

Ft. Edward UFSD - 64-06-01-02

Capital Project Scope (Final Feb-2024 BOE Mtg).



Item No.	Scope Category*	Scope Item	Description	Project Budget	Notes
		Site Work			
1	SS	Paving - 2600 SY Full Replacement Plus Dumpster Pad - Assumed to be Heavy Duty Paving	Parking lots north and south side and driveway to parent drop-off loop. Also, bus driver parking area re-pave.	\$266,700	Includes an approximately 300 sq. ft. concrete dumpster pad. Assume full re-construction of parking areas. Scope and budget tbd - based on 2600 SY (Full Replacement)
2	SS	Sidewalk replacement	Primarily on west side between Broadway and building, including degraded site steps. Some selected areas of reconstruction/replacement on Case Street side and sidewalk on north side of Case at bus driver parking lot, needs replacement and widening, accessible grades if possible.	\$72,000	Includes removal of small grass strip at east end of parking area where snow plows have damaged the walk, adjacent to Baseball field.
3	FI	Reconstruct existing water line/source for field area.	Excavation of existing waterline, replace select portion and patch-reseed playing field after completion of work. Allowance to connect existing exterior sprinkler valve boxes to 3" domestic water main after the backflow preventer. Budget to include approximately 200 lf of 3" inside line (path from Stor 129, above Corr C100B, turn above locker rooms, down and out Ofc G102). Exterior to include 150 lf of 3" buried plastic pipe. Includes associated construction, water cannon equipment, and contingency for minor hazardous materials abatement.	\$110,000	Leak in waterline has reduced pressure, limiting the ability to water playfield grass appropriately. Not enough information able to verify existing sprinkler valves source, water pressure/quality. Add allowance for new water main connection.
4	SS	Additional Pole Site Lighting	Per District walk through, this item is to enhance general site lighting at parking and in front areas. Include 4 new poles at parking-loop areas for increased lighting.	\$48,000	See Item 38 for budget of additional building mounted wallpacks.
5	FI	Scoreboard	Electrical connection from bulding to box at bleachers needs repair. Provide electrical conductors and conduit for existing scoreboard. (1" PVC, #10 wires).	\$22,500	Estimated based on rom power source.
6	FI	Playground surfacing (rubber), added equipment	New edging and rubber play surface. Allowance for (2) additional equipment pieces for ADA-Afterschool.	\$180,400	Place and finish new poured-in-place rubber playground surface - includes 6" gravel base
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8		General Construction			
9	SS	Reconstruct front exterior stairs at MS-HS	Reconstruct existing monumental stairs; treads-risers degraded, uneven, includes railings.	\$224,800	Does not include direct ADA access from base of stairs due to internal building level configuration would require a mix of outdoor lift and internal elev (from existing classroom space).
10	FI	Masonry Exterior Wall Repointing			
11	FI	A: Masonry Reconstruction at original (1924) portions of MS-HS	Provide brick repointing, cleaning of limestone cornices, pediments and entablature...	\$637,000	Assumes limited brick and limestone replacement.
12	FI	B: Exterior masonry repointing of 1984 vintage MS-HS	Completed in conjunction with Southeast corner final recommendations.	\$161,000	
13	FI	C: Southeast corner of MS-HS exterior wall condition @ first floor tech and second floor science rooms.	Some block-joint cracking (foundation shifting-rotation, possible settlement). Additional info for extent and timeline, ongoing monitoring and geotech testing-evaluation.	\$25,000	Minimal allowance for masonry repointing.
14	SS	Replace Select Exterior Doors	Vintage 1984 degraded, won't latch-lock. Allowance for (10) pairs in conjunction with Day Automation enhanced security measures.	\$300,000	Locks to be coordinated with District's keying system.
15	R	Roof Replacement	Areas A, B, C and D per 3d Aerial; replace eul/problem vintage areas with fully adhered, single-ply membrane w/flat and tapered poly isocyanate insulation R30.ci, as req'd, rated for code wind uplift and 20 year warranty.		Greenwood Report items to be completed with maintenance funds.
16	R	A: New Main Entrance area.	Select areas of flashing	\$20,250	At skylights and hi-lo flashing. Area adjusted as recent repairs took care of most issues.
17	R	B: MS-HS (aerial A-B)	Single ply membrane	\$995,000	Sq Ft does not include 2018 previously replaced areas.
18	R	C: Common Spaces priorities (aerial Area C)	Single ply membrane	\$1,300,000	Re-roofing allowance to address priority areas.
19	R	D: Area D Priorities	Single ply membrane - lower roof above gym locker room only.	\$400,000	Includes allowance for associated deck-structural work. Area does not include Elem main roof area nor 2004 Adaptive PE.
20	FI	Main Gym Floor Refinish	Refinish option.	\$75,000	Minor sanding to remove existing oil based finish before new water based application.
21	FI	Main Gym - Replace Wall Pads and painting.	Original vintage pads with wall mounted safety pads with concealed fasteners, includes wall patching and painting.	\$55,000	
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23		Mechanical & Plumbing Work			
24	H	Art Room HVAC improvements	Replace 2 ducted 1000-CFM unit ventilators. Replace associated ductwork, diffusers and louvers. Kiln hood-separation. (say 950sf / room) (Allows for new controls)	\$133,000	
25	H	Tech Room Air Handler	Replace 2,000-CFM roof exhaust fan.	\$5,500	
26	H	Tech Room Dust Collector	Remove cyclone duct dust collector, indoor filters and duct exhaust system. Provide motorized shaker style (Sternvent DK380, 15 HP) with HEPA filters. Provide spark suppression deflagration system. Redo dust collection ductwork (required for deflagration system installation). Provide 1-1/2" DCW make-up for deflagration system.	\$218,000	Assumes 10 to 12 pieces of equipment-connection nozzles.
27	H	Additional DDC Controls	Add DDC Controls to common area heating equipment (controller, wall temp sensor, fan control and control valve). (Quantity is estimate)	\$50,000	Offices, Breakroom, and Business Office
28	H	Air Conditioning - Elementary School	Replace classroom Unit Ventilators at second floor elementary school wing. Options: A. Provide new unit ventilators with HW and DX coils. Provide individual remote condensing units on roof for each unit ventilator. Provide refrigerant piping through roof. B. Provide new unit ventilators with HW and variable refrigerant flow coils. Provide one 40-ton variable refrigerant flow outdoor unit (to serve all indoor unit ventilators). Provide refrigerant piping to all new second floor unit ventilators.	\$615,000	Does not include Library NOTE: Cost includes demolition, patching, replacement of exterior louvers, new HVAC units, hydronic piping changes, roofing work, control tie in, pipe chases, line sets to/from ACCU's., electrical support and UV shelving.
29	H	Direct Digital Control (BMS)	Vendor quote based on tie-in to New DDC Head End to all existing HS-MS equipment, wiring, etc..	\$415,095	StarkTech Proposal 23JKK158 11-9-2023. Overlap with other new equipment scope items, which include controls tie-in for now. Proposal based on new BACnet controllers, end devices that read temp to be replaced. Exg damper/valve acuator, relays, current sensors remain.
30	H	Air Conditioning - Middle-High School	Replace (2) classroom Unit Ventilators for HS Classrooms to be located on the Third Floor. Provide new unit ventilators with HW and DX coils. Provide individual remote condensing units on roof for each unit ventilator. Provide refrigerant piping through roof.	\$70,000	Specific locations tbd in design.
31	H	Valve Replacement	Replace existing isolation valves in HW piping system. (Quantity is estimate)	\$75,000	
32	H	Common Area Fan Cabinet Unit Heaters	Replace small cabinet heaters in select stairs, vestibules and common areas. (Quantity is estimate)	\$50,000	

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33	H	Air Conditioning - Main Gym	Remove two AHUs (serving gym) in mezzanine. Provide two 8,000 CFM AHUs with HW coil and DX cooling coil and new ductwork into gymnasium. Provide (2) 20-ton remote condensing units (one for each AHU) with minimum 10-ton staging. Provide two freeze protection pumps (Bell & Gossett PL-36).	\$426,000	
34	R	Buildingwide Rooftop Exhaust Fans	A-B and D above locker rooms Includes replacement of 12 exhaust fans, potentially in coordination with Items 17 through 19.	\$70,000	Budget allowance for conditions/building controls tie in and in conjunction with re-roofing scopes.
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36		Electrical Work			
37	SS	Whole Building Standby Diesel Generator	Provide generator (estimated at 400kW), located to southeast corner of gym. Route conduits on outside of building, above gym and to main electrical room. Disconnect conductors for service disconnect to main distribution panelboard. Provide ATS (800A, 480V) in main electrical room. Provide conductors from service disconnect to ATS. Provide conductors and conduit from ATS to main distribution panelboard. Diesel equipment currently approximate 30 week leadtime.	\$750,000	Pricing includes concrete pad and is based on building services.
38	SS	Enhance exterior building lighting	Allowance for (10) building mounted LED wall packs.	\$25,000	Locations to be finalized in design
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40		Security Enhancements			
41	SS	Reconfigure Main Office - includes secure visitor waiting area.	Principal's Office best adjacent to Main Entry for enhanced security, visitor access and added supervision. Mods to entry vestibule to allow for visitors warm place to wait/ ID process. Renovate the existing Nurse's Suite for Admin..	\$130,000	Major reconstruction (cost for new Health Suite not included).
42	SS	Add "Bank Teller" window to Main Office	Replace exg glazing pane with new frame for enhanced security, allow visitor to pass thru ID for Raptor scanning without gaining access to office space.	\$12,000	
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44		*Scope Category key		\$7,937,245	Construction Budget
45	SS	Safety and Security		\$0	Abatement
46	FI	Facilities Improvements		\$1,587,449	20% Contingency (10% design + 10% construction)
47	R	Roofing		\$150,000	TAB-Commissioning, based on selected project scopes.
48	H	Heating ventilation and conditioning		\$1,209,337	12.5% Percent Cost Escalation
49				\$10,884,031	Construction Budget Sub-Total
50				\$2,721,008	25% Incidentals
51				\$414,962	DASNY per B. Donegans
52				\$680,000	Capitalized Interest (Cap-I) per B. Donegans
53				\$14,700,000	Project Referendum Total