

Suffield Board of Education
2023-24 Capital Project Descriptions
1/3/2023

Suffield Schools Master Facilities Plan

The Suffield Master Facilities Plan currently being completed by Tecton will contain many major capital improvements needed for the schools. How the town decides to implement the final approved plan will affect many of the items on the Board of Education's capital plan. The timing of projects such as boiler replacements, generator installations, the SMS Band Room addition, and the AWS portable classroom replacements will depend on the phasing of the final plan. Some of these projects can be delayed if the plan recommends replacement in future years. However, there are some projects which may need to be done earlier than recommended in the plan due to program needs. An example would be the SMS Band Room addition. If the master plan calls for a general renovation of the middle school in the next few years, the addition can be part of the plan. However, if the plan recommends renovating other schools first, the SMS band Room addition may need to be done as a stand alone project sooner. Another project like this at the middle school would be the renovation of the girls' locker room. There are no requests for capital projects for 2023-24 for the middle school as we wait for a final decision on the implementation of the Master Facilities Plan.

ACCE Requests

Listed below in order of priority are the Board of Education capital project requests for 2023-24.

Spaulding School Replace Two Boilers - \$296,000 – Priority 1 - *Category: Building Preservation* – The two boilers at Spaulding are failing. We have completed multiple repairs over the last few years to keep them running. One is only suitable as a backup due to its condition. The other is leaking, but should get through this winter with only minor repairs. We have applied for an HVAC grant to fund these, but they need to be completed this summer regardless.

Spaulding Playscape - \$200,000– Priority 2 – *Category: Safety* – A recent inspection of the current Spaulding playscape found many safety issues resulting in the closing of the playscape until some of them are repaired. If not replaced, over the next year we can expect additional repair costs and/or continued shutdowns of the current playscape. This project would replace part of the playscape with new items. The playscape is not only used by the schools. It also sees significant use by town residents outside of school hours and throughout the summer.

McAlister Playscape - \$240,000– Priority 3 – *Category: Safety* – The McAlister playscape is not an accessible playground. This project would create a playscape which is accessible to all students. In addition, it would replace some items which have been removed due to safety concerns. If not replaced, over the next year we can expect additional repair costs and/or shutdowns of the current playscape. The playscape is not only used by the schools. It also sees significant use by town residents outside of school hours and throughout the summer.

SPED Transportation Van Replacement - \$65,000 – Priority 4 - *Category: Safety and Cost Avoidance* – The town purchased a van in 2014 to use for transporting special education students at a lower cost and with more scheduling flexibility than with a contracted service. This van has been successful transporting both special education and regular education students with specific needs. It operates 35 or more hours every week. The van currently has over 136,000 miles. It is in good shape, but as it travels out of district with high needs students, it is essential that it be reliable at all times. The new van will be a 10-15 passenger van to allow more flexibility in scheduling. Replacing the van was a priority request last year, but now is at the point where it needs to be replaced now. The current van will be repurposed as a technology vehicle. The technology department needs to transport items throughout the town. Currently

they use personal vehicles or borrow a pickup truck from the facilities department. The van would be much better suited for their purpose.

District Technology Projects - \$90,000 – Priority 5 - *Category: Teaching and Learning* – This request is for all needed technology hardware and devices. It includes funds for Chromebooks, iPads and other student devices for student use. Also included is \$25,000 to support the instructional technologies needed throughout the district. Finally, there is \$25,000 for general technology needs such as document cameras and administrative computers.

District Air Conditioning for Kitchens - \$55,000 – Priority 6 - *Category: Health and Safety* – The kitchens in all schools have no air conditioning. For the months of September, May, and June, it is extremely warm with the use of steamers, ovens, and warmers. This project would install a split system in each condition to improve the working conditions in each condition.

Suffield High School Band Instruments and Equipment for Music Program - \$25,000 – Priority 7 - *Category: Teaching and Learning* – There has been little investment in new instruments and other equipment at the high school in a number of years. The program is growing with as the large number of students who participate in band at the middle school move to the high school. Among the instruments needed are timpani, a tuba, and a drumline. In addition, there is a need for new choral chairs and a new sound system for the band room. This will be the first of a multi-year request to enhance the high school program.

District Viewsonics - \$155,000 – Priority 8 - *Category: Teaching and Learning* – Last year and this year, we have installed a number of Viewsonics, which act as interactive whiteboards in a number of classrooms throughout the district. These effectively replace SmartBoards and projectors resulting in lower long-term cost. The previous purchases were funded with ESSER funds, grants, and capital funds.

Repair Footings for Front Columns SHS - \$55,000 – Priority 9 - *Category: Building Preservation* – There is corrosion at the base of the columns at the front of the high school. While not an immediate concern, the columns need to be corrected before it does become one. A previous project allowed us to repair ten columns. This amount will fix the remaining nine columns.

AWS Parking Lot Repavement and Additional Parking - \$100,000 – Priority 10 - *Category: Cost Avoidance* – The AWS parking lot has many cracks and uneven areas. At the same time, there is a need for additional parking spaces in order to park the number of cars during events at the school. Currently during events, parking restricts access of emergency vehicles. In addition, it is difficult to exit safely onto Mountain Road so we would look to improve the flow of traffic.

McAlister Replace Failing Split System Units - \$33,000 – Priority 11 - *Category: Building Preservation* – There are six older split system unit that are approximately 10-12 years old. Two have already failed and we expect the others will soon. We have applied for an HVAC grant to fund these, but they need replacement soon regardless.

McAlister Gym Bathroom Foyer Update - \$70,000 – Priority 12 - *Category: Code Compliance* – The bathrooms in the foyer at the gym entrance at McAlister need complete renovation including creating an ADA compliant bathroom. These bathrooms are used by the public who use the gym. Regardless of the future use of the building, the gym will be used by sports teams and parks and rec throughout the year.

AWS Portable Renovation and Addition - \$325,000 – Priority 13 - *Category: Building Preservation* – The current portable classrooms at AWS need repairs including new roofs. In addition, the combination of growth in the elementary school student population and changes in intervention and SPED services has created a need for additional teaching space at the school

AWS Saniglaze for Bathrooms - \$25,000 – Priority 14 - *Category: Building Preservation* – A few years ago, we used Saniglaze to improve the cleanliness and look of the McAlister bathrooms. This refinishing of the bathrooms has held up well. This project would do the same work for the bathrooms at Spaulding School.

McAlister Boiler - \$138,000 – Priority 15 - *Category: Cost Avoidance* - McAlister currently has only one working boiler. The backup boiler is an old cast iron boiler which has not been used for many years. This project would replace it with a high-efficiency condensing boiler similar to the main boiler that is currently in place. This would provide a backup for the boiler should there be an issue with it. Best practice for long-term cost is to rotate between operating two boilers rather than running a single boiler at all times. We have applied for an HVAC grant to fund this, but it will need to be completed regardless.

District Plow Truck - \$60,000 – Priority 16 - *Category: Cost Avoidance* – The current plow truck is eight years old. It is starting to show signs of wear. It should be replaced before it is not available when needed for snow removal. Although the town does most of the snow removal, this truck allows us to clear areas the town cannot get to and do post storm clean up. It is needed to make sure schools can open on time after snowstorms.

SHS Cyclorama Replacement - \$7,500 – Priority 17 - *Category: Teaching and Learning* – The cyclorama on the stage at Suffield High School is original from when the school was built. It has been damaged with use over the years and cannot be repaired. It is needed for use during presentations, plays, and music performances.

SHS Lighting for Athletic Complex - \$350,000 – Priority 18 – *Security/Program Enhancements* – Currently only Beneski field has full lighting for use at night. This project would add lighting to the upper field as well as the baseball and softball fields. This would allow more use of the fields by both the schools and the town.

AWS Replace Hallway Floor in West Wing - \$105,000 – Priority 19 - *Category: Building Preservation and Cost Avoidance* – Using capital funds and ESSER funds we have covered all asbestos tiles at AWS with a maintenance rubber floor product. This includes the main hallway and all classrooms except pre-k. The west wing hallway is not asbestos tile and is not failing. Using the rubber floor product would provide a consistent look to the building. It would also eliminate the need to refinish the floor annually. This will reduce some labor and materials cost, but most importantly would make it easier to use the building for the schools and the parks and recreation department throughout the summer. Currently parts of the school are not available at times to allow time to refinish the floors prior to the start of the school year.

Suffield Public Schools
Capital Improvement Plan
1/3/2023

Description	Category	Priority	23-24	24-25	25-26	26-27	27-28	28-29	29-30	30-31	31-32	32-33
SPAULDING SCHOOL												
New Playscape Section	Safety	2	200,000									
Saniglaze for bathrooms	Building Preservation	14	25,000									
Replace floor in west wing hallway	Build Pres/ Oper Savings	19	105,000									
Repave Parking Lot and Additional Parking	Cost Avoidance	10	100,000									
Portable Renovation/Replacement/Addition	Building Preservation	13	325,000									
Replace 2 Boilers	Building Preservation	1	296,000									
TOTAL			1,051,000	-	-	-	-	-	-	-	-	-

MCALISTER INTERMEDIATE SCHOOL												
New Playscape	Safety/Cost Avoidance	3	240,000									
Gym Foyer Bathroom Update	Code Compliance	12	70,000									
New Boiler	Cost Avoidance	15	138,000									
Replace Failing Split Systems	Building Preservation	11	33,000									
TOTAL			481,000	-	-	-	-	-	-	-	-	-

SUFFIELD MIDDLE SCHOOL												
SMS Band Room Addition	Program Enhancements Space Allocations				2,000,000							
SMS Girls Locker Room Renovation	Program Enhancements Space Allocations				175,000							
Track Resurfacing	Health and Safety				425,000							
Boiler Replacement	Building Preservation						125,000					
TOTAL			-	-	2,600,000	-	125,000	-	-	-	-	-

SUFFIELD HIGH SCHOOL												
Complete Front Columns	Building Preservation	9	55,000									
Building Automation	Security/Cost Avoidance			129,000								
Band Instruments and Sound System and Chairs	Teaching & Learning	7	25,000	25,000	25,000							
Cyclorama Replacement in Auditorium	Teaching & Learning	17	7,500									
Lighting for Athletic Complex	Security/Program Enhancements	18	350,000									
Replace Grass Field						1,500,000						
Track Resurfacing	Health and Safety					425,000						
Boiler Replacement							125,000					
RTU Replacement					3,300,000							
TOTAL			437,500	154,000	3,325,000	1,925,000	125,000	-	-	-	-	-

Description	Category		23-24	24-25	25-26	26-27	27-28	28-29	29-30	29-30	29-30	22-23
DISTRICT WIDE												
Student Device	Teaching & Learning	5a	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Teacher/Classroom Devices	Teaching & Learning	5b	25,000	125,000	15,000	15,000	25,000	25,000	25,000	25,000	25,000	25,000
Technology Upgrade/Replacement	Teaching & Learning	5c	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Technology/Complete Viewsonics	Teaching & Learning	8	155,000									
District Storage Building (Butler Style Open Bays)	Cost Avoidance			125,000								
SPED Transportation Van Replacement	Safety and Cost Avoidan	4	65,000									
Plow Truck	Cost Avoidance	16	60,000									
AC for Kitchens	Health and Safety	6	55,000									
Townwide Sidewalks	Cost Avoidance			500,000	500,000	500,000	500,000					
TOTAL			425,000	815,000	580,000	580,000	590,000	90,000	90,000	90,000	90,000	90,000
GRAND TOTALS			2,394,500	969,000	6,505,000	2,505,000	840,000	90,000	90,000	90,000	90,000	90,000

Previous ACCE Funded Projects

	Total	ACCE
2012-13		
Middle School Roof - Phase 5	\$315,700	\$457,850
SMS/McAlister Parking Lot Resurfacing Year 1	\$180,000	\$180,000
School Electrical Upgrade	\$160,010	\$160,010
	\$655,710	
2013-14		
Irrigation system (Athletic Fields)		
Exterior and Fire Door Repairs Building wide		
Major Plumbing Repairs		
Bathroom Renovation 1st and 2nd grade boys	\$42,000	\$42,000
Emergency Radio Communication System	\$290,000	\$290,000
Classroom Lock Change for Lockdowns	\$65,000	\$65,000
SMS/McAlister Parking Lot Resurfacing	\$180,000	\$180,000
SHS Remediate ADA Findings	\$50,000	\$50,000
	\$627,000	
2014-15		
SHS Remediate ADA Findings	\$50,000	\$50,000
SMS Repair Exterior and Fire Doors	\$24,000	\$24,000
SMS Server Room HVAC and Generator Tie-in	\$21,000	\$21,000
MCA Boys Bathroom Renovation	\$45,000	\$45,000
School Door Lock/FOB Replacement	\$65,000	\$65,000
School Security Enhancements	\$213,116	\$44,720
SHS Tennis Court Renovation	\$83,000	\$83,000
SHS Track Renovation	\$83,000	\$83,000
Trucks	\$100,000	\$100,000
Chrome Books	\$190,000	\$190,000
School Electrical Upgrade	\$145,000	\$145,000
	\$1,019,116	

	Total	ACCE
2015-16		
SHS Remediate ADA Findings	\$50,000	\$50,000
Oil Tank Removal at Spaulding, MCA, and SMS	\$140,000	\$140,000
SMS Bleacher Replacement	\$90,000	\$90,000
AWS Pre-school Enclosed Playground	\$18,000	\$18,000
AWS Media Center AC	\$15,000	\$15,000
SHS Additional Video Surveillance	\$27,000	\$27,000
SMS Additional Interior Video Surveillance	\$37,000	\$37,000
SMS Asbestos Removal Second Floor Tile	\$50,000	\$50,000
MCA Portable Removal	\$40,000	\$40,000
SHS Technology Media Upgrades	\$105,000	\$105,000
1:1 Technology Grades 3-5	\$120,000	\$120,000
School Electrical Upgrade	\$84,455	\$84,455
SHS Tennis Court Renovation	\$97,000	\$97,000
AWS Roof - East Wing	\$250,000	\$125,000
	\$1,123,455	
2016-17		
SHS Bleachers	\$115,000	\$115,000
District wide AC for Satellite Server Rooms	\$27,500	\$27,500
Extend Recess Blacktop Area	\$45,000	\$45,000
AWS Nurse's Office Handicap Access	\$35,000	\$35,000
AWS Pre-k Bathroom Handicap Access	\$40,000	\$40,000
AWS Auditorium Renovation	\$16,000	\$16,000
SHS Tennis Court Renovation - Year 2 of 2	\$180,000	\$180,000
Tennis Court and Turf Field Management	\$25,000	\$25,000
SHS Remediate ADA Findings	\$50,000	\$50,000
AWS Roof - West Wing	\$475,000	\$237,500
AWS Roof - Gym/multi Wing	\$450,000	\$225,000
AWS Roof - East Wing	\$300,000	\$150,000
	\$1,758,500	
2017-18		
Technology Infrastructure Upgrades	\$39,000	\$39,000
LAF Floor Refinishing	\$55,000	\$55,000
VOIP Telephone (School)	\$182,000	\$182,000
Brick Repointing - McAlister	\$100,000	\$100,000
SHS Columns Footings	\$45,000	\$45,000
BOE Computers (Classroom and Student)	\$90,000	\$90,000
Athletic Storage Facility	\$75,000	\$75,000
Tennis Court and Turf Field Management	\$25,000	\$25,000
McAlister Outdoor Pavilion	\$35,000	\$35,000
AWS Roof	\$100,000	\$50,000
	\$746,000	

	Total	ACCE
2018-19		
AWS Gym-Auditorium Renovation	\$136,000	\$136,000
AWS Hall Tiles	\$65,000	\$65,000
AWS Specials Wing Floor and Ceiling	\$16,000	\$16,000
AWS Auditorium Renovation	\$40,000	\$40,000
AWS Pre-k Bathroom Handicap Access	\$50,000	\$50,000
MCA AC in Gym	\$38,000	\$38,000
McAlister Roof	\$815,000	\$407,500
	\$1,160,000	
2019-20		
AWS Pre-k Bathroom Handicap Access	\$100,000	\$100,000
MCA Kitchen Walk-in Replacement	\$24,000	\$24,000
SMS Program Enhancement	\$175,000	\$175,000
SHS Family Consumer Science Overhaul	\$50,000	\$50,000
District Student Device	\$66,102	\$66,102
District Teacher/Classroom Devices	\$90,930	\$90,930
District Technology Upgrade/Replacement	\$13,170	\$13,170
BOE/Town Time and Attendance System	\$80,000	\$80,000
MCA Brick Repointing	\$175,000	\$175,000
SMS Auditorium Tar/Gravel Roof	\$325,000	\$162,500
	\$1,099,202	
2020-21		
MCA Bathroom Renovations	\$35,000	\$35,000
MCA Gym Storage Area Renovations	\$18,000	\$18,000
SMS AC for Classrooms	\$40,000	\$40,000
SHS Family Consumer Science Overhaul	\$100,000	\$100,000
SHS Furniture Replacement	\$25,000	\$25,000
SHS Bathroom Partition Replacement	\$25,000	\$25,000
District Student Device	\$40,000	\$40,000
District Teacher/Classroom Devices	\$20,000	\$20,000
District Technology Upgrade/Replacement	\$12,000	\$12,000
District Safety and Security	\$125,000	\$125,000
MCA Brick Repointing	\$220,000	\$220,000
Town/BOE Facility Master Plan	\$100,000	\$100,000
	\$760,000	

	Total	ACCE
2021-22		
Safety and Security District - New Camera Server	\$60,000	\$60,000
District Technology Upgrade	\$90,000	\$90,000
McAlister Auditorium Renovation	\$35,000	\$35,000
McAlister Stair Tread Replacement	\$19,000	\$19,000
SHS Bathroom Partition Replacement	\$25,000	\$25,000
SHS Furniture Replacement	\$25,000	\$25,000
SHS Stair Tread Replacement	\$19,000	\$19,000
SMS AC for Classrooms	\$80,000	\$80,000
Spaulding Auditorium Renovations	\$45,000	\$45,000
Spaulding Replace Asbestos Tiles	\$100,000	\$100,000
	\$498,000	

	Total	ACCE
2022-23		
Replace Intercom at All Schools	\$160,000	\$160,000
District Security Fencing	\$173,000	\$173,000
District Security Projects	\$227,483	\$227,483
McAlister Generator	\$100,000	\$100,000
Beneski Field Turf Replacement	\$750,000	\$750,000
District Student Device	\$40,000	\$40,000
District Teacher/Classroom Devices	\$25,000	\$25,000
District Technology Upgrade/Replacement	\$25,000	\$25,000
15 Passenger Van	\$50,000	\$50,000
	\$1,550,483	