Board Meeting

September 11, 2012

# 2012 Chicago Public School Openings

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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
- Gymnatorium: 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: $1,542,00.00
- 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%**