School	Status	Item	Critical repair estimate	Condition / Issue	Age	Expected Life Span	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
MHS	CRITICAL	Roof	$768,029.00	Numerous roof leaks reported and observed. Several locations of loose and hanging lightning protection along perimeter, especially at gym.		20 years		$768,029.00								
MHS		Roof		PMP ongoing roof maintenance		20 years	$7,343.00	$7,343.00	$7,343.00	$7,343.00	$7,343.00	$7,343.00	$7,343.00	$7,343.00	$7,343.00	$7,343.00
MHS		Facades		renew / recaulk expansion and control joints		15 years										$8,447.00
MHS	CRITICAL	Windows & Doors	$3,600.00	Signs of water infiltration at glass block windows at east gym area.			$3,600.00									
MHS		Windows & Doors		Repair insulated windows and failed seals. Prepare, prime, and paint gymnasium doors				$3,760.32								
MHS		Windows & Doors		Replace exterior metal insulated common doors		30 years						$4,632.00				
MHS		Windows & Doors		Overhead service door replacement 12' x 16'		30 years				$11,707.00						
MHS		Windows & Doors		renew / recaulk windows and doors		15 years								$28,156.00		
MHS		Windows & Doors		Commercial window replacement		25 years						$512,550.00				
MHS		Landscaping / improvements		Signage / entrance monument								$23,782.00				
MHS		Landscaping / improvements		routine concrete and asphalt sidewalk repairs		5 years			$28,190.00					$28,190.00		
MHS		Landscaping / improvements		replacement of exterior light fixtures		15 years								$120,000.00		
MHS		Landscaping / improvements		replace interlocking block retaining wall		25 years						$14,171.00				
MHS		Pavement / parking		New asphalt overlay, repair, and restriping.		25 years						$208,232.00				
MHS		Pavement / parking		routine patching, crack sealing, sealing and striping of asphalt pavement		6 years						$66,634.00				
MHS		Building Interiors		Corridor finish and kitchrn refurbishment		8 years				$836,736.00						
MHS		Plumbing		Replace commercial gas-fired hot water heater		15 years		$57,731.00	$57,731.00							
MHS		HVAC		Through wall packaged or split unity replacement 2 ton		12 years				$7,099.00						
MHS		HVAC		Replace R-410a air cooled condensing unit and rooftop units		18 years		$465,493.00								
MHS		HVAC		Replace AHU - built up indoor unit		20 years		$16,361.00								
MHS		HVAC		Heat recovery ventilater		25 years						$444,000.00				
MHS		HVAC		Replace MAU- Heating only, gas fired		20 years				$32,919.00						
MHS		HVAC		Replace compressor / condenser unit - air cooled		25 years						$68,263.00				
MHS		HVAC		Replace VAV boxes		25 years							$18,000.00	$18,000.00	$18,000.00	$18,000.00
MHS		HVAC		Replace VFD								$17,834.00				
MHS		Electric		Diesel-fired emergency generator								$76,097.00				
MHS		Electric		Perform IR survey		5 years				$3,000.00					$3,000.00	
MHS		Safety		Replace fire alarm control panel with addressable w/o voice		20 years		$30,000.00								
MHS		Elevators		Renovations to elevator cab		20 years		$54,672.00								
MHS		Elevators		Elevator modernizations 3-story hydraulic		20 years		$601,392.00								
Village		Roof		TPD 60 mil roof replacement - low rise		20 years								$647,863.00		
Village		Roof		Extend condensation drain at roof top units. Establish roof maintenance program				$7,200.00								
Village	Critical	Facades	$10,200.00	Remove delaminated concrete at entrance canopy (falling hazard)			$10,200.00									
Village		Facades		Renew / recaulk expansion & control joints		15 years			$3,660.00							
Village		Windows & doors		Renew / recaulk windows & doors		15 years			$14,641.00							
Village		Windows & doors		Overhead service door replacement 12' x 16'		15 years			$3,902.00							
Village		Landscaping		Routine concrete sidewalk repairs		20 years								$3,280.00		
Village	Critical	Landscaping	$300.00	Repair chain link fence; damage adjacent to fields			$300.00									
Village		Landscaping		Repair chasin link fence - routine						$2,611.00						
Village		Landscaping		Replace pole mounted light fixrures		20 years								$1,209.00		
Village		Pavement / Parking		Patching, crack sealing, sealing & striping of asphalt						$17,495.04						
Village		Amenitites		Field house refurbishment				$42,000.00								
Village		Amenitites		Replace playground loose surfacing		6 years			$12,916.00						$12,916.00	
Village	Critical	Building Interiors	$720.00	Replace stained acoutical ceiling tiles and cracked vinyl flooring at east entrace			$720.00									
Village		Building Interiors		Corridor finish refurbishment		8 years		$312,000.00								
Village		Building Interiors		Kitchen Refurbishment		8 years		$27,336.00								
Village	Critical	Building Systems	$2,050.00	Perform IR survey			$2,050.00									
Village	Critical	Building Systems	$24,000.00	Replace security System - not working properly			$24,000.00									
Village		Plumbing		Replace commercial gas fired hot water heaters		15 years			$37,135.00							
Village		HVAC		Through wall packaged/ split unit replacement 2-ton			$17,748.00									

Village		HVAC		Replace rooftop package unit (6 ton)		20 years							$69,733.00			
Village		Elevators		Elevator modernization 3 story hydraulic		20 years								$150,348.00		
Vets	Critical	Roof	$153,533.00	EPDM 60 mil roof replacement - low rise (past expected leak and has active leaks over D wing)			$153,533.00									
Vets		Roof		Extend Condensation drain line at roof top units				$1,800.00								
Vets		Roof		Ongoing Roof Maintenance				$4,650.00								
Vets		Roof		EPDM 60 mil roof replacement		20 years		$349,846.00								
Vets	Critical	Facades	$2,400.00	Repair bowed brick			$2,400.00									
Vets		Facades		Repair / recaulk expansion & control joints				$4,054.48								
Vets		WIndows and Doors		Commercial window replacement									$174,267.00			
Vets		WIndows and Doors		Overhead service door replacement 12' x 16'				$3,904.00								
Vets		wIndows and Doors		Renew/ recaulk windows and doors (sealants are cracked throughout)				$11,262.43								
Vets	Critical	Landscape & Site improvent	$444.00	Repair trip hazards - concrete sidewalks (settled area of sidealk north of C-wing, also repair priority #2 cracks)			$621.68									
Vets		Landscape & Site improvent		SIgnage, entrance / monument		25 years							$7,927.00			
Vets		Landscape & Site improvent		Routine concrete sidewalk repairs		20 years		$13,121.00								
Vets		Landscape & Site improvent		replace pole mounted light fixture		20 years		$1,395.00								
Vets		Pavement & Parking		Patching, crack sealing, sealing & stripping of asphalt						$39,363.84					$39,363.84	
Vets		Pavement & Parking		Mill & overlay asphalt pavement		25 years							$135,313.00			
Vets	Critical	Building Interiors	$6,000.00	Seal concrete cracks at basement (floor slap and wall cracks in basement in A wing)			$6,000.00									
Vets		Building Interiors		Corridor Finish refurbishment		8 years		$360,000.00								$360,000.00
Vets		Building Interiors		Kitchen refurbishment		8 years		$27,336.00								$27,336.00
Vets	Critical	Building Interiors	$24,000.00	Repair vinyl flooring / trip hazards (Cracking at flooring expansion area between school wings)			$24,000.00									
Vets		Building Interiors		Repair stained ceiling (water staining in auditorium ceiling from prior leaks)				$1,200.00								
Vets	Critical	Building Systems		update inspection certificates												
Vets		Plumbing		Replace residentrial electric water heater											$4,744.00	
Vets		Plumbing		Replace gas fired hot water heater											$23,116.00	
Vets		HVAC		Replace R-410a air cooled condensing unit		18 years				$5,644.00						
Vets		HVAC		Replace rooftop package unit (80-ton) single zone, VAV, DX cooling, gas heat		20 years						$182,652.00	$182,652.00	$182,652.00	$182,652.00	$182,652.00
Vets		HVAC		Replace MAU (150-200 MBH Input) heating only, gas fired		20 years						$44,749.00				
Vets		Fire Life safety		Replace fire alarm control panel with new devices		20 years		$105,000.00								
Vets		Elevators		Elevator modernization - 3 story hydraulic				$300,696.00								
Eveleth	Critical	Landscape improvements	1,896	Repair areas deteriorated/ damaged asphalt sidewalks			$1,896.00									
Eveleth		Landscape improvements		Patching, crack sealing, sealing striping of aspalt pavements			$9,359.00									
Eveleth		Landscape improvements		Replace building-mounted light fixtures		20 years	$900.00									
Eveleth		Pavement/ Parking		Asphalt overlay		30 years				$32,100.00						
Eveleth		Amenities		Replace playground equipment		20 years										
Eveleth		Amenities		Replace playground loose surfacing		6 years				$6,602.00						$6,602.00
Eveleth		Amenities		Signage, Entrance/ Monument		25 years									$7,927.00	
Eveleth	Critical	Roof	161,514	EPDM 60 mil roof repalcement			$161,514.00									
Eveleth		Facades		Renew/ recaulk expansion & control joints		15 years				$118.00						
Eveleth		Windows and Door		Repalce exterior metal insulated common doors			$463.00									
Eveleth		Windows and Door		Window glazing			$1,879.00									
Eveleth		Windows and Door		Window glazing		12 years	$3,007.00									
Eveleth		Windows and Door		Periodic repair of broken windows		2 years	$1,440.00		$1,440.00		$1,440.00		$1,440.00		$1,440.00	
Eveleth		Interior F&C		Acoustial ceiling tile			$234.00									
Eveleth		Interior F&C		Common area refurbishment- psf		8 years				$30,000.00						
Eveleth		Acessibility		Complete accessibility compliance upgrades			$6,000.00									
Eveleth		Plumbing		Evalutioan of galvanized supply piping by qualified professional			$3,000.00									
Eveleth		Plumbing		Replace submersible sump pump, Cast Iron (1/2 HP)		10 years	$1,412.00									
Eveleth		Plumbing		Plumbing fixture replacement		20 years	$8,640.00									
Eveleth		Plumbing		Replace commercial gas-fired water heater (<200 MBH)		15 years				$11,558.00						
Eveleth		HVAC		Replace gas/oil-fired steam boiler (2040 MBH)		30 years		$186,900.00								
Eveleth		Electric		Replace Circuit Breaker (30 Amp)		60 years	$8,693.00									
Eveleth		Electric		Replace Circuit Breaker (60 Amp)		60 years	$7,709.00									
Eveleth		Electric		Replace Circuit Breaker (200 Amp)		60 years	$2,734.00									

Coffin	Critical	Landscaping/ Improvements	2,665	Repair trip hazards- asphalt sidewalks		2665										
Coffin		Pavement / Parking		Patching, crack sealing, sealing and striping of asphalt pavement		9,315										
Coffin		Pavement / Parking		Patching, crack sealing, sealing and striping of asphalt pavement	5 years				9,316					9,316		
Coffin		Pavement / Parking		Asphalt overlay	30 years		31,950									
Coffin		Amenities		Replace wood storage shed	30 years	1,503										
Coffin		Amenities		Replace metal storage shed	20 years									1,503		
Coffin		Amenities		Playground loose surfacing replacement.	6 years	7,170						7,170				
Coffin		Amenities		Playground equipment	20 years									21,600		
Coffin		Amenities		Replace metal tables/ benches	15 years				8,640							
Coffin	Critical	Substructure	6,600	Inspection adn report by structural engineer		6600										
Coffin		Roof		Gutter and downspout replacement	20 years	2757										
Coffin		Roof		Built- up roof replacement	59 years	49,756										
Coffin		Roof		Slate Shingle roof repairs (minor)	59 years	17,033										
Coffin		Facades		Renew/ recaulk expansion & control joints	15 years	1,183										
Coffin		Facades		Refinish concrete steps	59 years	1,382										
Coffin		Facades		Replace concrete/ steel stair tread	59 years	1,680										
Coffin		Windows and Doors		Replace exterior solid wood common doors		2,700										
Coffin		Windows and Doors		Replace exterior solid wood common doors	59 years	1080										
Coffin		Windows and Doors		Replace common area interior wood fire doors		2,268										
Coffin		Windows and Doors		Replace operable aluminum-framed insulated windows (large)		200,000										
Coffin		Windows and Doors		Commercial window replacement		8,200										
Coffin		Windows and Doors		Commercial window replacement	59 years	66,632										
Coffin		Windows and Doors		Window glazing		13,230										
Coffin		Interior F&C		Common are refurbishment -psf	8 years	75,072										
Coffin		Interior F&C		Acoustical ceiling tile	20 years	577										
Coffin		Accessibility		Complete accessibility compliance upgrades			12,000									
Coffin	Critical	Plumbing	3000	Evalutiaon of piping		3,000										
Coffin		Plumbing		Plumbing fixture replacement	25 years	11,520	11,520									
Coffin		HVAC		Steam piping partial replacement												
Coffin		HVAC		Steam piping partial replacement	59 years	10,000	10,000	10,000	10,000	10,000	10,000					
Coffin		HVAC		Replace gas/oil-fired steam boiler (1600 MBH)	59 years	349,198										
Coffin		Electric		Perform IR survey low-rise		4,783										
Coffin		Electric		Replace Main Circuit Breaker, single phase (400 amp)	59 years	5,126										
Coffin		Electric		Replace Circuit Breaker (100 amp)	59 years	5,877										
Glover		Landscaping/ Improvements		Routine concrete sidewalk repair	5 years	1,093					1,093					
Glover		Landscaping/ Improvements		Routine Asphalt sidewalk repair	5 years	1,333					1,333					
Glover		Pavement / parking		patching, crack sealing, sealing and striping of asphalt pavement	5 years			13,121					13,121			
Glover		Roof		Extend gutter downspouts to drains		600										
Glover		Roof		Proactive Maintenance program (PMP)- general		6000										
Glover		Facades		Renew/ recaulk expansion joint & control joints	15 years						2,027					
Glover		Facades		Periodic masonry repair and maintenance	10 years				9,000							
Glover		Windows / Doors		Renew / recaulk windows and doors	15 years						8,447					
Glover		Interior F & C		Corridor Refurbishment	8 years			134,400								
Glover		Interior F & C		Kitchen refurbishment (commercial)	8 years			6,834								
Glover		Plumbing		Replace commercial gas-fired water heater (<200 MBH)	15 years						11,558					
Glover		HVAC		Replace rooftop package unit (15-ton)- 100% OA, single zone	20 years		42,139									
Glover		HVAC		Boiler and HVAC component replacement and repair allowance	25 years		15,000		15,000		15,000		15,000		15,000	
Glover		F/L Safety		Sprinkler system 5 year test		5400										
Total			$1,170,951.00			$1,340,728.68	$3,887,091.23	$331,313.00	$1,096,251.88	$18,783.00	$1,720,397.00	$603,845.00	$1,215,162.00	$332,920.84	$625,380.00	
														10 Year Total	$11,171,872.63	