



Knox Middle School

1098 S. 49th St.
San Diego, CA 92113



Sub-district: E
Cluster: Lincoln
Year School Opened: 1957
Grades: 6-8



- ① Two-story Classroom Building & Whole Site Modernization
- ② Solar Photovoltaic System

Knox Middle School opened in 1957 and is located in the southeastern section of the city of San Diego in the Lincoln Park neighborhood. Originally an elementary school, Knox added grade seven in 2007 and grade eight in 2008. With this addition, the school was officially designated Harley E. Knox K-8 Preparatory School. In September 2012, the school transitioned to a middle school and currently serves nearly 600 6-8 graders.

The 7.22-acre campus is situated among single-family houses and large apartment complexes. It is comprised of six permanent buildings totaling approximately 74,000 square feet of learning and administrative space. Four buildings were completed prior to the school's opening in 1958, a library was added in 2003 under Proposition MM, and a new two-story classroom building was completed during Knox's Whole Site Modernization in 2014. The campus includes a library, small field and asphalt running track, shaded lunch areas, and basketball courts.



Knox MS Two-story Classroom Building & Whole Site Modernization



Knox MS Two-story Classroom Building & Whole Site Modernization



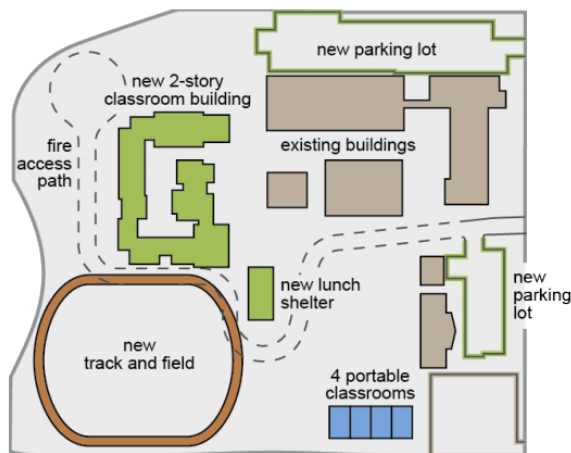
Completed: March 2014

Funding: Proposition S

The Whole Site Modernization and middle school conversion project revolved around the construction of the new 18,187-square-foot, two-story classroom building that replaced all existing portable classrooms, restrooms, and a trailer used as staff lounge. Additional work included campus wide American with Disabilities Act (ADA) upgrades, two new parking lots, new lunch shelter, four new modular classrooms, and an upgraded food services and kitchen area.

Two-story Building Features

- Central courtyard
- Locker rooms
- Staff lounge
- Science labs
- Music room
- i21 technology components
- Restrooms
- Bridge from main campus to second story
- High-efficiency heating, ventilation, and air conditioning systems
- Americans with Disabilities Act (ADA) upgrades including ramps and an elevator
- Food services area
- 200-meter asphalt running track
- Outdoor basketball courts



New site layout



Knox MS Two-story Classroom Building & Whole Site Modernization



Aerial



North elevation



North and west side corner



South elevation

Knox MS Two-story Classroom Building & Whole Site Modernization



Science classroom/lab



Classroom layout example



Music room



Classroom layout example



Food service area attached to new building



Administrative office

Knox MS Two-story Classroom Building & Whole Site Modernization



Second floor entrance



Example of ADA improvement



First floor



Open-air atrium space

Knox MS Two-story Classroom Building & Whole Site Modernization



Field-level view of 200 meter asphalt running track and grass field



Restroom facility near field and lunch area



Lunch area shade structure

Knox MS Two-story Classroom Building & Whole Site Modernization



Teacher's break room



Boys' locker room



Girls' locker room



Upgraded food services area



Knox MS Two-story Classroom Building & Whole Site Modernization



Upgraded kitchen area



New modular classrooms



New parking lot adjacent to modular classrooms



New parking with fire lane by administration office



Knox MS Solar Photovoltaic System



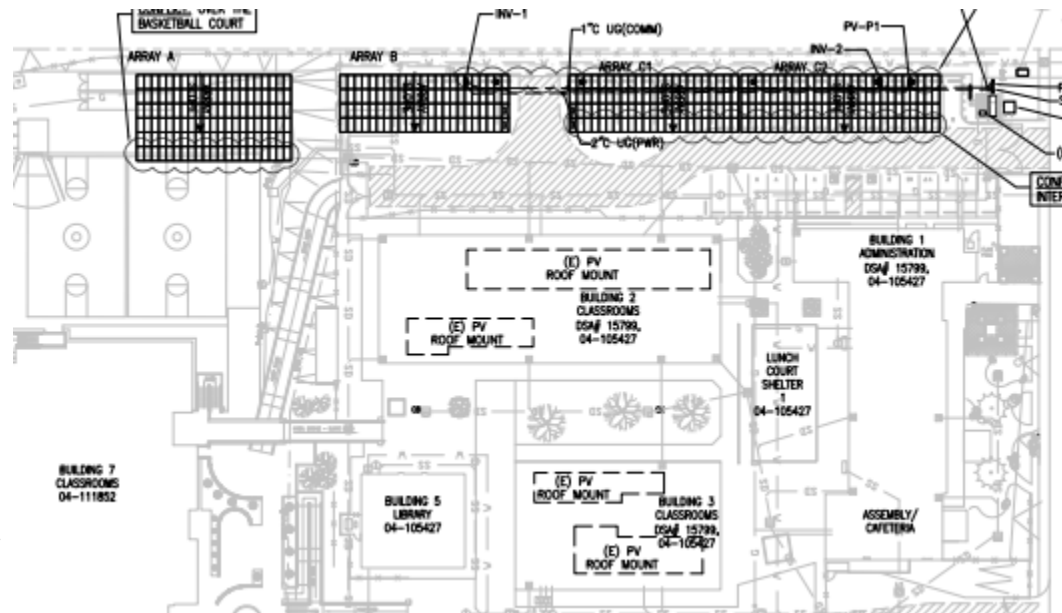
Completed: November 2021

Funding: Proposition Z

The Solar Photovoltaic System for this campus has solar panels that are mounted on tilt elevated canopies within the existing parking lot and basketball courts. These canopies provide shade structures and under-mount LED lighting for parking lots. This system creates an energy-efficient and renewable power source. It will deliver a clean energy supply during both the academic year and school vacations.

All elements of installation include, but not limited to:

- Solar PV modules
- Inverters
- All electrical connectors, cabling and components necessary for a complete solar system
- All mounting systems



Site Plan with proposed solar array placement



Knox MS Solar Photovoltaic System

