

FACILITIES MASTER PLAN COMMUNITY FORUM

MARCH 1, 2022

6:00 PM

# WELCOME!





# **DISTRICT 67 & 115** SUPERINTENDENT DR. MATTHEW MONTGOMERY



# DISTRICT 115 **BOARD OF EDUCATION** PRESIDENT JENNY ZINSER



# PERKINS&WILL SENIOR PROJECT MANAGER RICK YOUNG

# History and Timeline



- Board Approval to Proceed
- Kick-off Meeting

November 2018 December 2018

- 1<sup>st</sup> Oversight Committee Meeting February 2019
  - 19 total meetings through May 2020
- Educational Assessment

- Student & Faculty/Staff Surveys April May 2019
- Student & Faculty/Staff Meetings May 2019
- Peer Institution Tours
   June 2019
- Physical Assessment Summer 2019



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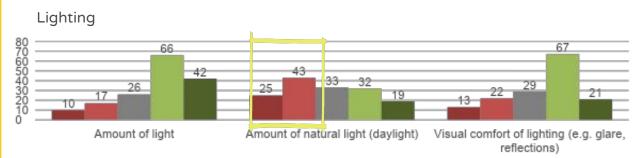
- Student & Faculty/Staff Surveys April May 2019
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- Peer Institution Tours June 2019
- Physical Assessment Summer 2019



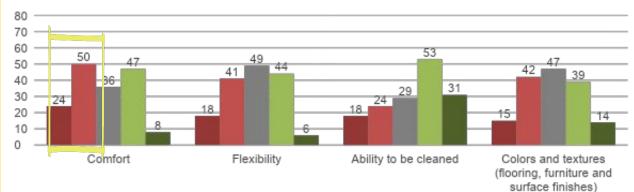
## **Survey Themes**

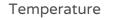
- Classroom size
- Lighting
- Temperature control
- Furniture
- Toilet rooms
- Daylight
- Outdoor learning spaces

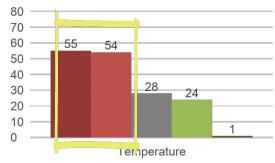
#### Students:



#### Furniture









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## **MASTER PLAN**

#### PHYSICAL

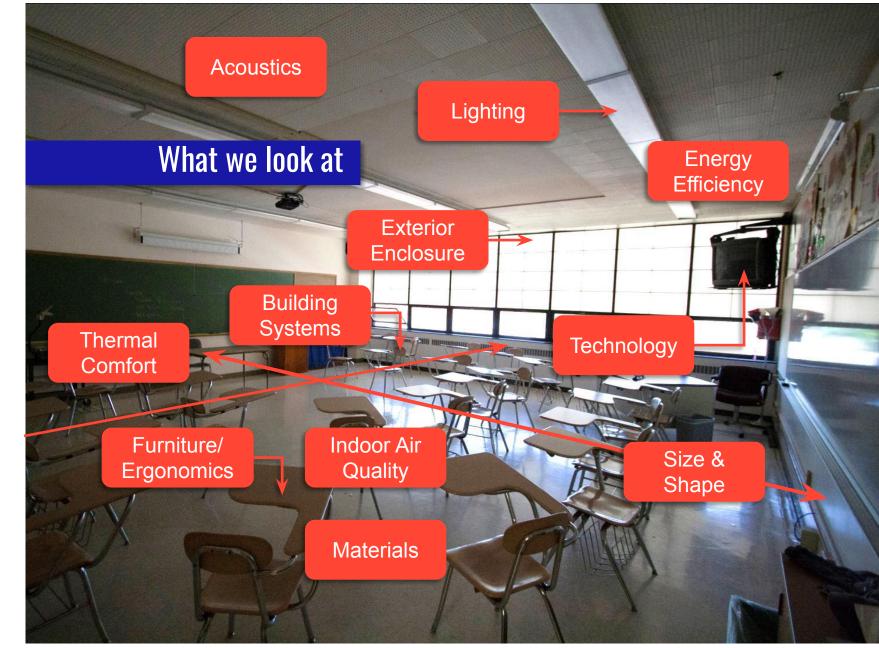
- Exterior Construction
- Interior Construction
- Building Systems
- Combined with 10 Year HLS
- Safety and Security

#### EDUCATIONAL

- Organization of facilities
- Appropriate room sizes
- Flexible/Adaptive
- Allow for changing technology
- Interdisciplinary collaboration

#### QUALITATIVE

- Temperature
- Indoor air quality (IAQA)
- Light levels
- Acoustics



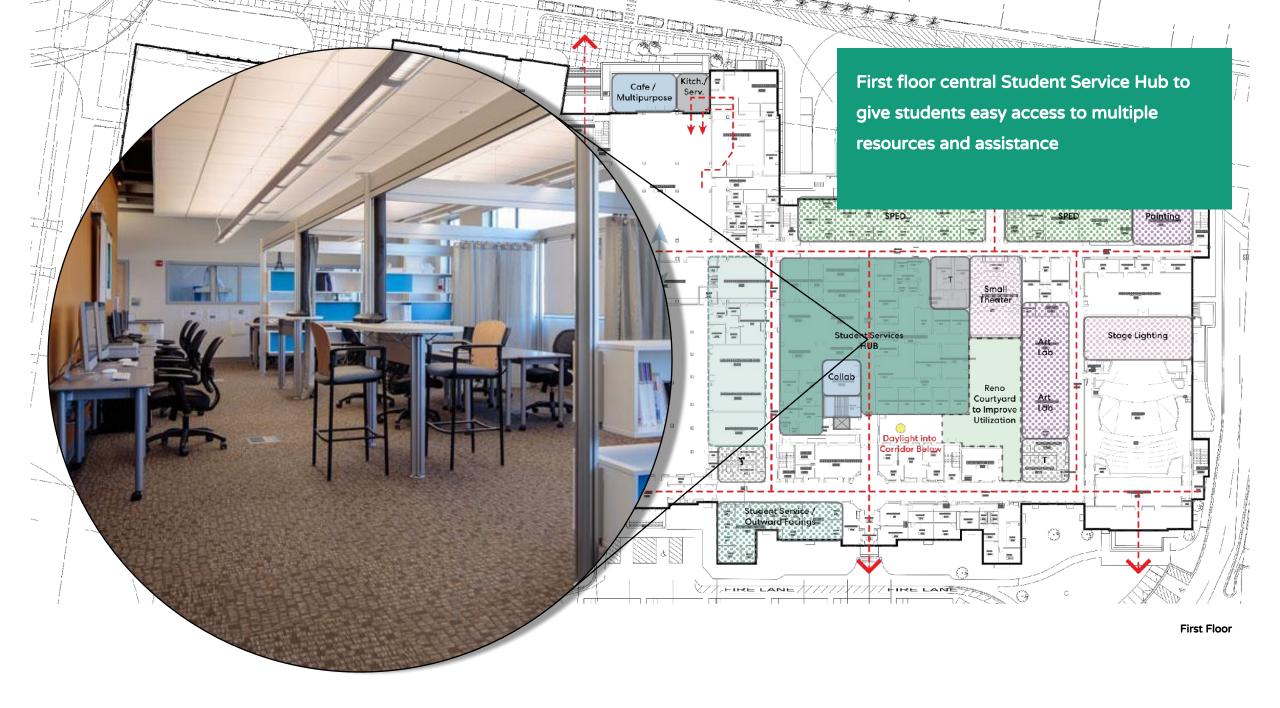
- Options Development
  - Joint Leadership Team Meetings
  - Department Meetings

Summer/Fall 2019 September 2019 October 2019

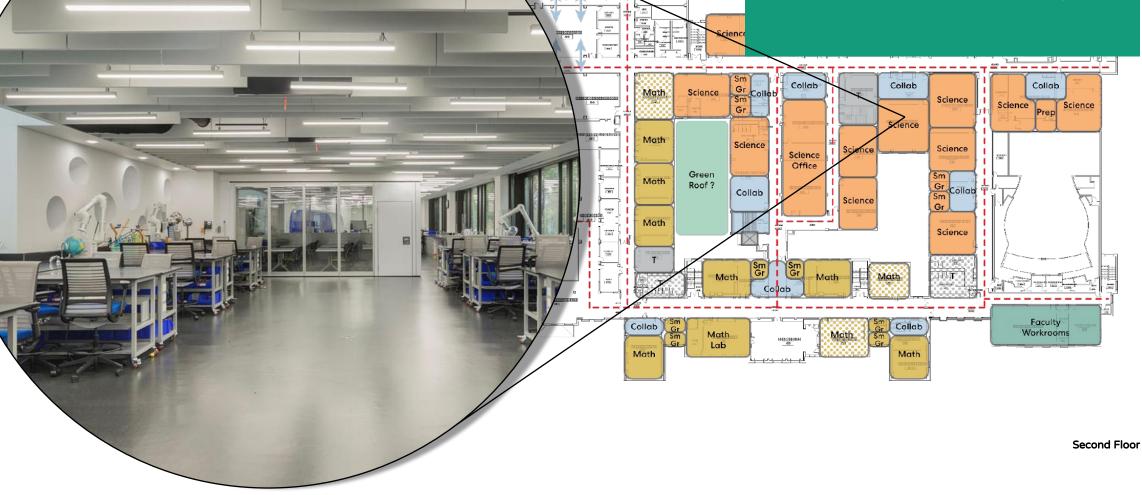
April 2020

- Board of Education Updates
  - Assessment Overview & Initial Options October 2019
  - Community Open House Prep January 2020
- Community Open House March 2020
- Project Budget Estimating Spring 2020
- Board of Education Presentation
  - COH Results & FMP Report

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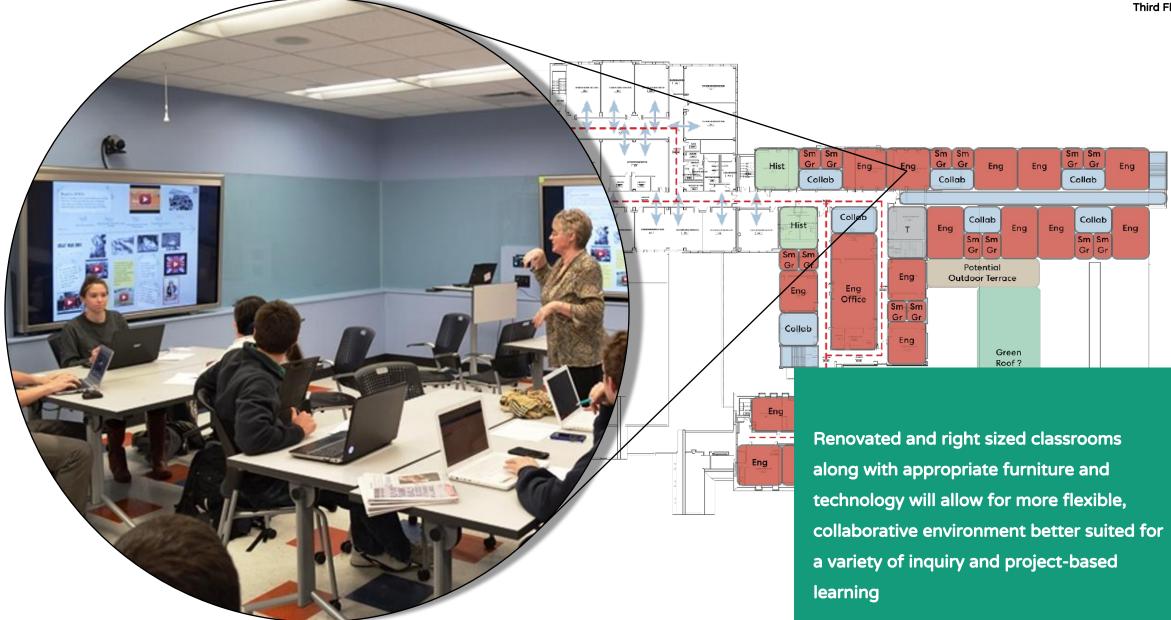


Renovate and reconfigure science labs to create some specialized rooms, while making others more flexible for evolving curriculum and cross disciplinary projects



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\$3305302£005949 H200



Third Floor

- Options Development
  - Joint Leadership Team Meetings
  - Department Meetings

Summer/Fall 2019 September 2019

October 2019

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April 2020



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Summer/Fall 2019

September 2019 October 2019

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April 2020



### **Open House – Stations**

#### **Preparing Future Ready Students**

- Typical Classrooms
- Collaboration & Transparency
- Furniture & Flexibility

#### **Enhancing Specialized Learning**

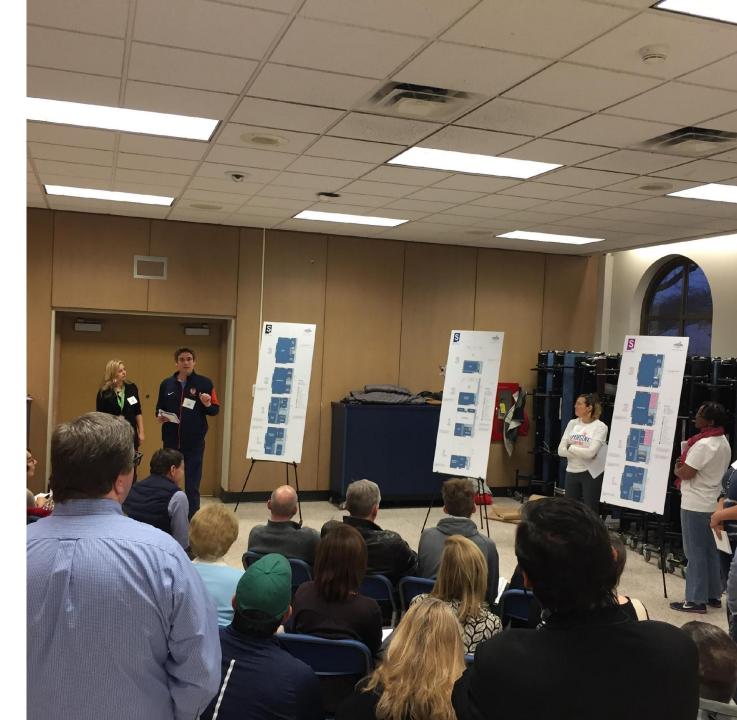
- Science
- PE / Athletics / Wellness
- Arts
- Special Education & Transitions Program

#### Supporting Emotional Well-Being

- Student Support
- Faculty Student Engagement
- Student Connectivity

#### Modernizing Infrastructure

- Safety and Security
- Infrastructure
- Technology



### **Open House – Stations**

#### Hosts

- Oversight Committee members, Board members, and Perkins & Will team members
- Provide brief orientation description of the content displayed on boards
- Available to answer questions on issues and proposed solutions

#### Boards

- Narrative in upper left describing issues and proposed interventions shown on that board
- Plan diagrams with example photo illustrating potential solution and associated descriptive text
- Photos of existing LFHS spaces illustrating issues
- Photos of peer districts and other Perkins & Will projects depicting possibilities

#### SCOUTS

#### **CLASSROOM SIZES**

#### NARRATIVE EXPLANATION:

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Perkins&Will

 ABBREVIATIONS & SYMBOLS

 T
 Tollet
 SM GR
 Smill Group

 CR
 Classroom
 SPE0
 Special Education

 COLLAB
 Collaboration Space
 STOR
 Storage Room

 MECH
 Mechanical Room
 Elevator
 PREP

 Science Lab Prep Room
 Elevator
 Elevator





### What do you like and want to keep?



What don't you like and want to stop?



What would be great to start?

- Options Development
  - Joint Leadership Team Meetings
  - Department Meetings

Summer/Fall 2019

September 2019 October 2019

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April 2020



### **FMP Report - Documents Narrative**

April 7, 2020

#### **General Information**

L

The Facilities Master Plan for LFHS has been broken down into Components. These Components include groups of spaces based on reasonable project areas, common functional space, and logical divisions from adjacent spaces. These Components can be executed as discreet projects or grouped together into larger construction projects, giving the Board of Education the flexibility to decide how much they wish to address at any one time with the knowledge of how that Component relates to all the other Components of the overall Master Plan. The axonometric diagram and order of magnitude spreadsheets included with this narrative illustrate how these Components relate to each other by their location within the building and estimated project budget cost. Below are further descriptions of the Component Axonometric Diagram and Order of Magnitude Project Summary.

#### **Component Axonometric Diagram**

The Component Axonometric Diagram is an exploded axonometric plan showing where the Components are located within the school.

An exploded axonometric plan is a view of the school as if you were floating in the air, looking down at the school from an angle. Each of the floors of the building is broken apart and stacked such that the bottom is the lower level with the first floor stacked directly above that and each subsequent floor stacked above. To the left of each floor plate are the floor designations, Lower Level 02 through 3<sup>rd</sup> Floor in capital letters.

The individual colored blocks in the axon plans are colored in relation to the specific department, i.e. Math, Science, Special Education, etc., the space is associated with. In the bottom right hand corner is a Legend showing which departments are related to each color. Groups of these individual colored blocks are then outlined in light red dashed lines to indicate a Component and tagged with the associated Component letter (C, P1, Q, etc.) in red. As was described earlier in this document, Components are groups of spaces based on reasonable project areas, common functional space, and logical divisions from adjacent spaces. The text to the left and right of the page has the Component heading **bolded and underlined**, with bullet point listing of the individual elements included in the Component and organized by floor.



#### Grder of Magnitude Project Summary

The Order of Magnitude Project Summary provides estimated project budgets associated with each of the components illustrated on the Axonometric Diagram, summary of the 10 Year Health and Life Safety violations, and other miscellaneous capital improvements identified in the facility assessment. These budget costs are estimated total project costs including the estimated construction bid cost, contractor insurance and bonds, design contingency, escalation, construction contingency and soft costs. These items are further described in the notes on the second page of the spreadsheet.

The far left column of the spreadsheet has the component designations or category of capital improvement. The next column includes a short description of the component. The right half of the spreadsheet contains the associated project cost arranged into one of five columns. The first of those columns highlights infrastructure improvements, including the Urgent and Required HLS items and the majority of the capital improvements which are largely items reaching the end of their useful life and needing to be replaced.



April 7, 2020

The next two columns include elements viewed as having an immediate

impact on instruction across the broadest section of the student population with the first column including the elements receiving the most universally positive feedback from the community, staff and students. The last two columns are broken up into components viewed by the Oversight Committee as improvements that have value for the school, but are initially recommending be placed in the mid and long term priority categories.

The far right side of the page identifies specific components that are either enabling other components or depending on another component in order to be executed. The colored boxes next to each of these designations group which enabling components are associated with its dependent components. There is also some additional information provided in the Descriptions column giving some additional info on the implications of not executing the enabling project.



Page 2 of 11

Perkins&Will



Page 3 of 11

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### **FMP Report – Axonometric Diagram**

Collab

#### Component M5:

- 2nd Floor
  - English CRs
  - Collab
  - Small Group Rooms

#### Component P1:

- 2nd Floor
  - Clerestory Windows to Math CRs

#### Component O1:

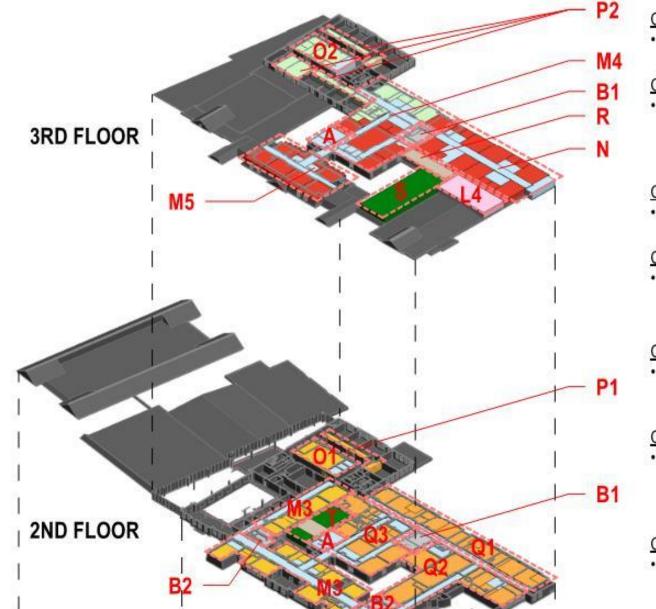
- 2nd Floor
  - Math Office
  - Collab

#### Component M3:

- 2nd Floor
  - Math CRs
  - Collab
  - Math Lab
  - Small Group Rooms

#### Component T:

- 3rd Floor
  - Green Roof
  - Outdoor Terrace



- Component R:
- 3rd Floor
- Outdoor Terrace

#### Component N:

- 2nd Floor
  - English CRs
  - Collab
  - Small Group Rooms

#### Component S:

- 3rd Floor
  - Green Roof / Solar Panels

#### Component L4:

- 3rd Floor
- Fly Loft

#### Component Q1:

- 2nd Floor
  - Science Labs
  - Prep Rooms

#### Component Q2:

- 2nd Floor
  - Science Labs
  - Prep Rooms
  - Collab

#### Component Q3:

- 2nd Floor
  - Science Labs
  - Small Group Rooms

Component A.

## FMP Report – Project Budget Summary

### DRAFT

#### Lake Forest High School East and West Campus

#### Facilities Master Plan - Order of Magnitude Project Summary

COMPONENT HEALTH AND LIFE SAFETY	PROJECT DESCRIPTION	INFRASTRUCTURE	INSTRUCTION	MID TERM PRIORITY	LONG TERM PRIORITY
	Urgent	\$813,311			
HEALTH AND LIFE SAFETY	Required	\$659,020			
HEALTH AND LIFE SAFETY	Recommended		\$1,110,710		
MISC. CAPITAL IMPROVEMENTS	Lighting and Tech Infrastructure will be variable depending on components selected above				
WEST	Fire Suppression - extend sprinklers throughout building			\$843,878	
	Plumbing - end of life equipment	\$102,752			
	HVAC - end of life equipment	\$3,560,639			
	Controls - based on 50,000 sf	\$335,250	3	5	
	Electric - outdated panel replacement	\$237,111			
	Lighting and Controls - based on 151,928 sf	1 1 10		\$1,400,681	
	Fire Alarm	\$41,165			
	Lightning Protection	\$50,665		1	
	Architectural - exterior doors	\$32,932			
	Civil - paving	\$1,027,481			
	West Campus Infrastructure Subtotal	\$5,387,995		-	
EAST	Fire Suppression - extend sprinklers throughout building	\$493,981			
	Plumbing - piping replacement, pool UV filter	\$146,377			
	HVAC - end of life equipment	\$8,073,544		- (i	
	Controls - not needed	\$0			
	Electric - outdated panel replacement	\$244,883		1	
	Lighting and Controls - based on 263,152 sf		\$2,426,097		
	Fire Alarm - not needed	\$0			
	Lightning Protection	\$27,992			
	Tech Infrastructure - based on 263,152 sf	10 10 1	\$882,217		
	Architectural - roof, ext. stairs, windows, painting	\$3,080,160			
	Civil - paving	\$1,140,641			

### **FMP Report – Project Budget Summary**

			-			_	
	Tech Infrastructure - based on 263,152 sf	70 - 30.		\$882,217			
	Architectural - roof, ext. stairs, windows, painting	\$3,080,160					
	Civil - paving	\$1,140,641					
10 M - 10 M - 100	East Campus Infrastructure Subtotal	\$13,207,580					
HISTORICAL							
WINDOWS	East Campus	\$2,137,162					
SECURITY	Camera Upgrades	\$614,625					1
SECURITY	Classrooms and Corridor Doors - Allowance	\$3,352,500					
SECURITY	Building Zoning	\$257,282					1
SECURITY	Exterior Doors	\$961,839		22.6			
TURF FIELD	West Campus			\$1,716,970			
TURF FIELD	East Campus			\$1,352,624	1		
A	Central Vertical Stair			\$1,114,344			Dependent
A1	IT Helpdesk	3		\$387,297			Enabling
1000	Student Services Hub (without PE addition, this includes renovation of						
A2	existing offices and business incubator in place)				\$3,260,035		Dependent
81	Eastern Restrooms: Lower Level, 1st, 2nd & 3rd Floors	\$753,108			1		
B2	Western Restrooms: Lower Level, 1st & 2nd Floors	\$876,004					
c	PE/Athletics/Wellness - Addition					\$8,938,915	Enabling
D	Makerspace Lab (without PE addition, this remains as dance studio)					\$631,208	Dependent
E	Special Education		\$1,382,018				
F	Grind Café-Cafeteria Improved Connection		+ -		\$149,838		
G	Counselors Office			\$399,954	4.6.10/000		
н	Cafeteria and Servery Addition				\$1,005,169		
1	DMT (Davis Miller Theater) Lighting and Refresh		\$751,870		1.110001000		
11	Art Labs				\$738,209		
J2	Photo Lab				\$250,181		
13	Art Office (without PE addition, this remains as S.E. Offices)					\$108,348	Dependent
K	Painting Classroom				\$269,078		
11	RMA (Raymond Moore Auditorium) Lighting	\$1,320,047					
L2	RMA (Raymond Moore Auditorium) Dock Entrance				\$165,336		
	Scene Shop Expansion into Maintenance Project Room (without PE						
L3	addition, this remains as Maintenance Project Room)					\$163,042	Dependent
14	RMA (Raymond Moore Auditorium) Fly Loft	1				\$1,536,512	
M1	World Language Classrooms and Office			\$2,528,384			
M2	Business Classrooms and Office			\$1,712,536			
M3	Math Classrooms			\$2,419,595			1
M4	English and Social Studies Classrooms and English Office			\$2,191,381			
M5	English Classrooms			\$1,299,477			

- FMP Updates
  - Prioritization & Budget Updates

May 2020 October 2020 Fall 2021

- FMP Re-Engage
  - Oversight Committee Meeting #20-22 November 2021

December 2021 January 2022

- Educational Assessment
  - Student & Faculty/Staff Surveys
  - Faculty/Staff Meetings
  - Student Survey 2<sup>nd</sup> Round

December 2021 December 2021 January 2022



### FMP Report – Project Budget Summary - UPDATED

Lake Forest High School East and West Campus

Facilities Master Plan - Order of Magnitude Project Summary

			ruennies master nan order o											
			Group A Group B			Group C								
COMPONENT	PROJECT DESCRIPTION		INFRASTRUCTURE					INSTRUCTION						
		2021 (FY22)	2022 (FY23)	2023 (FY24)	2024 (FY25)	2025 (FY26)	2026 (FY27)	FUTURE	PHASE 1	PHASE 2	MID TERM	LONG TERM		
	ESCALATION YEAR @ 5%/year	2021	2022	2023	2024	2025	2026	2031	2025	2026	2031	2041		
HEALTH AND		\$813,311												
LIFE SAFETY	Urgent	\$813,311												
HEALTH AND	Required SEE ATTACHMENT A FOR HLS	SCOPE	\$558,003											
LIFE SAFETY	ACTIVICATION OF ALL ATTACHIVILIAT AT OTTAL		\$330,003											
HEALTH AND	Recommended					\$1,350,075								
LIFE SAFETY		2	<u></u>	-	12		2. 			-				
B&G CAPITAL PLAN														
NON-OPTIONAL	Replace Windows Back of Building		\$785,502		-			-		-	-			
NON-OF HONAL	Replace Variable Frequency Drive on Chiller #2		\$45,938		8									
-	Burner Control for Boiler #2-East		\$81,375											
	Tile Roof Repair-East		\$36,740											
	Auditorium Portico Slab Replacement		\$32,730											
	Scoreboard for varsity field-West	1	and the state of the second second		\$173,203									
	Roof Life Cycle Replacements East		1	\$366,568										
	Roof Life Cycle Replacements West			\$1,033,594										
	Replace 4 metal doors on Penthouse-West		\$34,911											
	Resurface back lot where vans park-West		\$155,791											
2	Resurface Main Drive-East		\$523,668											
	Resurface South Parking Lot -West		\$261,834											
0	Resurface Admin Parking Lot-West		\$261,834											
-	Resurface North Parking Lot-West		\$523,668		7.			6010.000						
	Replace Brick Pavers In Paver Parking Lot Cooling tower drift eliminators and fill		\$34,911		-			\$812,380		-	-			
-	Relocate rooftop control panels to inside mech room		\$43.639					-						
-	Install lightning detector at East Campus - completed 2020		\$45,055		0									
-	Replace irrigation system-east			\$91,642										
	Replace stairs in front of library entrance				\$115,468									
	Replace Pool Heater				\$76,980									
	Replace 84 lights in fieldhouse to LED fixtures	5		\$36,657										
3	Replace (2) sump pumps in pool pump room		34	\$36,657						1				
	Replace (6) small sized air handlers: Athletics office, Pool locker													
	room, Wrestling room, Ceramics room, Fitness center, Small theatre-			and a second second										
	Fast	-	7	\$344,531	7		5	7. X			6			
	Replace (2) medium sized air handlers: Field house., Auditorium-East			\$206,719										
	Replace (2) large S-2 and S-3 air handlers: Front office area-two levels-		1											
	East Replace (20) entry way/vestibule in-wall cabinet heaters-East			\$310,078 \$137,813			5 5							
	Replace (20) entry way/vestibule in-wall cabinet heaters-East Replace all victaulic fittings in main boiler room-East		\$115,763	\$12/,013							2			
	Replace (30) stand alone unit heaters-East		\$118,125				-	12 (A)						
	Install new deck leveler at loading dock-East		\$59.063											
	Replace (2) pool air handlers-East			\$964,688			5				8			
	Replace BAS controls on (26) unit-vents-East		\$85,313	111.9111										
OBTIONA				601.010										
OPTIONAL	Paint Auditorium		-	\$91,642	\$96,224		· · · · · · · · · · · · · · · · · · ·							
2	Caulk & Paint Trim on Front of Building Replace Main Entrance Stairs		-	-	\$95,224 \$115,468									
99 19	Crounds Shad			\$641.402	\$115,400						10 10			

### FMP Report – Project Budget Summary - UPDATED

<b>**</b>	IT TEIPUESK									2424,000			LIGUING
	Student Services Hub (without PE addition, this includes renovation of	-			· · · · · · · · · · · · · · · · · · ·			2 			40.000.001		and the second second
A2	existing offices and business incubator in place)										\$5,310,254		Dependent
B1	Eastern Restrooms: Lower Level, 1st, 2nd & 3rd Floors						\$961,177						
B2	Western Restrooms: Lower Level, 1st & 2nd Floors						\$1,118,028						1
	PE/Athletics/Wellness - Addition			1	0		0	)			8 0	\$23,717,602	Enabling
	Makerspace Lab (without PE addition, this remains as dance studio)											\$1,674,784	Dependent
E	Special Education								\$1,679,852			\$2)07 1)70 T	
F	Grind Café-Cafeteria Improved Connection						2		\$1,075,052		\$244,071		
G	Counselors Office									\$510,454	\$244,071		
н	Cafeteria and Servery Addition	-	16.							\$510,454	\$1,637,314		
11	Little Theater Lighting	-		\$478,185						-	\$1,037,314		
12	Little Theater Refresh	-		9470,105						\$406,038			
	Art Labs						2 (A) 2 (A)	22. 12		5400,030	\$1,202,464		
J2	Photo Lab	-									\$407,519		
J3	Art Office (without PE addition, this remains as S.E. Offices)	-								-	\$407,519	\$287,480	Dependent
K	Painting Classroom		19					14			\$438,299	\$207,400	Dependent
LI	RMA (Raymond Moore Auditorium) Lighting			\$1,345,102			5 (B) (2)				\$436,299		
L2	RMA (Raymond Moore Auditorium) Lighting RMA (Raymond Moore Auditorium) Dock Entrance			\$1,545,102			2				\$269,316		
LZ		-			-						2502,210		
L3	Scene Shop Expansion into Maintenance Project Room (without PE											\$432,599	Dependent
14	addition, this remains as Maintenance Project Room) RMA (Raymond Moore Auditorium) Fly Loft				5 5			77 17					
L4		-	10				5. B			63 336 030		\$4,076,824	
M1	World Language Classrooms and Office	-								\$3,226,929		L	
M2	Business Classrooms and Office	-								\$2,185,678			
	Math Classrooms	-						2		\$3,088,084		——————————————————————————————————————	
M4	English and Social Studies Classrooms and English Office	1			8		3			\$2,796,820			
M5	English Classrooms	-						-		\$1,658,499			
N	3rd Floor Classrooms Addition (enables increased classroom sizes and											\$16,971,665	Enabling
	additional collaborative areas)			-			2000 B	42		-			
	Math Office				8			8			\$672,121	L	
02	Social Studies Office	_								4100.000	\$563,811		
	Math Classrooms Clerestory Windows at Corridor									\$193,469		L	
P2	Social Studies Clerestory Windows at Corridor			-		-	1		40.000.000	\$796,866			
Q1	Science Labs		1		2		2		\$5,190,326				
Q2	Science Labs			-					\$5,950,811				
Q3	Science Labs and Office								\$3,248,888				
Q4	Science Flex Lab					-			\$1,457,672	-			
R	3rd Floor Outdoor Terrace		<u>.</u>		8			3. A				\$542,406	
S	3rd Floor Green Roof											\$1,635,142	
Т	2nd Floor Outdoor Terrace and Green Roof											\$1,180,891	
	1st Floor Courtyard	1					. <u>S</u>	6				\$506,191	
v	Maintenance Project Room to Lower Level Fitness Center (without PE		· ·					2				\$489,207	Dependent
51	addition, this remains as Fitness Center)											100 million (100 million)	
w	West Campus Gymnasium Addition											\$14,454,668	
X	West Campus Stadium Secure Ticket Entrance				1		1				\$400,464		
Y	Transitions Program			\$1,777,747			1 · · · · · · · · · · · · · · · · · · ·						
OWNER SOFT						alls	oft cost markups includ	le above					
COSTS			<b>T</b>	<b>r</b>	r		r		1	<b>1</b>	1		
OWNER DIRECT COSTS	Furniture, Technology Equipment, Abatement								\$6,381,408				
0313		\$813,311	\$3,887,662	\$7,973,085	\$4,164,137	\$7,939,851	\$23,543,188	\$2,186,969	\$23,908,957	\$20,697,021	\$11,145,632	\$65,969,458	
					+ 1/20 1/201								
				2022-24 SUMMARY			SUMMARY		2025-26	SUMMARY			
			8	HLS (East & West):	\$686,859	HLS (East & West)	\$1,350,075						
			3	East:	\$8,839,329	East:	\$25,423,374		East:	\$42,414,641	3		
			3	West:	\$6,498,697	West:	\$4,709,590	\$92,113,903	West:	\$2,191,338			
			10		446 004 004								

Total:

\$16,024,884

Total:

\$76,089,018

Total:

\$44,605,979

\$31,483,039

- FMP Updates
  - Prioritization & Budget Updates

May 2020 October 2020 Fall 2021

- FMP Re-Engage
  - Oversight Committee Meeting #20-22 November 2021

December 2021 January 2022

- Educational Assessment
  - Student & Faculty/Staff Surveys
  - Faculty/Staff Meetings
  - Student Survey 2<sup>nd</sup> Round

December 2021 December 2021 January 2022



- FMP Updates
  - Prioritization & Budget Updates

May 2020 October 2020 Fall 2021

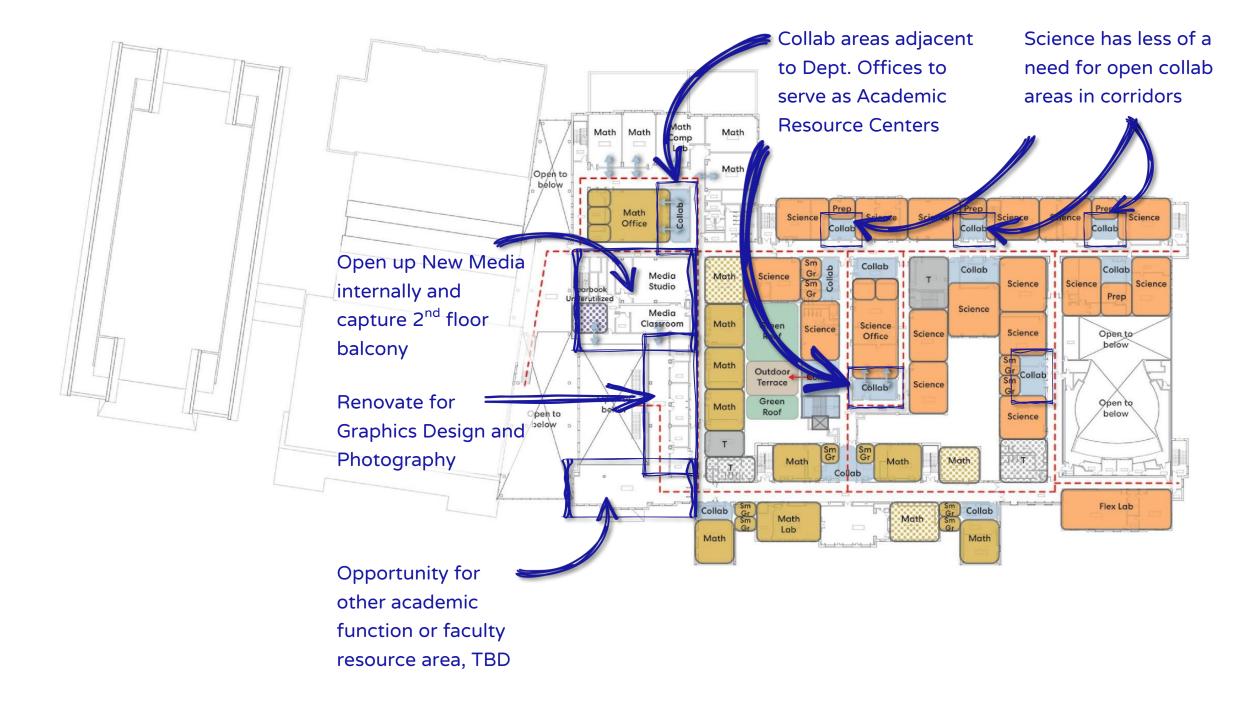
- FMP Re-Engage
  - Oversight Committee Meeting #20-22 November 2021

December 2021 January 2022

- Educational Assessment
  - Student & Faculty/Staff Surveys
  - Faculty/Staff Meetings
  - Student Survey 2<sup>nd</sup> Round

December 2021 December 2021 January 2022





Planned **Facilities** Work 8 Summer 2022



### Planned Facilities Work & Summer 2022

COMPONENT	PROJECT DESCRIPTION	INFRASTRUCTU							
		2021 (FY22)	2022 (FY23)	2023 (FY24)	2024 (FY25)	20			
	ESCALATION YEAR @ 5%/year	2021	2022	2023	2024				
HEALTH AND LIFE SAFETY	Urgent	\$813,311							
HEALTH AND LIFE SAFETY	Required SEE ATTACHMENT A FOR HLS	SCOPE	\$558,003						
HEALTH AND LIFE SAFETY	Recommended					\$1			
B&G CAPITAL PLAN					5				
NON-OPTIONAL	Replace Windows Back of Building		\$785,502						
	Replace Variable Frequency Drive on Chiller #2		\$45,938						
	Burner Control for Boiler #2-East		\$81,375						
	Tile Roof Repair-East		\$36,740						
	Auditorium Portico Slab Replacement		\$32,730						
	Scoreboard for varsity field-West				\$173,203				
1	Roof Life Cycle Replacements East			\$366,568					
	Roof Life Cycle Replacements West			\$1,033,594					
	Replace 4 metal doors on Penthouse-West		\$34,911						
	Resurface back lot where vans park-West		\$155,791						
	Resurface Main Drive-East		\$523,668	1					
	Resurface South Parking Lot -West		\$261,834						
17	Resurface Admin Parking Lot-West		\$261,834						
	Resurface North Parking Lot-West		\$523,668						
3	Replace Brick Pavers In Paver Parking Lot		2						
	Cooling tower drift eliminators and fill		\$34,911						
	Relocate rooftop control panels to inside mech room		\$43,639		í i				
	Install lightning detector at East Campus - completed 2020				ŝ.				

### Planned Facilities Work & Summer 2022

	Replace Brick Pavers In Paver Parking Lot		( Concentration ( )		
	Cooling tower drift eliminators and fill		\$34,911		
	Relocate rooftop control panels to inside mech room		\$43,639		
	Install lightning detector at East Campus - completed 2020				
	Replace irrigation system-east		3	\$91,642	
	Replace stairs in front of library entrance				\$115,468
	Replace Pool Heater				\$76,980
	Replace 84 lights in fieldhouse to LED fixtures			\$36,657	
	Replace (2) sump pumps in pool pump room		2 · · · · · · · · · · · · · · · · · · ·	\$36,657	
	Replace (6) small sized air handlers: Athletics office, Pool locker				
	room, Wrestling room, Ceramics room, Fitness center, Small theatre-				
	Fast			\$344,531	r
	Replace (2) medium sized air handlers: Field house., Auditorium-East	1		() ()	
				\$206,719	
	Replace (2) large S-2 and S-3 air handlers: Front office area-two levels-				
	East			\$310,078	
	Replace (20) entry way/vestibule in-wall cabinet heaters-East		Sector And	\$137,813	
	Replace all victaulic fittings in main boiler room-East		\$115,763		
	Replace (30) stand alone unit heaters-East		\$118,125		0
	Install new deck leveler at loading dock-East		\$59,063		
	Replace (2) pool air handlers-East			\$964,688	
	Replace BAS controls on (26) unit-vents-East		\$85,313		
OPTIONAL	Paint Auditorium			\$91,642	
	Caulk & Paint Trim on Front of Building		1	1	\$96,224
	Replace Main Entrance Stairs				\$115,468
	Grounds Shed			\$641,493	v
	Install UV Filter In Natatorium			\$109,970	
	Change Remain WC Piping from Gal to Copper			1	\$96,224
	Caulk & Paint Trim North End of Building				\$46,188
	Replace Carpet In Lower Level Of Auditorium				\$96,224
	B&G Subtotal	\$0	\$3,200,803	\$4,372,051	\$815,980

### Planned Facilities Work & Summer 2022

Item Number	School	Category / Discipline	Description	Location Name	Location	Quantity	Unit	Original Attachment	Anticipated Correction Calendar Year	Estmated Project Cost	Recommendation to correct violation
A43	LSFHS EAST	Architectural	aluminum door and frame is rusting	Natatorium seating	194	4	door	A	2022	\$24,075.0	replace both east doors from seating area(1double, 3 single)
M3	LSFHS EAST	Mechanical	room used as office, no ventilation	Multiple locations	005A, 005B,017A,0251,052G ,096B,104H,120A,180 E.231B,401	11	LS	A	2022	\$158,896.0	install ventilation
M4	LSFHS EAST	Mechanical	damaged insulation	4th floor roof	roof	1	LS	А	2022	\$38,520.0	repair condenser water and hot water insulation and jacket with aluminum jacketing
M5	LSFHS EAST	Mechanical	no combustion air control damper	mechanical penthouse	403	1	Each	А	2022	\$9,630.0	replace combustion air damper and tie to boilers
M6	LSFHS EAST	Mechanical	exposed HW pipe not insulated	mechanical penthouse	403	1	LS	А	2022	\$11,556.0	insulate HW piping
M7	LSFHS EAST	Mechanical	no ventilation or exhaust	multiple locations	023,232A,199B	1	LS	А	2022	\$24,075.0	install dedicated HVAC and Exhaust
M8	LSFHS EAST	Mechanical	damaged insulation	storage	199G	1	LS	A	2022	\$1,926.0	repair/replace damaged insulation
P9	LSFHS EAST	Plumbing	damaged insulation	sprinkler room	001A	1	LS	A	2022	\$9,630.0	repair/replace damaged insulation
	LSFHS EAST	Architectural	Failing Exterior Windows	East Elevation		78	each	В	2022	\$785,502.00	Complete - Bid Package #1
	LSFHS EAST	Mechanical	Failing VFD Chiller #2	Chiller #2				В	2022	\$45,938.00	replace variable frenquency drive on chiller #2
	LSFHS EAST	Architectural	Damaged Roof Tile	Roof				В	2022	\$36,740.00	tile roof repair
	LSFHS EAST	Structural	Damage at Protico Slab	Auditorium				В	2022	\$32,730.00	portico slab replacement
	LSFHS EAST	Structural	concrete on stair is stained and cracking from rebar. Will likely	exterior stair outside media center	site			в	2022		reconstruct stair / railings
	LSFHS EAST	Structural	concrete on stair is stained and cracking from rebar. Will likely	exterior stair outside auditorium, adjacent to	site				2022		reconstruct stair / railings
		1 (7-10) (10-1) (10-1)				-	8 	В			Construction of the Constr
	LSFHS EAST	Architectural	Panic hardware does not allow proper locking	Room 160	160	2	door	В	2022		replace door and frame
	LSFHS EAST	Civil	Asphalt beyond useful life	Main Drive				В	2022	\$523,668.00	resurface main drive
	LSFHS EAST	Mechanical	Cooling tower drift eleminators	Cooling Tower				В	2022	\$34,911.00	cooling tower drift eliminators and fill
	LSFHS EAST	Mechanical	Rooftop Control Panels	Mechanical Room				В	2022	\$43,639.00	relocate rooftop control panels to inside mech ro
	LSFHS EAST	Mechanical	Victaulic Fittings	Main Boiler Room				В	2022	\$115,763.00	replace all victaulic fittings
	LSFHS EAST	Mechanical	Failing Unit Heaters			30		В	2022	\$118 125 00	replace stand alone unit heaters
	LSFHS EAST	Architectural	Dock Leveler	Loading Dock		50		В	2022		install new deck leveler
	LSFHS EAST			Loading Dock		25		В	2022	and a second second	
WEST	_	Mechanical	BAS controls			26				\$85,313.00	replace BAS controls on unit - vents
A16	LSFHS WEST	Architectural	guardrail not adequate in height and construction	area outside stair ST-C1 and ST-D1	site	32	linear foot	A	2022	\$25,652.0	replace guardrail (each stairway)
M10	LSFHS WEST	Mechanical	room used as office, no ventilation	storage(used as office)	2145 and 2155	2	LS	А	2022		install ventilation
M11	LSFHS WEST	Mechanical	pressirozation issues, doors won't close	lunchroom/storage	2156 AND 2157	1	LS	A	2022		determine cause and repair
P11	LSFHS WEST	Plumbing	backflow preventer installed in an inacessible location	boiler room	3	1	each	A	2022		relocate double detector check backflow
A28	LSFHS WEST	Architectural	Damaged exterior door	Loading Dock	Loading Dock	3	each	В	2022		replace door and frame
H20	LSFHS WEST	Architectural Civil	Damaged exterior doors Asphalt beyond useful life	Penhouse Back Lot where vans Park	Penthouse Site	4	each	B	2022		replace 4 metal doors resurface back lot where vans park-
	LSFHS WEST	Civil	Asphalt beyond useful life	South Parking Lot	Site			B	2022 2022		resurface back for where vans park- resurface south parkign lot
	LSFHS WEST	Civil	Asphalt beyond useful life	Admin Parking Lot	Site			B	2022		Resurface admin parking lot
	LSFHS WEST	Civil	Asphalt beyond useful life	North Parking Lot	Site			B	2022		resurface north parking lot
	LIFTIS WEST			the state of the s	one			D	2022	\$525,000.00	Contract in the participation
						1			j i		
8									2022 Scope Total	\$3,677,318	

 LFHS EAST (Attachment A)
 \$278,308

 FHS WEST (Attachment A)
 \$73,802

 LFHS EAST (Attachment B)
 \$2,149,362

 LFHS WEST (Attachment B)
 \$1,238,038









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Please tell us about your Facilities Master Plan Forum and tour experience.



# THANK YOU!

