

Berkeley **PUBLIC SCHOOLS**

Berkeley Unified School District

Facilities Subcommittee

Measure G Planning and Implementation

June 24, 2020

John Calise - Executive Director, Facilities Division

Presentation Overview

- Measure G Planning
- Measure G Board Approved – Factors Used to Drive Projects (November 6, 2019)
- Measure G Board Approved - Allocations and Project Types (November 6, 2019)
- Previous Bond Allocations - Middle School Projects, Allocations, and Comparisons
- CTE Plan for Longfellow
- Planning Process for these types of Facilities Projects
- What can be done relatively soon at Longfellow ?
- Reallocation and Planning Process

The Measure G Plan is a Culmination of the Following:

- Facilities Master Plan
- Campus Stakeholder Engagement
- Community Outreach and Engagement
- Superintendent's Workgroup
 - Yearlong process to:
 - Understand the facilities needs and establish project priorities.
 - Understand bonding capacity vs. actual facility needs
 - Cost and implications of Bond issuance and the affect it would have on the local tax rate

Facilities Master Plan Process

- Assessment/Planning Status
- Campus by Campus Analysis
- Patterns and Overview
- Demographics
- Capacity
- Setting Priorities



CAPITAL FACILITIES PROGRAM

Project Considerations

Guiding Principles

- Developed in accordance with Board approved **design standards**
- Achievable with reasonably anticipated **available funds**
- Promote **equity** across the District
- Incorporate the **needs of a diverse student body**

Criteria for Consideration

- Improve **teaching and learning opportunities**
- Improve campus **safety** while creating a **welcoming** environment
- Correct **operational** deficiencies
- Expand options for **project-based learning** and/or education focused on career development
- Advance the District's **sustainability** goals
- Correct **infrastructure** deficiencies

Capital Planning Budget

Planned Expenditures	
Elementary Schools	\$121,080,000
Middle Schools	\$49,630,000
High Schools	\$73,330,000
Child Development Centers	\$3,720,000
Adult School	\$7,710,000
District-Wide	\$52,800,000
Administrative Facilities	\$1,750,000
Program Expenses	\$111,680,000
Total Planned Expenditures (10 Years)	\$421,700,000

Assumed Revenue	
General Obligation Bond	\$380,000,000
State Facilities Program	\$10,000,000
Developer Fees	\$2,500,000
Various CTE Grants	\$10,500,000
Total Assumed Revenue	\$403,000,000
Total Planned Expenditures	\$421,700,000
Funding TBD	(18,700,000)



Berkeley Unified School District

Project List

Sample of the Full Ballot Text

- Complete seismic retrofit of Berkeley High School Florence Schwimley Little Theater, including seismic upgrade; remove accessibility barriers to meet Americans with Disabilities Act (ADA) requirements, and modernize.
- Replace antiquated Heating and Ventilation system in Building C, including ancillary structure and finish upgrades to accommodate new system as needed.
- Replace parking lot/tennis courts with new multilevel parking structure and tennis courts to support school tennis program, physical education and community use.
- Construct new Career Technical Education center and technology training classrooms, classroom buildings, science labs and other facilities, and renovate, rehabilitate or reconstruct classrooms and facilities to accommodate career, technical and science education.
- Construct classrooms and classroom buildings, laboratories, libraries, lecture halls, multipurpose rooms, theaters, art and music instruction and recital rooms, and other educational facilities, gymnasiums and other physical education facilities.
- Acquire and install solar electricity generation and distribution systems, including rooftop installation of solar panels, construction of parking lot shade structures and other structures to support solar panels and related infrastructure, and electrical system enhancements to accommodate solar power.
- Furnish and equip schools, classrooms, science and technology labs, gyms, school offices, and other District facilities.

Project List

Through Modernization and New Construction:

- Ensure facilities support **Curriculum and Programs**
- Enhance **STEM, CTE and Project-Based Learning opportunities**
- Improve **Student Support** spaces
- Reduce operational costs through **Solar and Sustainability**
- Address **Equity Issues** so all students have access to high quality programs
- Provide **Safe and Welcoming** learning and work environments
- Continue **Infrastructure Upgrades and System Replacements**

Middle School Allocation Comparison

			
	KING	LONGFELLOW	WILLARD
TOTAL FOOTPRINT	17.8 Acres	3.73 Acres	7.2 Acres
CURRENT MIDDLE SCHOOL EXPENDITURES FROM MEASURE I			
	\$5,085,572	\$7,280,344	\$5,573,133
COMPLETED PROJECTS FOR MEASURE I in ORIGINAL PLAN and REALLOCATED PLAN:	King Track and Field Gym Modernization Auditorium Modernization Tennis Courts	New Cafeteria Roofing Replacement Exterior Paint CTE Makerspace Furniture	Original Plan Classroom Building Modernization and Cafeteria Upgrade Combined Future Modernization with original plan to tackle more scope
CURRENT/ FUTURE PROJECTS	CTE Makerspace Furniture and planning	Gate Crossing CTE Makerspace	CTE Planning for future project and furniture
HISTORICAL DATA			
	Started as grades 7-8	Started as grades 4-6	Started as grades 7-8
CURRENT MIDDLE SCHOOL EXPENDITURES FROM MEASURES AA and EARLIER BUDGET SUMMARIES			
	\$36,457,617	\$17,057,176	\$13,757,981
MAJOR PROJECTS FOR MEASURE A: Seismic Bond	Major seismic deficiencies identified resulting in the reconstruction of the main building. Conversion of cafeteria was done at this time to accommodate the addition of 6 th grade. Interim Housing required. Total costs \$27M. Completed in 2003.	Conversion of Longfellow from a 4-6 elementary to a 6-8 middle school. New administrative building including library, and science labs. New gymnasium. Total costs: \$14.1M Completed in 1999.	Addressed significant deferred maintenance. Modernization of Multiple Buildings
MAJOR PROJECTS FOR MEASURE AA:	King Dining Commons (Cafeteria and Central Kitchen) King Science Modernization	Modernization of the Annex Garden Relocation	Modernization of Multiple Buildings Grounds Improvement

CTE at the Middle Schools

- We are building a Middle School component to our CTE Program - this **Middle School STEM/Maker Exploration** initiative will inspire our students to engage in STEM exploration, develop resourcefulness, collaboration and the wonder that comes from being a creator and not just a consumer.
- **Areas of focus will include: Robotics, Coding/Programming, Digital Media, Electronics/Circuits, CAD, 3D Printing, Google Applications and Adobe Creative Cloud ,Sound Engineering, Technical Theater**

Wyn Skeels, BUSD CTE Coordinator

CTE at Longfellow

At this point, Longfellow is the only Middle School that has a dedicated STEM/Makerspace and, after the upgrades that CTE and Facilities Department completed in December, that space is suited to support the current MS STEM curriculum.

Makerspace **2.0** will include upgraded electrical and ventilation. No further upgrades have been defined with program curriculum to date.



Planning Process and Timeline for Large Projects

18 months

- Develop enhanced Middle School CTE curriculum
- Conceptual designs to define space, infrastructure, and budget

12-18 months

- Schematic Design/Budget Validation
- Construction Documents and DSA Approval

6-24 months

- Construction
- DSA Closeout

3-5 years to develop enhanced CTE MS curriculum and build out new facilities

What Can Be Done Soon at Longfellow?

- Based on the feedback received during the Facilities Master Planning process, the following are projects that the community has requested
 - Digital Marquee at the schools entrance
 - New multi-sport turf field with improved drainage
 - New fencing and concrete separation wall similar to BHS
 - New gates
 - Auditorium Modernization
 - Garden Update

Reallocation and Planning Process

- Direction from the subcommittee?
- What “bucket” of allocations should be reconsidered?
- Deferral of Projects?