Of major concern is the configuration of the parent and bus drop-off areas. Service delivery and drop-off traffic is routed behind visitor parking stalls and the staff parking lot exits at the same point as one of the drop-offs. Street drop-off further restricts traffic circulation and leads to congestion out and onto Fruitridge Boulevard. The parking lot paving is in disrepair and requires new pavement markings. The trash enclosure is remotely located. The front of the school has adequate landscaping, but the turf is in disrepair. There does not appear to be an accessible path of travel to the main portion of the campus. Playfield irrigation and drainage improvements are required.

Providing a shade structure and outdoor seating would encourage additional opportunities for outdoor learning, dining, and assembly.

The addition of instructional gardens would benefit an agriculture program.

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.
**Sustainable Sites**

- **School Entry/Drop Off**: Staff parking, visitor parking, bus and parent drop off needs a complete reconfiguration.

- **Outdoor Activity**: Grading is uneven and ponding occurs under soccer goal. Turf is patchy and bare in some areas of field.

- **Campus Core**: Consider opportunities to develop rain gardens to treat roof runoff.

**Water Efficiency**

- **Interior**: Standpipe vented to inside of building and should be relocated.

- **Exterior**: Water heater is due for replacement.

**Materials & Resources**

- **Exterior**: Remove old damaged wood louvers and provide a new sunshade system.

- **Interior**: Modernize all old non-compliant sink and casework in classrooms.

**Energy & Atmosphere**

- **Campus Core**: Damaged ductwork allows water to saturate the duct lining and leak into the Multipurpose Room.

**Indoor Environmental Quality**

- **Campus Core**: Electrical Panels should have proper clearance. Books/supplies are blocking clearance and should be removed.

**High Performance Transformation**

- **Leadership, Education & Innovation**: 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 facilities, appliances and irrigation systems to reduce demand and costs.

- **Energy & Atmosphere**: Optimize energy efficiency and performance to minimize environmental impacts and reduce operating costs associated with fossil fuels.

- **Materials & Resources**: Improve the learning environment and extend the lifecycle of facilities while encouraging the use of efficient, sustainable materials and reducing waste.

- **Indoor Environmental Quality**: Enhance air quality, thermal comfort, natural light, acoustic performance and physical environments while reducing pollutants. Provide a safe, healthy, functional environment to help motivate students and encourage attendance.
The following is a site organizational concept of Earl Warren 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 Transformation** (3,694 sf)
- Project Labs (PL)
- Art/Science

**FAMILY & COMMUNITY ENGAGEMENT**
**Technology Center (TC) Transformation** (4,861 sf)
- Media Center & Computer Lab
- Parent Center & Conference Room
- Teacher Planning Center

**Support Spaces – distributed**

**ORGANIZATIONAL TRANSFORMATION**
**Classroom Conversion / Expansion** (10,368 sf)
- Portable to Permanent and CR Expansion to meet optimized Campus Capacity Goals of 522-672 students
- 9 Classrooms & Support Space

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'Student Centered Education'

Site Plan - Concept Study

Site Plan - Concept Study
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:

- Expand and reconfigure parking lot
- Reconfigure parent and bus drop off
- Replace security gates and fences
- Increase security lighting at the front of the school
- New shade structures at the black top play ground
- Outdoor hand wash stations
- Exterior Information bulletin board

School Site Facility(s) Needs

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.

SUMMARY by CHPS Categories

<table>
<thead>
<tr>
<th>CHPS Categories</th>
<th>Eligible Points</th>
<th>Actual Points</th>
<th>CHPS High Performing Minimum</th>
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<tbody>
<tr>
<td>Leadership, Education &amp; Innovation</td>
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<tr>
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<td>TOTAL</td>
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</table>

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

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<tr>
<th>CHPS Categories</th>
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<th>CHPS High Performing</th>
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<td>Sustainable Sites</td>
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</table>

Assessment Total
$553,910 + $3,813,420 + $13,638,950 + $17,986,280

Campus Assessment Summary

- Sustainable Sites
  - School Entry & Drop-off
  - Parking & Drives
  - Service Access
  - Outdoor Activity
  - Campus Core
  - Utilities & Infrastructure

- Water Efficiency
  - Site Utilities & Infrastructure
  - Plumbing Systems
  - Specialty Systems
  - Fire Protection Systems

- Energy & Atmosphere
  - Central Plant
  - HVAC Systems
  - Specialty Systems
  - Alternative Energy Systems

- Materials & Resources
  - Signage
  - Door Hardware
  - Interior Space
  - Exterior Finish

- Indoor Environmental Quality
  - Electrical Systems
  - Lighting Systems
  - Technology Systems
  - Low Voltage Systems

- Leadership, Education & Innovation
  - Career & College Ready
  - Family & Community Engagement
  - Organizational Transformation