

# GOODLAND MONTESSORI



**PROJECT UPDATE:**

Planning and Design to begin as part of Group 3 projects.

<b>Original Construction</b> 1962	<b>Building Additions</b> None	<b>Site Size</b> 12 acres
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	Current (2022-23)	Projected(2027-28)
Grade Configuration	PK-8	PK-8
Enrollment	325 / 540	368 / 540
Feeder	N/A	N/A
Gross Square Footage	55,140 ft <sup>2</sup>	55,140 ft <sup>2</sup>
Facility Utilization	60.2%	68.1%

## PROJECT SCOPE

- Safety and security updates
- Modernization of learning spaces to accommodate enrollment projections
- Create dedicated sensory room
- New Gymnasium addition
- Infrastructure improvements and building maintenance

## PROJECT TIMELINE



● RFP    ● Design    ● Construction    ★ Construction Completion

Goodland Elementary School

Phase 1 Referendum	Phase 2 Future Work	Omitted from Phase 1	Added Scope to Phase 1	Scope #	Scope Description	Priority	2019 Total Cost	2022 Total Cost	
<b>Architectural and Interior Systems</b>									
1				GLE-INT-1.1	Environmental Remediation Associated with Proposed Renovations (1st Floor)	0-5 years	\$275,222	\$346,285	
	1			GLE-INT-1.2	Environmental Remediation Associated with Proposed Renovations (2nd Floor)	0-5 years	\$78,278	\$98,489	
		1		GLE-INT-2.1	Flooring (1st Floor) - Replace Flooring in Classrooms, Corridors, Gym/Cafeteria, Kitchen, Offices and Lounge	0-5 years	\$381,839	\$480,430	
	1			GLE-INT-2.2	Flooring (Library and 2nd Floor) - Replace Flooring in Classrooms and Library	10-20 years	\$122,291	\$153,867	
		1		GLE-INT-4.1	Interior Walls (1st Floor) - Remove Combustible Materials, Painting	0-5 years	\$111,254	\$139,980	
		1		GLE-INT-4.2	Interior Walls (2nd Floor) - Remove Combustible Materials, Painting	0-5 years	\$30,730	\$38,665	
		1		GLE-INT-5	Interior Walls - Brick Veneer, Clean Walls in Original Building (Dirty and Discolored)	5-10 years	\$10,829	\$13,625	
	1			GLE-INT-6.1	Doors (1st Floor) - Replace Doors, Frames, and Hardware with Accessible Lever Style	0-5 years	\$131,200	\$165,076	
		1		GLE-INT-6.2	Doors (2nd Floor) - Replace Doors, Frames, and Hardware with Accessible Lever Style	0-5 years	\$28,800	\$36,236	
		1		GLE-INT-7.1	Casework (1st Floor) - Replace Classroom, Offices and Lounge Casework	0-5 years	\$205,680	\$372,025	
		1		GLE-INT-7.2	Casework (2nd Floor) - Replace Classroom Casework	0-5 years	\$94,080	\$118,371	
	1			GLE-INT-8.1	Ceiling (1st Floor) - Replace Ceilings in Classrooms, Offices, Corridors, Stairways, Library	0-5 years	\$229,229	\$288,415	
		1		GLE-INT-8.2	Ceiling (2nd Floor) - Replace Ceilings in Classrooms, Offices, Corridors and Stairways	0-5 years	\$23,341	\$29,368	
		1		GLE-INT-9	Lockers - Remove Coat Hooks in West Wing and Provide New Casework Cubbies	5-10 years	\$25,600	\$32,210	
		1		GLE-INT-10	ADA - Replace Library, Reception, Cafeteria and Kitchen Casework, Kitchen Equipment	0-5 years	\$42,368	\$53,307	
		1		GLE-INT-11.1	Toilet Room Renovations - (1st Floor) Renovate to Comply with ADA. Includes Fixtures, Partitions & Finishes	0-5 years	\$684,800	\$861,615	
		1		GLE-INT-11.2	Toilet Room Renovations - (2nd Floor) Renovate to Comply with ADA. Includes Fixtures, Partitions & Finishes	0-5 years	\$108,800	\$136,892	
	1			GLE-INT-12	Structural Repairs - Repair Spalled Concrete and Rusted Rebar in Tunnel	0-5 years	\$72,109	\$90,727	
		1		GLE-INT-13.1	Specialties - Wall Mounted Items, Replace Marker Boards, Smart Boards, and Roller Shades (1st Floor)	0-5 years	\$139,707	\$175,779	
		1		GLE-INT-13.2	Specialties - Wall Mounted Items, Replace Marker Boards, Smart Boards, and Roller Shades (2nd Floor)	0-5 years	\$36,741	\$46,228	
		1		GLE-INT-14	Specialties - Replace Folding Partition in Gymnasium	0-5 years	\$128,000	\$161,050	
<b>Building Envelope Systems</b>									
1				GLE-BE-1	Masonry Repairs - Replace Deteriorated Sealants and Masonry Joints, Replace Through-Wall Flashing in Leaking Areas	0-5 years	\$436,133	\$548,743	
		1		GLE-BE-2	Window Replacement - Replace Windows with New Thermally Efficient Windows at Condition Deteriorates	10-20 years	\$171,253	\$215,470	
		1		GLE-BE-3	Door Replacement - Replace 2 Wood Exterior Doors and Frames with FRP Doors and Hardware	5-10 years	\$6,642	\$8,357	
		1		GLE-BE-4	Door and Storefront Window Replacement - Replace 12 Exterior Doors and Storefront Windows as Systems Age	10-20 years	\$343,170	\$431,776	
		1		GLE-BE-5	Roofing Replacement - Areas 4-8, Replace Existing Roof Systems with Built-Up Roof Systems	0-5 years	\$618,075	\$777,662	
		1		GLE-BE-6	Roofing Replacement - Areas 1-3, Replace Existing Roof Systems with Built-Up Roof Systems	10-20 years	\$640,215	\$805,519	
<b>Electrical Safety Systems</b>									
1				GLE-EE-1	Service Equipment, Distribution System - Replace Electrical Service, Replace Aging Branch Panels, Provide Additional Branch Panels for Current/No Requirements and HVAC Renovations	0-5 years	\$236,800	\$297,941.76	
	1			GLE-EE-2.1	Wiring Devices (1st Floor) - Add Receptacles as Needed and Remove Unused Electrical Conduits, Wiring, and Equipment	5-10 years	\$27,941	\$35,155.87	
		1		GLE-EE-2.2	Wiring Devices (2nd Floor) - Add Receptacles as Needed and Remove Unused Electrical Conduits, Wiring, and Equipment	5-10 years	\$7,348	\$9,245.51	
	1			GLE-EE-3.1	Lighting (1st Floor) - Egress Lighting, Exterior/Site Lighting, Interior Lighting, Lighting Control	0-5 years	\$338,184	\$425,503.15	
		1		GLE-EE-3.2	Lighting (2nd Floor) - Egress Lighting, Interior Lighting, Lighting Control	0-5 years	\$77,156	\$97,077.64	
		1		GLE-EE-4	Fire Alarm System - Replacement with Monitored Addressable System to Meet Code	0-5 years	\$211,738	\$266,408.25	
		1		GLE-EE-5	Electronic Door Access Control - Replace Components as Required as System Ages	5-10 years	\$64,000	\$80,524.80	
		1		GLE-EE-6	Clock System - Provide Wireless GPS Clock System with Battery-Powered Clocks	0-5 years	\$32,934	\$68,602.06	
		1		GLE-EE-7	PA/All-call System - Provide New Paging System, Install Ceiling Mounted Speakers if Replaced with Suspended Ceiling	5-10 years	\$105,869	\$133,204.12	
		1		GLE-EE-8	Video Surveillance System - Provide Cameras to Monitor Interior and Exterior of Building	0-5 years	\$53,760	\$67,640.83	
		1		GLE-EE-9	Emergency Power - Provide a New Generator, Properly Separate Emergency Loads, Provide UPS Systems for IT Closets	0-5 years	\$140,800	\$177,154.56	
<b>Mechanical &amp; Environmental Systems</b>									
1				GLE-ME-1.1	HVAC Controls Systems (1st Floor) - Integrate Existing DDC, Remove Existing Pneumatics	0-5 years	\$153,678	\$193,357.26	
	1			GLE-ME-1.2	HVAC Controls Systems (2nd Floor) - Integrate Existing DDC, Remove Existing Pneumatics	0-5 years	\$40,415	\$50,850.30	
		1		GLE-ME-2.1	Heating Piping System (1st Floor) & Heat Exchanger - Replace Steam System with Heating Water System Heating Piping System (2nd Floor), Boiler Replacement - Replace Steam Boilers/System with Heating Water Boiler Plant	0-5 years	\$1,310,714	\$1,649,140.69	
		1		GLE-ME-2.2	Heating Piping System (2nd Floor) - Add Chilled Water Plant and Add Cooling to 1st Floor Unit Vents	0-5 years	\$641,427	\$807,043.12	
	1			GLE-ME-3	Cooling Plant and West Wing Piping - Add Chilled Water Plant and Add Cooling to 1st Floor Unit Vents	0-5 years	\$510,648	\$642,497.01	
		1		GLE-ME-3	East Wing Cooling Piping - Extend Piping from Chilled Water Plant 2nd Floor Unit Vents	0-5 years	\$66,632	\$83,836.68	
		1		GLE-ME-4	Condensing Units/Split Systems - Provide Dedicated DX Split System to Serve IT Data Closet	10-20 years	\$14,464	\$18,198.60	
		1		GLE-ME-5.1	Classroom Unit Ventilator Cooling Coils (1st Floor), Library Air Handler Replacement	0-5 years	\$593,590	\$746,854.93	
		1		GLE-ME-5.2	Classroom Unit Ventilator Cooling Coils (2nd Floor), Gym Air Handler Replacement	0-5 years	\$156,106	\$196,412.58	
		1		GLE-ME-6	Building General Exhaust Systems, Duct Distribution System - Replace Non-Functional, Aged Fans with Efficient Fans, Ventilation Upgrades for Office	0-5 years	\$259,200	\$326,125.44	
		1		GLE-ME-7	Domestic Water Heating Plant - Provide Two New High Efficiency Water Heaters and Recirculation Pump	10-20 years	\$64,000	\$80,524.80	
		1		GLE-ME-8	Plumbing Fixtures (1st Floor) - Provide Electric Water Coolers with Bottle Fillers at all Drinking Fountains	0-5 years	\$35,674	\$44,885.25	
		1		GLE-ME-8	Plumbing Fixtures (2nd Floor) - Provide Electric Water Coolers with Bottle Fillers at all Drinking Fountains	0-5 years	\$9,382	\$11,804.20	
		1		GLE-ME-9	Domestic Water Piping System (1st Floor) - Replace Galvanized Piping System with Insulated Copper	0-5 years	\$223,531	\$281,246.92	
		1		GLE-ME-9	Domestic Water Piping System (2nd Floor) - Replace Galvanized Piping System with Insulated Copper	0-5 years	\$58,786	\$73,964.08	
		1		GLE-ME-10	Fire Sprinkler Systems - Provide New Fire Protection System for the Entire Building	10-20 years	\$243,738	\$306,670.65	
		1		GLE-ME-11	Mechanical System Retro Cx - Provide Commissioning Services to Test Classroom Unit Ventilators	0-5 years	\$27,570	\$34,688.57	
<b>Site/Civil Systems</b>									
1				GLE-SC-1	Asphalt - High Priority Base Patching, Crack Routing & Filling, Seal Coating & Marking	0-5 years	\$74,970	\$94,326.75	
	1			GLE-SC-2	Asphalt - Medium Priority Base Patching, Crack Routing & Filling, Seal Coating & Marking	5-10 years	\$171,878	\$216,257.40	
		1		GLE-SC-3	Asphalt - Low Priority Base Patching, Crack Routing & Filling, Seal Coating & Marking	10-20 years	\$536,166	\$674,604.56	
		1		GLE-SC-4	Concrete - High Priority - Replace Deteriorated Sidewalks, Pavements, Ramps & Aprons	0-5 years	\$54,458	\$68,518.55	
		1		GLE-SC-5	Concrete - Medium Priority - Replace Deteriorated Sidewalks, Pavements, Ramps & Aprons	5-10 years	\$3,840	\$4,831.49	
		1		GLE-SC-6	Concrete - Low Priority - Replace Deteriorated Sidewalks, Pavements, Ramps & Aprons	10-20 years	\$12,480	\$15,702.34	
		1		GLE-SC-7	Grading & Drainage - Provide Drain Basin in Law/North Property, Slotted Drain in NE Corner Pavement, Underdrain at Sidewalk	0-5 years	\$242,173	\$304,702.30	
		1		GLE-SC-8	Athletic & Playground Equipment - High Priority, Fencing & Gates - High Priority, Landscaping & Greenscape,	0-5 years	\$93,785	\$118,000.64	
		1		GLE-SC-9	Athletic & Playground Equipment - Medium Priority, Fencing & Gates - Medium Priority	5-10 years	\$9,766	\$12,288.08	
		1		GLE-SC-10	Athletic & Playground Equipment - Low Priority, Fencing & Gates - Low Priority	10-20 years	\$153,120	\$192,655.58	
		1		GLE-SC-11	Utilities, Remove Original Water Service and Install New Water Service	10-20 years	\$38,400	\$48,314.88	
		1		GLE-SC-12	Storm Water Management, Provide Basins or Ponds to Comply with DNR for Major Projects	10-20 years	\$282,880	\$355,919.62	
<b>Educational Adequacy</b>									
1				GLE-EDA-1	Renovate Admin Area and Create Secure Entry	EDA	\$110,026	\$138,435.28	
	1			GLE-EDA-2	Renovate Classroom and Storage to Create STEM Lab	EDA	\$21,803	\$27,432.19	
		1		GLE-EDA-3	Create Dedicated Sensory Room in West Wing	EDA	\$7,671	\$9,651.40	
		1		GLE-EDA-4	Kitchen Expansion and Relocation, New Receiving, Relocate Music Classroom	EDA	\$406,075	\$510,923.41	
		1		GLE-EDA-5	Renovate Student Support Areas in East Wing	EDA	\$54,762	\$68,902.05	
		1		GLE-EDA-6	Create New Gymnasium and Renovate Current Gym/Cafeteria into Cafeteria	EDA	\$3,168,698	\$3,986,856.41	
		1		GLE-EDA-7	Create Parent Drop-off Loop on North Side, Relocate Playground	EDA	\$358,528	\$451,100.26	
		1		GLE-EDA-8	Allowance for New Flexible Furniture	EDA	\$127,000	\$159,791.40	
<b>TOTAL GOODLAND ELEMENTARY SCHOOL LRFMP PROJECT COST</b>								<b>\$8,631,942</b>	<b>\$14,824,036</b>
							Phase 2 Future 2022 \$\$	\$3,069,587	
							Original Ref in 2022 \$\$	\$10,860,709	
							Omitted from Phase 1	-\$183,321	
							Added Scope to Phase 1	\$4,146,848	
							Phase 2 Future 2019 \$\$	\$2,439,666	