Narrative Summary

John Bidwell Elementary was originally constructed in 1957 and received a modernization in 2000-2001. However, there are still a number of areas that require improvement.

Primary safety issues occur at the front of the campus. Since there is no dedicated drop-off lane for either buses or parents, both drop students off within the parking lot or at the street. The parking lot is already inadequate in size so the drop-off within its confines further deteriorates the situation. Reconfiguration of the parking area and a drop-off lane addition would greatly resolve this matter.

Elsewhere on site, the hard-surface playground needs a new overlay with striping. There exists a significant drainage issue between classroom wings and sod needs to be replaced. Furthermore, the campus core has no shrubs or ground cover for a variety of landscape features. At the interior part of campus, concrete walks are heaving which create a tripping hazard.

Specific to the building interiors, door signage and door hardware are no longer ADA accessible, the fire smoke hatch above the stage leaks, the multi-purpose room needs to be painted, more security cameras are needed to prevent vandalism, the kitchen should be refurbished, the HVAC system causes temperature issues throughout the campus, and light fixtures need to be relamped.

School Mission Statement

John Bidwell students learn valuable skills to live and work in a technological society by concentrating on problem-solving, critical thinking and strong math and literacy skills. Our school also benefits from LAM (Look at Me*), a unique character development program, a school-wide social skills program, math/science all-stars, sustained silent reading in all classrooms and computer literacy for all students.
Sustainable Sites School Entry/Drop Off
Safety concerns with student drop off, suggest providing a dedicated drop-off lane.

Sustainable Sites Outdoor Activity
Sport fields in poor condition. Soil is compacted which prohibits proper infiltration.

Sustainable Sites Campus Core
Very few trees were found on campus for solar protection.

Utility Efficiency Exterior
Repair needed at plumbing vent that has been broken off the supports on the roof. The vent does not have the slope required.

Water Efficiency Interior
Direct connection to sewer is not allowed for food rinsing and preparation.

Energy & Atmosphere
Air curtain at back door is not controlled by opening the door.

Materials & Resources Exterior
Siding has dry rot at base of walls, repair and replacement of siding and trim recommended.

Materials & Resources Interior
Replace damaged VCT tiles at classroom.

Indoor Environmental Quality
IDF cabinet is sufficient, with room to grow, but the area needs cooling.

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

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

Water Efficiency
Improve the efficiency of fixtures, appliances and irrigation systems to reduce domestic water usage.

Energy & Atmosphere
Optimize energy efficiency and performance to minimize environmental impacts and reduce operational costs associated with fossil fuels.

Materials & Resources
Improve the learning environment and extend the life cycle of facilities while encouraging the use of efficient sustainable materials and reducing waste.

Indoor Environmental Quality
Enhance air quality, thermal comfort, light, acoustic performance and physical environments by reducing pollutants. Provide a safe, healthy, functional environment to help motivate students and encourage attendance.
The following is a site organizational concept of John Bidwell 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 Pathway Transformation
  - Kindergarten (K)
  - Elementary: Lower 1-3, Upper 4-6
- Project Lab Transformation (3,900 sf)
  - Project Labs (PL)
  - Art/Science
- Support Spaces - distributed

FAMILY & COMMUNITY ENGAGEMENT
- Technology Center (TC) Transformation (5,023 sf)
  - Media Center & Computer Lab
  - Parent Center & Conference Room
  - Teacher Planning Center
  - Note: Transformation of TC MP
- Multi-Purpose (MP) Expansion (7,536 sf)
  - Dining / Gym / Assembly / Stage
  - Restrooms / Kitchen / Storage

ORGANIZATIONAL TRANSFORMATION
- Classroom Conversion / Expansion (14,976 sf)
  - Portable to Permanent and CR Expansion to meet optimized Campus Capacity Goals of 552 - 672 students
  - 13 Classrooms and Support Spaces

SACRAMENTO CITY
UNIFIED SCHOOL DISTRICT
Sustainable Facilities Master Plan
June 2012
School Site Facility(s) Needs
The following list was provided by the school’s principal which was generated from school site council and community meetings:
- Technology upgrades, wireless capability, computers, “ipads”
- School safety upgrades, fencing
- Structural modifications, covered walkways, drainage and gutter repair
- Stage renovation and sound system
- Painting interior and exterior
- Furniture replacement

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>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership, Education &amp; Innovation</td>
<td>13</td>
<td>0</td>
</tr>
<tr>
<td>Sustainable Sites</td>
<td>14</td>
<td>2</td>
</tr>
<tr>
<td>Water Efficiency</td>
<td>9</td>
<td>0</td>
</tr>
<tr>
<td>Energy &amp; Atmosphere</td>
<td>29</td>
<td>1</td>
</tr>
<tr>
<td>Climate</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Materials &amp; Resources</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td>Indoor Environmental Quality</td>
<td>23/25</td>
<td>6</td>
</tr>
<tr>
<td>TOTAL</td>
<td>116</td>
<td>11</td>
</tr>
</tbody>
</table>

Under CHPS CHPS High Performing Minimum Points
0 11 25 116

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

Project Cost Summary Matrix

<table>
<thead>
<tr>
<th>Category</th>
<th>Code, Life Safety, &amp; Access</th>
<th>Maintenance &amp; Operations</th>
<th>High Performance Transformation</th>
<th>Sustainable Category Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>S. Bidwell Elementary</td>
<td>$590,330</td>
<td>$1,243,060</td>
<td>$1,746,810</td>
<td>$3,580,200</td>
</tr>
<tr>
<td>Sustainable Sites</td>
<td>$44,200</td>
<td>$95,030</td>
<td>$14,950</td>
<td>$154,180</td>
</tr>
<tr>
<td>Water Efficiency</td>
<td>$5,200</td>
<td>$347,360</td>
<td>$120,120</td>
<td>$472,680</td>
</tr>
<tr>
<td>Energy &amp; Atmosphere</td>
<td>$92,690</td>
<td>$1,203,670</td>
<td>$700,700</td>
<td>$1,997,060</td>
</tr>
<tr>
<td>Materials &amp; Resources</td>
<td>$136,630</td>
<td>$34,320</td>
<td>$470,730</td>
<td>$641,680</td>
</tr>
<tr>
<td>Indoor Environmental Quality</td>
<td>$0</td>
<td>$0</td>
<td>$12,032,670</td>
<td>$12,032,670</td>
</tr>
<tr>
<td>Leadership, Education &amp; Innovation</td>
<td>$0</td>
<td>$0</td>
<td>$12,032,670</td>
<td>$12,032,670</td>
</tr>
</tbody>
</table>

Assessment Total: $869,050

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

CHPS Summary

SUMMARY by CHPS Categories

- Leadership, Education & Innovation
- Sustainable Sites
- Water Efficiency
- Energy & Atmosphere
- Climate
- Materials & Resources
- Indoor Environmental Quality

TOTAL: 116 points