

Harlan Academy High School - 1350

Harlan Community Academy High School

9652 S. Michigan

Region 6

Constructed in 1958 Additional Construction in 1968 and 1970

Assessed on 6/19/2008

Project	Scope	Rank	Ranking Description	Units	Quantity	Cost
Exterior, Window, Roof, & Masonry Renovation						
Door Renovation						
Annex	Exterior Doors	4	Replace	EA	6	\$42,000.00
Main	Exterior Doors	6	Refinish	EA	44	\$81,000.00
Annex	Exterior Stairs (<5 Stairs)	6	25% Maintenance	LF	10	\$1,000.00
Main	Exterior Stairs (>5 Stairs)	5	50% Repair	LF	5	\$2,000.00
Main	Interior Stairs	6	25% Maintenance	EA	4	\$21,000.00
						\$147,000.00
Exterior Renovation						
Main	Masonry - Rebuild	5	Patch	SF	100	\$7,000.00
Main	Masonry - Tuckpointing/Cleaning	6	Tuckpoint&Clean	SF	40,278	\$415,000.00
Annex	Metal Panel wall	5	Patch	SF	4,321	\$112,000.00
Main	Steel Lintels	5	Patch	LF	60	\$10,000.00
Annex	Window Guards	4	Replace	SF	1,138	\$33,000.00
Main	Window Guards	7	Stable	SF	5,770	\$13,000.00
Annex	Windows	3	Replace	SF	1,138	\$100,000.00
						\$690,000.00
Roof Renovation						
Main	Built Up Roof	4	100% Replace	SF	116,000	\$2,761,000.00
Main	Exterior Canopy	6	25% Maintenance	SF	3,565	\$41,000.00
Annex	Exterior Canopy	6	25% Maintenance	SF	972	\$12,000.00
						\$2,814,000.00
Priority Total:						\$3,651,000.00
Mechanical, Electrical, & Plumbing Renovation						
Bathroom/Plumbing System Renovation						
Main	Booster pump	4	100% Replace	EA	1	\$11,000.00
Main	Ejector	4	100% Replace	EA	4	\$39,000.00
Main	Hot/Cold Water Piping	4	100% Replace	SF	157,500	\$41,000.00
Annex	Hot/Cold Water Piping	4	100% Replace	SF	11,400	\$3,000.00
Main	Locker/Shower Room	6	25% Maintenance	EA	3	\$309,000.00
Annex	Restrooms (<10 Fixtures)	5	50% Repair	EA	2	\$89,000.00
Main	Restrooms (<10 Fixtures)	6	25% Maintenance	EA	6	\$93,000.00

*** Ranking Description**

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Main	Restrooms (>10 Fixtures)	6	25% Maintenance	EA	6	\$136,000.00
Main	Sanitary Piping	4	100% Replace	SF	157,500	\$65,000.00
Annex	Sanitary Piping	4	100% Replace	SF	11,400	\$5,000.00
Annex	Staff Restrooms	6	25% Maintenance	EA	1	\$3,000.00
Main	Staff Restrooms	5	50% Repair	EA	9	\$64,000.00
Main	Storage tank	6	25% Maintenance	EA	2	\$1,000.00
Annex	Water heater	4	100% Replace	EA	2	\$6,000.00
Main	Water heater	6	25% Maintenance	EA	4	\$6,000.00
						\$871,000.00

Boiler/Mechanical System Renovation

Main	AHU Fan (Single/Multi zone <10 KCFM)	5	50% Repair	EA	4	\$114,000.00
Main	AHU Fan (Single/Multi zone <20 KCFM)	5	50% Repair	EA	3	\$110,000.00
Main	AHU Fan (Single/Multi zone >20 KCFM)	5	50% Repair	EA	1	\$66,000.00
Main	Air Handler Auxiliary (<10 KCFM)	6	25% Maintenance	EA	4	\$31,000.00
Main	Air Handler Auxiliary (<20 KCFM)	6	25% Maintenance	EA	3	\$40,000.00
Main	Air Handler Auxiliary (>20 KCFM)	6	25% Maintenance	EA	1	\$12,000.00
Main	Boiler Auxiliary System (>125 HP)	6	25% Maintenance	EA	1	\$24,000.00
Main	Combustion Intake Dampers	5	50% Repair	EA	3	\$7,000.00
Annex	DDC System	4	100% Replace	SF	11,400	\$43,000.00
Main	Exhaust Ventilation Fans	6	25% Maintenance	SF	157,500	\$13,000.00
Annex	Exhaust Ventilation Fans	6	25% Maintenance	SF	11,400	\$1,000.00
Main	Fresh Air Intake	5	50% Repair	EA	8	\$67,000.00
Main	Mechanical/Service Rooms	6	25% Maintenance	SF	11,400	\$47,000.00
Annex	Mechanical/Service Rooms	6	25% Maintenance	SF	400	\$2,000.00
Main	Metal Flue	6	25% Maintenance	EA	2	\$1,000.00
Main	Non-Ducted Air Return	5	Upgrade System	EA	8	\$396,000.00
Main	Pneumatic System	4	100% Replace	SF	157,500	\$317,000.00
Main	Radiators	5	50% Repair	EA	60	\$44,000.00
Main	Return Fans	5	50% Repair	EA	5	\$56,000.00
Main	Roof Top Unit (<20 Ton)	6	25% Maintenance	EA	1	\$16,000.00
Main	Steam/Hot Water Heat Exchanger	6	25% Maintenance	EA	2	\$6,000.00
Annex	Thermostat and Zone Dampers	6	25% Maintenance	SF	11,400	\$2,000.00
Main	Thermostat and Zone Dampers	4	100% Replace	SF	157,500	\$186,000.00
Annex	Unit Ventilators	6	25% Maintenance	EA	13	\$25,000.00
Main	Unit Ventilators	6	25% Maintenance	EA	68	\$130,000.00
						\$1,756,000.00

Lighting Renovation

Annex	Battery Pack Lights	4	100% Replace	SF	11,400	\$4,000.00
Main	Battery Pack Lights	5	50% Repair	SF	157,500	\$34,000.00
Annex	ComEd Feed - Independent	6	25% Maintenance	EA	1	\$3,000.00
Annex	Distribution panels	6	25% Maintenance	SF	11,400	\$4,000.00
Main	Distribution panels	6	25% Maintenance	SF	157,500	\$49,000.00
Main	Emergency AC Lighting	6	25% Maintenance	SF	157,500	\$34,000.00
Annex	Exit Signage	4	100% Replace	SF	11,400	\$7,000.00
Annex	Exterior Lighting	6	25% Maintenance	SF	11,400	\$5,000.00

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Annex	Fire Alarm	4	100% Replace	SF	11,400	\$28,000.00
Main	Generator	4	100% Replace	EA	1	\$31,000.00
Annex	Panel Boards	6	25% Maintenance	SF	11,400	\$2,000.00
Main	Panel Boards	6	25% Maintenance	SF	157,500	\$24,000.00
Annex	Security System	5	50% Repair	SF	11,400	\$9,000.00
Annex	Sprinkler System	4	100% Replace	SF	11,400	\$28,000.00
Annex	Switch Board (<1000A)	6	25% Maintenance	EA	1	\$4,000.00
Main	Switch Board (>1600A)	4	100% Replace	EA	1	\$144,000.00
Main	Switch Board (1000 to 1600A)	4	100% Replace	EA	1	\$54,000.00
Main	UPS System	4	100% Replace	EA	1	\$70,000.00
						\$534,000.00

Priority Total:

\$3,161,000.00

Interior Renovation

Gymnasium Renovation

Main	Gymnasium	6	25% Maintenance	SF	14,125	\$146,000.00
Main	Weight/Fitness Room	6	25% Maintenance	EA	1	\$11,000.00
						\$157,000.00

Interior Renovation

Main	Administrative Suites	6	25% Maintenance	EA	5	\$80,000.00
Annex	Administrative Suites	6	25% Maintenance	EA	1	\$16,000.00
Main	Arts: Music, Dance, Graphics, etc.	6	25% Maintenance	EA	4	\$75,000.00
Main	Auditorium	6	25% Maintenance	EA	1	\$284,000.00
Main	Classrooms	6	25% Maintenance	EA	30	\$354,000.00
Annex	Classrooms	6	25% Maintenance	EA	7	\$83,000.00
Main	Computer Labs	6	25% Maintenance	EA	5	\$140,000.00
Annex	Computer Labs	6	25% Maintenance	EA	1	\$28,000.00
Main	Corridor/Lobby	6	25% Maintenance	LF	2,291	\$118,000.00
Annex	Corridor/Lobby	6	25% Maintenance	LF	180	\$10,000.00
Main	GreenHouse	5	50% Repair	EA	1	\$103,000.00
Main	Interior Doors	4	100% Replace	EA	153	\$355,000.00
Annex	Interior Doors	6	25% Maintenance	EA	21	\$11,000.00
Main	Labs	6	25% Maintenance	EA	1	\$26,000.00
Main	Library	6	25% Maintenance	SF	1,650	\$29,000.00
Main	Vocational Shops	6	25% Maintenance	EA	1	\$37,000.00
						\$1,749,000.00

Kitchen and Lunchroom Renovation

Main	Kitchen	6	25% Maintenance	EA	1	\$49,000.00
Main	Lunchroom	6	25% Maintenance	EA	1	\$42,000.00
	Trash Enclosures	5	50%Repair /New	EA	2	\$8,000.00
						\$99,000.00

Science Lab Renovation

Main	Science Lab	6	25% Maintenance	EA	6	\$526,000.00
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Swimming Pool Renovation

Main	Swimming Pool	6	25% Maintenance	EA	1	\$181,000.00
						\$181,000.00

Priority Total:**\$2,712,000.00****Site Improvement**

Site Improvements

Fencing	4	100% Replace/ New	LF	1,192	\$123,000.00	
Free-Standing Signage	6	100%Refinish	EA	1	\$3,000.00	
Parking lot interior plantings	4	100%Replace/Code	EA	48	\$66,000.00	
Parkway trees	4	100%Replace/New Trees	EA	17	\$17,000.00	
Playground - Sod	6	Refinish	SF	95,600	\$149,000.00	
School Yard & Playlots	5	Repair	SF	35,000	\$145,000.00	
Sidewalks	6	Refinish	LF	1,192	\$13,000.00	
						\$516,000.00

Priority Total:**\$516,000.00****School Total:****\$10,040,000.00**

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