

# Marshall High School - 1470

John Marshall Metropolitan High School  
 3250 W. Adams  
 Region 3  
 Constructed in 1930 Additional Construction in 1976  
 Assessed on 12/10/2008

Project	Scope	Rank	Ranking Description	Units	Quantity	Cost
<b>Exterior, Window, Roof, &amp; Masonry Renovation</b>						
<b>Door Renovation</b>						
Main	Entrance Control	4	100% Replace	EA	1	\$4,000.00
Main	Exterior Doors	5	Repair	EA	83	\$355,000.00
Main	Exterior Stairs (<5 Stairs)	5	50% Repair	LF	130	\$27,000.00
Main	Exterior Stairs (>5 Stairs)	6	25% Maintenance	LF	6	\$1,000.00
Main	Interior Stairs	6	25% Maintenance	EA	26	\$134,000.00
						<b>\$521,000.00</b>
<b>Exterior Renovation</b>						
Main	Masonry - Rebuild	5	Patch	SF	300	\$19,000.00
Main	Masonry - Tuckpointing/Cleaning	6	Tuckpoint&Clean	SF	112,044	\$1,155,000.00
Main	Metal Panel wall	6	Refinish	SF	245	\$2,000.00
Main	Metal Projecting Cornice	6	Refinish	LF	612	\$56,000.00
Main	Steel Lintels	6	Refinish	LF	600	\$7,000.00
Main	Window Guards	6	Refinish	SF	4,700	\$25,000.00
Main	Windows	4	Replace	SF	33,078	\$2,878,000.00
						<b>\$4,142,000.00</b>
<b>Roof Renovation</b>						
Main	Built Up Roof	2	100% Replace	SF	82,500	\$1,965,000.00
Main	Exterior Canopy	7	Stable	SF	4,000	\$2,000.00
Main	Parapet	6	25% Maintenance	LF	2,010	\$214,000.00
Main	Shingle Roof	6	25% Maintenance	SF	48,630	\$76,000.00
						<b>\$2,257,000.00</b>
<b>Stack (Chimney) Renovation</b>						
Main	Chimney	5	50% Repair	EA	2	\$155,000.00
						<b>\$155,000.00</b>
<b>Priority Total:</b>						<b>\$7,075,000.00</b>

## Priority Total:

**\$7,075,000.00**

## Mechanical, Electrical, & Plumbing Renovation

### Bathroom/Plumbing System Renovation

Main	Ejector	5	50% Repair	EA	10	\$23,000.00
Main	Hot/Cold Water Piping	4	100% Replace	SF	323,800	\$85,000.00

#### \* Ranking Description

1=Life Safety, 2,3,4=100% Replace, 5=50% Repair, 6=25% Maintenance, 7=Maintenance

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Main	Locker/Shower Room	6	25% Maintenance	EA	3	\$309,000.00
Main	Restrooms (<10 Fixtures)	6	25% Maintenance	EA	2	\$31,000.00
Main	Restrooms (>10 Fixtures)	6	25% Maintenance	EA	10	\$227,000.00
Main	Sanitary Piping	4	100% Replace	SF	323,800	\$133,000.00
Main	Staff Restrooms	5	50% Repair	EA	7	\$50,000.00
Main	Storage tank	6	25% Maintenance	EA	2	\$1,000.00
Main	Water heater	4	100% Replace	EA	3	\$9,000.00
						<b>\$868,000.00</b>

**Boiler/Mechanical System Renovation**

Main	AHU Fan (Single/Multi zone <10 KCFM)	4	100% Replace	EA	1	\$54,000.00
Main	AHU Fan (Single/Multi zone <20 KCFM)	4	100% Replace	EA	1	\$89,000.00
Main	AHU Fan (Single/Multi zone >20 KCFM)	4	100% Replace	EA	7	\$953,000.00
Main	Air Handler Auxiliary (<10 KCFM)	5	50% Repair	EA	1	\$16,000.00
Main	Air Handler Auxiliary (<20 KCFM)	5	50% Repair	EA	1	\$19,000.00
Main	Air Handler Auxiliary (>20 KCFM)	5	50% Repair	EA	7	\$155,000.00
Main	Boiler Assembly (>125 HP)	5	50% Repair	EA	2	\$137,000.00
Main	Boiler Auxiliary System (>125 HP)	5	50% Repair	EA	1	\$44,000.00
Main	Combustion Intake Dampers	5	50% Repair	EA	3	\$7,000.00
Main	Exhaust Ventilation Fans	5	50% Repair	SF	323,800	\$98,000.00
Main	Fresh Air Intake	5	50% Repair	EA	9	\$75,000.00
Main	Mechanical/Service Rooms	6	25% Maintenance	SF	63,200	\$310,000.00
Main	Metal Flue	6	25% Maintenance	EA	2	\$1,000.00
Main	Non-Ducted Air Return	4	Replace System	EA	9	\$1,020,000.00
Main	Pneumatic System	4	100% Replace	SF	323,800	\$651,000.00
Main	Radiators	4	100% Replace	EA	125	\$271,000.00
Main	Thermostat and Zone Dampers	4	100% Replace	SF	323,800	\$383,000.00
Main	Unit Ventilators	6	25% Maintenance	EA	7	\$24,000.00
						<b>\$4,307,000.00</b>

**Lighting Renovation**

Main	Distribution panels	4	100% Replace	SF	323,800	\$402,000.00
Main	*** Emergency AC Lighting	5	50% Repair	SF	323,800	2004 PROJECT
Main	Exterior Lighting	6	25% Maintenance	SF	323,800	\$117,000.00
Main	Fire Alarm	4	100% Replace	SF	323,800	\$784,000.00
Main	Fire Pump (<1000 GPM)	4	100% Replace	EA	1	\$53,000.00
Main	Interior Lighting	5	50% Repair/Replace	SF	323,800	\$1,458,000.00
Main	Panel Boards	4	100% Replace	SF	323,800	\$302,000.00
Main	Security System	6	25% Maintenance	SF	323,800	\$169,000.00
Main	Sprinkler System	4	100% Replace	SF	323,800	\$768,000.00
Main	*** Switch Board (>1600A)	4	100% Replace	EA	1	2004 PROJECT
Main	*** Transformer	5	50% Repair	EA	5	2004 PROJECT
						<b>\$4,053,000.00</b>

**Priority Total: \$9,228,000.00**

**Interior Renovation**

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**Gymnasium Renovation**

Main	Gymnasium	6	25% Maintenance	SF	21,120	\$218,000.00
Main	Weight/Fitness Room	6	25% Maintenance	EA	2	\$21,000.00
						<b>\$239,000.00</b>

**Interior Renovation**

Main	Administrative Suites	6	25% Maintenance	EA	4	\$64,000.00
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	40	\$632,000.00
Main	Computer Labs	6	25% Maintenance	EA	5	\$140,000.00
Main	Corridor/Lobby	6	25% Maintenance	LF	3,658	\$248,000.00
Main	GreenHouse	6	25% Maintenance	EA	1	\$53,000.00
Main	Interior Doors	5	50% Repair	EA	368	\$683,000.00
						<b>\$2,179,000.00</b>

**Kitchen and Lunchroom Renovation**

Main	Kitchen	6	25% Maintenance	EA	1	\$49,000.00
Main	Lunchroom	6	25% Maintenance	EA	2	\$83,000.00
	Trash Enclosures	4	100% Replace/ New	EA	2	\$19,000.00
						<b>\$151,000.00</b>

**Science Lab Renovation**

Main	Science Lab	6	25% Maintenance	EA	6	\$526,000.00
						<b>\$526,000.00</b>

**Student Locker Renovation**

Main	Lockers	6	25% Maintenance	EA	2,400	\$161,000.00
						<b>\$161,000.00</b>

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**Priority Total:** **\$3,256,000.00**

**Site Improvement****Site Improvements**

	Fencing	4	100% Replace/ New	LF	781	\$81,000.00
	Parking lot interior plantings	4	100%Replace/Code	EA	16	\$22,000.00
	Parking lots	4	Replace	SF	29,200	\$581,000.00
	Parkway trees	4	100%Replace/New Trees	EA	27	\$27,000.00
	Playground - Sod	6	Refinish	SF	12,500	\$20,000.00
	School Yard & Playlots	6	Refinish	SF	75,706	\$137,000.00
	Vehicular Screening	4	100%Replace/New(6' Solid)	LF	837	\$82,000.00
						<b>\$950,000.00</b>

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**Priority Total:** **\$950,000.00**

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**School Total:** **\$20,509,000.00**

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