



## Fact Sheet

9/17/13



# Ernest S. McBride, Sr. High School

**Architect:**

LPA, Inc.

**Construction Contractor:**

Hensel Phelps

**Location:**

At the former Cecil B. DeMille Middle School  
7025 E. Parkcrest Street  
Long Beach, CA

**Construction Budget:**

\$75 Million

**Funding Sources:**

Measure A, Measure K  
State School Facility Program (Modernization  
& Career Technical Education Funds)

**Square Footage:**

150,000

**Opened:**

Fall 2013



**OVERVIEW:**

Ernest S. McBride, Sr. High School is the first of several small high schools listed as priorities in the Facility Master Plan, developed over a period of years by the Long Beach Unified School District with widespread community input.

When it opened in Fall 2013, McBride High began offering an innovative program of rigorous coursework focused on making graduates college and career-ready in their choice of three high-demand fields: Health/Medical, Law Enforcement/Public Service, and Engineering.

Designed to serve about 1,000 students, the school has 43 classrooms in seven buildings surrounding a campus promenade. The administration building/library, science

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building, two multi-story classroom buildings, gymnasium, lecture hall and food services facility all have high-tech, energy efficient and flexible features to support student learning and success.

### **Project Value:**

- Meets the school district's Academic and Career Success for all Students Initiative with the focus of the curriculum as career technical education in conjunction with college readiness.
- Is a smaller high school compared to 4,000-plus students at our existing high schools.
- Is designed to be ecologically-friendly, following guidelines for the national CHPS (Collaborative for High Performance Schools) program, increasing energy and resource efficiency and reducing peak electric loads.
- Incorporates specialized classroom labs and a new lecture hall into the new school design.
- Provides appropriate student and visitor parking spaces along with a student drop-off area. Has separate bus drop-off and faculty parking areas.
- Incorporates, through collaboration with the City of Long Beach, a signal modification at the intersection of Los Coyotes Diagonal and Parkcrest Street for improved traffic circulation, as well as public and student safety.
- Will prepare students for high-demand, high-paying careers and is likely to have a waiting list for enrollment.
- Modern attractive design and high-demand program will be a neighborhood asset.

### **Planning Processes**

To define the school's Career Technical Educational curriculum, the district partnered with local colleges, businesses, and agencies to determine Career Academies that will offer students a sequence of courses in order to promote specialized training in any one of three specific career pathways. Realizing that converting a five-decade old middle school in the heart of a vibrant neighborhood to a new high school would be no simple task, the Long Beach Unified School District reached out to neighborhood residents, teachers, school staff, and members of the local community to foster a collaborative approach to the new school's design and program.

### **Learning Environment**

The new high school's focus of Career Academies helps students adapt to the realities of a knowledge-based economy that requires complex critical thinking skills and applied learning. The three academies will offer CTE programs in the Engineering and Design, Health and Medical, and Public Services and Protective Services industries. The goal for each academy is to offer coursework centered on "Rigor, Relevance, and Relationships", integrating academic and technical skills that prepare students with the education and training necessary for productive entry into the workforce or continuing higher education.

### **Sustainability**

The new high school is designed to The Collaborative for High Performance Schools (CHPS) Verified guidelines. The mechanical backbone of the campus is a high-efficiency water-cooled central plant, coupled with a robust Energy Management System, which will allow the school to operate at 40% below California's Title 24 energy requirements. Other strategies include orienting buildings to take advantage of northern light, deep overhangs to protect windows with southern exposure, operable windows electronically connected to Heating, Ventilating and Air Conditioning systems in all classrooms, automatically dimming light fixtures, and the use of recycled and no-VOC (Volatile Organic Compound) materials. Storm water is not hard-piped to the public storm drain system, and is instead allowed to percolate into the playfields for groundwater regeneration and cleansing, in compliance with the state's Water Quality Management Plans. The school is also designed with rooftop-mounted Photovoltaic arrays that can generate up to half of the facility's electrical power output.

For further information please go to: <http://www.lbschools.net> and click on Measure K construction