



# Pasadena High School

2925 E. Sierra Madre Blvd. Pasadena, CA 91107



## Campus Overview

Year Built: 1960  
Site Size: 36.59 Acres

Pasadena High School (PHS) is accredited by the Western Association of Schools and Colleges and is one of four comprehensive high schools in the Pasadena Unified School District. The student body is culturally diverse and with a little over 1800 students, PHS is the most populated high school in the District.

PHS offers a variety of extra-curricular programs, including California State Scholarship Federations, National Honor Society, Academic Decathlon Team, Law and Public Service (LPS), Creative Arts Media and Design (CAMAD), Graphic Communications Academy (GCA), Visual Arts and Design Academy (VADA), and many more. It also participates in interscholastic sports as part of the Pacific League.

## Recent Modernizations

Modernization Bond (1998-2008)	Technology Infrastructure Upgrades
Measure TT (2008-2021)	Modernization of Gym Complex Modernization of Central Plant New Synthetic Field and Track Auditorium Stage Upgrades
Energy-Efficient Projects (2020)	Solar Shade Structure



Principal, Robert Hernandez

“PHS is a learning community dedicated to instilling in students a rigorous academic foundation, quality citizenship in a changing society, and a productive work life now and in the future.”

## Programs and Awards







Learner-centered environments engage students.

- Instructional spaces in a variety of sizes and shapes support engaging, participatory learning and instruction for individuals and small or large groups.
- Indoor and outdoor spaces stimulate learning and the imagination.
- Areas to display, perform, and celebrate student work support skill development in a variety of modalities.



Community and schools connects as partners.

- Spaces are adaptable and aligned to the needs of students, teachers, and families.
- School and community resources align to promote school safety for all students and families.
- Campuses foster a wide array of programs and partnerships that optimize community resources.



Accountability promotes continuous improvement.

- School facilities and interior layouts can accommodate change over time, to meet evolving educational needs and requirements.



Creativity and collaboration foster learning.

- School spaces facilitate collaboration between, among, and within groups.
- Students have easy access to tools and resources for learning in any space.
- Spaces can adapt to the scale and context of any learning endeavor.



Flexibility and adaptability are key to our success.

- Spaces are constructed to serve current and future demands.
- Learning environments support multiple learning styles, programs, student populations, and pedagogical approaches.
- Whenever possible, classroom design supports general rather than "specified" uses, so as to adapt easily if the need arises.



Sustainability is vital.

- Shared ownership is visible via spaces that are connected and transparent.
- Students, teachers, parents, and community help define and contribute to their school's visual, spatial, and architectural identity.

1. Technology Infrastructure

Upgrades to network infrastructure and added technology resources for student access.



2. State Mandated

Upgrades to code items including Accessible, AB 300, Net-Zero Performance and Fire Life & Safety requirements. Upgrades to pending heating, ventilation and air conditioning, plumbing, electrical, roofing, painting, and fencing items.



3. Safety & Security

Removal of hazardous materials. Improvements to student drop-off, parking, exterior lighting, fencing, fire alarms, emergency lighting, intrusion alarms, and controlled school entry security cameras.



4. Path to Zero Net Energy & Water Conservation

Incorporation of high performing Energy Efficient systems to the site, existing structures and new construction. Use of recycled water for irrigation.



5. Program Improvements

New construction for specific signature program for each campus. Upgrades to equipment to existing signature program spaces.



6. 21st Century Learning & Flexible Classrooms

Addition of flexible furniture, storage systems, and Audio Visual equipment to accommodate diverse learning methods.



7. Modernization & Reconfiguration

Upgrades to finishes, casework, doors, and windows. This includes auditorium and specialty classrooms equipment upgrades. Reconfiguration of interior layout to support new programming.



8. Physical Education & Play Area Improvements

Modernization, reconfiguration and/or addition of athletic facility programs to support the needs of the Physical Education & Athletic Programs.



9. Multi-Purpose Spaces & Food Service Improvements

Modernization, reconfiguration, and/or addition of multi-purpose spaces. This includes modernization of cafeterias, serveries, and multi-purpose spaces.



10. Site Improvements

Improvements to site utilities and service lines. Upgrades to paving, landscaping, curb appeal, turf fields, and exterior play areas.



11. Outdoor Learning Classrooms & Gardens

Addition or improvement of outdoor student learning programs, gardens, and gathering areas.



12. Intelligent New Construction

Addition of new facilities to support school needs.







## Assessment Summary

- Lack of projection equipment in classrooms.
- Existing Network and Technology needs replacement.

- Inadequate accessibility elements at parking, campus, and buildings.
- Outdated fire alarm system.
- Seismic evaluation as required.

- Older perimeter campus fencing, gates, and hardware.
- Lack of security system at entryways and throughout campus.

- Non-functioning and inefficient existing lighting fixtures.
- Old and inefficient existing HVAC system.
- Inefficient landscape and irrigation system.

- Athletic facilities improvements.
- Auditorium improvements.

- Outdated classroom furniture layout and storage systems.
- Outdated lab equipment.

- Classrooms modernization.
- Old and tired kitchen and cafeteria equipment.
- Auditorium modernization.

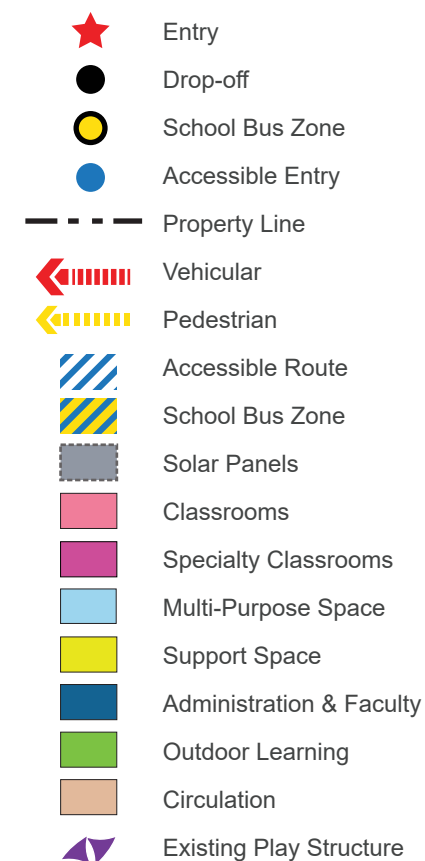
- Artificial turf play field replacement.
- Pool renovation.

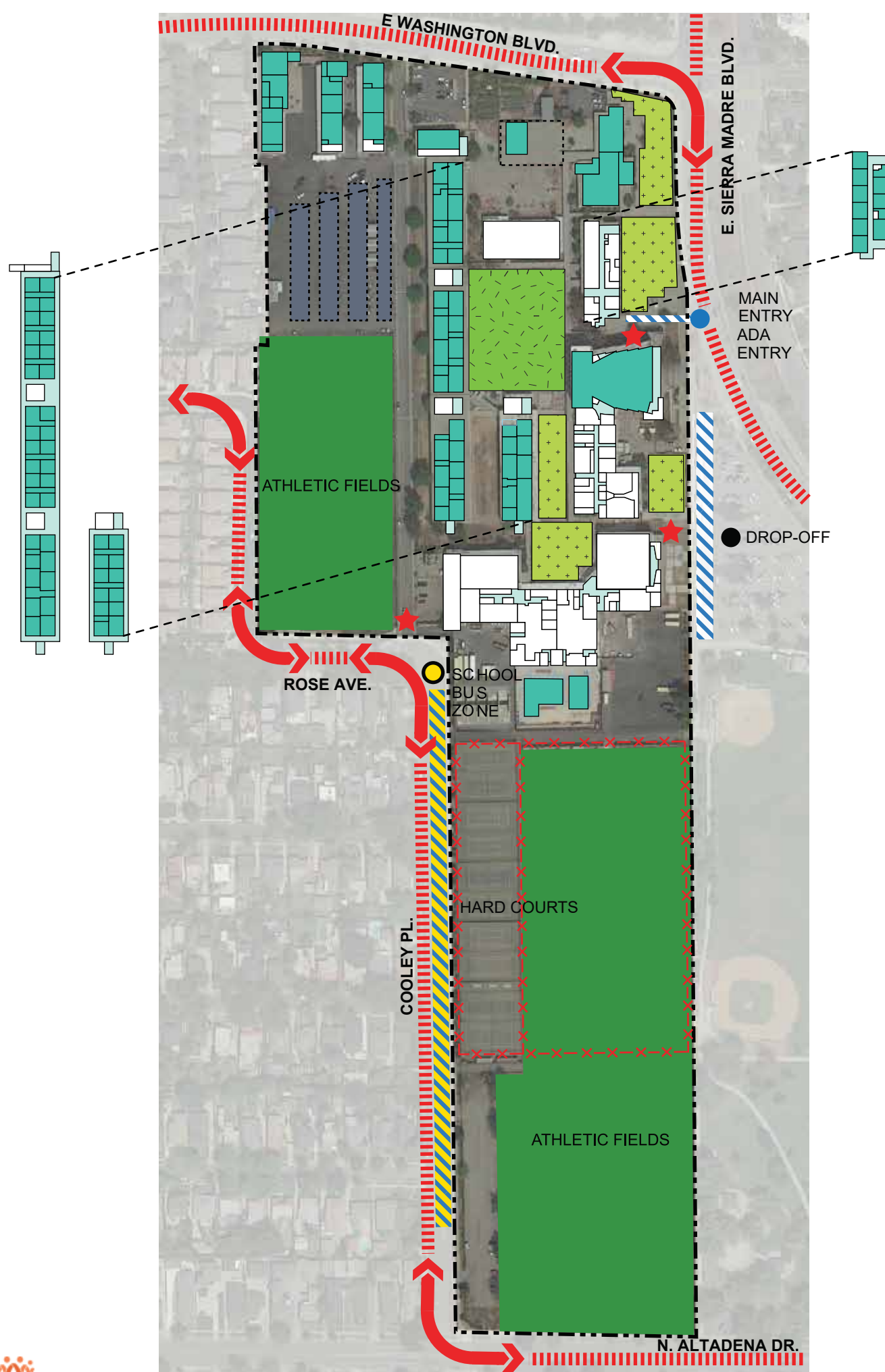
- Outdated Kitchen and Serving facilities.

- Distressed landscape and old irrigation system.
- Lack of shade shelters.
- Discontinuation of accessible path of travel at some locations.
- Fencing deterioration at sport facilities.

- Existing outdoor garden areas and courtyards can be used as learning space.

- Existing buildings are not Intelligent.
- Existing HVAC system is controlled with Building Management System.



**Legend :**

- ★ Entry
- Drop-off
- School Bus Zone
- Accessible Entry
- Property Line
- ← Vehicular
- ← Pedestrian
- ▨ Accessible Route
- ▨ School Bus Zone
- ▨ Solar Panels
- x-x- Existing Fence
- x-x- New Fence
- New Building/Classroom
- Modernization Spaces
- Circulation

**SITE WORK :**

- Outdoor Learning
- Site & Landscaping
- Athletic Field
- ▨ ADA Site Improvements
- ▨ Pervious Surface
- ▨ Play Area & Structure
- Shade Structure
- Hardcourts
- Parking
- ▨ Demo
- Circulation



# Pasadena High School

## Suggested Improvements

### 1. Technology Infrastructure

- Provide state of the art audio visual equipment in classrooms.
- Replace existing technology network with current up to date devices.

### 2. State Mandated Items

- Address accessibility elements at parking, campus, and buildings.
- Update fire alarm system from manual to automatic.
- Evaluate and address buildings for seismic safety as required.

### 3. Safety & Security

- Replace perimeter campus fencing, gates, and hardware.
- Install additional security cameras where required.

### 4. Path to Zero Net Energy & Water Conservation

- Replace lighting fixtures at most buildings with LED energy efficient lighting.
- Replace HVAC distribution systems at various buildings.
- Install new landscape and irrigation system throughout campus.

### 5. Programs Improvements

- Update existing outdated sport facilities.
- Auditorium improvements.

### 6. 21st Century Learning & Flexible Classrooms

- Provide flexible classroom furniture and storage systems.
- Provide new technology labs and equipment.

### 7. Modernization & Reconfiguration

- Classrooms modernization.
- Kitchen modernization.
- Auditorium modernization.

### 8. Physical Education and Play Area Improvements

- Replace artificial turf field surface and add grandstand.
- Renovate existing swimming pool.

### 9. Multi-Purpose Spaces & Food Service Improvements

- Renovate kitchen and food serving facilities.

### 10. Site Improvements

- Provide new landscape and irrigation system.
- Provide new shade shelters.
- Address accessible path of travel deficiencies.
- Replace existing fencing at sport facilities.

### 11. Outdoor Learning Classrooms & Gardens

- Identify outdoor areas as potential locations for outdoor learning activities.

### 12. Intelligent New Construction

- Addition of new Intelligent facilities to support school programs.
- Monitor and improve integrated Building Management System.





ESTIMATED RECOMMENDED PROJECT COST		
Scope of Work Categories		Total
1	Technology Infrastructure	\$2,218,848.00
2	State Mandated (Access / ADA Compliance, Fire-Life-Safety and Structural)	\$19,969,632.00
3	Safety & Security	\$1,331,308.80
4	Path to Zero Net Energy & Water Conservation	\$887,539.20
5	Signature Program Improvements	\$2,218,848.00
6	21st Century Learning & Flexible Classrooms	\$4,437,696.00
7	Modernization & Reconfiguration	\$4,437,696.00
8	Physical Education & Athletic Facility Improvements	\$2,218,848.00
9	Multi-Purpose Spaces & Food Service Improvements	\$4,437,696.00
10	Site Improvements	\$17,544,688.50
11	Outdoor Learning Classrooms & Gardens	\$3,096,121.50
12	Intelligent New Construction	\$2,218,848.00
	Subtotal Estimated Recommended Construction Cost	\$65,017,770.00
	Soft Project Cost (20%)	\$13,003,554.00
	Hard & Soft Costs Subtotal	\$78,021,324.00
	Escalation (Averaged, 5% per annum to midpoint of construction)	\$8,452,310.10
	Overall Contingency (10%)	\$6,501,777.00
	Total Estimated Recommended Project Cost	\$92,945,411.10

