

# ALLEN PARK PUBLIC SCHOOLS

Riley Education Center ▪ 9601 Vine Avenue  
Allen Park, MI 48101  
313-827-2150 ▪ 313-827-2151 (FAX)

## ALLEN PARK BOARD OF EDUCATION VIRTUAL REGULAR MEETING MINUTES ▪ NOVEMBER 9, 2020

DRAFT ☐

APPROVED ☒

The virtual regular meeting of the Allen Park Board of Education was held on Monday, November 9, 2020. The district live streamed the meeting via the district YouTube account.

Virtual Regular meeting called to order/Instruction for Public Comments: Mr. Gordon Miller

Pledge of Allegiance

Roll Call/Present: Filipiak, Klein, MacDonald, Miller, Moynihan, Shearer, Warren

Absent: None

2020-115	<p>Motion by Moynihan, supported by Klein, that the consent agenda items be approved as presented:</p> <ul style="list-style-type: none"><li>▪ Approval of November 9, 2020 agenda</li><li>▪ Approval of meeting minutes for September 14, September 17, September 30, October 12 and October 12 work session minutes</li><li>▪ Approval of registers: 10/9/2020=\$87.50, 10/16/2020=\$182.06, 10/19/2020=\$4,291.92, 10/22/2020=\$242,210.71, 10/23/2020=\$1,362.92, 10/29/2020=\$5,736.29, 10/30/2020=\$14,675.00</li><li>▪ Approval of wire transfers: 10/10/2020 thru 11/5/2020=\$1,299,098.47</li></ul> <p>Yeas: Filipiak, Klein, MacDonald, Miller, Moynihan, Shearer, Warren Nays: None Absent: None</p> <p>Motion carried.</p>
	<p><i>President's Communication:</i> None at this time.</p>
	<p><i>Reading of Communications:</i> None at this time.</p>
	<p><i>May 2021 Bond Planning Overview Presentation</i></p> <ul style="list-style-type: none"><li>▪ Stephanie Hachey, Dale Jerome, Lyndsay Johnson-LaMieux</li></ul> <p>Stephanie Hachey, Project Manager/Barton Malow, provided an overview of the bond planning schedule thus far, and facility findings, which includes:</p> <ul style="list-style-type: none"><li>→ Site Work – Replacing aging parking lots and sidewalks</li><li>→ Building Exterior – Replacement of aging roofs</li><li>→ Building Interior – Update APHS Media Center and Science Rooms</li><li>→ Mechanical System – Replace aging boilers, classroom unit ventilators, add A/C to classrooms and replace plumbing fixtures</li><li>→ Electrical Systems – Upgrade lighting to energy efficient LED and replace emergency/exit lighting</li><li>→ Athletics – Install synthetic turf at stadium, upgrade press box and bleachers, upgrade APHS track, upgrade APMS fields and upgrade APMS track</li></ul> <ul style="list-style-type: none"><li>▪ Dale Jerome, French Associates Architect, provided STEM addition concepts for elementary buildings, STEM/Robotics Center renovation concept project for APMS and APHS Weight Room to Robotics concept project for APHS.</li><li>▪ Lyndsay Johnson-LaMieux, Technology/Barton Malow, shared safety and security options for consideration, network and wireless infrastructure needs, as well as classroom technology such as interactive displays, replacement document cameras, classroom sound systems, technology lockers and refresh computers/mobile devices for 1:1 program sustainability. (PowerPoint presentation incorporated into meeting minutes).</li></ul>
	<p><i>Citizens Comments: (Pertaining to agenda items)</i></p> <ul style="list-style-type: none"><li>▪ Michele Ash-Aguirre expressed concern regarding spread of COVID-19 in relation to the continuation of high school sports, as well as concern for gym class within a return to in-person learning environment.</li><li>▪ Nick Kudla reached out with a concern regarding the proposal to re-purpose the pool at APMS to a</li></ul>

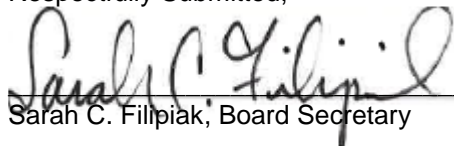
	<p>STEM lab/curriculum, emphasizing the importance of the Barracuda Swim Club Program and Panther Swim Team.</p> <ul style="list-style-type: none"> <li>▪ Amanda Beck requested clarification on the data/positivity rate and guidelines used to determine a return to in-person instruction.</li> <li>▪ Michael Porter asked about STEM activities planned in determining the size of the proposed STEM labs for APMS and the elementary buildings.</li> <li>▪ Sarah Riley asked about the (APMS) classroom sound systems proposed in bond planning, and also asked if teacher training on technology can be built into a bond proposal.</li> <li>▪ Laura Luecke applauded the swim and dive coaches in APPS and asked whether they have been consulted with in regard to the proposed changes to the APMS pool. Mrs. Luecke also asked if the APHS pool can accommodate the schedule for all district swim programs.</li> </ul>
2020-116	<p><i>Personnel:</i></p> <p><i>A. Employments/Services:</i></p> <p>Motion by Warren, supported by MacDonald, that that the recommendations for employment and services be approved by the Board for the individuals as presented:</p> <ul style="list-style-type: none"> <li>▪ Donna Anderson – Lunch Parapro/Bennie – Effective 11/2/2020</li> <li>▪ Sydney Bain – Volunteer Cheer Coach/APMS – Effective 10/10/2020</li> <li>▪ Sarah Chafins – Lunch Parapro/Arno – Effective 10/20/2020</li> <li>▪ Jacob Chapman – Varsity Wrestling Head Coach/APHS – Effective 11/10/2020</li> <li>▪ December Fox – Lunch Parapro/Arno – Effective 10/20/2020</li> <li>▪ Jennifer Hanik – Food Service/APHS – Effective 10/12/2020</li> <li>▪ Sara Klonowski – Lunch Parapro/Lindemann – Effective 10/19/2020</li> <li>▪ Dan Loyd – Varsity Wrestling Assistant Coach/APHS – Effective 11/10/2020</li> <li>▪ Tim O'Connell – Volunteer Soccer Coach/APMS – Effective 9/28/2020</li> <li>▪ Karen Villanueva – Lunch Parapro/Lindemann – Effective 10/19/2020</li> <li>▪ Michelle Yowler – Latchkey/Lindemann – Effective 10/19/2020</li> <li>▪ Rachel Zacny – Volunteer Freshman Volleyball Coach/APHS – Effective 9/28/2020</li> </ul> <p>Yeas: Filipiak, Klein, MacDonald, Miller, Moynihan, Shearer, Warren  Nays: None  Absent: None</p> <p>Motion carried.</p> <p><i>B. Retirements/Resignations</i></p> <p>We have received and accepted the following retirements/resignation:</p> <ul style="list-style-type: none"> <li>▪ Sandi Keossian – Media Center Tech/Lindemann – Retirement Effective 10/30/2020 (27 Years of Service)</li> <li>▪ Dan Loyd – Varsity Wrestling Head Coach/APHS – Effective 10/15/2020</li> <li>▪ Victoria Richards – Girls' Freshman Basketball Coach/APMS – Effective 11/2/2020</li> <li>▪ Karin Trudell – Latchkey Supervisor/Lindemann – Retirement Effective 10/16/2020 (17 Years of Service)</li> <li>▪ Cheryl Ziegler – Food Service/APCS – Effective 10/16/2020</li> </ul> <p>On behalf of the Board of Education, Mr. Darga recognized Sandi Keossian and Karin Trudell for their many years of exemplary service to the students and families of Allen Park Public Schools. Sandi and Karin, your hard work, dedication and positive attitude have greatly benefitted the students you served, and you have the sincere appreciation of their families and the entire school community. On behalf of the Board of Education, we hope that your retirement will bring you good health, joy and fulfillment. We wish you the very best!</p>
2020-117	<p><i>Old Business:</i></p> <p><i>1. Extended COVID-19 Learning Plan – Re-Confirm Instructional Delivery Plan</i></p> <p>Since the Extended COVID-19 Learning Plan was approved, the board must meet to: reconfirm delivery of instruction, solicit public comment on how instruction is going to be delivered, and publicly announce weekly 2-way interaction rates every 30 days.</p> <p>The district shall report to the Center for Educational Performance and Information (CEPI), the instructional delivery method that was reconfirmed, how that instruction will be delivered for each grade level offered by the district, and whether or not, as determined by the MDE, in consultation with CEPI, the district is offering higher levels of in-person instruction for English language learners, special education students or other specified populations.</p>

	<p>Motion by Moynihan, supported by Warren, that the Allen Park Board of Education re-confirm the mode of instruction, which includes the continuation of remote learning, while monitoring the 14-day rolling average for Wayne County, utilizing the COVID Act Now site, for 14 consecutive days at a positivity rate of less than 5%, for a safe return to in-person instruction per the COVID Extended Learning Plan. And further, the Board of Education will reconfirm how instruction will be delivered every 30 days.</p> <p>Yeas: Filipiak, Klein, Miller, Moynihan, Shearer, Warren  Nays: MacDonald  Absent: None</p> <p>Motion carried.</p>
	Introduction of New Business:
2020-118	<p><i>Resolution Regarding the Open Meetings Act</i>  Senate Bill 1108 recently passed by the Senate and House and signed by Governor Whitmer amends the Open Meetings Act to permit virtual meetings and allow individual board members to virtually participate and vote in public meetings under specific circumstances. The resolution offered this evening is for use during the period of time provided through the statutory amendment in lieu of recommending a temporary board policy change. As amended, the Open Meetings Act allowed for the continuation of virtual meetings for any circumstances through the end of this year, December 31, 2020 and provides retroactive application to deem as valid all virtual meetings that have taken place since March 18, 2020, under the now defunct executive orders.</p> <p>Motion by Moynihan, supported by Filipiak, that the Allen Park Public Schools Board of Education adopt the Resolution Regarding the Open Meetings Act as presented.</p> <p>Yeas: Filipiak, Klein, Miller, MacDonald, Moynihan, Shearer, Warren  Nays: None  Absent: None</p> <p>Motion carried.</p>
2020-119	<p><i>Annual Summer Tax Resolution</i>  Pursuant to Revised School Code Section 1613, school districts are required to renew/invoke authorization for summer tax levy of either 50% or 100% on an annual basis by December 31. The Board has authorized a 100% summer tax levy for the past few years, and we wish to renew authorization for the continuation.</p> <p>Motion by Moynihan, supported by Warren, that the Allen Park Board of Education adopt the Summer Tax Resolution for 2021 as presented.</p> <p>Yeas: Filipiak, Klein, Miller, MacDonald, Moynihan, Shearer, Warren  Nays: None  Absent: None</p> <p>Motion carried.</p>
	<p><i>Special Presentation</i>  2019-20 School District Audit</p> <ul style="list-style-type: none"> <li>▪ Nathan Baldermann, CPA, CGFM – Rehmann</li> </ul> <p>Mr. Baldermann introduced the audit team and provided board members with the following report:</p> <ul style="list-style-type: none"> <li>○ Independent Auditors' Report – Unmodified ("clean") opinion</li> <li>○ Report on Internal Controls – No material weaknesses or significant deficiencies identified</li> <li>○ Single Audit – Report on Major Program – Unmodified "clean" opinion on Special Education Cluster (IDEA)</li> <li>○ Single Audit – Report on Internal Controls – No material weaknesses or significant deficiencies identified</li> </ul> <p>Financial Statement Elements discussed:</p> <ul style="list-style-type: none"> <li>○ Management's Discussion &amp; Analysis</li> <li>○ Basic Financial Statements (Government-wide financial statements, Fund financial statements and Notes to the financial statements)</li> <li>○ Required Supplementary Information (MPSERS Cost-Sharing Multiple-Employer Plan Schedules)</li> <li>○ Supplementary Information</li> <li>○ Fund Financial Statements – Net Position: \$6,225,761 (12.18%)</li> </ul> <p>The PowerPoint is incorporated into the November 9 meeting minutes.</p>
	<p><i>Superintendent's Report:</i></p> <ul style="list-style-type: none"> <li>▪ Successful Audit</li> </ul>

	<p>Shout out to Mrs. Tiffany Kieth and the Finance Department – APPS has never hit a 12+% fund balance – keep up the great work Joannie, Karen and Amanda! This is also the result of the outstanding work of the district's leadership team as well as all district staff.</p> <ul style="list-style-type: none"> <li>▪ Election Results <ul style="list-style-type: none"> <li>○ <b>Allen Park Board of Education</b></li> </ul> </li> </ul> <p>In response to public notice, seven civic-minded individuals expressed interest in the five open seats on the Allen Park Board of Education. The Allen Park School Community thanks these outstanding individuals for their interest in serving their community.</p> <p>This evening, I am pleased to announce and congratulate the following elected candidates to the Allen Park Board of Education:</p> <p>4 year term: (1/1/2021-12/31/2024)</p> <ul style="list-style-type: none"> <li>▪ Mrs. Sarah Crawford Filipiak</li> <li>▪ Mr. Gordon A. Miller</li> <li>▪ Dr. Jennifer Warren</li> </ul> <p>2 year term: (1/1/2021-12/31/2022)</p> <ul style="list-style-type: none"> <li>▪ Mrs. Laura M. Luecke &amp; Mr. Stephen D. Martin</li> </ul> <p>The insight, concern for the well-being of all students, and professional experiences of these civic-minded individuals will contribute significantly to the Allen Park Public Schools. We are grateful to them for their dedication to the students of Allen Park and commitment to quality public education.</p> <p>The district will recognize and honor our outgoing members, Mr. Rick Moynihan and Mr. Patrick Shearer, at the December Board of Education meeting. It has been a privilege to work with both of you.</p> <ul style="list-style-type: none"> <li>○ <b>Wayne County Regional Enhancement Millage</b></li> </ul> <p>Special thanks to AP voters for supporting the Wayne County Regional Enhancement Millage. This millage renewal will continue to provide critical financial support for Allen Park Public Schools and local districts faced with state budget cuts and enormous financial challenges, as well as allow the district to continue to improve the quality of education our students receive. With 100% of Wayne County precincts reporting on this issue, the final tally is – Yes 68.02% / No 31.98%. This is great news for our students and school community!</p> <ul style="list-style-type: none"> <li>▪ <b>Universal Social Emotional Survey</b></li> </ul> <p>The district's social work team has developed a universal social emotional survey that will be disseminated to all K-12 AP families soon. In addition, all secondary students will receive their own survey via email. This is consistent with the strong recommendation from MDE that a universal social-emotional screening be administered by school districts this school year.</p> <p>The responses will be kept highly confidential and reviewed by building level social workers, who may collaborate with principal and school counselors as needed. We know these have been difficult and stressful times. Some families and students are doing well, and some families and students may be struggling. The social work team is checking in to see how families are doing, to better care for and provide resources as needed. Kudos to Dr. Sokol and the social work team for caring about the needs and feelings of our families, always, but especially during this global pandemic.</p> <ul style="list-style-type: none"> <li>▪ <b>May 2021 Bond – Next Steps</b></li> </ul> <p>At the October board work session, and again today, representatives from Barton Malow and French &amp; Associates provided an overview of a bond planning presentation, which included facility findings, program improvements, technology findings, furniture and equipment needs, as well as a cost summary.</p> <p>On Friday, December 11 a meeting is scheduled with the Michigan Department of Treasury, Barton Malow, French and Associates (project architects), Baker Tilly (district financial consultants) and Thrun Law Firm to finalize the Preliminary Qualification Application. The Preliminary Qualification Application will be brought to the Board of Education for consideration on December 14.</p> <p><i>Citizens Comments: (Pertaining to non-agenda items)</i></p> <ul style="list-style-type: none"> <li>▪ Nicole Bundas expressed concerns regarding remote learning related to Technology Education Classes, specifically woodshop and CAD.</li> <li>▪ Nicole Dzikowicz asked about the possibility of hybrid or full remote classes with AP teachers as she feels the Calvert curriculum is not age appropriate for her children.</li> <li>▪ Jennifer Jacobs thanked all for keeping the safety of students at the forefront and expressed interest in moving the half day, currently Wednesday, back to Friday while students are in remote learning.</li> </ul>
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	<ul style="list-style-type: none"> <li>Jeni Sauve shared concerns regarding requirements for online/remote learning in terms of shortened or cancelled planned instructional time. She also thanked teachers who have gone above and beyond to make education a priority.</li> </ul>
	<p><i>Reports of Officers:</i></p> <ul style="list-style-type: none"> <li>Mrs. MacDonald congratulated newly elected and re-elected members of the Board of Education. She thanked Tiffany Keith and team for great work leading up to the district's audit and also thanked district maintenance staff for the excellent work maintaining the buildings as mentioned by Barton Malow. Mrs. MacDonald also thanked the Technology Department for everything they are doing and also thanked this evening's presenters. In closing, Mrs. MacDonald congratulated the recent retirees and thanked them for their service.</li> <li>Mrs. Filipiak thanked the Allen Park Community and is honored to served the school community for an additional four years. Mrs. Filipiak thanked Tiffany Keith and her team for their outstanding efforts and thanked teachers for providing worthwhile experiences and the best education possible under the circumstances.</li> <li>Mr. Shearer thanked staff, administration, teachers, parents and families for pulling together during these challenging times. Mr. Shearer appreciated surveying students/parents/guardians in regard to the social-emotional well-being of our students. He also congratulated those running for school board election, stating that it takes courage to run. Wow... on the audit and in closing, Mr. Shearer conveyed the concepts/proposals presented by Barton Malow are very exciting.</li> <li>Mr. Klein shared congrats with those newly elected members of the Board of Education and also gave a shout out to Zane Belisle and Jennifer Jacobs – it's tough to run, and thanked them for throwing their name into the hat. Mr. Klein thanked district staff for making it the best they can and also thanked district families for their patience.</li> <li>Dr. Warren echoed comments by fellow board members and thanked the school community for the humbling experience in regard to electing her into office. Board members are trying to do the best they can, and she congratulated newly elected members as well as a shout out to Zane and Jennifer—people who are looking out for our district. Dr. Warren thanked Tiffany Keith for her fine work. She also commented on the citizen/mother who expressed concern for shortened and/or cancelled remote school days; the district will look into.</li> <li>Mr. Moynihan echoed sentiments expressed by fellow board members – carry on!</li> <li>Mr. Miller shared news of a volleyball playoff game tomorrow and also asked about the use of the APHS Weight Room during the school day given the concept/proposal presented by Barton Malow this evening. In closing, Mr. Miller thanked the voters of the Allen Park School Community for the continued trust. (This was Mr. Miller's 5<sup>th</sup> time on the ballot for member of the AP Board of Education)</li> </ul>
2020-120	<p><i>Closed Session</i></p> <p>Motion by MacDonald, supported by Warren, that the meeting be recessed at 10:11 p.m. to consider attorney-client privilege information in compliance with Section 8(h) of the Michigan Open Meetings Act and to conduct a periodic personnel evaluation of the Superintendent in compliance with Section 8(a) of the Michigan Open Meetings Act.</p> <p><i>Roll Call Vote:</i></p> <p>Yeas: Filipiak, Klein, Miller, MacDonald, Moynihan, Shearer, Warren</p> <p>Nays: None</p> <p>Absent: None</p> <p>Motion carried.</p>
2020-121	Motion by Moynihan, supported by MacDonald, that the closed session be adjourned and return to the regular open session at 10:49 pm.
2020-122	Motion by Moynihan, supported by MacDonald, that the meeting adjourn at 10:49 p.m.

Respectfully Submitted,



Sarah C. Filipiak, Board Secretary

# ALLEN PARK PUBLIC SCHOOLS

BOND PLANNING UPDATE

NOVEMBER 9, 2020

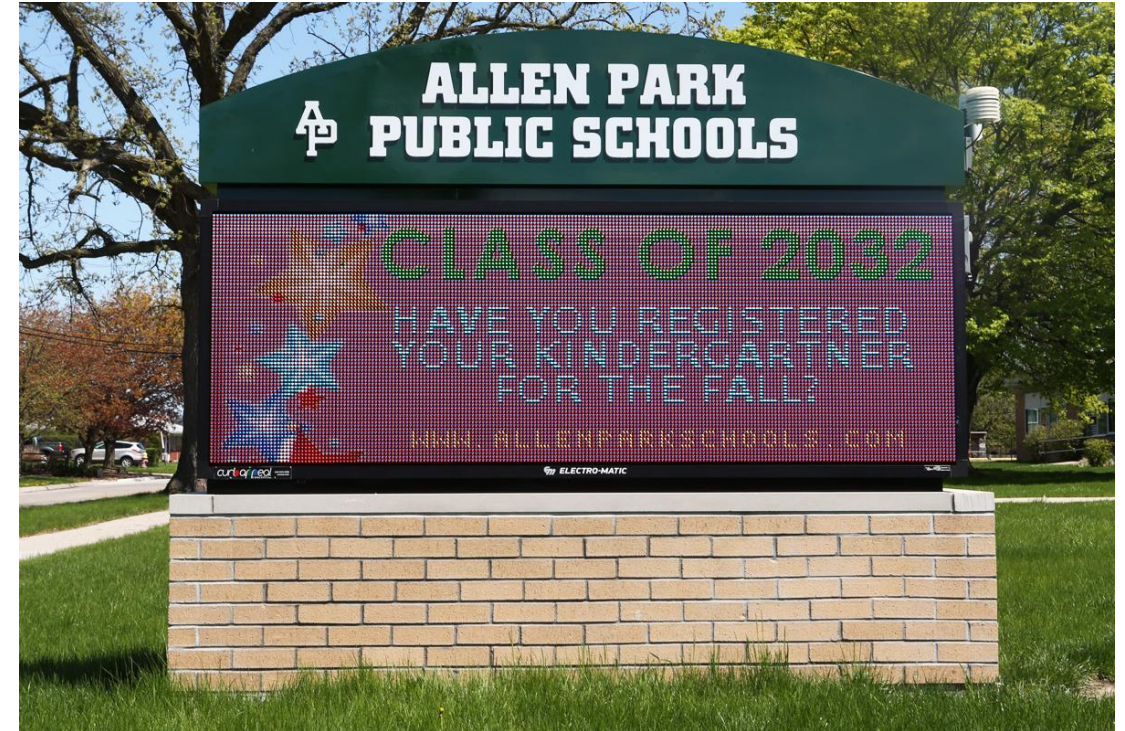
**Barton**  
**Malow**





# AGENDA

- OVERVIEW
- FACILITY FINDINGS
- PROGRAM IMPROVEMENTS
- TECHNOLOGY FINDINGS
- FURNITURE / EQUIPMENT
- COST SUMMARY
- NEXT STEPS



# BOND PLANNING

## OVERVIEW

**Barton**  
**Malow**



FRENCH  
associates  
architects



# BOND PLANNING

## OVERVIEW

- Toured Facilities: 6/23/20 & 7/10/20
- Kick-Off Meeting: 7/28/20
- Status Meetings: 8/18/20 & 9/3/20
- Developed project worklists
- Quantified items & developed cost estimate
- Categorize / prioritize
- Board Work Session: 10/12/20

Category	Subcategory	Description
SITING WORK		
Paving Work		
repave service area lot		
repave staff parking - north		
repave staff parking lot - west		
repave south drop off lane		
repave east drop off lane		
play pad		
replace sidewalks		
Site Improvements		
update playground equipment		
improve playground surface		
update landscaping		
install dumpster enclosure		
INSTRUCTIONAL TECHNOLOGY		
Computers & Mobile Devices		
teacher computers		
teacher devices		
student devices - series 2 refresh		
student devices - series 3 refresh		
charging locker stations		
instructional technology		
instructional technology-series 2		

ALLEN PARK PUBLIC SCHOOLS										Grades: PK-5	
2021 BOND PROGRAM										Teaching Stations: 23	
ARNO ELEMENTARY										Capacity: 440	
7500 Fox, Allen Park, MI 48101										Enrollment: 488	
Building Project Work List										Date: 8/1/20	
PRELIMINARY - FOR DISCUSSION PURPOSE ONLY											
Year Built: 1949											
Site Acreage: 52,000											
Building Size: 52,000 (approximate)											
Category	Subcategory	Description	Qty.	Unit	Unit Cost	Direct Cost	Total w/ G.C. & escalation	Total w/ Indirect Costs	Notes	Category	Series
REMODELING											
Roofing Work											
		replace roof	52,000	sqft	8.00	416,000	\$477,302	\$598,537		2	1
			52,000	sqft			\$477,302	\$598,537			
Architectural Work											
		ceiling - corridors	7,800	sqft	6.00	46,800	\$53,497	\$47,335	for mechanical work	2	1
		ceiling - other	10,200	sqft	6.00	61,200	\$70,219	\$88,054	select locations	2	1
		flooring - other	10,200	sqft	8.00	81,600	\$93,625	\$117,405	select locations	2	1
		update toilet rooms	4	each	50,000.00	200,000	\$229,472	\$287,758		2	1
		remodel space for STEM	1,200	sqft	380.00	360,000	\$413,050	\$517,965	OR ADDITION	9	1
							\$640,962	\$1,078,518			
Mechanical Work											
Plumbing work											
		toilet fixtures	1	alto	50,000.00	50,000	\$57,368	\$71,940	touchless	6	1
HVAC Systems											
		replace boiler system	1	ipsm	200,000.00	200,000	\$229,472	\$287,758	2 boilers, pumps, piping	2	1
		classroom units	25	each	15,000.00	375,000	\$430,260	\$539,547		2	1
		add AC to classroom units	25	each	12,500.00	312,500	\$358,550	\$449,622		2	1
Integrated Automation											
		upgrade temperature controls	52,000	sqft	2.00	104,000	\$119,326	\$149,634	for AC upgrade	2	1
Electrical Work											
Power											
		power for mechanical work	25	each	750.00	18,750	\$21,513	\$26,977		2	1
		power to support technology	6	each	750.00	4,313	\$4,948	\$6,205		4	1
Lighting											
		upgrade exterior building lighting	16	each	1,000.00	16,000	\$18,358	\$23,021		7	1
		upgrade interior lighting - corridors	7,800	sqft	9.00	70,200	\$80,545	\$101,003		7	1
		upgrade interior lighting - classrooms	25,000	sqft	9.00	225,000	\$258,154	\$323,728		7	1
		upgrade interior lighting - large rooms	9,000	sqft	9.00	81,000	\$92,936	\$116,542	gym, café, media	7	1
		upgrade interior lighting - other	10,200	sqft	9.00	91,800	\$105,328	\$132,081		7	1
		update emergency/exit lighting	52,000	sqft	0.25	13,000	\$14,916	\$18,704		7	1
							\$594,700	\$748,261			
							\$3,129,041	\$3,923,817			
Technology Infrastructure											
			5,000	5,000	\$5,737	\$7,194				4	1
			3,000	9,000	\$10,326	\$12,949				4	1
			5,500	16,500	\$18,931	\$23,740			one Extreme switch per clo.	4	1
			4,000	6,000	\$6,884	\$8,633				4	1
			3,300	49,500	\$56,794	\$71,220				4	1
			2,000	12,000	\$13,768	\$17,265				4	1
			1,800	000	\$6,131	\$5,180				4	1
			0.80	41,600	\$47,730	\$59,854			upgraded in 2020 Erate	5	2
			200	5,800	\$6,655	\$8,345			second connection to WAP	4	1
			1.00	52,000	\$59,663	\$74,817				4	1
			0.25	13,000	\$14,916	\$18,704				4	1
						\$245,535	\$307,901				
			5,000	5,000	\$5,737	\$7,194				4	1
			3,000	9,000	\$10,326	\$12,949				4	1
			1.00	52,000	\$59,663	\$74,817				4	1
						\$228,325	\$286,319				
						\$473,860	\$594,221				
						\$3,602,901	\$4,518,038				

ALLEN PARK PUBLIC SCHOOLS													
2021 BOND PROGRAM													
PRELIMINARY - FOR DISCUSSION PURPOSE ONLY													
SUMMARY BY SCHOOL - CATEGORY											DATE: 7/1/2020		
FACILITY	1 Infrastructure (1-3 years)	2 Infrastructure (4-6 years)	3 Infrastructure (7-10 years)	4 Technology Needs	5 Technology Refresh	6 Safety Security	7 Energy Savings	8 FFE Needs	9 other	10 other	TOTAL		
1 Arno Elementary	0	2,951,752	0	891,359	701,659	71,940	715,079	195,000	517,965	0	6,044,753		
2 Bennie Elementary	0	3,014,915	0	788,504	713,629	71,940	715,079	195,000	517,965	0	6,017,031		
3 Lindemann Elementary	0	3,534,534	0	1,043,261	939,417	71,940	845,290	220,000	517,965	0	7,172,406		
4 Allen Park Middle School	0	5,522,512	0	1,435,572	1,275,107	143,879	1,685,364	498,750	5,395,466	0	15,956,651		
5 Allen Park High School	5,453,018	11,237,534	0	3,162,341	1,514,106	287,758	2,764,277	1,165,000	1,726,549	0	27,310,583		
6 Riley Center	0	2,000,207	0	843,663	265,422	71,940	579,113	105,000	3,596,978	0	7,462,323		
7 Operations Building	0	558,251	0	77,191	8,057	0	100,356	615,000	0	0	1,358,855		
TOTAL	5,453,018	28,819,704	0	8,241,892	5,417,397	719,396	7,404,558	2,993,750	12,272,888	0	71,322,602		
Infrastructure 1-2 Subtotal:	34,272,722			Tech Subtotal:		13,659,288							
Infrastructure 1-3 Subtotal:				34,272,722									
Notes:													
costs include indirect costs such as contingency, general conditions and professional fees						TARGET:	69,500,000		Underwriting allowance:			tbd	
											Bond issuance cost allowance:		tbd
											Estimated interest income:		tbd
											TOTAL BOND PROGRAM:		tbd



# BOND PLANNING

## FACILITY FINDINGS

Barton  
Malow



# FACILITY FINDINGS

## SITE WORK

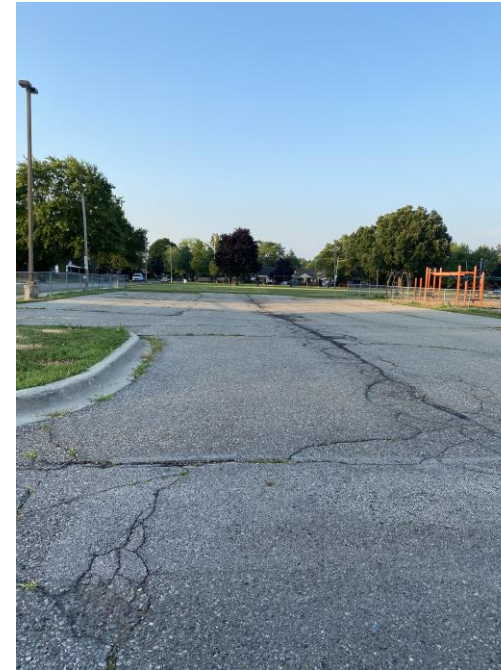
- Replace aging parking lots
- Replace sidewalks



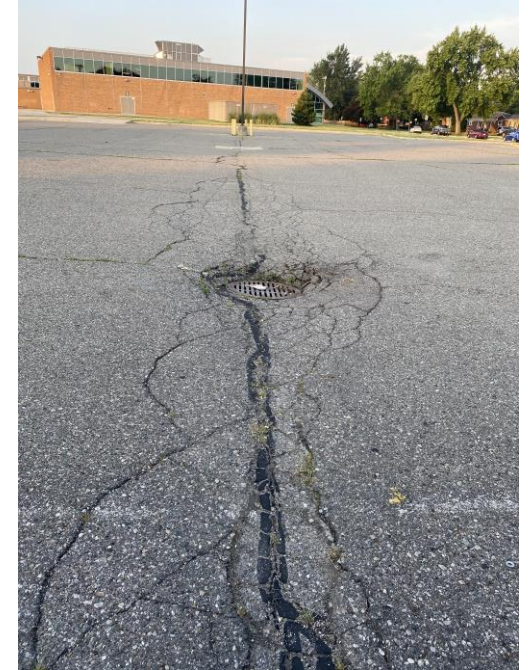
High School



Arno Elementary



Lindemann Elementary



Middle School

**COST RANGE:**  
\$4.9M - \$5.1M

# FACILITY FINDINGS

## BUILDING EXTERIOR

- Replace aging roofs



High School

## COST RANGE:

\$5.8M - \$6M



# FACILITY FINDINGS

## BUILDING INTERIOR

- Update high school media center
- Update high school science rooms
- Update flooring



High School

## COST RANGE:

\$5.3M - \$5.8M



# FACILITY FINDINGS

## MECHANICAL SYSTEMS

- Replace aging boilers
- Replace classroom unit ventilators
- Add A/C to classrooms
- Replace plumbing fixtures



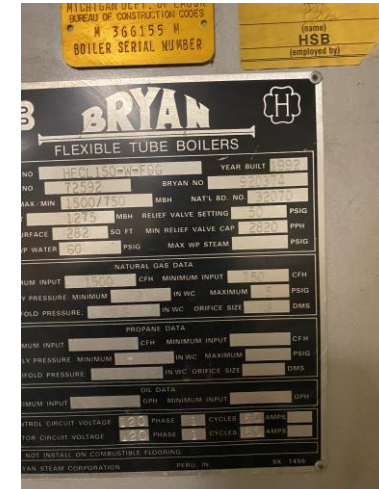
Toilet room



Classroom unit



Boiler pumps



Boilers - 1992

**COST RANGE:**  
\$12.5M

# FACILITY FINDINGS

## ELECTRICAL SYSTEMS

- ▣ Upgrade lighting to energy efficient LED
- ▣ Replace emergency/exit lighting

**COST RANGE:**  
\$5M - \$7.5M



Arno Elementary School



High School



# FACILITY FINDINGS

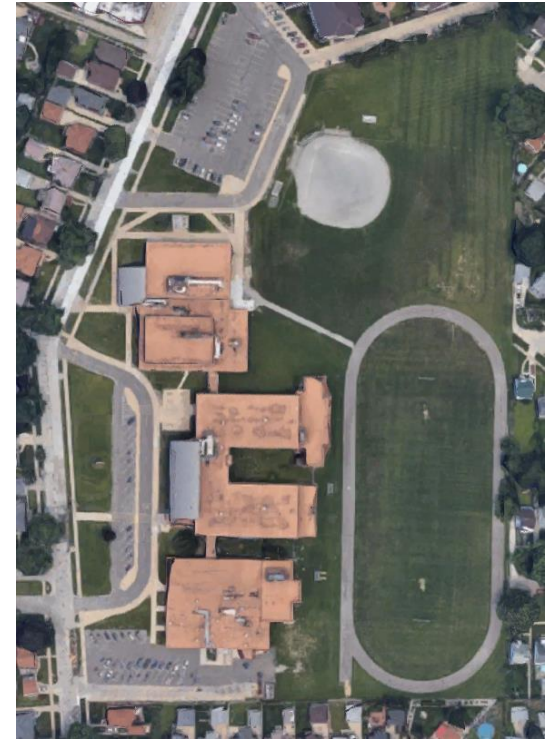
## ATHLETICS

- Install synthetic turf at stadium
- Upgrade press box & bleachers
- Upgrade high school track
- Upgrade middle school fields
- Upgrade middle school track

High School Stadium Entry



Middle School Ballfield



## COST RANGE:

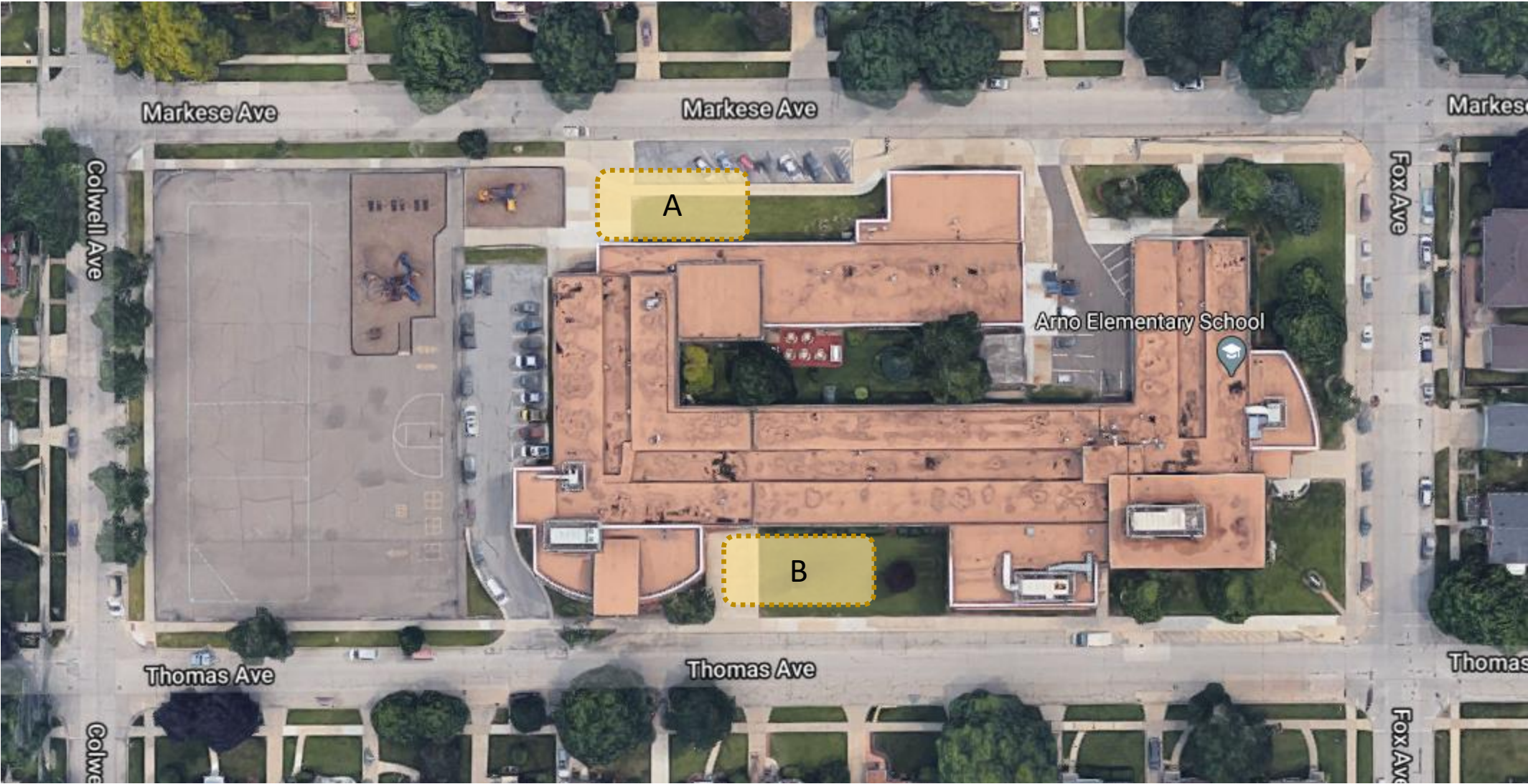
\$6.5M - \$7M

# **BOND PLANNING**

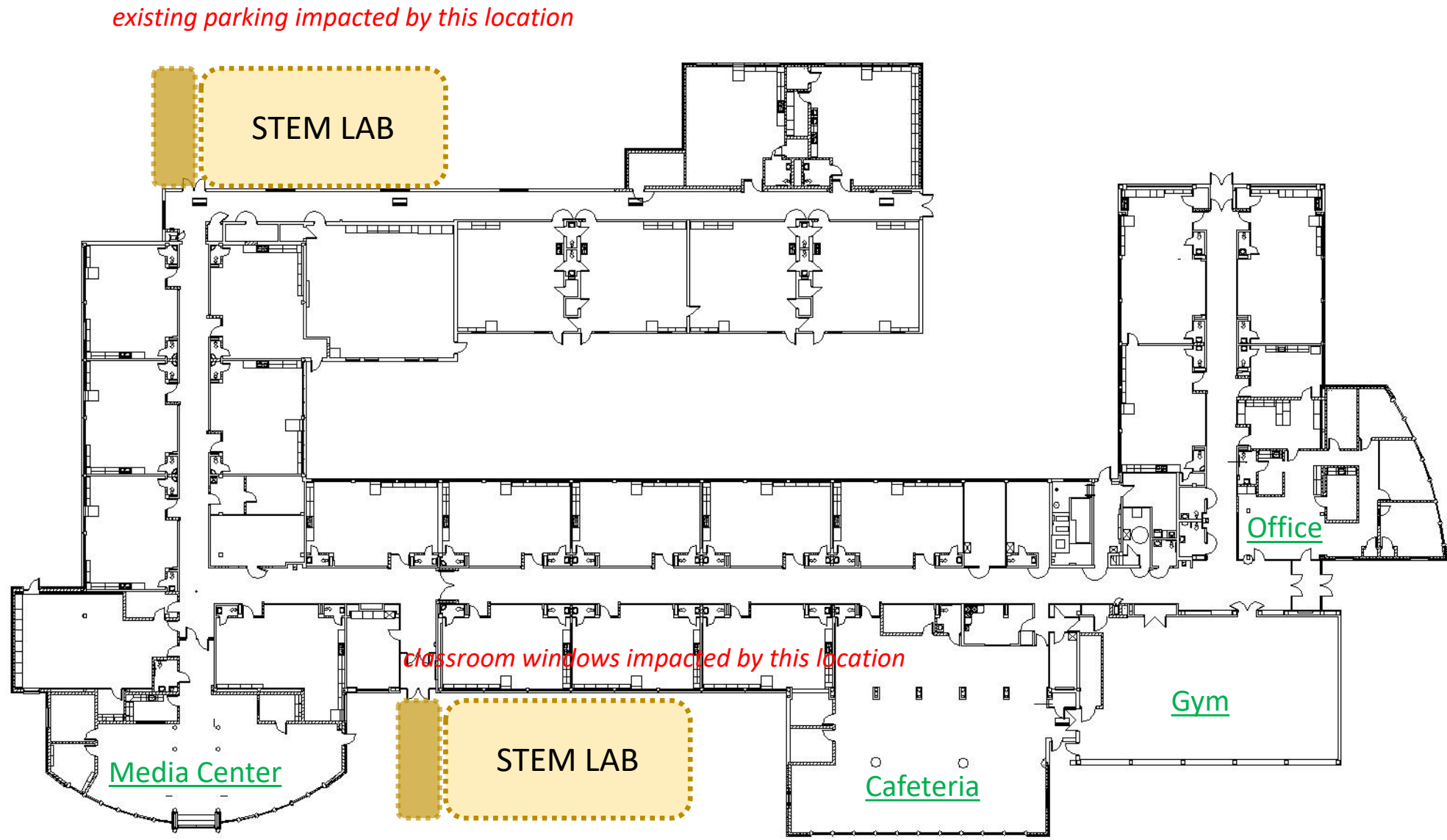
## **PROGRAM IMPROVEMENTS**



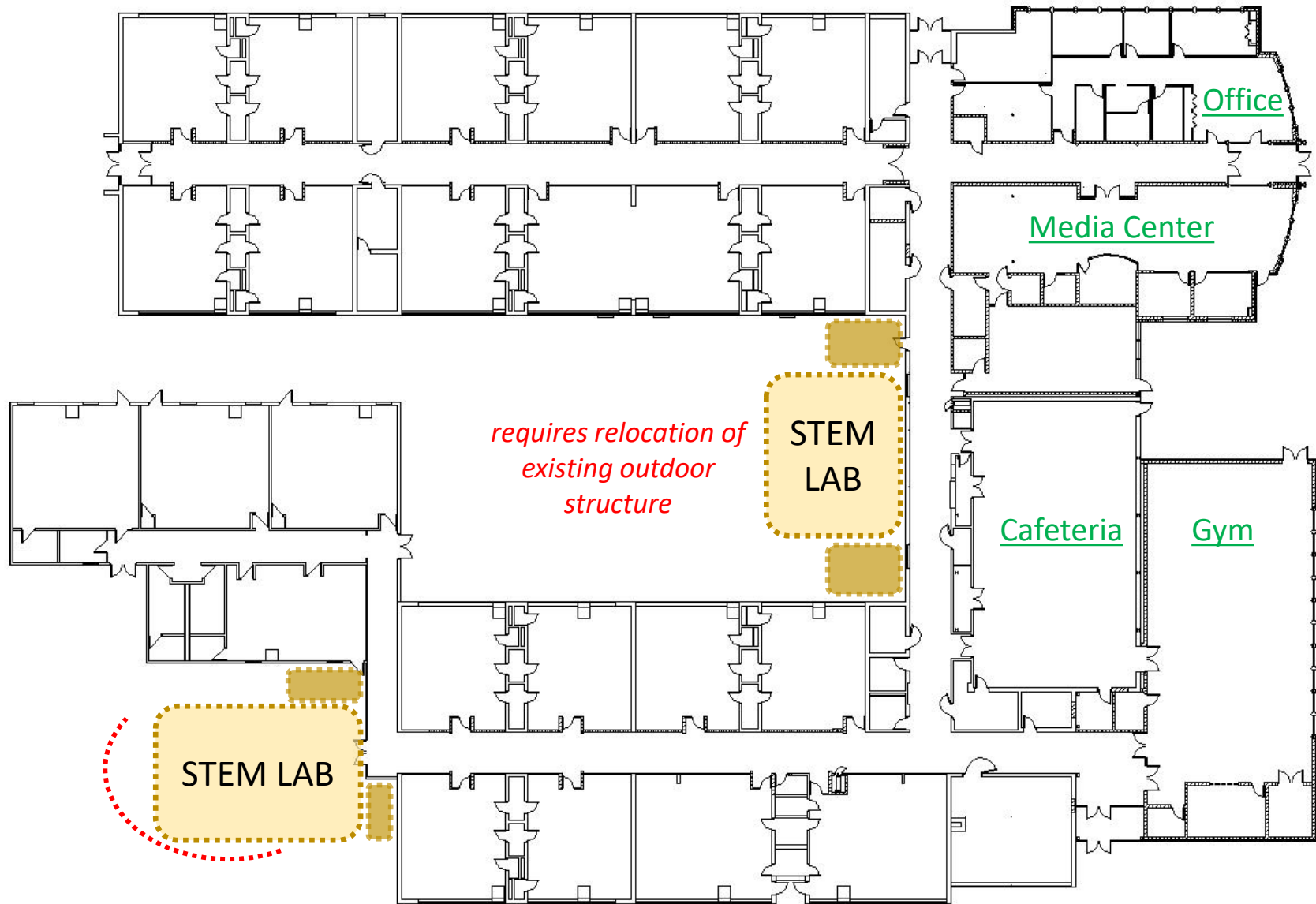




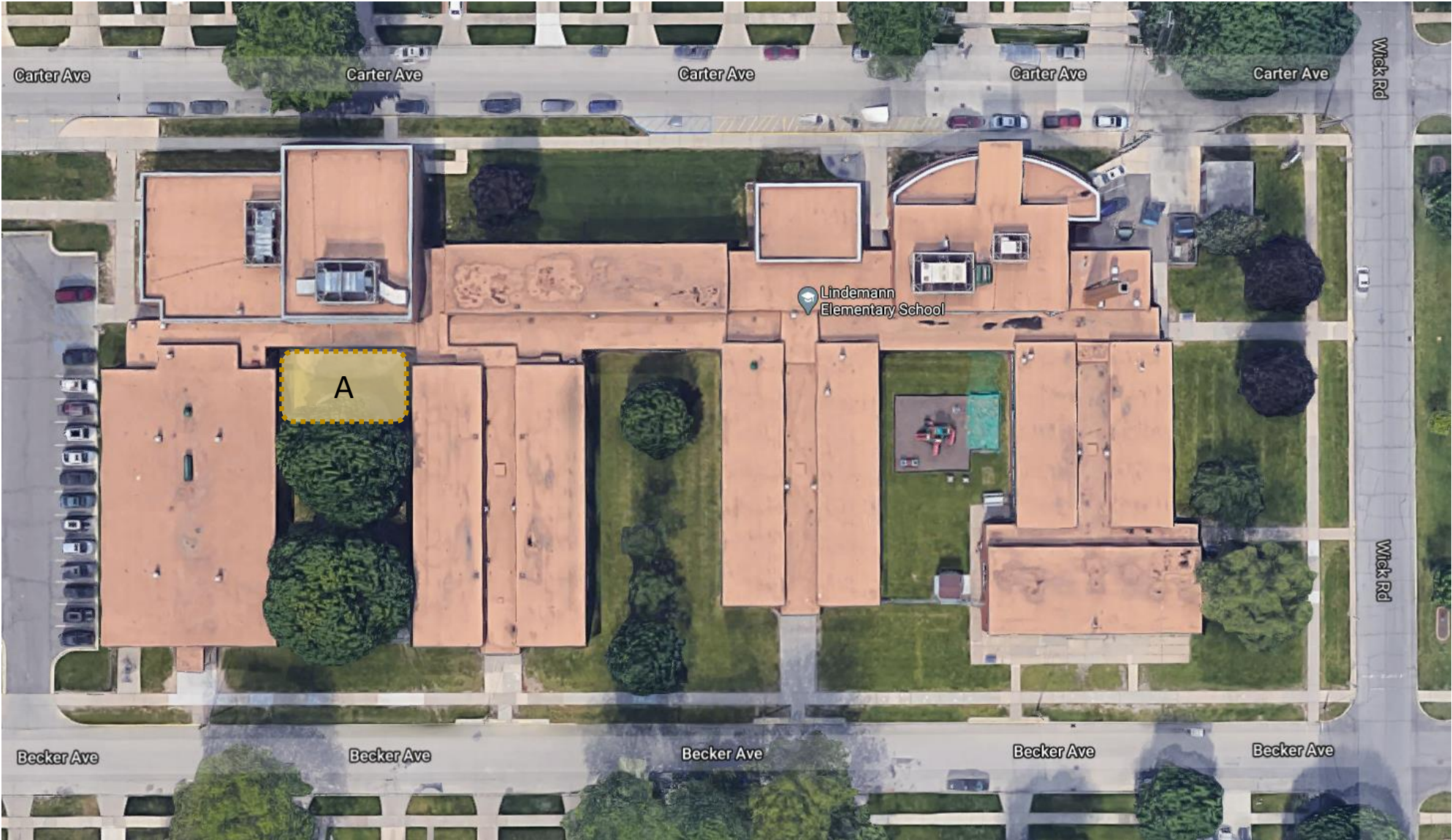


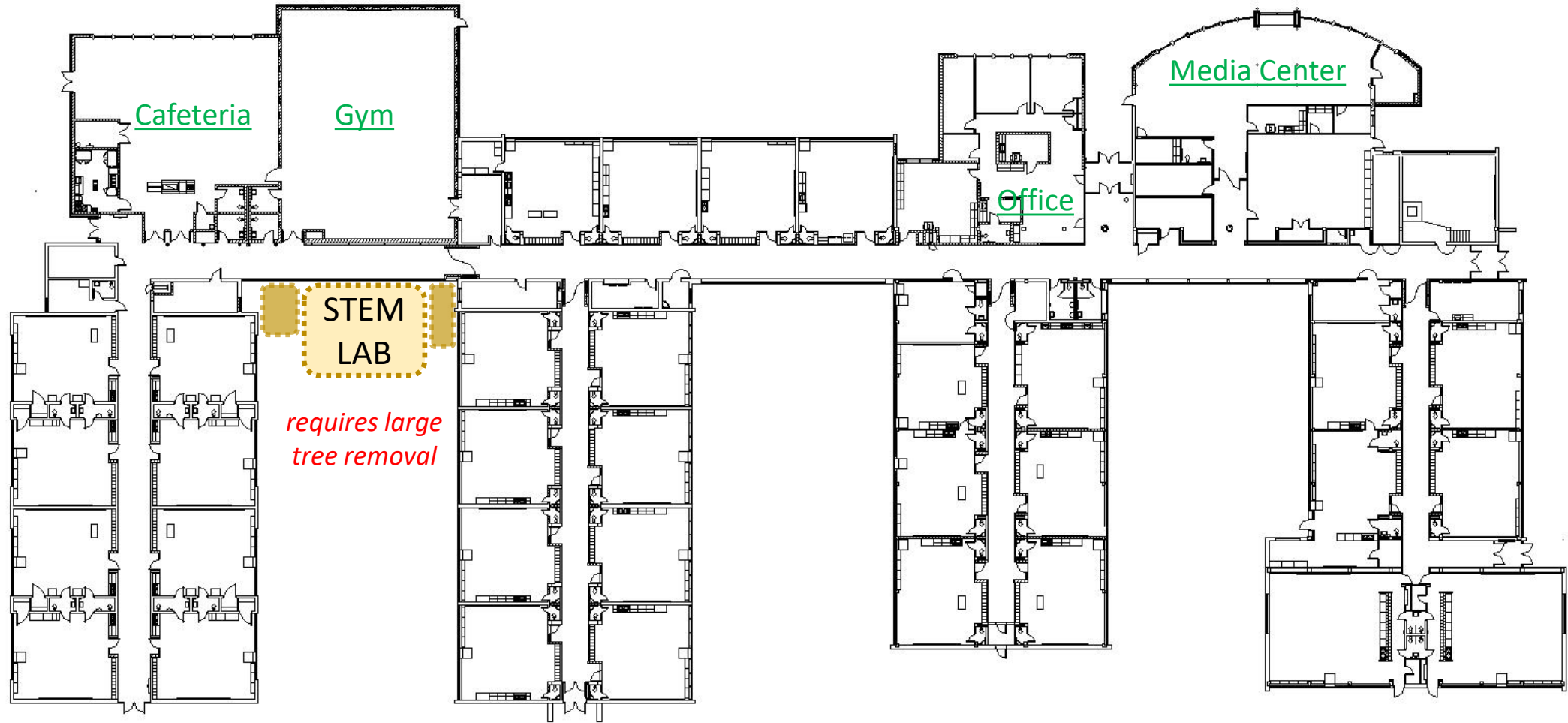






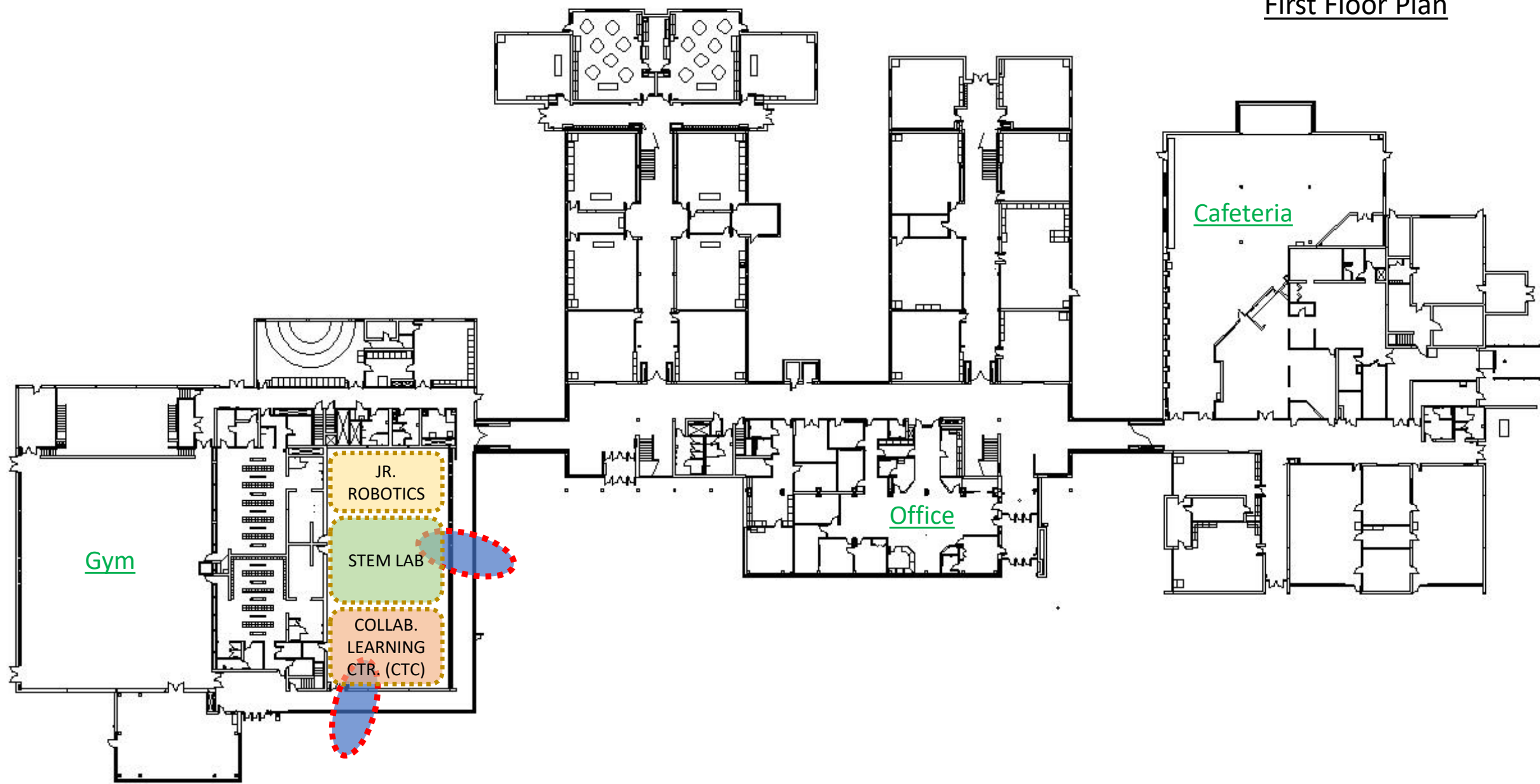






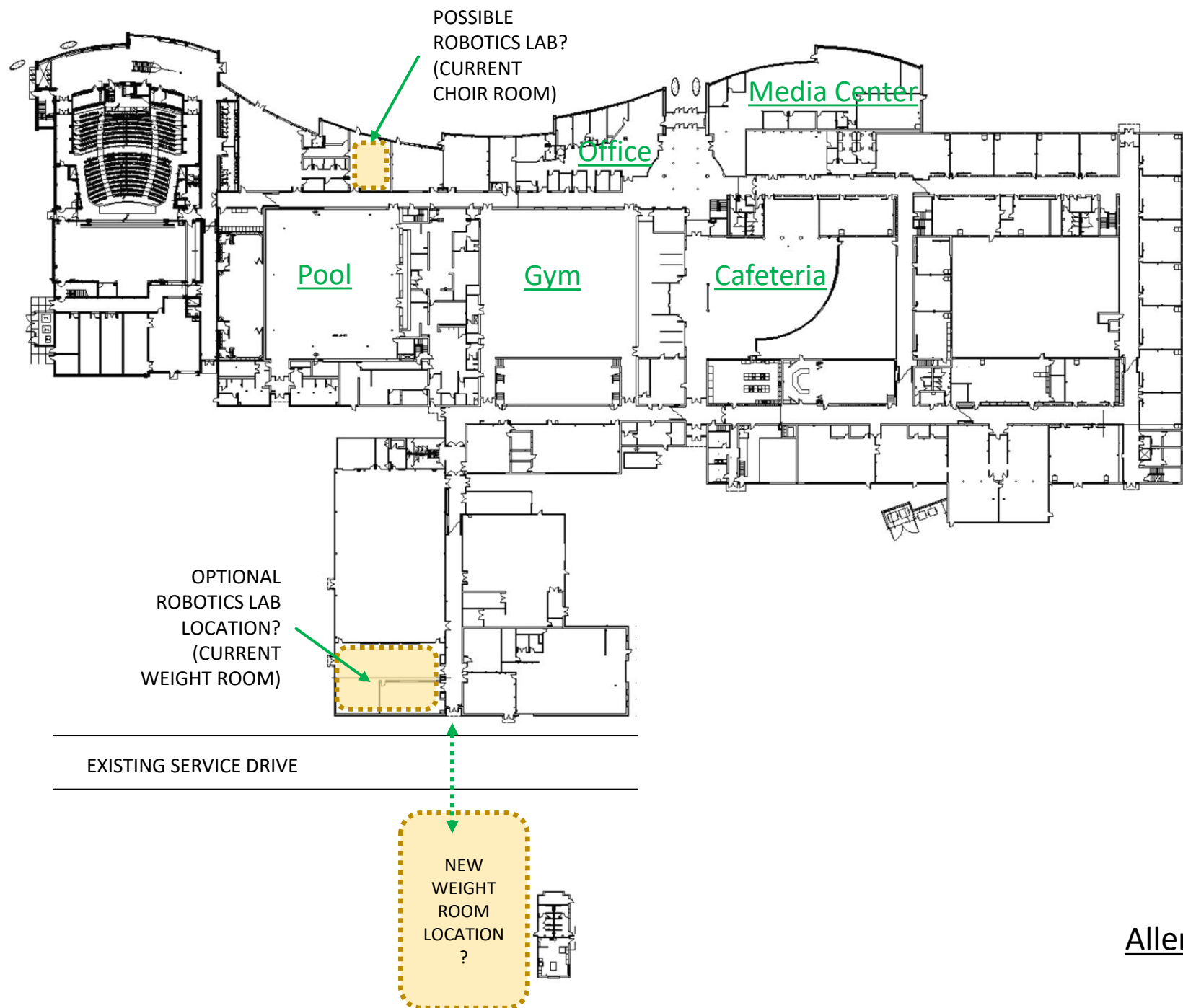
















# PROGRAM IMPROVEMENTS

## SUMMARY

- ▮ STEM addition at Arno Elementary \$1M
- ▮ STEM addition at Bennie Elementary \$1M
- ▮ STEM addition at Lindemann Elem \$1M
- ▮ Renovate Middle School pool to collaboration/STEM/Robotics center \$2M - \$3M
- ▮ Renovate High School Weight Room to Robotics, build new fitness center \$3.5M - \$4.5M
- ▮ Riley Center upgrades (TBD)

## COST RANGE:

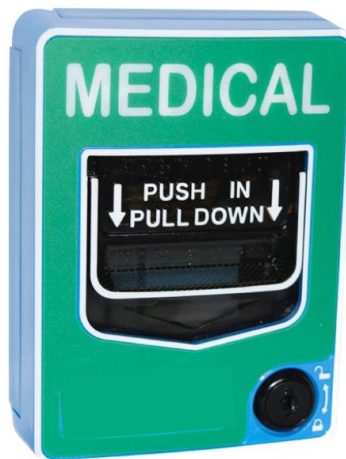
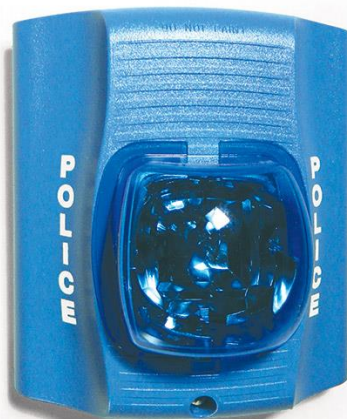
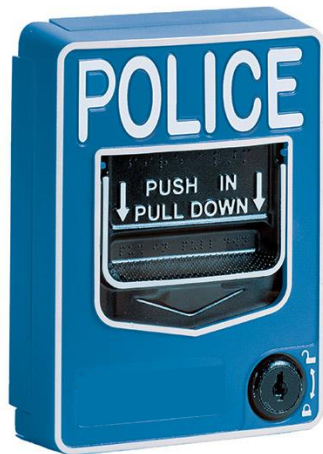
\$8.5M - \$10.5M

# **BOND PLANNING**

**TECHNOLOGY/SECURITY**

**Barton  
Malow**

# SAFETY / SECURITY





# SAFETY / SECURITY

## WORKLIST ITEMS

- Expand video surveillance
- Expand access control
- Replace PA systems
- Emergency notification



## COST RANGE:

\$500,000-\$1.4M

# TECHNOLOGY INFRASTRUCTURE

## WORKLIST ITEMS

- Expand network for growth
- New phone system
- New clocks



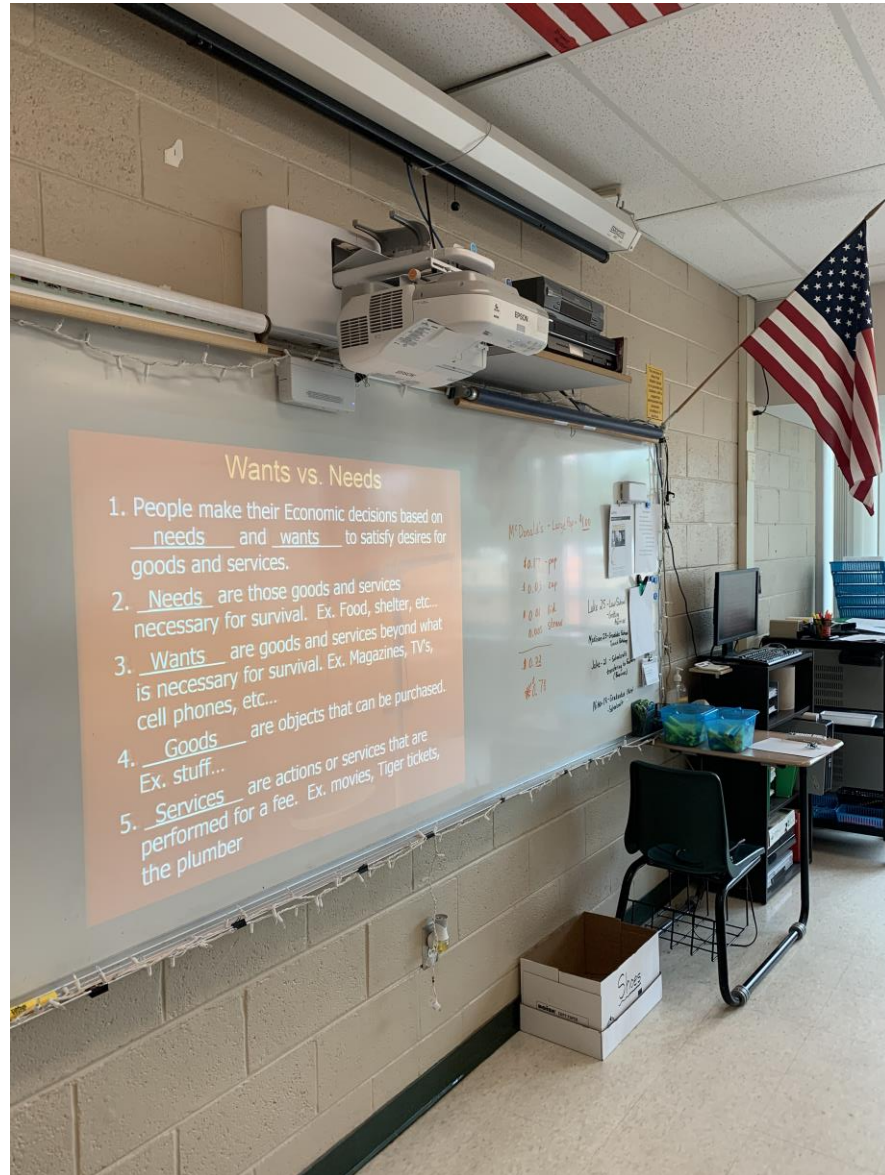
## SERIES 2

- Replace network infrastructure
- Replace wireless infrastructure
- Replace UPS's

## COST RANGE:

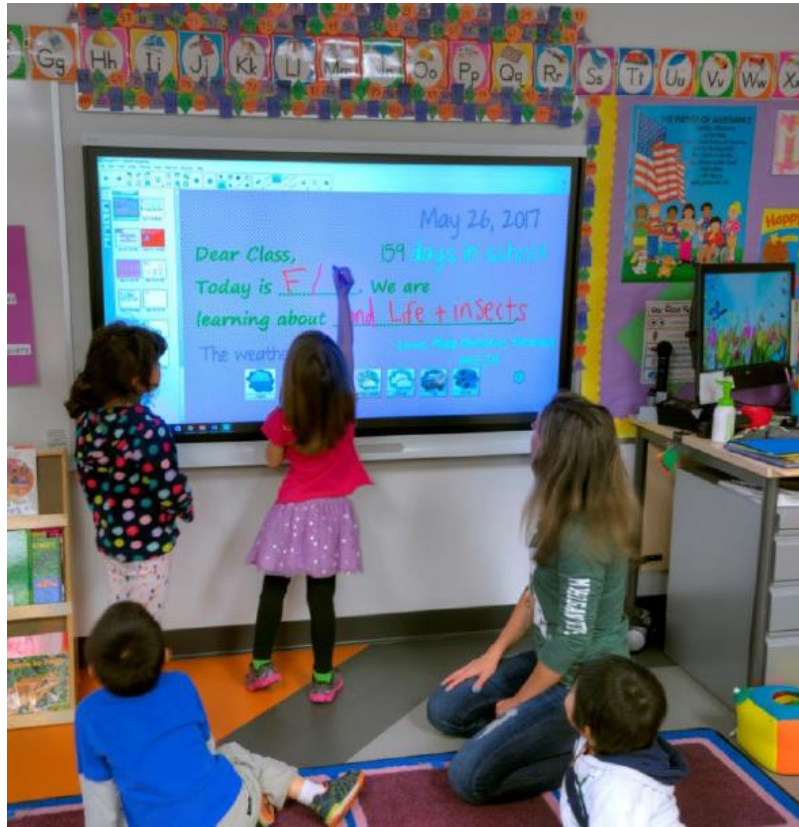
\$4.5M - \$5M

# CLASSROOM EQUIPMENT





# CLASSROOM TECHNOLOGY



# TECHNOLOGY EQUIPMENT

## WORKLIST ITEMS

- ▣ Replace projectors with interactive displays
- ▣ Height adjustable mounts
- ▣ Replace document cameras
- ▣ Replace classroom sound systems
- ▣ Add technology lockers for charging

## SERIES 2

- ▣ Refresh computers/mobile devices for sustainability

## COST RANGE:

\$2.6M - \$7.1M (with refresh)



# PRESENTATION / COLLABORATION





# PRESENTATION / COLLABORATION





# STEM / MAKER SPACE









# PRESENTATION / COLLABORATION / STEM





# PRESENTATION / COLLABORATION

## WORKLIST ITEMS

-  AV for collaboration spaces
-  Gym/café sound systems
-  Gym/café presentation systems
-  Conference room
-  Digital signage
-  Gym interactive projector

## COST RANGE:

\$650,000-\$1M

# **BOND PLANNING**

**FURNITURE / EQUIPMENT**

# FURNITURE / EQUIPMENT

## Replace / Upgrade

- Replace classroom furniture
- Purchase collaborative furniture
- Purchase STEM equipment
- Purchase Media Center furniture
- Purchase Science Equipment
- Purchase Band Instruments
- Purchase Athletic Equipment

## COST RANGE:

\$3.5M - \$6M



High School

Elementary School



# MS/HS – FURNITURE IMAGES





# ELEMENTARY FURNITURE IMAGES



# BOND PLANNING

## COST SUMMARY

**Barton**  
**Malow**



FRENCH  
associates  
architects



# COST SUMMARY

ITEM	COST RANGE
• Paving, Roofing, Building	\$16M - \$17M
• Mechanical Systems	\$12.5M
• Lighting Upgrades	\$5M - \$7.5M
• Athletic Fields	\$6.5M - \$7M
• Program Improvements	\$8.5M - \$10.5M
• Safety / Security	\$0.5M - \$1.4M
• Technology Infrastructure	\$4.5M - \$5M
• Technology Equipment	\$2.6M
• Refresh Devices (Series 2)	\$4.5M
• Presentation / Collaboration	\$0.6M - \$1M
• Furniture / Equipment	\$3.5M - \$6M
<b>TOTAL: \$65M - \$75M</b>	

# FUNDING OPTION

## Voter Approved Qualified Bond Program

- No Tax Rate Increase
- Bond Amount: \$74,215,000 (\$73.8M in projects)
- Issued in 3 Series (2021, 2023, 2025)
- Includes Bond Issuance, Election Costs, and Interest Earnings

# BOND PLANNING

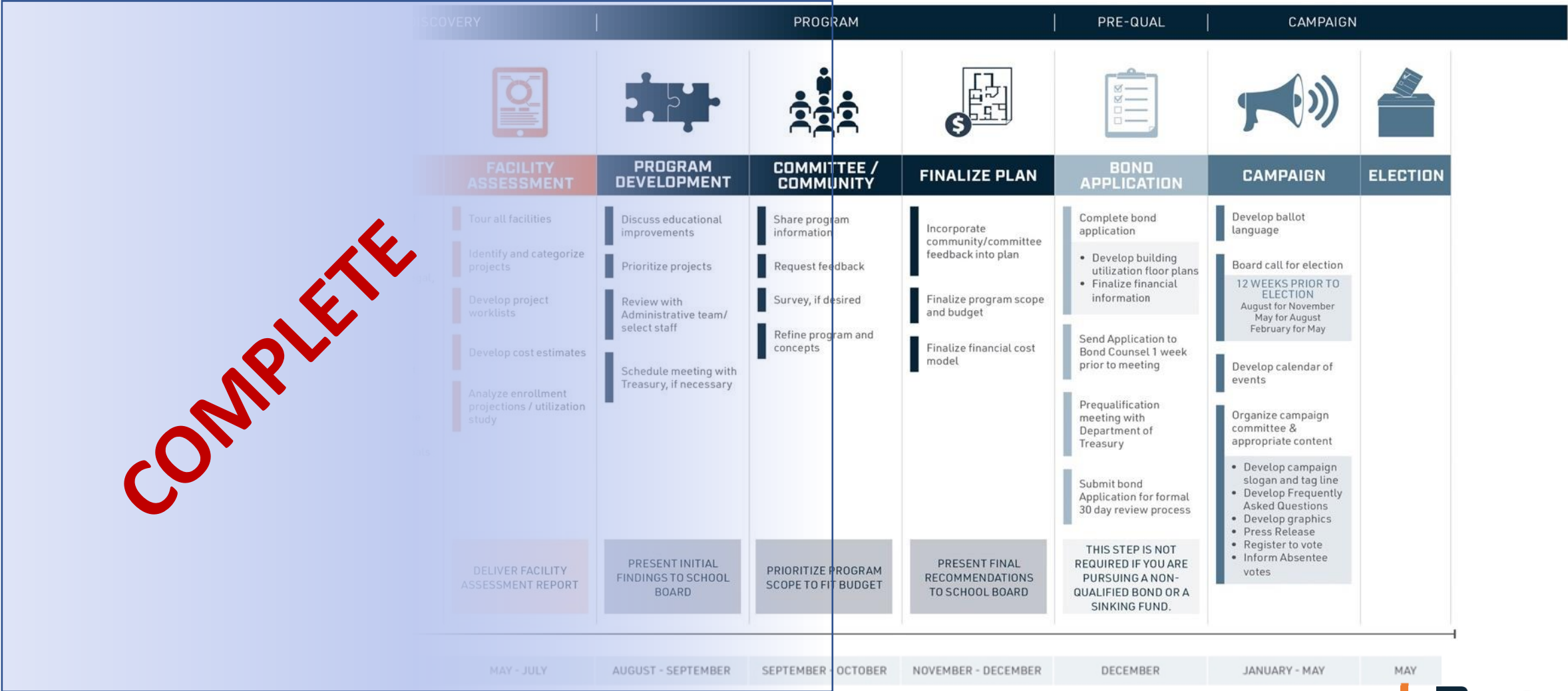
## NEXT STEPS

**Barton**  
**Malow**





# BOND PLANNING



1 Year

# BOND PLANNING

## NEXT STEPS

December 4, 2020	Submit Draft Bond Application
December 11, 2020	Meeting with Department of Treasury
December 14, 2020	Board Submit Final Bond App to Department of Treasury
January 18, 2021	Receive Approval from Department of Treasury
January 25, 2021	Board Call for Election
March-May 2021	Informational Campaign
May 4, 2021	Election Day

# BOND PLANNING

THANK YOU – QUESTIONS?

**Barton**  
**Malow**



FRENCH  
associates  
architects