



**FUTURE
READY
D36**

Honoring our past.
Planning our future.

Board Update August 21, 2018

December 2015 – February 2017

- Facility maintenance demands
- Board review of air-conditioning
- Enrollment imbalance
- Short-term Crow Island solution (Kindergarten)

March 2017 – August 2018

- Commission EMFP
- Form Core Team
- Research, Iterate, and Listen

Fall 2018

- Educational Master Facility Plan recommendation to School Board

Goals for Meeting

The School Board will...

- Understand and Affirm Preliminary EMFP Timeline 2018-2019
- Verify Working Assumptions
 - Vision for Teaching & Learning
 - Enrollment
 - Facilities
 - Costs/Financial
- Understand Modernization Tiers (Options)
- Approve *Fallon Research & Communications* as survey administrator



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Planning our future.

Educational Master Facility Plan

10-Year Plan
2028 Vision



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Honoring our past.
Planning our future.

Educational Master
Facility Plan
2018 Adoption

10-Year Plan
2028 Vision

With Potential Phased Implementation over Time...

EDUCATIONAL MASTER FACILITY PLANNING (EMFP)

Preliminary Timeline | August 2018 – April 2019



AUG.-SEPT.

OCTOBER

NOVEMBER

DECEMBER

JANUARY

FEB.-APRIL

COMMUNICATIONS ONGOING

AUGUST 21st
BOARD MEETING
with EMFP
update

Timeline Scenario

K-4;5-8 concept
& data request

Poll Plan

Communications &
Outreach Plan
fall/winter 2018

SEPTEMBER 25th
BOARD MEETING

Poll Plan results
presented



OCTOBER (TBD)
BOARD WORK SESSION

Review all data

Refine & finalize
long-range EMFP

OCTOBER 23rd
BOARD MEETING
to approve
long-range
EMFP

NOVEMBER (TBD)
BOARD WORK SESSION

Discuss and define potential PHASE 1
project scope, cost, tax impact and
implementation timeline

NOVEMBER 27th
BOARD MEETING
to confirm PHASE 1 project scope, cost,
tax impact and implementation timeline

IF PHASE 1 PROJECT MOVES FORWARD...
Referendum resolutions
drafted by Bond Counsel

DECEMBER 18th
BOARD MEETING

Approve resolutions
(if moving forward)

Review Preliminary
Referendum &
Outreach Plan

Review preliminary
Fact Sheet

JANUARY 14th
SPECIAL BOARD MEETING

Approve resolutions
(if moving forward)

JANUARY 29th
BOARD MEETING
with presentation of
Referendum, Information
& Outreach Plan, and
final Fact Sheet

RFQ/RFP for Architect
& Construction Manager

JANUARY - APRIL 2019
**Referendum Information
Outreach Plan implemented**
(If moving forward)

APRIL 2, 2019
**Potential
Referendum**



Recap of EMFP Concepts & Costs



School Board Working Assumptions Verification Process



RECAP OF JUNE 6, 2018, BOARD MEETING

K-4; 5-8 Concept as presented
Tiers of Modernization

Crow Island



Tier 1

1st Time Cost: \$21.6M

Add 3 Classrooms

Add Cafeteria

Add Kitchen

Expand Gym/KW Storage

Furniture: Complete

Hubbard Woods



Tier 1

1st Time Cost: \$13.5M

No New Classrooms Required

Add Cafeteria

Add Kitchen

Expand Gym/KW Storage

Furniture: ~\$1.2M*

Greeley



Tier 1

1st Time Cost: \$14.3M

No New Classrooms Required

Renovate Cafeteria

Add Kitchen

Expand Gym/KW Storage

Furniture: ~\$1.2M*

Washburne



Mostly Tier 3

1st Time Cost: \$54.5M

New Classrooms @ 950 SF
Renovated Classrooms Same Size

Expand Cafeteria

Expand Kitchen

Expand Gym / KW Storage

Renovate Resource Center

Dedicated Project Rooms
(~5,000sf)

Inquiry Learning Space (~2,000sf)

Dedicated Study Space (~2,500sf)

Furniture: ~\$3.8M*

K-4 5-8 Concept

As presented June 6, 2018

Refer to Board Presentation for more detail. Estimates by 3rd Party Cost Estimator.

Furniture costs denoted with an asterisks (*) are based upon total building square footage, not just learning environments. Cost will be adjusted after Board direction.

Tiers of Modernization					
	Furniture Only	Tier 1	Tier 2	Tier 3	Rebuild
Included <i>(Definitions on reverse)</i>	Updated furniture	Finish and fixture upgrades; updated furniture	Tier 1 plus additional strategic changes to wall, ceiling, and other structural elements	Tier 1-2 with significant change of building or envelope, such as altering windows	Rebuild schools one at a time
What is the impact on teaching and learning?	Allows for social-emotional learning opportunities through student choice, active seating to promote healthy behaviors, and greater flexibility within existing classroom spaces to support a wider variety of teaching and learning.	Furniture upgrades facilitate student choice, active seating to improve attention, and greater flexibility for instructional groupings. Flexible furnishings have been shown to increase student engagement, which leads to deeper learning and improved outcomes.	Adds Tier 1 benefits, plus allows for improved lighting, acoustics, and addition of flexible or transparent wall systems.	Adds Tier 1-2 benefits, or increases impact in some cases. By altering windows and adding solar tubes, more daylight can be brought into classroom spaces; daylight has been linked to higher performance on both mathematical and language assignments and tests by improving energy, wakefulness, and attention.	A new, flexible building would be planned to maximize efficiency on existing sites. Buildings could be purposefully designed for both horizontal and vertical flexibility, allowing classes to connect more strategically to resources and breakout spaces.
	Flexible furnishings have been shown to increase student engagement, which leads to deeper learning and improved outcomes.	Studies have shown that students, teachers, and parents can perceive the upkeep of a facility and link quality facilities to quality in education. Keeping finishes and fixtures in good repair prevents the "broken window" effect, in which one item in disrepair leads more quickly to another and promotes a sense of no one "watching over" a space.	The right acoustics and lighting improve the learning environment by reducing distractions, supporting hands-on tasks, and facilitating conversation by reducing echos or outside noise interruptions. Facilities with appropriate lighting and acoustic conditions also reduce potential negative impacts on students with special learning needs.	Some classrooms could be altered to right-size or reconfigure them, bringing greater equity to classroom spaces across the District.	Modern building systems and best practices would allow for the creation of facilities that respond to change more easily in the long-term. This is achieved by eliminating major structural or circulation elements that impede connection, using modular wall systems, and other techniques that keep options open.
	Furniture that is ergonomically appropriate and allows for active seating increases focused attention and promotes blood flow/oxygen flow within the body. Ergonomically appropriate furniture helps prevent injury.	Keeping finishes in good repair also allows rooms to function as intended, with furniture moving smoothly, storage opening and closing properly, etc.	Adding flexible or transparent wall systems in strategic locations creates greater connectivity between classes, areas of study, or grade levels, increasing the potential for collaboration and putting learning on display.	Reading nooks and other personal space can be created for students, both within and adjacent to the classroom, along with small group breakout space. This facilitates independent learning activities.	Buildings could also be designed to be more energy-efficient, reducing operating costs and creating a more sustainable District over time.
Approximate Cost/SE	\$16-18 <i>(depending on space type)</i>	\$120 w/furniture upgrades \$136-138 w/furniture	\$210 w/o furniture upgrades \$226-228 w/furniture	\$300 w/o furniture upgrades \$316-318 w/furniture	\$425 \$441-443 w/furniture

Definitions of Tiers of Modernization

A Tier 1 modernization would focus on elements that could be changed with little to no renovation outside of facility repairs:

- Lighting: Add LED task lights where needed
- Temperature: Installation of HVAC
- Acoustics: ---
- Ownership: Create places to store and display student projects – both finished and in progress
- Flexibility: Change classroom furniture to flexible, varied, active seating.
- Color: Adding “shape + color” wayfinding to hallways and rooms, which are easier for users than verbal-only

A Tier 2 modernization would include Tier 1, plus elements that could be changed with some reconfiguration:

- Lighting: Reduce distracting/non-responsive lighting by changing fixtures to LEDs
- Temperature: Installation of room-specific controls
- Acoustics: Install acoustic treatment around problem areas
- Ownership: ---
- Flexibility: Add operable partitions to strategically selected spaces to allow for connectivity, expansion, and differentiation
- Color: -

A Tier 3 modernization would include Tier 1 & Tier 2 elements through significant change of building/envelope:

- Lighting: Adding/altering exterior windows and/or installing solar tubes from roof
- Temperature: ---
- Acoustics: Install additional acoustic treatment/acoustic glass
- Ownership: Alter classrooms to developmentally appropriate plans: simple and large for older students, varied shapes and more nooks for younger students
- Flexibility: Increased number of operable partitions (see Ownership) and insertion of breakout spaces
- Configuration+ Color: Altering circulation within the buildings to be wider, more visually open, and with clear pathways