Theodore Judah is a historical structure built in 1937, and is the oldest continuously used elementary school in the district. The original building has been renovated to improve HVAC, technology capability, and classroom casework/sink accessibility, but a considerable amount of site and building accessibility non-compliance issues remain. Outdated and unused heating radiators in classrooms could be removed to gain additional casework and storage. The buildings, including the portable classrooms, are in need of renovation and repair. The cafeteria, kitchen, staff lounge, auditorium, and administration area all require refurbishing and modernization for code compliance.

The core of the campus has many instructional gardens and potential outdoor learning areas. Efforts are in progress to improve landscaping, but irrigation and drainage is in poor condition at the entry turf areas and playing field. The current orientation of the portable classroom building makes site supervision difficult. Bus and parent drop-off is provided curb-side only. The absence of accessible paths of travel should be resolved.

Improvements identified in the 2006 Master Plan Capital Improvements Summary have not been fully implemented, and those needs still exist along with the items listed in this report.

School Mission Statement
Theodore Judah Elementary has been a neighborhood tradition since 1937. On the registry of historic places, this small community school values each student as an individual and welcomes parent involvement.
Sustainable Sites

Outdoor Activity
Sports field is inadequate size. Turf area is uneven from use. Renovate areas of heavy use.

Campus Core
Trees are surrounded by asphalt to the trunk. Roots are buckling pavement causing a tripping hazard.

School Entry/Drop Off
Groundcover planting could enhance entry. The parent drop-off should be reworked.

Utility (Gas) Efficiency
Rusting pipes not anchored to roof and no seismic loops.

Water Efficiency
Soap system should not be connected to fixture without backflow prevented.

Energy & Atmosphere
The kitchen exhaust hood above the gas fired cooking equipment not sized to capture the cooking fumes and requires a hood fire protection system.

Materials & Resources
Existing metal single-pane window systems, replace with high-performance window systems.

Modernize staff lounge casework and sink area.

Indoor Environmental Quality
Equipment under kitchen hood is not on a shunt trip breaker or connected to fire alarm system.

High Performance Transformation

Encourage innovation in high performance school design creating safe, motivating and sustainable learning environments that reduce dependence on non-sustainable resources.

Create safe, barrier free outdoor learning environments incorporating efficient and effective storm water management, landscaping, lighting and surfaces.

Improve the efficiency of return irrigation systems to reduce domestic water usage.

Optimize energy efficiency and performance to minimize environmental impacts and reduce operating costs associated with fossil fuels.

Improve the learning environment by expanding the life cycle of facilities while encouraging the use of efficient sustainable materials and reducing waste.

Enhance air quality, thermal comfort, noise control, acoustic performance and physical performance while reducing pollutants. Provide a safe, healthy, functional environment to help motivate students and encourage attendance.
‘Student Centered Education’

The following is a site organizational concept of Theodore Judah Elementary School to implement the Strategic Plan 2010-2014: Putting Children First and the Common Core Standards.

SAFE & WELCOMING SCHOOL
- Dedicated Drop-Off
- Visitor/Staff Parking
- Garden/Quad/Outdoor Learning

CAREER & COLLEGE READY
- Core Academic
  - Kindergarten (K) Elementary; Lower 1-3, Upper 4-6
  - Project Labs Expansion (3,600sf)
  - Project Labs (PL) Art/Science

SUPPORT
- Support Spaces – distributed

FAMILY & COMMUNITY ENGAGEMENT
- Technology Center (TC) Transformation (3,800sf)
  - Media Center & Computer Lab
  - Parent Center & Conference Room
  - Teacher Planning Center
  - Note: Transformation of (E) Classrooms

ORGANIZATIONAL TRANSFORMATION
- Multi-Purpose (MP) Expansion (2,500sf)
  - Outdoor Dining

PORTABLE TO PERMANENT AND CR EXPANSION
- Classroom Conversion / Expansion (16,128sf)
  - Expansion to meet optimized Campus Capacity Goals of 522-672 students. 14 Classrooms & Support Space

‘Student Centered Education’
The following list was provided by the school’s principal which was generated from school site council and community meetings:

- Replace lighting in classrooms
- Replace flooring, curtains and windows in historic buildings
- Maintain campus trees
- Upgrade Kindergarten play yard
- Fix site drainage
- Increase parking stalls for the staff
- Make campus ADA compliant
- Repaint buildings
- Upgrade the Auditorium
- Install campus security cameras
- Provide environmental testing for classrooms
- Upgrade the landscaping
- Modernize classrooms with technology
- Remodel the Administration Office
- Fix or replace portable buildings

## CHPS Summary

Collaborative for High Performance Schools supports the idea that “a well-designed facility can truly enhance performance and make education more enjoyable and rewarding…and a productive learning experience.”

In accordance with the Green and Grid Neutral Model Schools Policy Initiative-BP 3511 and Resolution No. 2583; Adopting the Collaborative for High Performing Schools (CHPS) Criteria, the following summary characterizes how the Schools align with the Best Practices Criteria.

<table>
<thead>
<tr>
<th>CHPS Categories</th>
<th>Eligible Points</th>
<th>Actual Points</th>
<th>Sustainable Category</th>
<th>Points</th>
<th>Total Points</th>
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<tbody>
<tr>
<td>Leadership, Education &amp; Innovation</td>
<td>13</td>
<td>1</td>
<td>CHPS High Performing</td>
<td>116</td>
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<td>Sustainable Sites</td>
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<td>CHPS Minimum</td>
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<tr>
<td>Leadership, Education &amp; Innovation</td>
<td>23/25</td>
<td>8</td>
<td>CHPS High Performing</td>
<td>116</td>
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</table>

## Cost Summary

Cost Summary reflects Total Project Cost Estimate, inclusive of Construction Cost and Soft Cost.

| Sustainable Sites | $429,780 | $388,180 | $767,130 | $1,585,090 |
| Water Efficiency  | $70,590  | $49,530  | $105,820 | $225,940   |
| Energy & Atmosphere| $260,910 | $173,030 | $0       | $433,940   |
| Materials & Resources | $326,430 | $263,120 | $1,272,830 | $1,862,380 |
| Indoor Environmental Quality | $260,780 | $2,730  | $485,290 | $748,800   |
| Leadership, Education & Innovation | $0 | $0 | $10,214,620 | $10,070,770 |

Assessment Total: $1,348,490

Sustainable Category Total: $1,585,090

Schools as Teaching Tools

<table>
<thead>
<tr>
<th>Sustainable Sites</th>
<th>Water Efficiency</th>
<th>Energy &amp; Atmosphere</th>
<th>Materials &amp; Resources</th>
<th>Indoor Environmental Quality</th>
<th>Leadership, Education &amp; Innovation</th>
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<td>- School Entry &amp; Drop-off</td>
<td>- Site Utilities &amp; Infrastructure</td>
<td>- Central Plant</td>
<td>- Signage</td>
<td>- Electrical Systems</td>
<td>- Career &amp; College Ready</td>
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<td>- Parking &amp; Drives</td>
<td>- Plumbing Systems</td>
<td>- HVAC Systems</td>
<td>- Door Hardware</td>
<td>- Lighting Systems</td>
<td>- Family &amp; Community Engagement</td>
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<td>- Service Access</td>
<td>- Specialty Systems</td>
<td>- Specialty Systems</td>
<td>- Interior Space</td>
<td>- Technology Systems</td>
<td>- Organizational Transformation</td>
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<td>- Campus Core</td>
<td>- Utilities &amp; Infrastructure</td>
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SUMMARY by CHPS Categories

- Leadership, Education & Innovation: 13 points
- Sustainable Sites: 14 points
- Water Efficiency: 9 points
- Energy & Atmosphere: 29 points
- Materials & Resources: 10 points
- Indoor Environmental Quality: 23/25 points
- Leadership, Education & Innovation: 23/25 points