



Board Meeting
September 11, 2012

2012 Chicago Public School Openings



2012 Chicago Public School Openings

The Public Building Commission, on behalf of Chicago Public Schools, delivered four school projects in 2012 to date as follows:

1. **Sarah E. Goode STEM Academy**– opened September 2012
Address: 7651 S. Homan Ave. in the Ashburn Community
2. **James Shields Middle School** – opened September 2012
Address: 2611 W. 48th St. in the Brighton Park Community
3. **Edgebrook Elementary School Addition**- opened September 2012
Address: 6525 N. Hiawatha Ave. in the Forest Glen Community
4. **Air Force Academy Renovation**- opened September 2012
Address: 3630 S. Wells St. in the Armour Square Community



Sarah E. Goode STEM Academy

Building Features

- Steel Frame and Masonry Construction
- 207,600 Square Feet
- 3-floors plus lower level
- Capacity: 1200 Students
- 22 Standard Academic Classrooms
- 8 STEM Labs
- 6 Science Labs
- 2 Visual Arts Classrooms
- 2 Performing Arts Classrooms
- 2 Distance Learning Labs (Video Teleconference)
- Scene Shop, Dressing Room & Green Room
- College Resource Center
- Library/Media Resource Center
- Gymnasium: 2 station Gymnasium that converts into a 1200 seat Auditorium with state-of-the-art performance theater system
- Natatorium with 6 Lane Pool
- Fitness/Weight Room
- Administrative Suite
- Nurse and Student Support Service
- Kitchen and Dining Facilities
- State-of-the-art Computer Network
- Central Air Conditioning
- Fully Commissioned Building Automation System
- Fully Accessible to People With Disabilities



Sarah E. Goode STEM Academy

Special Provisions

Designed for **Community Use** on evenings and weekends-separate, independent entrances for both library and the athletic wing as well as dedicated storage and spaces for the Chicago Park District or another community operator.

CPS partnership with **IBM** to create early college **STEM** program. Eight STEM labs were developed to accommodate this program.

Exterior Amenities

- Outdoor Athletic Amenities:
 - Combination Artificial Turf Soccer & Football Field with Bleachers
 - Baseball Diamond
 - Softball Diamond
 - Track & Field Venues
 - 5 Tennis Courts
- Parking Lot
- Entry Plaza
- Outdoor Reading Garden
- Green and Reflective Roof





Sarah E. Goode STEM Academy

Cost and Schedule Performance

- Budget Authority: \$109,459,234
- Variance Current Projection to Approved Budget:
25.74% or \$28,177,241 Under Budget
- Total Project Cost: \$81,281,993
- Construction Contract Value: \$62,452,000
- General Contractor: F.H. Paschen, S.N. Nielsen & Associates, LLC
- Construction Duration: 25 Months
- Opening Date: September 2012





Sarah E. Goode STEM Academy

M/WBE Performance To Date

- MBE Paid to Date: \$20,060,162.12 or 35.60%
- WBE Paid to Date: \$2,595,090.97 or 4.61%
- **Total M/WBE Paid to Date: 40.21%**

Job Creation

- 279 Full Time Equivalent (FTE) Jobs Created : (228 FTE Construction, 51 FTE Professional Service Providers)
- **1263 Individuals Employed: (Construction Only)**





James Shields Middle School

Building Features

- 101,028 Square Feet
- Steel Frame and Masonry Construction
- Fully Commissioned Building Automation System
- Fully Accessible to People With Disabilities
- Capacity: 900 Students
- 26 Standard Academic Classrooms
- 2 Multipurpose Rooms
- 2 Computer Labs
- 4 Science Labs
- 1 Music Classroom
- 1 Art Classroom
- Gymnasium and Stage
- Kitchen and Dining Facilities
- Library/Media Resource Center
- Administrative Suite
- Nurse and Student Support Service
- State-of-the-art Computer Network
- Central Air Conditioning





James Shields Middle School

Special Provisions

Designed for **Community Use** on evenings and weekends-with access to gym, dining room and other specialty spaces.

Exterior Amenities

- Parking Lot
- Playlot
- Learning Gardens and Orchard
- Green and Reflective Roof



James Shields Middle School

Cost and Schedule Performance

- Budget Authority: \$47,608,410
- Variance Current Projection to Approved Budget:
17.26% or \$8,216,348 Under Budget
- Total Project Cost: \$39,392,062
- Construction Contract Value: \$26,187,000
- General Contractor: George Solitt/Oakley JV
- Construction Duration: 18 Months
- Opening Date: September 2012





James Shields Middle School

M/WBE Performance To Date

- MBE Paid to Date: \$5,772,928.50 or 25.00%
- WBE Paid to Date: \$1,021,853.99 or 4.43%
- **Total M/WBE Paid to Date: 29.43%**

Job Creation

- 122 Full Time Equivalent (FTE) Jobs Created : (94 FTE Construction, 28 FTE Professional Service Providers)
- **699 Individuals Employed: (Construction Only)**





Edgebrook Elementary School Addition

Existing Building Features

- 26,800 square feet
- Steel Frame and Masonry Construction
- 13 Classrooms
- Library
- Gymnasium
- Administrative Suite

New Addition Features

- 35,500 square feet
- 8 Classrooms
- 1 Science Lab
- 1 Computer Lab
- 1 Administrative Office
- Kitchen and Dining Facility

Exterior Amenities

- Playlot
- 4 Exterior Basketball Half Courts
- 44 New Parking Spaces
- Green Roof





Edgebrook Elementary School Addition

Cost and Schedule Performance

- Budget Authority: \$18,714,902
- Variance Current Projection to Approved Budget:
9.65% or \$1,805,370 Under Budget
- Total Project Cost: \$16,909,532
- Construction Contract Value: \$11,587,000
- General Contractor: Henry Bros. Company
- Construction Duration: 17 Months
- Opening Date: September 2012





Edgebrook Elementary School Addition

M/WBE Performance To Date

- MBE Paid to Date: \$3,248,402.34 or 33.99%
- WBE Paid to Date: \$1,579,060.44 or 16.52%
- **Total M/WBE Paid to Date: 50.51%**

Job Creation

- 57 Full Time Equivalent (FTE) Jobs Created : (43 FTE Construction, 14 FTE Professional Service Providers)
- **356 Individuals Employed: (Construction Only)**



Air Force Academy Renovation

New and Renovated Features

- Interior program renovations and upgrades:
 - 2 science labs
 - 1 computer lab
 - 7 classroom renovations
 - Warming kitchen renovation
 - Media center
 - Gymnasium
- Locker rooms
- Accessibility upgrades
- Lighting replacement and retrofit
- Roof and exterior window replacement
- Electrical, mechanical and plumbing upgrades
 - New boilers
 - New de-humidification systems



Air Force Academy Renovation

Cost and Schedule Performance

- Budget Authority: \$14,700,000
- Variance Current Projection to Approved Budget:
5.26% or \$773,099 Under Budget
- Total Project Cost: \$13,926,901
- General Contractor: F.H. Paschen,
S.N. Nielsen & Associates, LLC
 - Phase I Contract Value: \$3,305,375.55
 - Phase II Contract Value: \$1,542,000.00
- General Contractor: IHC Construction Company, LLC
 - Phase III Contract Value: \$5,984,135.00
- Construction Duration: Phase 1 & 2 – 5 mos.
- Phase 3 – 8 mos.
- Opening Date: September 2012





Air Force Academy Renovation

M/WBE Performance To Date

- MBE Paid to Date: \$1,621,909.44 or 31.71%
- WBE Paid to Date: \$287,851.05 or 5.63%
- **Total M/WBE Paid to Date: 37%**

Job Creation

- 47 Full Time Equivalent (FTE) Jobs Created : (35 FTE Construction, 12 FTE Professional Service Providers)
- **649 Individuals Employed: (Construction Only)**





Cost Performance

Summary Cost Performance on four schools opened in 2012

The PBC has been authorized to spend **\$190,482,546** on four school projects opened in 2012 to date. Due to exceptional cost performance, these projects are under budget by **\$38,974,208 or 20.46%**.

Summary Job Creation Statistics on four schools opened in 2012

Full Time Equivalency (FTE) : 505

- Equivalent Full Time: **400** Construction Jobs
- Equivalent Full Time: **105** Professional Service Provider Jobs

Individuals Employed: 2,967: (Construction Only)



Economic Sustainability Program

We promote excellence in cost and schedule performance and include contractual requirements that add value to the taxpayers in a way that only public development can offer. As such, contractors are required to comply with various contract provisions intended to promote economic sustainability. Those provisions are as follows:

- Contract provisions that require that at least **50% of the labor force be local residents;**
- Contract provisions that require **community hiring;** helping to employ those closest to the work at hand;
- **Local business** contract provisions that require Chicago General Contractors awarded PBC projects to subcontract at least 25% of the contract worth to Chicago subcontractors. General Contractors not located in Chicago must award at least 35% of the work to local subcontractors
- Contract provisions that require **minority-and women-owned (M/WBE) business participation.**
- Bid incentives for the **employment of apprentices;**
- Bid incentives for the **employment of minority and female workers;**



Economic Sustainability Summary to Date

Summary Local Business and Minority / Women Owned Business Statistics on four schools opened in 2012

Total Value of Construction Contracts (Demo, Site Prep + Vertical) Awarded:
\$118,741,619.46

Total Paid to Date Amount: **\$102,004,758.14**

- MBE Commitments: \$30,541,494.35 or 25.72%
- MBE Actual Paid to Date: \$32,703,630.26 or 32.06%

- WBE Commitments: \$6,038,352.69 or 5.09%
- WBE Actual Paid to Date: \$5,815,733.31 or 5.70%

- Total M/WBE Commitments: **\$36,579,847.04 or 31%**
- Total M/WBE Paid to Date: **\$38,519,363.57 or 38%**

Two hundred and ninety four (294) firms received contracts to provide services and/or supplies on the four aforementioned school construction projects.

- Fifty one (51) of the 294 firms were certified MBEs
- Twenty eight (28) of the 294 firms were certified WBEs
- Fifty four (54) of the 294 firms were local businesses



Economic Sustainability to Date

Summary Equal Employment Opportunity Statistics on four schools opened in 2012

Total Hours Worked: **521,976.22 as reported to date**

Minority Employment Compliance (Actuals Paid To Date)

•Journeyworker	176,734.20	Or	47.61%
•Apprentice	29,868.54	Or	71.63%
•Laborer	92,724.00	Or	94.20%

Female Employment Compliance (Actuals Paid To Date)

•Journeyworker	18,976.73	Or	5.11%
•Apprentice	6,389.50	Or	15.32%
•Labor	8,141.50	Or	8.27%

Summary Resident Workforce Statistics on four schools opened in 2012

Total Hours Required To Be Worked By Resident Workforce:

260,988.11 Or 50.00%

Total Hours Worked as reported to date By City Of Chicago Resident Workforce:

259,251.76 Or 49.67%



Economic Sustainability to Date

Summary Community Hiring Workforce Statistics on four schools opened in 2012

Community areas defined by individual projects. Community areas included in this summary are: Douglas, Armour Square, Fuller Park and Grand Boulevard; Ashburn; Forest Glen, North Park and Albany Park; Brighton Park, Gage Park and New City.

70 individuals who are residents of the community area were employed as a result of the aforementioned four school construction projects.

Total Aggregated Hours with Community Hiring Requirements (To Date):
36,399.58 or 7.5%

Total Hours Worked by Community Area Residents (To Date):
36,904.43 or 7.60%