utilization based on Planned Capacity

The table below compares actual school utilization for the 2024/25 school year with a less efficient alternate capacity at the elementary sites, allowing for a dedicated art room and a second special education room at each school.

current offization based on Alternate capacity										
	ALTL	ERNATE PLANNING ME	CURRENT USAGE (2024/25)							
	Alternate	Allocated	Target		Actual					
	Capacity	Gen CL	Utilization	Gen CL	Utilization					
Island Park	418	17 classrooms	100.0%	17 classrooms	100%					
Lakeridge	466	19 classrooms	100.0%	17 classrooms	89.5%					
West Mercer	466	19 classrooms	100.0%	19 classrooms	100.0%					
Northwood	490	20 classrooms	100.0%	17 classrooms	85.0%					

Table 6 Current Utilization based on Alternate Capacity

Eight students were added across the four <u>elementary schools</u>. The 2023/24 and 2024/25 enrollment at each elementary school is summarized below. Island Park and Northwood increased from using (16) classrooms in 2023-24 to (17) in 2024-25.

Table 7						
School	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Island Park	364	361				
Lakeridge	407	400				
Northwood	357	362				
West Mercer	415	427				

Four students were added to the <u>Middle School</u>. Utilization for 2024/25 dropped slightly to (226) periods per day, and a 63.8% utilization versus 65.5% reported for the previous year. Note that the Capacity of IMS will change when the 100/200 and 300 buildings are removed and replaced with a new but smaller building.

Six fewer students were enrolled at the <u>High School</u>. Utilization for 2024/25 was (350) scheduled class periods versus the (348) calculated by Mahlum for the 2023/24 LRFP.

Mercer Island School District

3-Year Cap/Tech Projects for LRFP September 20, 2024 (bf)

ACTUAL - SUMMER 2024			PLANNED	- SUMMER 2025		PLANNED	3-Year Total			
	CONTRACTS	ESTIMATE		CONTRACTS	ESTIMATE		CONTRACTS	ESTIMATE		
HIGH SCHOOL & CREST	Paint		HIGH SCHOOL & CREST	Deint		HIGH SCHOOL & CREST	Paint		HIGH SCHOOL	£4.255.000
Crest Secure Vestibule Parking Lot Seal Coat and Stripe	Paint Northwood Stairway Treads (for Speci	\$7,696	Partial Classroom Furniture Replacemen Energy Upgrades/Control's Work	IPE, LRE & WME Exteriors	\$521,125	Paint Exterior DOE Landscape Maint	MIHS Exterior	\$619,313	HIGH SCHOOL	\$1,355,098
Replace Commons, Kitchen, DECA Roll-	Northwood Stallway Treads (101 Speci	\$7,090	Restripe Track	IPE, LRE & WME Interiors	\$520,223	Partial Furniture Replacement	Administration Exterior	\$55,050		
	Elem Security Hardware	\$125 668		IT E, EILE & WIME Interiors	ψ520,225		Administration Exterior	\$55,050		
· ·		¢120,000		MIHS Restripe Track	\$25.000					
DOE Landscape Maint	Parking Lot Repair, Seal, Stripe		MIDDLE SCHOOL	Furniture	+,	MIDDLE SCHOOL	Furniture			
	All Sites	\$118,073	DOE Landscape Maintenance	General Allowance	\$30,000	DOE Landscape Maintenance	General Allowance	\$30,000		
MIDDLE SCHOOL				MIHS Partial	\$210,000		MIHS Partial	\$220,500	MIDDLE SCHOOL	\$195,330
Parking Lot Seal Coat and Stripe						ISLAND PARK ELEMENTARY				
· · ·	Boiler Peplacement			Roofing		Roofing	Roofing			
DOL Landscape Maintenance		\$894 378			deferred	Rooming	IPE	\$737,574		
SLAND PARK ELEMENTARY	o-Elementary sites	φ034,070				LAKERIDGE	WME	\$819,006	ISLAND PARK	\$1,882,778
	Carpet/Flooring				dolohiou	-		\$010,000		\$1,002,110
	3 - Elem sites	\$961,535		Controls Upgrades	\$50,000		Design			
Parking Lot Seal Coat and Stripe		,	LAKERIDGE			NORTHWOOD	TBD	bond funded		
Classroom Security Door Hardware	Roofing		Paint Interior	Design Work - 2024/25 school year		DOE Landscape Maintenance				
Energy Upgrade	West Mercer	deferred	Paint Exterior	Bus Lot EV	\$75,000		Minor TI Work			
			Controls Upgrades	Bus Lot Fuel Tanks	\$50,000	WEST MERCER	Admin Building	\$181,665		
									LAKERIDGE	\$1,157,075
				· · · · ·			Construction			
	MIHS Commons	deferred	DOE Landscape Maintenance	Concept Design MIHS	\$150,000		EV Charging Power Infrastructure	\$500,000		
						Fuel Tank Solution - Construction	Bus Lot Fuel Tanks	\$500,000		
· · · · · · · · · · · · · · · · · · ·				-	¢1 800 000		Mary Wayte Pool ???			
Energy Opgrade		\$127 621		Mary Wayle Pool (dist portion)	\$1,000,000		DOE Landscape Maintenance	\$126,000		
/				DOF Landscape Maintenance	\$120.000	5	DOE Landscape Maintenance	\$120,000		
NORTHWOOD					\$120,000		Other Misc.		NORTHWOOD	\$131,698
		¢,	BUS LOT	Other Misc.		MARY WAYTE POOL	MIHS Marching Band Stair Tower	\$10,983		, ,
	Minor TI Work		Fuel Tank Solution - Design	MIHS Marching Band Stair Tower	\$10,460	KC Grant Construction ???	TBD	\$210,000		
	Crest Video Doorbell	\$6,647	EV Charging Infrastructure Design	TBD	\$200,000		CPM Contract	\$150,000		
WEST MERCER	MIHS Commons Restrooms	\$6,068		CPM Contract	\$92,700	FURNITURE			WEST MERCER	\$1,931,458
Carpet full school			ADMINISTRATION BUILDING			Elementary Schools				
Boiler Replacement	Design - 2023/24 School year		Minor interior reconfigurations							
Parking Lot Seal Coat and Stripe	Bus Lot EV									
	5									
Classroom Security Door Hardware			KC Grant Design & Construction							
	Concept Design: Other Projects	\$15,000							BUS LOT	\$1,147,971
EV Charging initiastructure Design	Eurpiture		Elementary Schools as needed						B03 L01	\$1,147,971
/		\$25.004								
ip for door Example door State door Model Rescury Header State door State door										
		¢100,101							ADMINISTRATION	\$269,719
i annig zet eear eear and empe	DOE & Other Landscape Maintenance									+====,
		\$93,744								
MARY WAYTE POOL										
KC Grant Design	IMS Goats	\$12,662							MARY WAYTE	\$2,000,000
	Annual DOE Required Inspection	\$10,300								
Elementary Schools		\$33,256							OTHER	\$877,271
/	MIHS, IPE, NWE, WME									
/	a "	A 10 071								
/	Security	\$16,971							REIMBURSABLE BOND	\$1,555,977
	Other Mice								DESIGN FEES	
		¢0.671								
/										
/										
/										
[<i><i><i></i></i></i>								
T-4-1		¢4 000 775	T-4-1		\$4.054.500	T-4-1		* 4 4 0 0 0 0 4	Tatal	*40 F04 070
i otai:		\$4,089,775	i otai:		\$4,254,508	Total:		\$4,160,091	Total:	\$12,504,373 \$
Reimbursable Bond Costs:		\$1,205,977	Reimbursable Bond Costs:		\$350,000	Reimbursable Bond Costs:		\$0	Reimbursable Bond Costs:	\$1,555,977
Adj for Reimb Bond Plannina:		\$2,883,798	Adj for Reimb Bond Planning:		\$3,904,508	Adj for Reimb Bond Planning:		\$4,160,091	TOTAL:	\$10,948,396 \$
						CAP/TECH TARGET:		\$3,500,000	CAP/TECH TARGET:	\$11,500,000 \$
(Over Budget) / Under Buddet:		φ1,010,2U2	(Over Budget) / Under Budget:		-9404,508	(Over Budget) / Under Budget:		-\$660,091	(Over Budget) / Under Budget:	\$551,604 \$