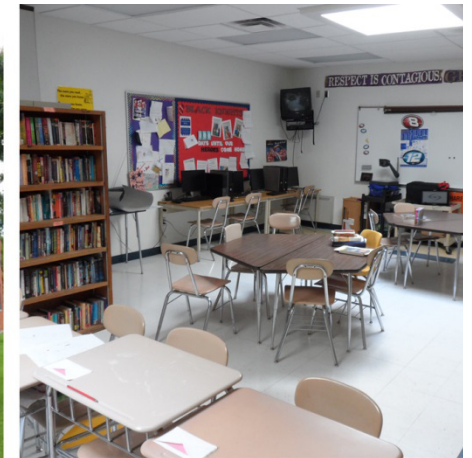




2015 Five Year Facilities Plan



November 17, 2015



2015 Five Year Facilities Plan

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ASHLEY MCGRAW

November, 2015



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Five Year Capital Facilities Plan District-Wide Estimated Expenses Summary

<u>Building</u>	<u>Estimated Project Cost</u>		<u>Estimated Project Cost</u>		<u>Estimated Project Cost</u>		<u>Estimated Project Cost</u>	
	HIGH PRIORITY Years 1-2	MEDIUM PRIORITY Years 3-4	LOW PRIORITY Years 5 - or more	UNALLOCATED				
Middle School / High School	\$ -	\$ -	\$ -	\$ 14,413,439				
Guardino Elementary School	\$ -	\$ -	\$ -	\$ 16,793,650				
Cape Vincent Elementary School	\$ -	\$ -	\$ -	\$ 7,333,570				
Bus Garage Cape Vincent	\$ -	\$ -	\$ -	\$ 614,679				
Bus Garage Clayton	\$ -	\$ -	\$ -	\$ 888,093				
Bus Garage MS-HS	\$ -	\$ -	\$ -	\$ -				
Totals	\$ -	\$ -	\$ -	\$ 40,043,432				

These estimates are probable in nature and should be used for budget planning purposes only.

Design & Construction Contingencies

- 10% Design phase
- 5% Escalation
- 10% Construction Phase

Project incidental or soft costs are typically 20% of the overall project cost leaving 80% available for construction. Items typically include: Architectural / Engineering Professional Services, Construction Management or Clerk of the Works, soil testing, surveys, other tests, air monitoring, FFE (furniture, fixtures, & equipment), legal fees, insurances, printing and reproduction expenses, other items, and financing costs inclusive of bonding.

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



Middle School / High School

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	BCS #	Health & Safety	Priority L, M, H	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	Site	Architectural	Plumbing	Mechanical	Electrical	Other
SITE													
S-1 Multi-Purpose Gamefield		360' x 225' multi-purpose field with perimeter fencing, 250 seat elevated grandstand with press box and access		<input type="checkbox"/>		909,218.75		X					
S-2 Sod Multi-purpose Gamefield		Install sod in lieu of seeded lawn		<input type="checkbox"/>		118,593.75		X					
S-3 Field Irrigation		Irrigation piping to new gamefield, baseball field, existing soccer and multi-purpose fields, and water cannon		<input type="checkbox"/>		142,312.50		X					
S-4 Baseball Field Renovations	Drainage and grading issues	Reconstruct baseball field infield, improve drainage, add foul line fencing		<input type="checkbox"/>		158,125.00		X					
S-5 Baseball Field Dugouts		Dugouts with lockable storage		<input type="checkbox"/>		63,250.00		X					
S-6 Existing Multi-purpose field		Topdress and generally improve the turf quality of main soccer field and outer soccer field		<input type="checkbox"/>		63,250.00		X					
S-7 Ball Catcher System		Install 400 lf of netting along east property line of new multi-purpose field to keep balls from entering adjoining		<input type="checkbox"/>		63,250.00		X					
S-8 Sidewalk north of Main Parking area	Sidewalk has settled and presents a tripping hazard at the curb line	Replace existing concrete sidewalk		<input type="checkbox"/>		26,090.63		X					
S-9 Sidewalk east of bus loop		Recommend replacing walk		<input type="checkbox"/>		26,090.63		X					
ARCHITECTURAL													
A-1 Exterior -Steps South East entrance	The area requires high maintenance during snow season. The owner requested to provide design options.	Full renovation (the architect will provide design options for Owner's review)		<input type="checkbox"/>		339,257.19			X				
A-2 Exterior - (Roof 1996)	Existing roof systems are primarily single-ply EPDM. Most areas appear to be out of warranty. Several areas show signs of flashing and penetration degradation.	Replace with new roof - 10, 500 sf. Detailed system reviews were provided by a specialized roofing firm including a thermal scan of system moisture. Budget includes full system replacement with 25 year warranty. Assumes no asbestos containing materials.		<input type="checkbox"/>		265,650.00			X				
A-3 Interior - Classrooms	Classroom corridor doors are not fire-resistant-rated	Replace doors and frames with 20 min fire rated doors. (30 Units)		<input type="checkbox"/>		85,387.50			X				
A-4 Exterior Door- Classroom 355	Exterior door exit device hardware is damaged	Replace in kind exit device lock		<input type="checkbox"/>		1,581.25			X				
A-5 Interior - Classrooms 104 & 105	Original base and wall cabinet installed on 1988 are in poor condition.	Replace base and wall cabinets		<input type="checkbox"/>		15,812.50			X				
A-6 Interior - 300 wing classrooms	Original tall storage cabinets from 1988 are in poor condition	Replace 12 tall storage cabinets		<input type="checkbox"/>		9,487.50			X				

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



Middle School / High School

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	BCS #	Health & Safety	Priority L, M, H	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	Site	Architectural	Plumbing	Mechanical	Electrical	Other
A-7 Interior - Classrooms and corridor	At several locations the existing ceiling tiles are stained or sagging. Ceiling grid is in good condition	At selected areas replace ceiling tiles		<input type="checkbox"/>		15,812.50			X				
A-8 Interior - Classrooms	VCT tile showing gap between tiles (Several classrooms including rms 300s)	Replace floor tiles at selected classrooms 9200 SF		<input type="checkbox"/>		72,737.50			X				
A-9 Interior - Classrooms No. 351&352	Folding partition between classrooms are not used	Remove folding partitions and build a metal stud and sheetrock wall with sound attenuation		<input type="checkbox"/>		3,953.13			X				
A-10 Interior - Classrooms No. 302&303	Folding partition between classrooms No. 302&303 is in poor condition	Replace with new folding partition		<input type="checkbox"/>		26,802.19			X				
A-11 Interior - MS Gym room 518	Gym wall pads are in poor condition	Replace with new wall pads		<input type="checkbox"/>		28,462.50			X				
A-12 Interior - Cafeteria & Auditorium	The folding door between Cafeteria and Auditorium and folding doors within Cafeteria are in poor condition	Replace folding doors with new system all electrically operated, include safety system.		<input type="checkbox"/>		274,062.25			X				
A-13 Interior - Classrooms RM 101&100	Folding door is in poor condition	Replace with new folding door		<input type="checkbox"/>		26,802.19			X				
A-14 Interior - Classrooms RM 307&306	Folding door is in poor condition	Replace with new folding door		<input type="checkbox"/>		26,802.19			X				
A-15 Interior - Corridor C551	Wood paneling is in poor condition, paint is fading.	Refinish wood paneling		<input type="checkbox"/>		7,684.88			X				
A-16 Interior - Boy & Girl Locker RM	Ceramic wall base is broken at several locations	Replace ceramic tile wall base at selected area		<input type="checkbox"/>		22,137.50			X				
A-17 Interior - Library RM 602	The district requested a full renovation of the Library to accommodate current program in more efficient distribution	Recommended full renovation with new equipment, new configuration, and new finishes/mechanical, electrical		<input type="checkbox"/>		830,156.25			X				
A-18 Interior - TV/Tech Room	The district requested a full renovation of the TV/Tech Room to accommodate current program	Recommended full renovation with new equipment and new configuration		<input type="checkbox"/>		355,781.25			X				
A-19 Interior - Conference Rm 578	The district requested a full renovation of the Conference to accommodate current function of the space more	Recommended full renovation with new equipment and new configuration		<input type="checkbox"/>		77,481.25			X				
A-20 Interior - Kitchen & Serving area	The Kitchen is inefficient and equipment is generally in need of replacement. Finishes, lighting and mechanicals are in poor condition.	Recommend a full renovation with equipment replacement, some reconfiguration, and new finishes/mechanicals		<input type="checkbox"/>		1,159,056.25			X				

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



Middle School / High School

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	BCS #	Health & Safety	Priority L, M, H	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	Site	Architectural	Plumbing	Mechanical	Electrical	Other
A-21 Interior Ticket booth / Concession Stand	The district requested a full renovation of the Ticket booth / Concession Stand. The existing space is in poor condition and small for the current function.	Recommend a full renovation and increase the size of the room.		<input type="checkbox"/>		37,950.00			X				
A-22 Interior - Home economics	The district requested a full renovation of the Family consumer science room (Home Economics RM 115). The existing space is in poor condition and small for the current function.	Recommend a full renovation and increase the size of the room.				275,137.50			X				
A-23 Exterior - Window Replacement	Exterior windows are in poor condition	Replace windows 1972 & 1988 wings - Thermally broken and insulated glass				434,843.75			X				
PLUMBING													
P-1 Gas Systems	Science Rooms 357 and 210 do not have a gas shut down system.	Provide an emergency gas shut down system for the rooms.	87	<input type="checkbox"/>		31,625.00				X		X	
P-2 Plumbing Fixtures	Building faucets are reaching the end of their useful life.	Replace the faucets.	87	<input type="checkbox"/>		7,906.25				X			
P-3 Plumbing Fixtures	The trough style sink in Art 113 is original to the building construction.	Replace the sink.	87	<input type="checkbox"/>		10,278.13				X			
P-4 Plumbing Fixtures	The water closet flush valves are reaching the end of their useful life.	Replace the flush valves with manual style valves.	87	<input type="checkbox"/>		11,385.00				X			
P-5 Hot Water Heaters	The domestic hot water and associated storage tank are dated.	Replace the domestic hot water plant with a high efficiency hot water plant.	86	<input type="checkbox"/>		57,715.63				X	X	X	
P-6 Hot Water Heaters	The Kitchen utilizes the majority of the domestic hot water for the building.		87	<input type="checkbox"/>		57,715.63				X	X	X	
MECHANICAL (HVAC)													
H-1 Exhaust Systems	Technology Room 117A has wood working equipment without a dust collection system.	Provide a dust collection unit for the space.	92	<input type="checkbox"/>		134,407.83			X		X	X	
H-2 Air Conditioning Systems	Server Closet A679 does not have air conditioning.	Provide a DX split system to the space.	91	<input type="checkbox"/>		23,718.75				X	X	X	
H-3 Air Conditioning Systems	The Library does not have air conditioning.	Provide DX split systems to the space.	91	<input type="checkbox"/>		47,437.50				X	X	X	
H-4 Air Conditioning Systems	Computer Classroom 116B, 105 and the Technology 117 suite have computers.	Provide DX split systems to the spaces .	91	<input type="checkbox"/>		94,875.00				X	X	X	
H-5 Air Conditioning Systems	Data 200 has a window a/c unit.	Remove the window a/c unit and provide a ductless split system.	91	<input type="checkbox"/>		23,718.75				X	X	X	

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



Middle School / High School

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	<u>BCS #</u>	<u>Health & Safety</u>	<u>Priority L, M, H</u>	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	<u>Site</u>	<u>Architectural</u>	<u>Plumbing</u>	<u>Mechanical</u>	<u>Electrical</u>	<u>Other</u>
H-6 Heating Systems	The cabinet heaters and unit heaters are original to the building construction.	Replace the units (total of 5).	93	<input type="checkbox"/>		51,390.63					X	X	
H-7 Heating Systems	The convectors and radiation is original to the building construction.	Replace the units (total of 8).	93	<input type="checkbox"/>		44,275.00					X		
H-8 Heating Systems	The heating pumps associated with the heat exchanger in the Pool Mechanical Room are deteriorating.	Replace the pumps (total of 2).	93	<input type="checkbox"/>		16,318.50					X	X	
H-9 Heating Systems	The heating water temperature to the Pool Area does not exceed 140 degrees.	Reconfigure the heating piping to increase heating water temperature.	93	<input type="checkbox"/>		39,531.25					X		
H-10 Air Handling Systems	The High School Locker Room HVAC systems are original to the building construction.	Replace the Locker Room HVAC systems and provide ventilation to the Coaches Offices.	92	<input type="checkbox"/>		299,134.55			X		X	X	
H-11 Air Handling Systems	The Kitchen and Serving Area HVAC systems are original to the building construction. The exhaust hood does not	Replace the Kitchen HVAC systems.	92	<input type="checkbox"/>		222,305.57			X		X	X	
H-12 Air Handling Systems	The Cafeteria HVAC systems are original to the building construction. .	Replace the Cafeteria HVAC systems.	92	<input type="checkbox"/>		261,856.58			X		X	X	
H-13 Air Handling Systems	The Auditorium HVAC systems are original to the building construction. .	Replace the Auditorium HVAC systems and add air conditioning.	92	<input type="checkbox"/>		530,257.96			X		X	X	
H-14 Air Handling Systems	The High School Gymnasium HVAC systems are original to the building construction. .	Replace the Gymnasium HVAC systems.	92	<input type="checkbox"/>		568,808.83			X		X	X	
H-15 Air Handling Systems	The 1971 and 1988 Classroom unit ventilators are reaching the end of their useful life.	Replace the unit ventilator systems and add new relief air systems to the spaces.	92	<input type="checkbox"/>		1,727,517.21			X		X	X	
H-16 Air Handling Systems	The building has electric PTAC units.	Replace the PTAC units with new hot water PTAC units.	92	<input type="checkbox"/>		81,829.69					X	X	
H-17 Exhaust Systems	The ceiling exhaust fans in Staff Toilet Rooms are reaching the end of their useful life.	Replace the ceiling exhaust fans.	92	<input type="checkbox"/>		13,638.28					X	X	
H-18 Exhaust Systems	Science Rooms 300 and 309 do not have exhaust systems.	Provide exhaust systems for the space.	92	<input type="checkbox"/>		18,184.38					X	X	
H-19 Exhaust Systems	Science Rooms 207 and 210 do not have exhaust systems.	Provide exhaust systems for the space.	92	<input type="checkbox"/>		18,184.38					X	X	
H-20 Exhaust Systems	Custodial Closet J101 does not have exhaust.	Provide an exhaust system for the space.	92	<input type="checkbox"/>		7,906.25					X	X	
H-21 Exhaust Systems	Home and Careers 298 does not have an exhaust system.	Provide an exhaust system for the space.	92	<input type="checkbox"/>		13,638.28					X	X	
H-22 Exhaust Systems	Home and Careers 115 has ranges without hood systems.	Provide recirculating hoods for the ranges and a general exhaust system for the space.	92	<input type="checkbox"/>		19,093.59					X	X	
H-23 Exhaust Systems	The dryer in Home and Careers 115 is vented to the space.	Vent dryer to the exterior.	92	<input type="checkbox"/>		2,371.88					X		

Five Year Capital Facilities Plan

District-Wide Analysis and Prioritization



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Middle School / High School

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H-24 Ventilation Systems	Classroom 112 does not have a relief system.	Provide a relief system to the space.	92	<input type="checkbox"/>		9,882.81					X		
H-25 Ventilation Systems	Office 602C does not have mechanical ventilation.	Provide a ducted fancoil unit for the space.	92	<input type="checkbox"/>		22,732.05		X			X	X	
H-26 Ventilation Systems	Science Prep Rooms 205A and 211 do not have mechanical ventilation.	Provide ducted fancoil units for the spaces.	92	<input type="checkbox"/>		45,462.52		X			X	X	
H-27 Ventilation Systems	AIS 209A does not have mechanical ventilation.	Provide a console fan coil unit for the space.	92	<input type="checkbox"/>		18,184.38					X	X	
H-28 Ductwork Systems	The toilet exhaust ductwork systems are dirty.	Clean the ductwork systems.	94	<input type="checkbox"/>		8,222.50					X		
H-29 Controls Systems	The building has a pneumatically controlled DDC system.	Remove the pneumatic controls and provide an electronically controlled DDC system.	95	<input type="checkbox"/>		1,755,443.66					X		
H-30 Ventilation Systems	The ventilation systems to the Team Locker Rooms is inadequate.	Replace the HVAC systems for the Team Locker Rooms.	95	<input type="checkbox"/>		271,777.34		X			X	X	
ELECTRICAL													
E-1 Electrical Site	District is requesting sports field lighting.	Provide sports lighting system and electrical service.	41	<input type="checkbox"/>		632,500.00						X	
E-2 Power Distribution	The former main switchboard, and some remaining panels are original. Breakers are becoming obsolete, and it is not apparent if they have been serviced, and will still operate under fault condition.	Replace 1600A, 208Y/120V Pringle switch, 2 sections of GE switchboards, and original panel boards (spotted 8; assume 12). Does not include feeders.	80	<input type="checkbox"/>		434,843.75						X	
E-3 Power Distribution	No Arc Flash Labeling exists. District is not sure of condition of electrical system feeders.	Perform Arc Flash Study. In addition, determine condition of original feeders.	80	<input type="checkbox"/>		47,437.50						X	
E-4 Communications	Existing Paging headend is new, but District is stating wiring and remainder is original. District is also reporting issues with Flex Rooms between HS and MS.	Replace original wiring, and expand system and provide programming to address paging issues in Flex Rooms between HS and MS.	82	<input type="checkbox"/>		197,656.25						X	
E-5 Fire Alarm & Detection	Fire Detection, Carbon Monoxide Detection, and Notification coverages are lacking in some areas.	Expand existing system to current Codes regarding Common Space strobes, Carbon Monoxide detection and fire detection. Update system with latest hardware and software. Consider adding FA networking card for secondary alarm notification.	96 & 97	<input type="checkbox"/>		276,718.75						X	

Five Year Capital Facilities Plan

District-Wide Analysis and Prioritization



ASHLEY MCGRAW

Middle School / High School

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E-6 Emergency & Exit Lighting	Many areas were dark and did not have Egress Lighting or Night Lighting during our walkthrough, but the building could have been considered as unoccupied at the time (switched off centrally), or there could be UL Listed relays throughout. Standby generator is considered Emergency system.	Perform shutoff test to verify all required areas are covered with both egress (night) lighting and emergency lighting, including paths of Egress, Areas of Public Assembly, windowless student occupied areas, rooms with obstructions (science, art, technology, etc.), spaces that pose as hazards if dark, main electrical rooms, standby electrical rooms, and spaces that will likely be utilized when dark (toilet rooms near gyms and auditoriums, etc.), as well as exit discharges. Cost shown is an allowance for rewiring all required spaces to the existing gen-set if needed. However, a load test is recommended for the gen-set to verify there is enough capacity to perform such work.	99 & 100	<input type="checkbox"/>		292,531.25						X	
						<input type="checkbox"/>	Other						
						High Priority	\$	-	\$	-			
						Medium Priority	\$	-	\$	-			
						Low Priority	\$	-	\$	-			
						Subtotal L, M, H	\$	-	\$	-			
						Subtotal Unallocated	\$	14,413,439	\$	-			
						Total	\$	14,413,439	\$	-			

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



Guardino Elementary School

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	<u>BCS #</u>	<u>Health & Safety</u>	<u>Priority L, M, H</u>	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	<u>Site</u>	<u>Architectural</u>	<u>Plumbing</u>	<u>Mechanical</u>	<u>Electrical</u>	<u>Other</u>
SITE													
S-1 Varsity Baseball Field		Reconstruct baseball field infield to provide baseball skinned infield, improve infield drainage and repair drainage issue in left field, add safety fencing along first base foul line		<input type="checkbox"/>		189,750.00		X					
S-2 Varsity Baseball Field Dugouts		Add dugouts along first base foul line		<input type="checkbox"/>		63,250.00		X					
ARCHITECTURAL													
A-1 Exterior Masonry	Select areas are in need for masonry repointing, repair, and general washing. Lintels are rusty, at several locations the soft joints are in poor condition	Repair cracks, repaint lintels, replace damaged caulk and patch and paint exterior ceilings		<input type="checkbox"/>		55,343.75			X				
A-2 Exterior - Roof 1998 Wing	Existing roof systems are primarily single-ply EPDM.	Replace with new roof 6000sf		<input type="checkbox"/>		151,800.00			X				
A-3 Exterior - Louvers	Selected louvers are in poor condition	Replace selected louver		<input type="checkbox"/>		4,427.50			X				
A-4 Exterior - Misc.	Boiler stairs railing is rusted and service hatch are in poor condition	Recommended to replace railing and service hatch		<input type="checkbox"/>		7,906.25			X				
A-5 Interior - Classrooms doors	Folding partition in selected classrooms are in poor condition	Remove and replace with permanent wall		<input type="checkbox"/>		11,859.38			X				
A-6 Interior - Classrooms doors	Selected classroom corridor doors and frames are not fire rated	Replace the selected doors and frame with fire rated (30 units)		<input type="checkbox"/>		63,803.44			X				
A-7 Interior - Lockers	Lockers paint is in poor conditions	Repaint lockers		<input type="checkbox"/>		15,812.50			X				
A-8 Interior-Classrooms	Selected resilient floor is loose or gap between tiles	Replace selected floors in the 1996 wing (8000 sf)		<input type="checkbox"/>		63,250.00			X				
A-9 Interior - Kitchen	Kitchen counter is in poor condition	Replace kitchen counter - Allowance 20LF		<input type="checkbox"/>		12,650.00			X				
A-10 Interior - Auditorium	Stage floor is in poor condition. The wood floor at the former lighting box is sagging	Recommended to refinish the stage floor, remove the former light boxes and repair the wood floor		<input type="checkbox"/>		12,650.00			X				

Five Year Capital Facilities Plan
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Guardino Elementary School

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A-11 Interior - Play room	Wood floor finish is in poor condition	Recommended to refinish the wood floor and add game lines.		<input type="checkbox"/>		23,718.75			X				
A-12 Interior - Flooring replacement	At selected spaces the flooring is in poor condition (Corridor C1, RM T2A)	At selected spaces refinish, repaint and replace carpet (1,160 SF)		<input type="checkbox"/>		9,171.25			X				
PLUMBING													
P-1 Plumbing Fixtures	The water closets are dated.	Replace the water closets and trim. Provide manual flush valves.	87	<input type="checkbox"/>		109,580.63				X			
P-2 Plumbing Fixtures	The shower in the Custodial Office is dated.	Replace the shower fixture.	87	<input type="checkbox"/>		2,371.88				X			
P-3 Plumbing Fixtures	The lavatories are dated.	Replace the lavatories, faucets and trim.	87	<input type="checkbox"/>		48,702.50				X			
P-4 Plumbing Fixtures	The urinals are dated.	Replace the urinals and provide manual flush valves.	87	<input type="checkbox"/>		22,770.00				X			
P-5 Plumbing Fixtures	The drinking fountains are dated.	Replace two drinking fountains.	87	<input type="checkbox"/>		8,855.00				X		X	
P-6 Plumbing Fixtures	The sink and faucets in the Faculty Room, Music Room and Cafeteria are dated.	Replace the sinks, trim and faucets.	87	<input type="checkbox"/>		14,231.25				X			
P-7 Plumbing Fixtures	The Lower Level Locker Rooms have been converted to Storage Rooms.	Remove all plumbing fixtures and piping systems.	87	<input type="checkbox"/>		8,222.50				X			
P-8 Plumbing Fixtures	The sinks in Project Room 214 are dated.	Replace six sinks in the room.	87	<input type="checkbox"/>		16,445.00				X			
P-9 Plumbing Fixtures	The Art Room sink is dated.	Replace the Art Room sink and provide clay trap.	87	<input type="checkbox"/>		4,743.75				X			
P-10 Domestic Hot Water Systems	The domestic hot water storage tank and heat exchanger have exceeded their useful life.	Replace the tank and heat exchanger.	86	<input type="checkbox"/>		79,062.50				X	X		
P-11 Piping Systems	Galvanized piping systems exist.	Replace the galvanized piping systems with copper.	84	<input type="checkbox"/>		31,625.00				X			
MECHANICAL (HVAC)													
H-1 Exhaust Systems	The exhaust fan in Mechanical Room 31 has reached the end of it's useful life.	Replace the exhaust fan.	92	<input type="checkbox"/>		12,333.75					X	X	
H-2 Exhaust Systems	The Locker Room exhaust fan is original to the building construction.	Replace the exhaust fan and clean the ductwork systems.	92	<input type="checkbox"/>		36,368.75					X	X	
H-3 Exhaust Systems	The Main Electric Room in the Lower Level does not have an exhaust system.	Add an exhaust system to the space.	92	<input type="checkbox"/>		22,730.47					X	X	

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



Guardino Elementary School

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	<u>BCS #</u>	<u>Health & Safety</u>	<u>Priority L, M, H</u>	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	<u>Site</u>	<u>Architectural</u>	<u>Plumbing</u>	<u>Mechanical</u>	<u>Electrical</u>	<u>Other</u>
H-4 Exhaust Systems	The Chemical Storage Room in the Lower Level does not have an exhaust system.	Add an exhaust system to the space.	92	<input type="checkbox"/>		22,730.47					X	X	
H-5 Exhaust Systems	Toilet 137A does not have an exhaust system.	Add an exhaust system to the space.	92	<input type="checkbox"/>		18,184.38					X	X	
H-6 Exhaust Systems	The Gang Toilet exhaust fan is original to the building construction. The exhaust systems in the rooms are blocked.	Replace the exhaust fan with a roof mounted fan end extend the ductwork distribution systems into the Toilet Rooms.	92	<input type="checkbox"/>		50,008.61		X		X	X		
H-7 Exhaust Systems	Toilet Rooms 103A and 104A do not have exhaust.	Provide a roof mounted exhaust system for the spaces.	92	<input type="checkbox"/>		18,185.96		X		X	X		
H-8 Exhaust Systems	Art Room 218 does not have an exhaust system.	Provide a roof mounted exhaust system for the space.	92	<input type="checkbox"/>		18,185.96		X		X	X		
H-9 Exhaust Systems	A roof exhaust fan has reached the end of it's useful life.	Replace one (1) roof exhaust fan.	92	<input type="checkbox"/>		12,333.75				X	X		
H-10 Heating Systems	The building steam radiators are original to the building construction.	Replace the sytems and tie into the building DDC system.	93	<input type="checkbox"/>		1,469,771.88				X			
H-11 Heating Systems	The unit heater in Storage Room 15 is original to the building construction.	Replace the unit heater.	93	<input type="checkbox"/>		9,487.50				X	X		
H-12 Heating Systems	The steam heating and piping systems have reached the end of their useful life.	Remove the steam heating systems and convert to hot water. The existng steam boilers would remain and a steam to water heat exchanger plant would be installed.	93	<input type="checkbox"/>		8,166,715.08		X		X	X		
H-13 Ventilation Systems	The Wrestling Room in the Lower Level does not have Mechanical ventilation.	Provide an air handling unit and relief system to the space.	92	<input type="checkbox"/>		94,558.75				X	X		
H-14 Ventilation Systems	The Custodian's Office does not have Mechanical Ventilation.	Provide a ventilating console fan coil unit to the space.	92	<input type="checkbox"/>		18,184.38				X	X		
H-15 Ventilation Systems	Work Room 105B does not have Mechanical Ventilation.	Provide a ventilating console fan coil unit to the space.	92	<input type="checkbox"/>		18,184.38				X	X		
H-16 Ventilation Systems	Conference/ Office 218A does not have Mechanical Ventilation.	Provide a ventilating console fan coil unit to the space.	92	<input type="checkbox"/>		18,184.38				X	X		
H-17 Ventilation Systems	Office 215 does not have Mechanical Ventilation.	Provide a ventilating console fan coil unit to the space.	92	<input type="checkbox"/>		18,184.38				X	X		
H-18 Ventilation Systems	The air flow for the Classrooms is limited.	Add ceiling fans to all Classrooms.	92	<input type="checkbox"/>		221,376.58				X	X		
H-19 Ventilation Systems	The Kitchen exhaust systems are not code compliant and has minimal ventilation air.	Provide a new heating, exhaust hoods and ventilating system for the Kitchen.	92	<input type="checkbox"/>		87,286.58		X		X	X		
H-20 Ventilation Systems	The roof mounted relief systems are original to the building construction.	Replace four (4) relief hoods.	92	<input type="checkbox"/>		31,625.00				X			

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



Guardino Elementary School

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	<u>BCS #</u>	<u>Health & Safety</u>	<u>Priority L, M, H</u>	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	<u>Site</u>	<u>Architectural</u>	<u>Plumbing</u>	<u>Mechanical</u>	<u>Electrical</u>	<u>Other</u>
H-21 Control Systems	The Boiler Room does not have a CO/ gas detection system.	Provide a gas detection system and tie into the building DDC system.	95	<input type="checkbox"/>		11,859.38					X		
H-22 Control Systems	The building has a pneumatically controlled DDC system.	Remove the pneumatic controls and provide an electronically controlled DDC system.	95	<input type="checkbox"/>		928,035.63				X			
H-23 Air Handling Systems	The Auditorium/ Gymnasium Air Handling unit is original to the building construction. The ductwork distribution is limited in the space.	Replace the air handling unit and provide new ductwork distribution systems.	92	<input type="checkbox"/>		429,152.83		X		X	X		
H-24 Air Handling Systems	The Lower Level Play Room Air Handling unit is original to the building construction. The diffusers are located above the lay in ceiling system.	Replace the air handling system, extend the diffusers to below the ceiling systems and clean the existng ductwork systems.	92	<input type="checkbox"/>		174,571.58		X		X	X		
H-25 Air Handling Systems	Air Handling Units AHU-2,3,4 and 5 are original to the building construction.	Replace the air handling units and clean the ductwork systems.	92	<input type="checkbox"/>		909,220.33		X		X	X		
H-26 A/C Systems	The Main Server Room 7A does not have air conditioning.	Provide a DX split system to the space.	91	<input type="checkbox"/>		23,718.75			X	X	X		
H-27 A/C Systems	The Library is not air conditioned.	Provide DX split systems to the space.	91	<input type="checkbox"/>		47,437.50			X	X	X		
H-28 A/C Systems	Computer Lab 215 is not air conditioned.	Provide a DX split system to the space.	91	<input type="checkbox"/>		23,718.75			X	X	X		
H-29 Ductwork Systems	The Classroom/ Office space ductwork distribution systems are limited to side wall registers. The spaces do not have dedicated reheat coils.	Reduct the supply air distribution systems to the Classroom and Office spaces and provide dedicated reheat coils to the space.	94	<input type="checkbox"/>		1,376,376.93		X		X	X		
H-30 Piping Systems	The steam and condensate piping in Storage 206A is not insulated.	Insulate the piping systems.	93	<input type="checkbox"/>		2,371.88				X			
ELECTRICAL													
E-1 Power Distribution	The main switchboard and some remaining panels are original. Breakers are becoming obsolete, and it is not apparent if they have been serviced, and will still operate <u>under fault condition</u> .	Replace 1600A, 208Y/120V Pringle switch, 2 sections of GE switchboards, and original panel boards (spotted 4 dist, 4 branch; assume 4 and 6). Does not include <u>feeders or abatement</u> .	80	<input type="checkbox"/>		474,375.00		X				X	
E-2 Power Distribution	No Arc Flash Labeling exists. District is not sure of <u>condition of electrical system feeders</u> .	Perform Arc Flash Study. In addition, determine condition of <u>original feeders</u> .	80	<input type="checkbox"/>		31,625.00						X	
E-3 Lighting	Existing stage dimmer, lighting and wiring is original.	Disconnect and remove theatrical lighting system in its entirety. Provide panel board, regular light switches to control all lighting, regular work lights on stage, and new wiring. Verify rigging is in good condition and has <u>capacity</u> .	81	<input type="checkbox"/>		31,625.00		X				X	
E-4 Communications	Existing Paging is approaching end of life. Ceilings are ACBM.	Replace paging system. Utilize a wall raceway system to <u>route wiring</u> .	82	<input type="checkbox"/>		237,187.50		X				X	
E-5 Communications	Existing Clock system is approaching end of life. Ceilings are ACBM.	Replace clock system with wireless correction system that matches HS. Provide 120-volt clock outlets and extend existing power circuiting. Provide wall raceways to <u>route wiring</u> .	82	<input type="checkbox"/>		94,875.00		X				X	
E-6 Fire Alarm & Detection	Fire Detection, Carbon Monoxide Detection, and Notification coverages are lacking in some areas. Ceilings are ACBM.	Expand existing system to current Codes regarding Common Space strobes, Carbon Monoxide detection and fire detection. Update aystem with latest hardware and software. Consider adding FA networking card for secondary alarm notification. Utilize a wall raceway <u>system to route wiring</u> .	96 & 97	<input type="checkbox"/>		332,062.50		X				X	

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



ASHLEY MCGRAW

Guardino Elementary School

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	<u>BCS #</u>	<u>Health & Safety</u>	<u>Priority L, M, H</u>	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	<u>Site</u>	<u>Architectural</u>	<u>Plumbing</u>	<u>Mechanical</u>	<u>Electrical</u>	<u>Other</u>
E-7 Emergency & Exit Lighting	Emergency Battery lights appear to have proper coverage. However, many areas were dark and did not have Egress Lighting or Night Lighting during our walkthrough, but the building could have been considered as unoccupied at the time (switched off centrally), or there could be UL Listed relays throughout. Optional Standby generator powers entire building and is not considered an emergency system. Ceilings are ACBM.	Perform shutoff test to verify all required areas are covered with both egress (night) lighting, including paths of Egress and Areas of Public Assembly. In addition, verify Emergency lighting for exit discharges. Cost shown is an allowance for rewiring all required spaces to centrally located Night Light switches if needed. Need to determine method and cost for re-routing circuiting.	99 & 100	<input type="checkbox"/>		268,812.50			X			X	
				<input type="checkbox"/>			-						
								Other					
						High Priority	\$	-	\$	-			
						Medium Priority	\$	-	\$	-			
						Low Priority	\$	-	\$	-			
						Subtotal L, M, H	\$	-	\$	-			
						Subtotal Unallocated	\$	16,793,650	\$	-			
						Total	\$	16,793,650	\$	-			

Five Year Capital Facilities Plan

District-Wide Analysis and Prioritization



ASHLEY MCGRAW

Cape Vincent Elementary School

Topic	Existing Conditions	Recommended work	BCS #	Health & Safety	Priority L, M, H	Estimated Project Cost	Estimate Other Funds	Site	Architectural	Plumbing	Mechanical	Electrical	Other
SITE													
S-1 Softball Field Improvements		Renovate skinned infield, improve infield drainage		<input type="checkbox"/>		94,875.00		X					
S-2 Softball Field Dugouts		Add dugouts with lockable storage area		<input type="checkbox"/>		63,250.00		X					
S-3 Modified Baseball Field Improvements		Reconstruct baseball field infield and improve infield drainage		<input type="checkbox"/>		126,500.00		X					
ARCHITECTURAL													
A-1 Exterior walls	Select areas are in need for masonry repointing, repair, and general washing. Lintels are rusty, at several locations the soft joints are in poor condition	Repair masonry, joints, other misc. locations. Wash selected locations, replace caulking, prep and paint lintels and other issues.		<input type="checkbox"/>		47,437.50			X				
A-2 Interior - Classrooms	Classroom doors and frames are not fire-rated	Replace doors and frames for 20 min rated doors. (31 Units)		<input type="checkbox"/>		86,968.75			X				
A-3 Interior - Classrooms	At several locations the interior CMU and GWB walls are cracked. Issue is not associated with structural deficiency	Patch wall , repair cracks and paint at selected locations		<input type="checkbox"/>		7,906.25			X				
A-4 Interior - Janitor & Toilet Basement	Door in poor condition	Replace doors and frames		<input type="checkbox"/>		5,692.50			X				
A-5 Interior - Classrooms- Kindergarten	Casework in poor condition two rooms	Recommended repace casework		<input type="checkbox"/>		31,625.00			X				
A-6 Interior- Storage basement	Maintenance & storage, ceiling is falling, floor paint is peeling off, walls need paint and leaking	Recommended full renovation		<input type="checkbox"/>		86,968.75			X				
A-7 Interior - Classrooms & corridor	At selected areas ceiling tiles in poor condition, stained or broken	Replace ceiling tiles at selected condition		<input type="checkbox"/>		15,812.50			X				
A-8 Interior - Classrooms - Kinder	Cubbies are in poor condition	Replace kindergaten cubbies		<input type="checkbox"/>		15,812.50			X				
A-9 Interior - Third floor	District requested a ADA unisex toilet on the third floor	Add ADA toilet on the third floor		<input type="checkbox"/>		23,718.75			X				
PLUMBING													
				<input type="checkbox"/>									

Five Year Capital Facilities Plan

District-Wide Analysis and Prioritization



ASHLEY MCGRAW

Cape Vincent Elementary School

Topic	Existing Conditions	Recommended work	BCS #	Health & Safety	Priority L, M, H	Estimated Project Cost	Estimate Other Funds	Site	Architectural	Plumbing	Mechanical	Electrical	Other
P-1 Plumbing Fixtures	The water closets are dated.	Replace the water closets and trim. Provide manual flush valves.	87	<input type="checkbox"/>		15,654.38				X			
P-2 Plumbing Fixtures	The lavatories are dated.	Replace the lavatories, faucets and trim.	87	<input type="checkbox"/>		12,808.13				X			
P-3 Plumbing Fixtures	The Lower Level Locker Rooms have been converted to Storage Rooms.	Remove all plumbing fixtures and piping systems.	87	<input type="checkbox"/>		8,222.50				X			
P-4 Plumbing Fixtures	The sink in Work Room 17 is dated.	Replace the sink, faucet and trim.	87	<input checked="" type="checkbox"/>		4,743.75				X			
P-5 Plumbing Fixtures	The Nurse Suite does not have an eye wash.	Provide an eye wash to the space.	87	<input type="checkbox"/>		2,371.88				X			
P-6 Plumbing Fixtures	The faucet in the Faculty Lounge is leaking.	Replace the faucet.	87	<input type="checkbox"/>		790.63				X			
P-7 Plumbing Fixtures	The drinking fountain in 107A is dated.	Replace the fountain with a water cooler.	87	<input type="checkbox"/>		7,273.75				X	X		
P-8 Domestic Hot Water Systems	The domestic hot water storage tank and heat exchanger have exceeded their useful life.	Replace the tank and heat exchanger.	86	<input type="checkbox"/>		79,062.50				X	X		
P-9 Piping Systems	Galvanized piping systems exist.	Replace the galvanized piping systems with copper.	84	<input type="checkbox"/>		31,625.00				X			
MECHANICAL (HVAC)													
H-1 Ventilation Systems	The air flow for the Classrooms is limited.	Add ceiling fans to all Classrooms.	92	<input type="checkbox"/>		110,689.08					X	X	
H-2 Not used			92	<input type="checkbox"/>		-							
H-3 Ventilation Systems	Office 14A does not have a mechanical ventilation system.	Provide a ducted fan coil unit for the space.	92	<input type="checkbox"/>		27,278.14			X		X	X	
H-4 Ventilation Systems	Office 200 does not have a mechanical ventilation system.	Provide a console fan coil unit for the space.	92	<input type="checkbox"/>		18,184.38					X	X	
H-5 Ventilation Systems	Conference 204 does not have a mechanical ventilation system.	Provide a console fan coil unit for the space.	92	<input type="checkbox"/>		18,184.38					X	X	
H-6 Ventilation Systems	Speech 206 does not have a mechanical ventilation system.	Provide a console fan coil unit for the space.	92	<input type="checkbox"/>		22,730.47					X	X	
H-7 Ventilation Systems	Work Room 206A does not have a mechanical ventilation system.	Provide a console fan coil unit for the space.	92	<input type="checkbox"/>		18,184.38					X	X	
H-8 Ventilation Systems	Work Room 17 does not have a mechanical ventilation system.	Provide a unit ventilator and relief sytem for the space.	92	<input type="checkbox"/>		45,460.94					X	X	

Five Year Capital Facilities Plan

District-Wide Analysis and Prioritization



Cape Vincent Elementary School

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	BCS #	Health & Safety	Priority L, M, H	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	Site	Architectural	Plumbing	Mechanical	Electrical	Other
H-9 Ventilation Systems	The Main Office Suite and Nurse Suite has insufficient ventilation and window a/c units.	Provide a new HVAC system for the Office Suites.	92	<input type="checkbox"/>		94,560.33			X		X	X	
H-10 Ventilation Systems	The Kitchen exhaust systems are not code compliant and has minimal ventilation air.	Provide a new heating, exhaust hoods and ventilating system for the Kitchen.	92	<input type="checkbox"/>		81,831.27			X		X	X	
H-11 Exhaust Systems	The Main Electrical Room gets hot.	Provide an exhaust system for the Electrical Room.	92	<input type="checkbox"/>		27,276.56					X	X	
H-12 Exhaust Systems	The Custodial Suite Toilet Room does not have an exhaust system.	Provide an exhaust system for the Toilet Room.	92	<input type="checkbox"/>		18,184.38					X	X	
H-13 Exhaust Systems	Toilet Room 12A does not have an exhaust system.	Provide an exhaust system for the Toilet Room.	92	<input type="checkbox"/>		18,184.38					X	X	
H-14 Exhaust Systems	The range in the Faculty Room does not have a hood.	Provide a hood and ansul system for the range.	92	<input type="checkbox"/>		22,730.47					X	X	
H-15 Exhaust Systems	Art Room 202 does not have an exhaust system.	Provide a general exhaust system for the space.	92	<input type="checkbox"/>		18,184.38					X	X	
H-16 Heating Systems	The boiler feed tank is not insulated.	Insulate the boiler feed tank.	89	<input type="checkbox"/>		7,906.25					X		
H17 Heating Systems	The steam heating and piping systems have reached the end of their useful life.	Remove the steam heating systems and convert to hot water. The existng steam boilers would remain and a steam to water heat exchanger plant would be installed.	93	<input type="checkbox"/>		3,049,639.86			X		X	X	
H-18 Heating Systems	The building steam convectors and radiators are original to the building construction.	Replace the sytems and tie into the building DDC system.	93	<input type="checkbox"/>		1,118,340.64			X		X	X	
H-19 Control Systems	The Boiler Room does not have a CO/ gas detection system.	Provide a gas detection system and tie into the building DDC system.	95	<input type="checkbox"/>		11,859.38					X		
H-20 Control Systems	The exhaust fan in the Faculty Toilet Room is not tied into the building DDC system.	Tie the fan into the DDC system.	95	<input type="checkbox"/>		3,953.13					X		
H-21 Control Systems	The building has a pneumatically controlled DDC system.	Remove the pneumatic controls and provide an electronically controlled DDC system.	95	<input type="checkbox"/>		453,028.13					X		
H-22 Piping Systems	The condensate heating piping systems are not insulated.	Insulate and label the heating piping systems.	93	<input type="checkbox"/>		31,625.00					X		
H-23 A/C Systems	The main Data Closet does not have a/c.	Provide a split system a/c unit for the data closet. Provide a DDC space sensor for high temperature alarm.	91	<input type="checkbox"/>		23,718.75				X	X	X	

Five Year Capital Facilities Plan

District-Wide Analysis and Prioritization



ASHLEY MCGRAW

Cape Vincent Elementary School

Topic	Existing Conditions	Recommended work	BCS #	Health & Safety	Priority L, M, H	Estimated Project Cost	Estimate Other Funds	Site	Architectural	Plumbing	Mechanical	Electrical	Other
H-24 A/C Systems	The Faculty Room is hot due to the copy machine and vending machines.	Provide a split system a/c unit for the space.	91	<input type="checkbox"/>		23,718.75				X	X	X	
H-25 A/C Systems	Computer Classroom 209 does not have an air conditioning system.	Provide a split system a/c unit for the space.	91	<input type="checkbox"/>		23,718.75				X	X	X	
H-26 Ductwork systems	The supply ductwork systems associated with AHU-1 in the Lower Level are dirty.	Clean the ductwork systems.	94	<input type="checkbox"/>		3,953.13					X		
H-27 Ductwork systems	The supply ductwork systems associated with AHU-1 in the Lower Level are not insulated.	Insulate the ductwork systems.	94	<input type="checkbox"/>		6,325.00					X		
H-28 Ductwork systems	The toilet exhaust systems are dirty.	Clean the ductwork systems.	94	<input type="checkbox"/>		11,859.38					X		
H-29 Auditorium/ Gym HVAC Systems	The airflow to the space is low.	Provide a dedicated HVAC system for the space and add air conditioning.	94	<input type="checkbox"/>		375,546.88					X	X	
ELECTRICAL													
E-1 Power Distribution	The main switchboard and some remaining panels are original. Breakers are becoming obsolete, and it is not apparent if they have been serviced, and will still operate under fault condition.	Replace 1200A, 208Y/120V Pringle switch, 2 sections of GE switchboards, and original panel boards (spotted 1 dist, 0 branch; assume 1 and 1). Does not include feeders or abatement.	80	<input type="checkbox"/>		347,875.00						X	
E-2 Power Distribution	No Arc Flash Labeling exists. District is not sure of condition of electrical system feeders.	Perform Arc Flash Study. In addition, determine condition of original feeders.	80	<input type="checkbox"/>		12,650.00						X	
E-3 Lighting	Existing stage lighting and wiring is original.	Replace stage lighting system with new dimmer and LED stage border lights and wiring. Verify rigging is in good condition and has capacity.	81	<input type="checkbox"/>		94,875.00						X	
E-4 Communications	Existing Paging is approaching end of life. Wall raceways exist; ceilings could be ACBM.	Replace paging system. Utilize a wall raceway system to route wiring.	82	<input type="checkbox"/>		94,875.00						X	
E-5 Communications	Existing Clock system is approaching end of life. Wall raceways exist; ceilings could be ACBM.	Replace clock system with wireless correction system that matches HS. Provide 120-volt clock outlets and extend existing power circuiting. Provide wall raceways to route wiring.	82	<input type="checkbox"/>		39,531.25						X	

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ASHLEY MCGRAW

Cape Vincent Elementary School

Topic	Existing Conditions	Recommended work	BCS #	Health & Safety	Priority L, M, H	Estimated Project Cost	Estimate Other Funds	Site	Architectural	Plumbing	Mechanical	Electrical	Other
E-6 Fire Alarm & Detection	Fire Detection, Carbon Monoxide Detection, and Notification coverages are lacking in some areas. Wall raceways exist; ceilings could be ACBM.	Expand existing system to current Codes regarding Common Space strobes, Carbon Monoxide detection and fire detection. Update aystem with latest hardware and software. Consider adding FA networking card for secondary alarm notification. Utilize a wall raceway system to route wiring.	96 & 97	<input type="checkbox"/>		173,937.50						X	
E-7 Emergency & Exit Lighting	Emergency Battery lights appear to have proper coverage. However, many areas were dark and did not have Egress Lighting or Night Lighting during our walkthrough, but the building could have been considered as unoccupied at the time (switched off centrally), or there could be UL Listed relays throughout. Optional Standby generator powers entire building and is not considered an emergency system. Wall raceways exist; ceilings could be ACBM.	Perform shutoff test to verify all required areas are covered with both egress (night) lighting, including paths of Egress and Areas of Public Assembly. In addition, verify Emergency lighting for exit discharges. Cost shown is an allowance for rewiring all required spaces to centrally located Night Light switches if needed. Need to determine method and cost for re-routing circuiting.	99 & 100	<input type="checkbox"/>		113,850.00						X	
							Other						
						High Priority	\$ -	\$ -					
						Medium Priority	\$ -	\$ -					
						Low Priority	\$ -	\$ -					
						Subtotal L, M, H	\$ -	\$ -					
						Subtotal Unallocated	\$ 7,333,570	\$ -					
						Total	\$ 7,333,570	\$ -					

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



Bus Garage Cape Vincent

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	<u>BCS #</u>	<u>Health & Safety</u>	<u>Priority L, M, H</u>	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	<u>Site</u>	<u>Architectural</u>	<u>Plumbing</u>	<u>Mechanical</u>	<u>Electrical</u>	<u>Other</u>
SITE													
S-1 No site items				<input type="checkbox"/>		-							
ARCHITECTURAL													
A-1 Exterior walls	Selected areas in need for masonry repointing and lintels are rusty	Repair masonry, joints at selected areas, repair lintels		<input type="checkbox"/>		79,062.50			X				
A-2 Exterior wall back of the building	Rear wall is deteriorated and in poor condition	Renovation and repair 1152 sf		<input type="checkbox"/>		26,881.25			X				
A-3 Exterior - Overhead doors	Overhead doors are poor condition	Replace (6) overhead doors - insulated and electrical operation		<input type="checkbox"/>		56,925.00			X				
A-4 Interior	Toilet and office space in poor condition	Renovate toilet and office space		<input type="checkbox"/>		23,718.75			X				
A-5 Exterior - Addition	The new buses do not fit in the building, they required more depth and taller overhead doors	Addition to increase the building depth in 5'0" and install taller overhead doors		<input type="checkbox"/>		237,187.50			X				
PLUMBING													
P-1 Plumbing Fixtures	The Toilet Room fixtures are dated.	Replace the lavatory, water closet and shower.	87	<input type="checkbox"/>		8,222.50				X			
P-2 Piping Systems	The domestic water piping is not insulated.	Insulate the piping systems.	84	<input type="checkbox"/>		2,371.88				X			
P-3 Drainage Systems	The floor drains are backing up in the Tractor Storage.	Rod and flush the floor drains.	85	<input type="checkbox"/>		1,897.50				X			
P-4 Plumbing Equipment	The pneumatic air compressor and piping systems are dated.	Replace the compressor and piping systems complete.		<input type="checkbox"/>		14,824.22				X		X	
MECHANICAL (HVAC)													
H-1 Controls Systems	The building does not have a DDC system.	Provide a DDC system for the building.	95	<input type="checkbox"/>		39,183.38					X		
H-2 Ventilation Systems	The Office/ Break Room does not have mechanical ventilation.	Provide a PTAC for the space.	92	<input type="checkbox"/>		5,534.38					X		
H-3 Ventilation Systems	The Work Bay does not have mechanical ventilation.	Provide a gas fired rooftop unit and exhaust system for the space.	92	<input type="checkbox"/>		72,223.59				X	X	X	
H-4 Ventilation Systems	The Tractor Storage does not have mechanical ventilation.	Provide a roof mounted exhaust fan and ducted make up air systems (un heated).	92	<input type="checkbox"/>		39,531.25					X		
H-5 Exhaust Systems	The Toilet Room does not have exhaust.	Provide an exhaust system for the space.	92	<input type="checkbox"/>		3,953.13					X		
ELECTRICAL													
E-1 Power Distribution	No Arc Flash Labeling exists. District is not sure of condition of electrical system feeders.	Perform Arc Flash Study. In addition, determine condition of original feeders.	80	<input type="checkbox"/>		3,162.50						X	

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



ASHLEY MCGRAW

Bus Garage Cape Vincent

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	BCS #	Health & Safety Priority L, M, H	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	Site	Architectural	Plumbing	Mechanical	Electrical	Other
				<input type="checkbox"/>								
				High Priority	\$	-	\$	-				
				Medium Priority	\$	-	\$	-				
				Low Priority	\$	-	\$	-				
				Subtotal L, M, H	\$	-	\$	-				
				Subtotal Unallocated	\$	614,679	\$	-				
				Total	\$	614,679	\$	-				

**Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization**



Bus Garage Clayton

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	BCS #	Health & Safety	Priority L, M, H	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	Site	Architectural	Plumbing	Mechanical	Electrical	Other
SITE													
No Site Items													
ARCHITECTURAL													
A-1 Exterior - Overhead doors	Overhead doors in poor condition	Replace (10) overhead doors, electrical operated.		<input type="checkbox"/>		94,875.00			X				
A-2 Exterior Walls	Selected areas in need for masonry repair. Soft joints are in poor condition	Repair masonry on selected areas, repair soft joints and prep and paint lintels		<input type="checkbox"/>		79,062.50		X					
A-3 Exterior Bus Garage	The new buses do not fit in the building, they required more depth and taller overhead doors	Addition to increase the building depth in 5'0" and install taller overhead doors		<input type="checkbox"/>		308,343.75		X					
PLUMBING													
P-1 Plumbing Fixtures	The Boiler Room does not have an eye wash.	Provide an eye-wash in the Boiler Room.	87	<input type="checkbox"/>		2,846.25				X			
P-2 Plumbing Fixtures	The service sink in the Bus Storage Bay is deteriorating.	Repalce the sink, faucet and trim.	87	<input type="checkbox"/>		5,534.38				X			
P-3 Plumbing Fixtures	The Lift/ Service Bay does not have an emergency shower.	Provide an emergency shower for the space.	87	<input type="checkbox"/>		5,376.25				X			
P-4 Piping Systems	The domestic water piping is not insulated.	Insulate and label the piping systems.	84	<input type="checkbox"/>		2,767.19				X			
P-5 Drainage Systems	The floor drains are deteriorating.	Replace the floor drains in the Bus Storage Bay.	85	<input type="checkbox"/>		12,808.13				X			
MECHANICAL (HVAC)													
H-1 Controls Systems	The Boiler Room does not have a CO/ Gas detection system.	Provide a CO/ Gas detection system.	95	<input type="checkbox"/>		11,859.38					X		
H-2 Controls Systems	The building does not have a DDC system.	Provide a DDC system for the building.	95	<input type="checkbox"/>		62,617.50					X		
H-3 Ventilation Systems	The Office Does not have a mechanical ventilation system.	Provide a ventilating fan coil unit to the space.	92	<input type="checkbox"/>		18,184.38					X	X	
H-4 Ventilation Systems	The Wash Bay does not have a mechanical ventilation system.	Provide a roof mounted gas fired rooftop unit and exhaust systems for the space.	92	<input type="checkbox"/>		77,006.88			X	X	X		
H-5 Ventilation Systems	The Bus Storage Bay does not have a mechanical ventilation system.	Provide a roof mounted exhaust system and gravity intake hoods.	92	<input type="checkbox"/>		54,553.13				X	X		
H-6 Ventilation Systems	The Lift/ Service Bay does not have a mechanical ventilation system.	Provide a roof mounted gas fired rooftop unit and exhaust systems for the space.	92	<input type="checkbox"/>		99,286.69					X	X	
ELECTRICAL													
E-1 Power Distribution	No Arc Flash Labeling exists. District is not sure of condition of electrical system feeders.	Perform Arc Flash Study. In addition, determine condition of original feeders.	80	<input type="checkbox"/>		3,162.50						X	
E-2 Power Distribution	No EM stop in remote location.	Add EM stop to building wall.	80	<input type="checkbox"/>		5,534.38						X	
E-3 Standby Power	No standby power exists	Provide standby generator to power fuel island, doors, lights and fuel tracking.		<input type="checkbox"/>		44,275.00						X	

Five Year Capital Facilities Plan
District-Wide Analysis and Prioritization



ASHLEY MCGRAW

Bus Garage Clayton

<u>Topic</u>	<u>Existing Conditions</u>	<u>Recommended work</u>	BCS #	Health & Safety Priority L, M, H	<u>Estimated Project Cost</u>	<u>Estimate Other Funds</u>	Site	Architectural	Plumbing	Mechanical	Electrical	Other
							Other					
High Priority					\$	-	\$	-				
Medium Priority					\$	-	\$	-				
Low Priority					\$	-	\$	-				
Subtotal L, M, H					\$	-	\$	-				
Subtotal Unallocated					\$	888,093	\$	-				
Total					\$	888,093	\$	-				