

# Marshall High School - 1470

John Marshall Metropolitan High School  
 3250 W. Adams  
 Region 3  
 Constructed in 1930 Additional Construction in 1976  
 Assessed on 1/4/2006

Project	Scope	Rank	Ranking Description	Units	Quantity	Cost
<b>Exterior, Window, Roof, &amp; Masonry Renovation</b>						
<b>Doors</b>						
	Leafs - Door, Frame, Hardware & Transo	4	Replace	EA	83	\$581,000.00
						<b>\$581,000.00</b>
<b>Exterior Renovation</b>						
	< 5 Risers in LF	5	50% Repair	LF	132	\$28,000.00
	> 5 Risers in LF	6	25% Maintenance	LF	6	\$1,000.00
	Aluminum	4	Replace	SF	33,079	\$1,704,000.00
	Concrete - Can	6	25% Maintenance	SF	4,000	\$46,000.00
	Lintels - Brick	6	Refinish	LF	264	\$3,000.00
	Masonry - Tuckpointing/Cleaning	7	Stable	SF	112,344	\$279,000.00
	Metal Panel	6	Refinish	SF	245	\$2,000.00
	Projecting Cornice - metal	6	Refinish	LF	612	\$48,000.00
						<b>\$2,111,000.00</b>
<b>Roof Repair</b>						
	Masonry w/cap	6	25% Maintenance	LF	2,014	\$156,000.00
	Shingle	6	25% Maintenance	SF	48,632	\$76,000.00
						<b>\$232,000.00</b>
<b>Stack (Chimney)</b>						
	Masonry	6	25% Maintenance	EA	2	\$53,000.00
	Metal	6	25% Maintenance	EA	2	\$1,000.00
						<b>\$54,000.00</b>
<b>Priority Total:</b>						<b>\$2,978,000.00</b>

## Mechanical, Electrical, & Plumbing Renovation

### Bathroom/Plumbing System

Ejector	5	50% Repair	EA	10	\$23,000.00
Hot/Cold Water	4	100% Replace	SF	323,800	\$85,000.00
Public Toilet Rooms < 10 Fixtures	6	25% Maintenance	EA	2	\$31,000.00
Public Toilet Rooms > 10 Fixtures	6	25% Maintenance	EA	10	\$227,000.00
Sanitary	4	100% Replace	SF	323,800	\$133,000.00
Storage tank	6	25% Maintenance	EA	2	\$1,000.00

#### \* Ranking Description

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

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Toilets - Staff	5	50% Repair	EA	7	\$50,000.00
Water heater	4	100% Replace	EA	3	\$10,000.00
					<b>\$560,000.00</b>

#### Boiler/Mechanical System

Boiler Assembly < 125 HP	6	25% Maintenance	EA	1	\$12,000.00
Boiler Assembly > 125 HP	5	50% Repair	EA	2	\$137,000.00
Boiler Auxiliary System > 125 HP	5	50% Repair	EA	1	\$64,000.00
					<b>\$213,000.00</b>

#### Fire Alarm System

Fire Alarm	4	100% Replace	SF	323,800	\$784,000.00
					<b>\$784,000.00</b>

#### LAN Power Distribution

*** Emergency AC Lighting	5	50% Repair	SF	306,000	2004 PROJECT
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#### Life Safety Upgrade

< 1000 GPM	4	100% Replace	EA	1	\$55,000.00
Distribution panels	5	50% Repair	SF	323,800	\$234,000.00
Entrance Control	4	100% Replace	EA	1	\$4,000.00
Panel Boards	5	50% Repair	SF	323,800	\$169,000.00
Security System	6	25% Maintenance	SF	323,800	\$169,000.00
*** Transformer	5	50% Repair	EA	5	2004 PROJECT
Wet/Dry Sprinkler System	4	100% Replace	SF	32,200	\$77,000.00
					<b>\$708,000.00</b>

#### Lighting

Exterior Lighting	6	25% Maintenance	SF	323,800	\$117,000.00
Interior Lighting	5	50% Repair/Replace	SF	323,800	\$1,085,000.00
					<b>\$1,202,000.00</b>

#### Mechanical, Electrical & Plumbing Renovation

AHU Fan - Single/ Multi zone <10 KCFM	4	100% Replace	EA	1	\$68,000.00
AHU Fan - Single/Multi zone <20 KCFM	4	100% Replace	EA	2	\$215,000.00
AHU Fan - Single/Multi zone >20 KCFM	4	100% Replace	EA	6	\$792,000.00
Air Handler Auxiliary - <10 KCFM	5	50% Repair	EA	1	\$18,000.00
Air Handler Auxiliary - <20 KCFM	5	50% Repair	EA	2	\$42,000.00
Air Handler Auxiliary - >20 KCFM	5	50% Repair	EA	6	\$165,000.00
Combustion Intake Dampers	5	50% Repair	EA	3	\$7,000.00
Fan	6	25% Maintenance	SF	323,800	\$26,000.00
Fresh Air Intake	5	50% Repair	EA	9	\$75,000.00
Non-Ducted Air Return	4	Replace System	EA	9	\$1,020,000.00
Pneumatic System	4	100% Replace	SF	323,800	\$651,000.00
Radiators	4	100% Replace	EA	125	\$493,000.00
Thermostat and Zone Dampers	4	100% Replace	SF	323,800	\$383,000.00
Unit Ventilators	6	25% Maintenance	EA	7	\$29,000.00

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\$3,984,000.00

Service Upgrades

*** Switch Board - Greater than 1600A	6	25% Maintenance	EA	1	2004 PROJECT
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Priority Total:

\$7,451,000.00

Interior Renovation

Gymnasium Renovation

Gymnasium	6	25% Maintenance	SF	21,120	\$218,000.00
					<b>\$218,000.00</b>

Interior Finish

Administrative Suites	6	25% Maintenance	EA	5	\$80,000.00
Arts - Music, Dance, Graphics, etc. 120	6	25% Maintenance	EA	5	\$93,000.00
Auditorium	6	25% Maintenance	EA	1	\$284,000.00
Computer Labs/ACAD	6	25% Maintenance	EA	6	\$167,000.00
Corridor/Lobby	6	25% Maintenance	LF	3,658	\$189,000.00
General Classrooms	6	25% Maintenance	EA	41	\$465,000.00
GreenHouse	6	25% Maintenance	EA	1	\$53,000.00
Interior Doors	5	50% Repair	EA	368	\$683,000.00
Locker/Shower Room	6	25% Maintenance	EA	3	\$309,000.00
Mechanical/Service Rooms	6	25% Maintenance	SF	63,100	\$288,000.00
Stairwell - (Stairwells * Floors)	6	25% Maintenance	EA	26	\$134,000.00
Weight/Fitness Room	6	25% Maintenance	EA	2	\$21,000.00
					<b>\$2,766,000.00</b>

Kitchen and Lunchroom Renovation

Kitchen	6	25% Maintenance	EA	1	\$49,000.00
Lunchroom	6	25% Maintenance	EA	2	\$83,000.00
					<b>\$132,000.00</b>

Science Labs

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

Student Lockers

Lockers	5	50% Repair	EA	1,677	\$320,000.00
					<b>\$320,000.00</b>

Priority Total:

\$3,962,000.00

Site Improvement

Site Improvements

Fencing	4	100% Replace/ New	LF	781	\$82,000.00
Free-Standing Signage	6	100%Refinish	EA	1	\$3,000.00
Parking lot interior plantings	4	100%Replace/Code	EA	3	\$5,000.00
Parking lots	6	Refinish	SF	5,200	\$9,000.00

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Parkway trees 25' oc.	4	100%Replace/New Trees	EA	20	\$20,000.00
Playground - Sod	6	Refinish	SF	12,500	\$20,000.00
School Yard & Playlots	5	Repair	SF	75,706	\$312,000.00
Sidewalks	6	Refinish	LF	1,165	\$12,000.00
Trash Enclosures (Dumpsters / 4)	4	100% Replace/ New	EA	2	\$127,000.00
Vehicular Screening	4	100%Replace/New(6' Solid)	LF	217	\$22,000.00
					<b>\$612,000.00</b>

**Priority Total:**

**\$612,000.00**

**School Total:**

**\$15,003,000.00**

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