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Facilities Update

Schoolyard Shade
Structure Projects



Facilities and Procurement
Committee Meeting
December 02, 2025

Executive Summary

- The District is adding trees and shade shelters across schoolyards to reduce heat exposure and support student well-being.
- Multiple programs now include shading, including a new program to add shade structures over existing play structures
- Shade structures are engineered, code-compliant construction projects with structural, accessibility, and regulatory requirements; SB 515 limits the scope of accessibility upgrades.
- Key cost drivers include structural engineering, foundations, DSA review, accessibility upgrades, utility coordination, long-lead materials, and required inspections.

Schoolyard Shade Structures

- Schoolyard shading helps reduce the urban heat island effect, reducing ambient temperatures by 15°F or more and supporting students' physical, mental, and academic well-being.
- LAUSD sponsored SB 515 (Stern), which took effect in January 2024, to accelerate the delivery of shade structures.
- SB 515 creates a narrow exemption from certain accessible-route and path-of-travel requirements in the California Building Code.
 - Shade structures will continue to meet all Federal and State ADA accessibility requirements.
 - Exemption helps prevent costly secondary improvements that often make small shading projects difficult to deliver.
 - SB 515 caps required ADA path-of-travel upgrades at 20% of the construction cost of the shade structure.

Schoolyard Shade Structures

Types of projects that can include shade structures

- Outdoor Learning Environment projects
- Playground and Campus Exterior Upgrade projects
- Early Education Outdoor Classroom projects
- Classroom Replacement and Modernization projects at elementary schools that include schoolyard upgrades
- Campus Upgrades and Alterations (Board Member/Region Priority)
- Shade Shelters Over Play Structures, a new program

Design and Cost Considerations

Site Selection & Planning Factors

- Location relative to play areas, supervision needs, and campus circulation
- Existing conditions: utilities, soil quality, drainage, irrigation
- Potential constraints: underground utility lines, easements, fire lanes, required clearances

DSA Regulatory Requirements

- All shade structures are DSA-regulated projects, triggering structural, access, and safety compliance
- Structural design must meet seismic, wind-load, and site-specific conditions
- ADA compliance: may include accessible path of travel, restroom upgrades, drinking fountains, slope adjustments, and necessary replacement of surface materials

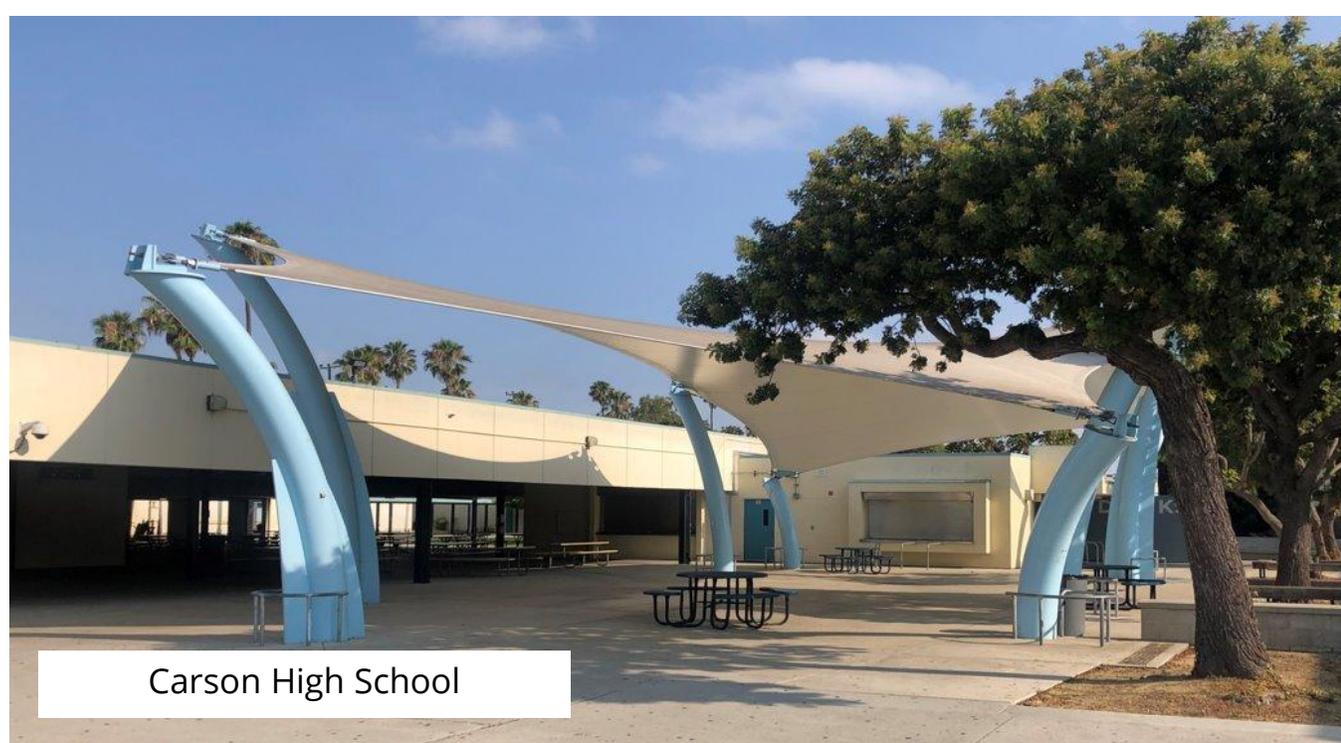


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Shade Shelter Project Examples



Evergreen EEC



Carson High School



Northridge EEC



Sylvan Park ES

Hazeltine ES

Project Scope: Install a 40' x 56' shade structure over the existing play structure.

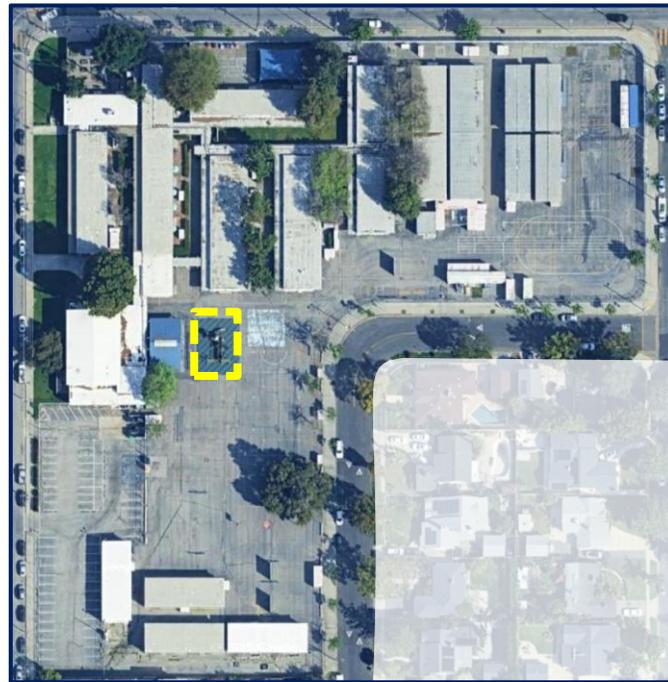
Status: Proposed for 12/16/25 Board action

Construction Schedule: Q4 2026 – Q2 2027

Project Budget: \$443,657

Project Budget Breakdown:

Site & Environmental	9.4%
Plans	9.7%
Construction	68.0%
Management	7.2%
Reserve	5.7%



Romer MS

Project Scope: Install two shade structures to cover a 30' x 80' area in the courtyard north of the Multipurpose Building.

Status: Proposed for 12/16/25 Board action

Construction Schedule: Q4 2026 – Q1 2027

Site & Environmental	6.9%
Plans	11.5%
Construction	69.6%
Management	6.1%
Reserve	5.9%



Shade Shelters Over Play Structures

Install Shade Shelters Over Play Structures

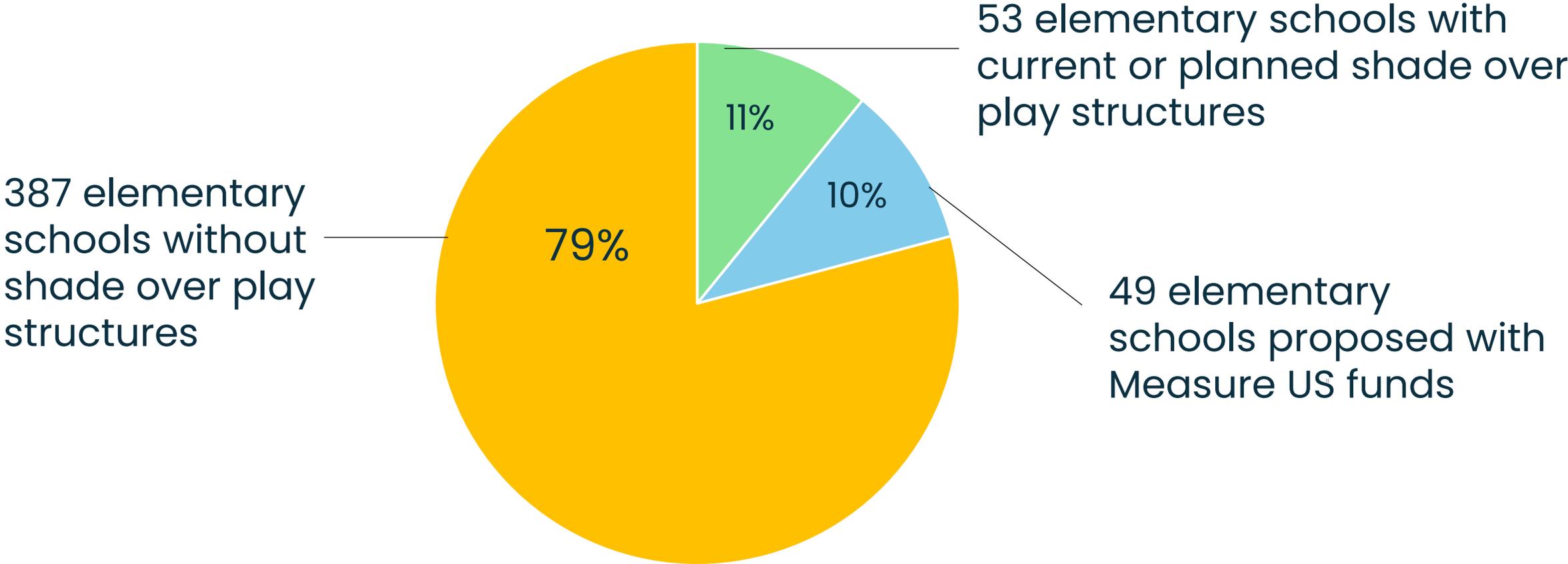
~ \$40M* for Approx. 49 projects

- Construction of new shade shelter over existing play structure
- Other upgrades as needed based on site conditions

Additional Projects will be identified if funds remain



Shade Shelters Over Play Structures





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Questions