

Review of the First Measure J Projects:
California Solar Initiative (CSI) 17 sites
GreenLeaf K-8
High School Field and Track Replacements
Middle School Field Projects

CSI Site Sampler



Clockwise from top right:
Westlake, King Estates, Madison Park

 IamOUSD@ou

CSI SOLAR PROJECT

Budget \$35 M

The California Solar Initiative Project came out of a Solar Master Plan developed with the assistance of KyotoUSA through a Solar America Showcase grant from U.S. Department of Energy

The project included the installation of solar panels on roofs and carports at 17 school sites, targeted to save the District the most money on its utility bill.

The project included curriculum enrichment with teacher resources and opportunities for student participation in the SunPower Solar Science Academy summer internship program.

Architect:

Byrens Kim
Kenya Chatman

Design-Build Contractor:

Project Manager:

Sunpower Corporation

Design

Works

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CSI SOLAR PROJECT SITES

Bret Harte MS
Castlemont HS
Edna Brewer MS
Havenscourt MS
Joaquin Miller ES
King Estates MS
Lowell MS
Madison MS
McClymonds HS

Montera MS
Oakland HS
Oakland International HS
Oakland Technical HS
Roosevelt MS
Sankofa ES (Washington)
Skyline HS
Westlake MS

- TOTAL SYSTEM SIZE AT ALL SCHOOL SITES
- 3,533 kilowatt peak (kwp)

Greenleaf K-8

Budget: \$40 M

New construction and upgrades were completed to support the expansion from K-5 to K-8:



- New two story building for classrooms, offices and library
- New multipurpose and flex classroom building to replace the existing basement cafeteria and auditorium
- New kinder campus consisting of two prefabricated modular buildings, featuring two spacious classrooms, plus a bathroom pod to service outdoor play program
- Renovation of existing 3 story classroom building to improve seismic safety, provide additional program support spaces and improve comfort.

Greenleaf K-8 is a Collaborative for High Performance Schools (CHPS) verified project promoting energy efficiency, increased comfort and green building materials



Architect: Gelfand Partners

Contractor: Cahill/Focon,
Joint-Venture

Project Manager: Kenya
Chatman

**Local business participation
was 61%**

Oakland Tech High School Field

Project Budget:1.85M



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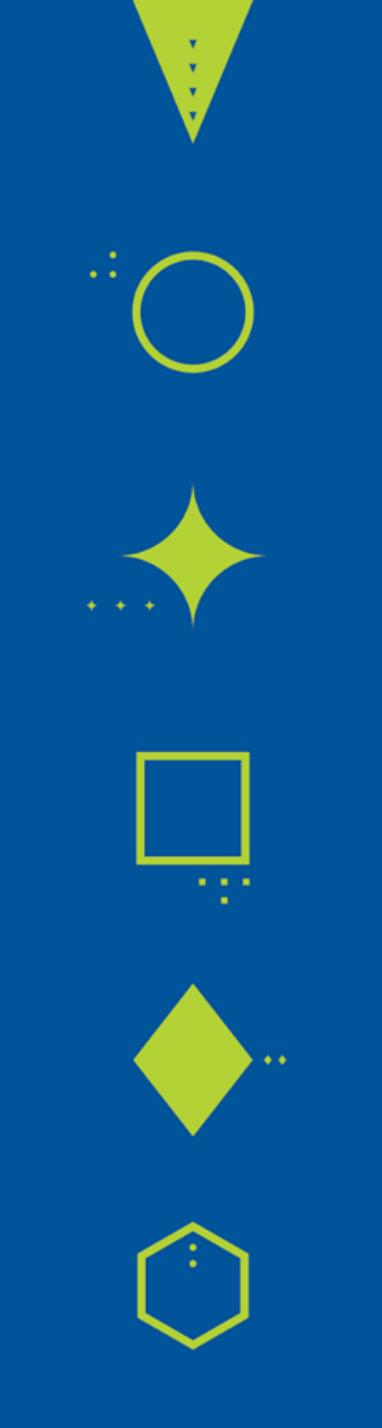
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Skyline High School Turf Field Replacement Budget:\$2.5 M



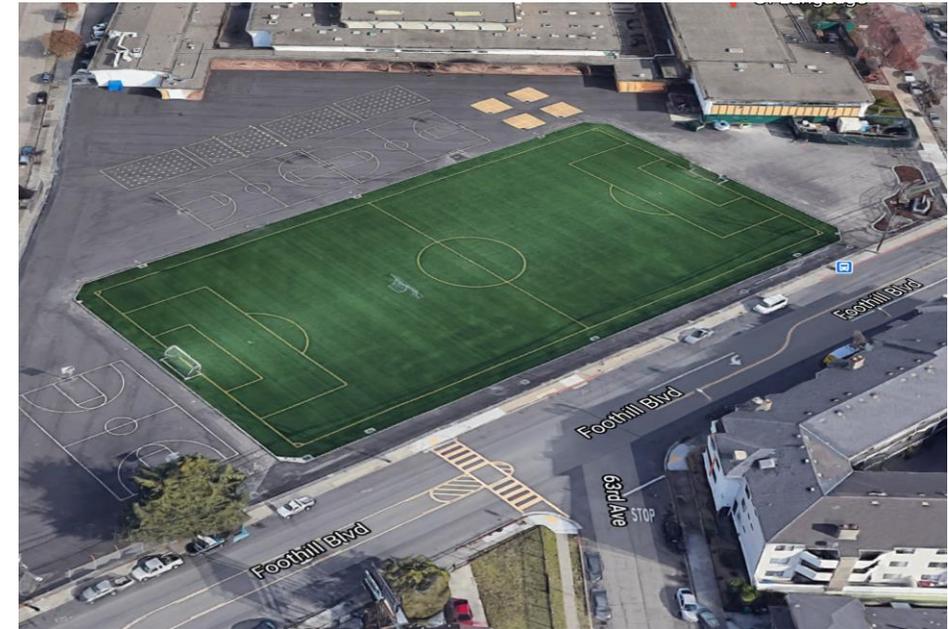
Oakland International Field Project Budget:\$1.9M



Bret Harte MS Field
Project Budget: \$1.5



Frick MS Field
Project Budget: \$1.5



Claremont MS
Project Budget 1.3M

Westlake
Project Budget: \$1.3M



Thank you



Appendix

Quick Facts

\$35M Measure J Funding

Systems are independently owned and operated by OUSD so any energy produced by the solar panels is energy that the District will not have to purchase from PG&E; the solar program is expected to significantly reduce annual electricity costs over the next 25 years or more

According to estimates provided by the U.S. Environmental Protection Agency, the OUSD solar power systems will avoid production of almost 2,500 tons of carbon dioxide emissions per year, which is the equivalent of removing close to 12,000 cars from California's roads over the next 25 years

Scope covered installation of 3.6 megawatts of solar power across 17 campuses in the District

Each panel generates about 327 watts of power which is enough watts to power a vacuum cleaner or a blender – for example, at Oakland Tech, the photovoltaic system size is 470.55 kWp total, translating to a significant amount of energy production for the school