

Foothill High School

Campus Master Plan



March 15, 2004

Foothill High School

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Foothill High School

Campus Master Plan



East Side Union High School District Mission Statement

It is the mission of East Side Union High School District to provide a safe and effective learning environment: to provide support to all students and families; to strive for continuous improvement; and to implement clear measurements of success.

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P E R K I N S
& **W I L L**

Foothill High School

Introduction to the Master Plan



On March 5, 2002, the **East Side Union High School District (ESUHSD)** passed the Measure “G” Bond with \$298,000,000 for facilities Improvements. With a portion of the funds generated from this bond, the ESUHSD proposed to begin a number of modernization and new construction projects at the campuses across the District. These projects include, but are not limited to, replacing relocatable classrooms with permanent buildings, modernizing existing classrooms, modernizing existing restrooms and locker rooms, providing increased safety and security by utilizing perimeter fencing, video camera surveillance and exterior lighting, and improving campus wide technology.

Measure G, as presented to the voters, contained a Bond Project List which listed specific projects for each campus across the District. In order to prioritize the needs of each school, the District developed an **Executive Summary** that works as a “scope of work planning guide” for the modernization of each school, listing projects and assigning priorities and base costs for each campus.

The **ESUHSD** selected Perkins & Will to provide a District Master Plan for the Measure G funded projects as well as future campus needs. The comprehensive Master Plan is comprised of five major parts that work together to outline the needs, scope of work and methods by which all of the new work will be completed.

The **Phase I and Phase II Projects** (formally titled “Quick Start Projects”) were the first part of the Master Plan. The Projects List as defined by the Defined was first reviewed in June 2003, this portion of the Master Plan describes campus improvement projects that had a short lead time and little physical or economic impact on the overall planning efforts at each campus. Phase I projects included those projects that had been implemented by the District and were already underway at the time. Phase II projects were scheduled to begin in late 2003 or early 2004.

The **Preliminary Needs Assessment** was the second report delivered as part of the comprehensive Master Plan. This portion of the Master Plan contains a detailed analysis of each campus and the inherent needs of each school. Included in this document are analysis of existing campus conditions, probable construction costs and existing facility assessments that document the investigations, evaluations and recommendations of Perkins & Will and its consultants.

The **Campus Master Plan** is the third part of the comprehensive Master Plan. It works as a companion to the first two parts of the Master Plan and outlines the scope of work and probable construction costs for the projects funded under Measure G as well as the complete Master Plan for each campus. The Campus Master Plan document describes a scope of work at a campus level and works in conjunction with the two final parts of the Master Plan, the **District Facility Design Guidelines** and the **District Outline Specifications**. These two documents provide a more detailed outline of the work at a building level and describe specific materials and methods to be used on District construction projects.

This **Campus Master Plan for Mt. Pleasant High School** is provided as a recommendation to the District of the scope of work to be performed under Measure G funding along with considerations for future campus improvements. It is a result of the synthesis of information provided by the District, the Campus Steering Committees and the Master Plan consulting team.

Foothill High School

Glossary of Terms



Allocated Construction Budget-- 72% of the Project Budget reserved for construction only, including design contingencies and escalation. The remaining 28% is reserved for District associated project costs, including testing, fees, project management and project contingencies.

Balance of Funds--The difference between the Allocated Construction Budget and the Total Probable Construction Cost.

Bond Summary Budget--Total Measure G funds allotted to each campus per the Citizen Bond Oversight Committee Annual Report, dated August, 2003.

Campus Priority Projects--Amount the District anticipates spending for select sub-category projects deemed Campus Priority Projects. It does not include contingency and escalation costs. These projects do not fall under the heading Campus Projects.

Campus Project--A project identified through the Master Plan Preliminary Needs Assessment process that does not fall within the projects listed in the Measure G Bond Executive Summary or the Citizen Bond Oversight Committee Annual Report Bond Summary. A Campus Project is considered for master planning purposes, but it may not be funded by Measure G.

Campus Projects Probable Construction Cost--Amount each campus anticipates expending for their own projects above and beyond the District Priority Projects, including contingency and escalation costs.

CDE Total Enrollment 2002-2003 SY--The number of students at each campus for the 2002-2003 School Year. This number was provided by ESUHSD and is based on the California Department of Education's CBED demographic reports for enrollment reported in October, 2002.

Current Capacity--The number of students in each campus at the District Standard of 26.8 loading per Teaching Station.

Current Loading--The average number of students housed at each teaching station per campus.

Design Contingency--A multiplier applied to base probable construction costs to account for unforeseeable conditions or unknown constraints that may be revealed during design and thereby affect construction cost. This multiplier has been set at 15%.

District Priority Project (DPP)--A project considered to fall within the projects listed in the Measure G Bond or the Executive Summary Project Lists, and which is planned to be under construction contract after September 30, 2004 and funded from Measure G funds.

District Priority Projects (DPP) Probable Construction Cost--Total construction amount each campus anticipates expending for those projects scheduled to be in a construction contract after September 30, 2004. A design contingency of 15% and a cost escalation of either 12% or 20% is applied for a period of 3 or 5 years respectively. This amount is applied to both DPP and the Design Contingency.

District Standard Loading--The number of students housed at each Teaching Station as a District Standard.

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Glossary of Terms



Escalation—A multiplier applied to the sum of the base probable construction costs and design contingency to account for construction costs increasing due to inflation and market conditions over time. Applied as a base, un compounded percentage rate added for each year from 2003 to the projected mid-point of construction.

Executive Summary Budget--Total Measure G funds allotted to each campus per the Executive Summary “Bond Measures School Safety and Student Success”, no date.

Existing Teaching Station (Permanent Building)--The number of teaching stations located in a permanent building.

Existing Teaching Stations (Relocatable)--The number of Teaching Stations located in non-interim relocatable buildings.

General Classroom--A Standard Teaching Station room.

Interim Housing—Relocatable Teaching Stations required to house classes during construction.

Master List of District Priority Projects

A categorized list of project types distilled by Perkins & Will from the campus project lists contained within the Measure G Bond Executive Summary and the Citizen Bond Oversight Committee Annual Report Bond Summary.

Master Plan Balance of Funds--The difference between Allocated Construction Budget and Total Master Plan Probable Construction Cost.

Master Plan Enrollment--The number of students anticipated at each campus for the purposes of generating the Preliminary Needs Assessment. This number was established by ESUHSD.

Measure A--The General Obligation Bond prior to Measure G, passed by East Side Union High School District voters in 1991, now expended.

Measure G--A General Obligation Bond of \$298,000,000, passed by East Side Union High School District voters on March 5, 2002.

Modernization Level 1--A general construction project that replaces most finishes and some fixtures but does not change existing wall configurations. Refer to the Appendix for an itemized description.

Modernization Level 2--A general construction project that replaces all finishes and fixtures, typically for its existing use, sometimes requiring relocation of non-bearing partitions. Upgraded mechanical, plumbing, electrical, technology and new roofing are included. Refer to the Appendix for an itemized description.

Net Enrollment Change--The difference between Enrollment 2002-2003 and Master Plan Enrollment.

Net Relocatables Replaced--The difference between Existing Teaching Stations (Relocatables) and Teaching Stations Net Change. A positive number indicates the number of new construction of

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Glossary of Terms



classrooms to replace relocatable buildings by the end of Measure G construction. A zero indicates that the existing number of permanent Teaching Stations should accommodate the projected enrollment population under the District's Standard Loading, without consideration of other modernization or campus needs.

New Construction--A general construction project providing additional program area not within an existing structure.

Other Funding--Monies for specific projects from either City or private entities.

Other Labs—A specialized instruction classroom, often larger than a General Classroom, such as a Computer Lab, Art or Music Classroom and their associated support spaces.

Phase I Construction Cost--Total construction amount the District anticipates expending for those projects included in a construction contract before October 1, 2003. Contingency and escalation costs are not applied to Phase I Projects.

Phase II Probable Construction Cost--Total construction amount the District anticipates expending for those projects included in a construction contract between October 1, 2003 and September 30, 2004. A design contingency of 15% is applied. In addition, a 4% escalation cost amount is applied to both Phase II project costs and the design contingency.

Phase I Project--A project that is under construction contract before October 1, 2003, to be funded either from Measure G allocations or under the District's Maintenance & Operations Budget.

Phase II Project--A project that is planned to be under construction contract between October 1, 2003 and September 30, 2004, to be funded from Measure G funds.

Projected Enrollment 2011--The number of students anticipated in each campus for the 2001-2012 School Year. This number was provided by enrollment projection consultants in a report from 2000. These projections did not account for the effects of students attending Evergreen Valley High School.

Projected Enrollment Oct. 2005--The number of students anticipated at each campus for the 2005-2006 School Year. This number was provided by the District's enrollment projection consultants in a report from 2000. These projections did not account for the effects of students attending Evergreen Valley High School.

Recently Modernized Classroom—A Teaching Station modernized within 10 years of the Preliminary Needs Assessment (1993 or later), presumed by the District to be predominantly compliant with recent DSA requirements.

Reconstruction--A general construction project that removes all finishes and infrastructure of an existing building in order to expand or reconfigure that building, sometimes for another use. Reconstruction typically will require seismic and structural upgrades of the building structure. All new mechanical, plumbing, electrical, technology, exterior finishes, roofing, interior finishes are included. Refer to the Appendix for an itemized description.

Relocatable Classroom--A portable building housing at least one General Classroom.

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Glossary of Terms



Relocatable Non-Teaching Station—A portable building housing physical education classes, administration, storage or other similar functions.

Relocatable Other Labs--A portable building housing at least one specialized instruction classroom.

Relocatable Science Lab--A portable building housing at least one Science Lab and designed for science classes.

Revised Teaching Station Requirement--The total number of Teaching Stations required per campus, based on the Master Plan Enrollment numbers divided by the District Standard Loading.

Science Lab--A Teaching Station room, designed and outfitted for science classes.

State Eligibility Budget--The amount of state modernization grant funding for which a campus is currently eligible under the State Allocation Board's AB 16 School Facility Program Regulations, per the District's State Eligibility Consultant's report.

Teaching Station—A classroom or space where instruction by teachers takes place, where students are assigned, and are counted for the purpose of determining the project's enrollment capacity, as determined by the California Department of Education. Standard Teaching Stations include class lecture rooms, reading areas, special education, and independent study using technology learning centers within classrooms. Large Teaching Stations include rooms for large group lecture, video presentations and hands-on activities. Science Laboratories and other specialized instruction classrooms are considered to be Teaching Stations. Rooms where Physical Education and Health occur, however, are not counted as Teaching Stations.

Teaching Stations Net Change--The difference between Total Existing Teaching Stations and Teaching Stations Needed.

Total Construction Budget--Amount the District anticipates spending on construction only for Phase I, Phase II and all District Priority Projects, including their respective contingency and escalation costs.

Total District Priority Projects--Amount the District anticipates spending for all District Priority Projects. It does not include contingency and escalation costs.

Total Enrollment May 2003--The number of students at each campus in May 2003. Adult Education is not factored into the District's enrollment numbers. This number was provided by ESUHSD.

Total Existing Teaching Stations--All current Teaching Stations, including permanent and relocatable buildings. Interim Portables are temporary housing for Teaching Stations undergoing construction and are not included in the Existing Teaching Station Count.

Total Master Plan Probable Construction Cost--Amount each campus anticipates expending for all construction projects, including, Phase I, Phase II, District Priority Projects and Campus Projects, including their respective contingency and escalation costs.

Total Phase I & II Probable Construction Costs--Includes Phase I and Phase II probable construction costs and their respective contingency and escalation costs.

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Glossary of Terms



Total Probable Construction Cost--Amount each campus anticipates spending on construction only for Phase I, Phase II and all DPP, including their respective contingency and escalation costs.

Total Project Budget--The entire amount allotted to each campus for construction and District associated project costs, based on the sum of the Bond Summary Budget, the State Eligibility Budget and Other Funding sources.

Foothill High School

Master List of District Priority Projects



1. Mandatory Code Compliance

- ♦ ADA Compliance for Site Accessibility
- ♦ Fire Alarm System
- ♦ Hazardous Materials Abatement

2. Recommended Safety Improvements

- ♦ Seismic Upgrade
 - Including buildings, lunch shelters, covered walkways and student drop-offs
- ♦ Pool Modernization to Increase Depth

3. Recommended Building Improvements

(Moisture Protection projects are not within scope of other projects listed)

- ♦ Roofing Modernization
- ♦ Exterior Finishes Modernization

4. Health

- ♦ Restroom New construction
 - Student and staff restrooms (excluding Locker Room Restrooms)
 - Including finishes, fixtures, ventilation, ADA compliance, etc.
- ♦ Restroom Modernization
 - Student and staff restrooms (excluding Locker Room Restrooms)
 - Including finishes, fixtures, ventilation, ADA compliance, etc.
- ♦ Locker Room Modernization
 - Locker Rooms, Locker Room Restrooms, Showers for students and staff
 - Including finishes, fixtures, lockers, ventilation, ADA compliance, etc.

5. Security

- ♦ Security Surveillance Cameras & DVR
- ♦ Security Alarm System
- ♦ Security Exterior Lighting
- ♦ Perimeter Site Fencing
- ♦ Door Hardware Modernization

6. Teaching Stations

- ♦ Classroom/Lab Modernization
 - Including finishes, lighting, outlets, etc.
- ♦ Classroom/Lab Reconstruction
 - Including undersized classroom expansion and seismic Modernization
- ♦ Classroom/Lab New Construction to Replace Relocatables
- ♦ Classroom New Construction for Enlargement of Undersized Classrooms Less Than 800 SF
- ♦ Classroom New Construction for Enlargement of Undersized

Classrooms Between 801 and 849 SF

- ♦ Classroom New Construction for Enlargement of Undersized Classrooms Between 850 and 899 SF
- ♦ General Science Lab New Construction for Enlargement of Undersized Labs Less Than 1150 SF
- ♦ Science Lab New Construction for Enlargement of Undersized Labs Less Than 1350 SF
- ♦ Classroom/Lab New Construction for Expanded Program

7. Interim Housing

- ♦ For Modernization and New Construction Projects

8. Demolition

- ♦ Building Demolition
- ♦ Relocatable Demolition/Removal
- ♦ Site Demolition

9. Utilities Infrastructure

- ♦ Existing Utilities Services Improvements
 - Electrical Service Improvements
 - Sewer Line Improvements
 - Domestic Water Supply Improvements
 - Fire Service Water Supply Improvements
 - Gas Supply Improvements
 - Storm Drainage Improvements
- ♦ New Construction Utilities Services Improvements
 - Electrical Service Improvements
 - Sewer Line Improvements
 - Domestic Water Supply Improvements
 - Fire Service Water Supply Improvements
 - Gas Supply Improvements
 - Storm Drainage Improvements

10. Technology

- ♦ Technology Infrastructure
- ♦ Data Networking/Wireless Networking
- ♦ Educational Technology End-user Equipment
- ♦ Telephone System Modernization
- ♦ Public Address System Modernization
- ♦ Cable TV System Modernization
- ♦ Clock System Modernization

11. Teaching Support

- ♦ Library
 - Modernization or Reconstruction
- ♦ Large Gym
 - Modernization or Reconstruction
- ♦ Small Gym
 - Modernization or Reconstruction

Foothill High School

Master List of District Priority Projects



- New Construction
- ♦ Multi-Purpose
 - Modernization or Reconstruction
 - New Construction
- ♦ Theater
 - Modernization or Reconstruction
 - New Construction

- ♦ Landscape & Irrigation Modernization

17. Furniture, Furnishings & Equipment

- ♦ New Furnishings
- ♦ New Lockers

12. Nutrition Services

- ♦ Nutritional Services
 - Modernization or Reconstruction
 - Kitchen Equipment

13. Administration & Staff

- ♦ Administration Modernization or Reconstruction
- ♦ Student Services New Construction

14. General Building Improvements (are not within scope of other projects listed)

- ♦ Lunch Shelter
 - Modernization or New Construction
- ♦ Covered Drop-off
 - Modernization or New Construction
- ♦ Covered Walkway Modernization
- ♦ HVAC System Modernization
- ♦ Electrical Distribution Modernization
- ♦ Lighting Modernization
- ♦ Plumbing System Modernization
- ♦ Paint @ Exterior
- ♦ Paint @ Interior
- ♦ Flooring
- ♦ Ceilings
- ♦ Building Signage
- ♦ Replace Damaged Glazing

15. Outdoor Athletic Facilities

- ♦ All Weather Track Construction
- ♦ All Weather Field Construction
- ♦ Athletic Field & Irrigation Modernization
- ♦ Pool Equipment Modernization
- ♦ Field House Construction
- ♦ Bleachers Modernization @ Track & Field
- ♦ Scoreboard Modernization
- ♦ Resurfacing @ Hard Courts

16. General Site Improvements

- ♦ Walkway Improvements
- ♦ Student Drop-off Area Improvements
- ♦ Parking Lot Improvements

Foothill High School

Introduction to the Measure G Scope



This **Measure G Scope** of the Master Plan for **Foothill High School** is provided as a recommendation to the District for the scope of work to be performed under Measure G funding along with considerations for future campus improvements. It is a result of the synthesis of information provided by the District, the Campus Steering Committees and the Master Plan consulting team. Measure G, as presented to the voters, contained a Bond Project List which lists projects for each school across the District. The District developed an **Executive Summary** which is a “scope of work planning guide” for the modernization of each school, which lists projects and assigns a priority and base cost for each project. Understanding that the funds supplied under Measure G will not provide for the completion of every project need across the District, the **Measure G Scope** proposal is organized in accordance with the **District Priority Projects** at each campus as set forth by the District.

In order to determine which campus projects would be completed under Measure G funding, an extensive campus analysis was completed by Perkins and Will and its consulting team and was submitted to the District as the **Preliminary Needs Assessment**. The information within this report provided a framework from which decisions regarding the Measure G campus projects were derived. The criteria for the proposal included those items listed in the **Bond Project List** and the **District Executive Summary** along with requirements of the **California Building Code, Department of the State Architect (DSA)** and the campus **Steering Committees**.

The proposal includes a **Measure G Scope Diagram** that provides a graphical representation of the proposed scope of work. The **Measure G Probable Construction Cost Summary** identifies the main project categories and associated costs including project contingency and escalation amounts. The **Measure G Phase I & Phase II Probable Construction Cost** is an itemized description of those projects that are to be completed as part of the first two phases of the Master Plan. The **Measure G Probable Construction Cost** is an itemized description of those projects that are to be completed as part of the third phase of the Master Plan. It includes detailed descriptions of the work to be performed at each existing building, new construction project and site development project along with the anticipated costs for each item.

Foothill High School

Campus Measure G Scope Summary











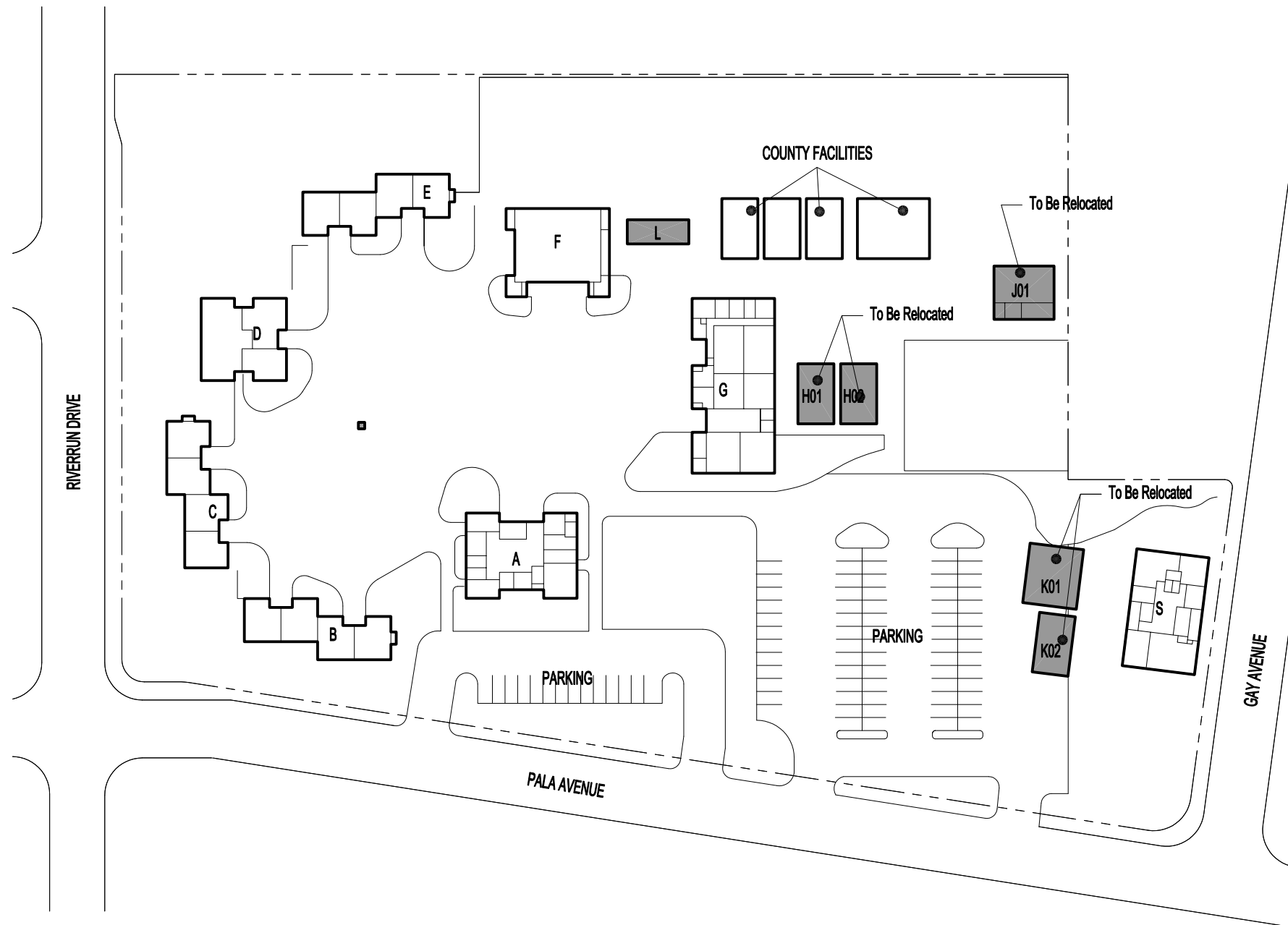
Campus Measure G Project Scope List:

- Campus wide Accessibility Upgrades
- Campus Security Surveillance & Alarm Upgrades
- Campus Security Lighting Upgrades
- New Campus Perimeter Site Fencing
- Existing Utilities Services Improvements
- New Utilities Services
- Technology Infrastructure & Equipment Upgrades
- Parking Lot Expansion
- Landscape & Irrigation Modernization
- Seismic Upgrade of Existing Structures
- Exterior Finishes Modernization
- Roofing Modernization
- New Storage & Restroom Facility Construction
- Relocation of Existing Classroom Portable
- Relocation of Existing Administration/Staff Services Portable
- New Science Relocatable
- Furnishings and Equipment
- Building System Electrical Improvements
- Exterior Paint Modernization

Measure G Existing/Demolition Plan

Legend

-  No Modernization Planned
-  Modernization Completed
-  Removal / Demolition
-  Level 1 Modernization
-  Level 2 Modernization
-  Reconstruction
-  New Construction
-  Phase I or Phase II



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






**Foothill
High School
Site Plan**

Date	March 15, 2004
Job Number	73103.052
Scale	N.T.S.
Sheet	FH-01

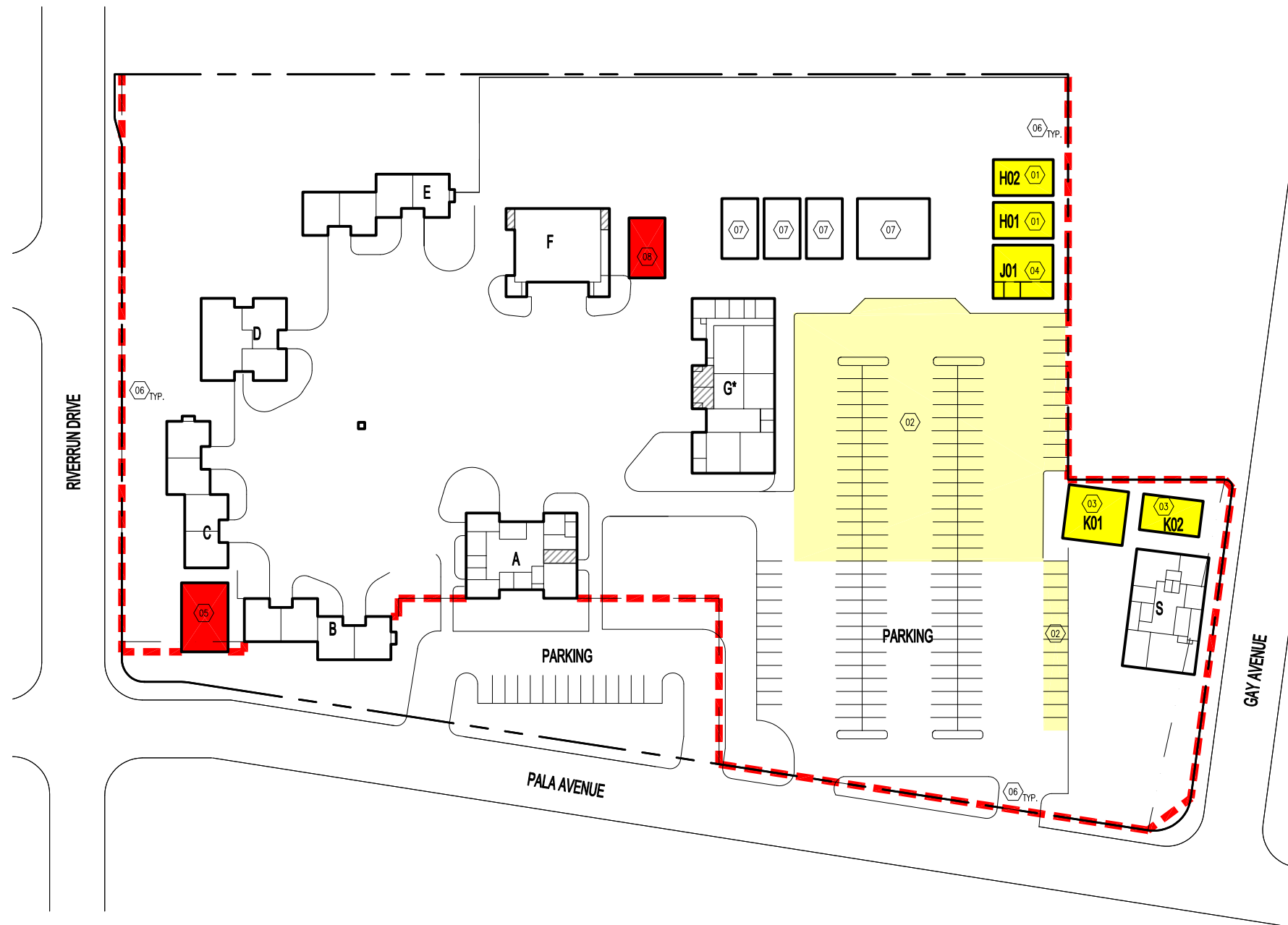
Measure G Scope Diagram

Legend

-  No Modernization Planned
-  Modernization Completed
-  Removal / Demolition
-  Level 1 Modernization
-  Level 2 Modernization
-  Reconstruction
-  New Construction
-  Phase I or Phase II

-  Relocated Buildings H01 & H02
-  New Expanded Parking Lot
-  Relocated Buildings K01 & K02
-  Relocated Building J01
-  New Student Restrooms & Storage
-  New Perimeter Fencing
-  Existing County Facilities
-  New Science Relocatable

*Building to be seismically upgraded



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**Foothill
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Site Plan**

Date	March 15, 2004
Job Number	73103.052
Scale	N.T.S.
Sheet	FH-02

Foothill High School

Measure G Teaching Station Summary



Building	General Classrooms		Science Labs		Other Labs		Special Education	
	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed
Building A (Administration)	-	-	-	-	-	-	-	-
Building B (Classrooms)	4	4	-	-	-	-	-	-
Building C (Classrooms)	4	4	-	-	-	-	-	-
Building D (Library)	-	-	-	-	2	2	-	-
Building E (Classrooms)	4	4	-	-	-	-	-	-
Building F (Multi-Purpose)	-	-	-	-	-	-	-	-
Building G (Classrooms & Counseling)	4	4	-	-	-	-	2	2
Building H01 & H02 (Classrooms)	-	-	-	-	-	-	-	-
Building J01 (Classrooms)	-	-	-	-	-	-	-	-
Building K01 & K02 (Family Learning Center)	-	-	-	-	-	-	-	-
Building L (Maintenance)	-	-	-	-	-	-	-	-
Building S (Child Care Center)	-	-	-	-	-	-	-	-
Subtotals	16	16	0	0	2	2	2	2
New Construction								
Science Relocatable	-	-	-	1	-	-	-	-
Subtotals	0	0	0	1	0	0	0	0

Total Existing Teaching Stations: 20

Total Proposed Teaching Stations: 21

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Measure G Probable Construction Cost Summary



Phase I Construction Cost **\$62,500**

Phase II Probable Construction Cost **\$215,401**

Off Site Developments: \$0
 On Site Developments: \$1,273,552
 Site Structures: \$0

Modernization/Reconstruction:

Building A (Administration)	\$23,252
Building B (Classrooms)	\$1,976
Building C (Classrooms)	\$1,976
Building D (Library)	\$22,317
Building E (Classrooms)	\$1,997
Building F (Multi-Purpose)	\$36,151
Building G (Classrooms & Counseling)	\$51,332
Building H01 & H02 (Classrooms)	\$44,000
Building J01 (Classrooms)	\$22,000
Building K01 & K02 (Family Learning Center)	\$53,000
Building L (Maintenance)	\$3,315
Building S (Child Care Center)	\$25,660

Subtotal: **\$286,977**

New Construction:

Storage & Student Restrooms	\$205,411
Science Lab Relocatable	\$200,000

Subtotal: **\$405,411**

Furniture, Furnishings, Equipment **\$131,250**

Subtotal Probable Construction Cost: **\$2,097,190**

Contingency (15% of Construction) **\$314,579**

Subtotal: **\$2,411,769**

Construction Cost Escalation/Market Condition (3 years @ 4% annually) **\$289,412**

District Priority Probable Construction Cost: **\$2,701,181**

Total Probable Construction Cost:	\$2,979,082
Allocated Construction Budget:	\$7,030,782
Balance of Funds:	\$4,051,700



Legend of Symbols

- ‡ Projects in process prior to Master Plan (District Generated)
- × Documented in the Measure G Bond Project List (may also be included in the Executive Summary)
- Documented in the Executive Summary, Bond Measures, School Safety and Student Success
- ▲ DSA required project
- ◇ Master Plan recommended project

Foothill High School

Measure G Phase I & Phase II Probable Construction Cost



Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Phase I:					
Cat. 3 Recommended Building Improvements					
×	Roofing Building G		1 LS		TBD
Cat. 6 Teaching Stations					
‡	Classroom Renovation for Natural Light		1 LS		TBD
Cat. 10 Technology					
•	Upgrade Phone System Access Security		1 LS	\$5,000.00	\$5,000
•	Phone Software Upgrades		1 LS	\$14,000.00	\$14,000
•	Upgrade Attendant Station (Auto Attendant & Direct Station)		1 LS	\$9,000.00	\$9,000
‡	Upgrade Existing PA System		1 LS		TBD
•	Upgrade Existing CATV Network to Digital (with Comcast)		1 LS	\$25,000.00	\$25,000
‡	Replace Clocks with Wireless		1 LS	\$7,000.00	\$7,000
Cat. 14 General Building Improvements					
×	Paint Exterior of 2 Buildings		1 LS		TBD
‡	New Flooring		1 LS		TBD
×	New Windows-Building A Administration		1 LS	\$2,500.00	\$2,500

Phase I Construction Cost \$62,500

Phase II:

Cat. 1 Mandatory Code Compliance					
▲	Upgrade Fire Alarm System	Modern. (level 2)	1 LS	\$93,044.00	\$93,044
Cat. 4 Health					
	Restroom Modernizations				
×	Building A - Administration Staff (A19, A21 & A22)	Modern. (level 2)	146 SF	\$87.10	\$12,717
×	Building F - Multi-Purpose Student (F02 & F03)	Modern. (level 2)	162 SF	\$87.10	\$14,110
×	Building G - Classroom & Counseling Student (G14 & G15)	Modern. (level 2)	362 SF	\$87.10	\$31,530
	Sub-total Restroom Modernizations				\$58,357
Cat. 5 Security					
	Security Fencing				
×	Site Perimeter 8' Ht. Chain Link Fencing	New Construction	1,025 LF	\$28.00	\$28,700

Phase II	\$180,101
Design Contingency @ 15%	\$27,015
Cost Escalation 1 Years @ 4%	\$8,285
Phase II Probable Construction Cost	\$215,401

Foothill High School

Measure G Probable Construction Cost



District Priority Projects (DPP):

On- Site Developments

On Site Development includes perimeter site fencing and campus wide abatement and improvements to security, the utilities infrastructure, and technology.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 1 Mandatory Code Compliance					
▲	ADA Compliance for Site Accessibility	Reconstruction	1 LS	\$63,262.00	\$63,262
▲	* Allowance for Hazardous Material Abatement (Including Building B Asbestos)		0 SF	\$5.00	\$0
Cat. 5 Security					
×	Security Surveillance Cameras & DVR	Reconstruction	1 LS	\$30,000.00	\$30,000
◇	Security Alarm System	Modern. (level 1)	1 LS	\$5,120.00	\$5,120
◇	Security Exterior Lighting	Reconstruction	1 LS	\$34,875.00	\$34,875
Perimeter Site Fencing					
×	Campus Perimeter 6' Ht. District Standard Fencing	New	1,640 LF	\$65.00	\$106,600
Cat. 8 Demolition					
◇	Site Demolition		1 LS	\$25,000.00	\$25,000
Cat. 9 Utilities Infrastructure					
Existing Utilities Services Improvements					
◇	Electrical		1 LS	\$30,000.00	\$30,000
▲	Fire Service Water				
	<i>New fire hydrants, valves & associated piping for renovations throughout the campus</i>				
	6" PVC water line		1,420 LF	\$45.00	\$63,900
	6" DCDA with PIV & FDC		1 EA	\$1,200.00	\$1,200
	Fire hydrant		5 EA	\$750.00	\$3,750
	Connection to existing main line		1 EA	\$800.00	\$800
New Construction Utilities Services					
◇	Electrical		1 LS	\$30,000.00	\$30,000
◇	Gas				
	<i>New connections & piping to serve 2 new bldgs</i>				
	2" PVC gas line		610 LF	\$35.00	\$21,350
◇	Domestic Water				
	<i>New valves & piping to serve 2 new bldgs</i>				
	4" PVC water line		280 LF	\$40.00	\$11,200
	4" DCDA		1 EA	\$600.00	\$600
	4" gate valve		3 EA	\$250.00	\$750
	Water connection to existing main line		1 EA	\$800.00	\$800
▲	Fire Service Water				
	<i>New PIVs and piping to serve 2 new bldgs</i>				
	6" PVC water line		180 LF	\$45.00	\$8,100
	Piv		2 EA	\$400.00	\$800

Foothill High School

Measure G Probable Construction Cost



◇	Sanitary Sewer				
	<i>New cleanouts & service lines to serve 3 new buildings</i>				
	6" PVC sewer pipe	180 LF	\$42.00		\$7,560
	6" sanitary sewer cleanout	2 EA	\$450.00		\$900
	Wye connection to existing main line	2 EA	\$500.00		\$1,000
◇	Storm Drain				
	<i>New area drains and piping to serve 3 new buildings</i>				
	6" PVC storm drain pipe	60 LF	\$40.00		\$2,400
	8" PVC storm drain pipe	220 LF	\$45.00		\$9,900
	10" PVC storm drain pipe	160 LF	\$50.00		\$8,000
	12" PVC storm drain pipe	270 LF	\$55.00		\$14,850
	Area drain	4 EA	\$500.00		\$2,000
Cat. 10 Technology					
x	Technology Infrastructure	Modern. (level 2)	1 LS	\$210,000.00	\$210,000
x	Data Network/Wireless Networking	Modern. (level 2)	1 LS	\$225,000.00	\$225,000
x	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$50,000.00	\$50,000
Cat. 16 General Site Improvements					
	Parking Lot Expansion	Reconstruction	34,500 SF	\$5.10	\$175,950
◇	Landscape & Irrigation Modernization	Reconstruction	1 LS	\$127,885.00	\$127,885
Sub-Total Probable On Site Development Cost:					\$1,273,552

Foothill High School

Measure G Probable Construction Cost



Building A - Administration

Existing area: 3,856 SF. The existing program includes (10) offices, staff restrooms, (2) storage areas, (1) data and (1) electrical room. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 3 Recommended Building Improvements					
◇	Roofing Modernizations, flat roof only	Modern. (level 2)	2,800 SF	\$5.75	\$16,100
Cat. 14 General Building Improvements					
×	Electrical Distribution Modernization	Modern. (level 2)	3,856 SF	\$0.75	\$2,892
×	Paint @ Exterior	Modern. (level 2)	3,408 SF	\$1.25	\$4,260
Sub-Total Probable Construction Cost:					\$23,252

Foothill High School

Measure G Probable Construction Cost



Building B - Classrooms

Existing area: 2,635 SF. The existing program consists of (4) classrooms and (1) electrical room. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 10 Technology					
x	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$45,000.00	\$45,000
Cat. 14 General Building Improvements					
x	Electrical Distribution Modernization	Modern. (level 2)	2,635 SF	\$0.75	\$1,976
Sub-Total Probable Construction Cost:					\$46,976

Building C - Classrooms

Existing area: 2,635 SF. The existing program consists of (4) classrooms and (1) electrical room. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 10 Technology					
x	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$45,000.00	\$45,000
Cat. 14 General Building Improvements					
x	Electrical Distribution Modernization	Modern. (level 2)	2,635 SF	\$0.75	\$1,976
Sub-Total Probable Construction Cost:					\$46,976

Foothill High School

Measure G Probable Construction Cost



Building D - Library

Existing area: 3,125 SF. The existing program includes (1) library and (2) computer labs. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 3 Recommended Building Improvements					
◊	Roofing Modernizations, flat roof only	Modern. (level 2)	2,798 SF	\$5.75	\$16,089
Cat. 10 Technology					
*	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$18,000.00	\$18,000
Cat. 14 General Building Improvements					
*	Electrical Distribution Modernization	Modern. (level 2)	3,125 SF	\$0.75	\$2,344
*	Paint @ Exterior	Modern. (level 2)	3,108 SF	\$1.25	\$3,885
Sub-Total Probable Construction Cost:					\$40,317

Building E - Classrooms

Existing area: 2,663 SF. The existing program consists of (4) classrooms(1) dark room, and (1) electrical room. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 10 Technology					
*	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$45,000.00	\$45,000
Cat. 14 General Building Improvements					
*	Electrical Distribution Modernization	Modern. (level 2)	2,663 SF	\$0.75	\$1,997
Sub-Total Probable Construction Cost:					\$46,997

Foothill High School

Measure G Probable Construction Cost



Building F - Multi-Purpose (Hooper Hall)

Existing area: 3,298 SF. The existing program includes (1) assembly area, (1) food service/vending machine area, (4) storage rooms, and student restrooms. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 3 Recommended Building Improvements					
◊	Roofing Modernizations, flat roof only	Modern. (level 2)	2,814 SF	\$5.75	\$16,181
Cat. 10 Technology					
×	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$9,000.00	\$9,000
Cat. 14 General Building Improvements					
×	Electrical Distribution Modernization	Modern. (level 2)	3,298 SF	\$4.70	\$15,501
×	Paint @ Exterior	Modern. (level 2)	3,576 SF	\$1.25	\$4,470
Sub-Total Probable Construction Cost:					\$45,151

Foothill High School

Measure G Probable Construction Cost



Building G - Classrooms & Counseling

Existing area: 6,109 SF. The existing program includes (6) classrooms, (3) educational support spaces, (5) offices, student restrooms, and service/storage rooms. The proposed program includes the same spaces. Seismic upgrades should be coordinated with Phase 2 projects.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 2 Recommended Safety Improvements					
	Seismic Upgrades				
◇	Building G - Classroom Replace decayed siding		1 LS	\$33,500.00	\$33,500
Cat. 3 Recommended Building Improvements					
×	Exterior Finishes Modernizations	Modern. (level 1)	1 LS	\$13,250.00	\$13,250
Cat. 4 Health					
	Restrooms	Included in Ph. I/II	495 SF	N/A	N/A
Cat. 10 Technology					
×	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$63,000.00	\$63,000
Cat. 14 General Building Improvements					
×	Electrical Distribution Modernization	Modern. (level 2)	6,109 SF	\$0.75	\$4,582
Sub-Total Probable Construction Cost:					\$114,332

Foothill High School

Measure G Probable Construction Cost



Relocatable Building H01 & H02 - Classrooms

Existing area: 1,920 SF. Relocatable Buildings H01 & H02 are to be relocated. The existing program includes (1) general classroom and (1) safety office. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
	• General Classroom Relocation	Relocation	1 EA	\$20,000.00	\$20,000
Cat. 8 Demolition					
	Relocatable Demolition/Removal				
	• Buildings H01 & H02		2 EA	\$2,000.00	\$4,000
Cat. 13 Administration/Staff Services					
	• Safety Office	Relocation	1 EA	\$20,000.00	\$20,000
Sub-Total Probable Construction Cost:					\$44,000

Relocatable Building J01 - Classrooms

Existing area: 1,400 SF. Relocatable Buildings J01 is to be relocated. The existing program includes (2) offices and (1) Independent Study classroom. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
	× General Classroom Relocation	Relocation	1 EA	\$10,000.00	\$10,000
Cat. 8 Demolition					
	Relocatable Demolition/Removal				
	• Buildings J01		1 EA	\$2,000.00	\$2,000
Cat. 13 Administration/Staff Services					
	• Offices	Relocation	1 EA	\$10,000.00	\$10,000
Sub-Total Probable Construction Cost:					\$22,000

Foothill High School

Measure G Probable Construction Cost



Relocatable Building K01 & K02 - Family Learning Center

Existing area: 1,920 SF. Relocatable Buildings K01 & K02 are to be relocated. Existing program includes (2) classrooms. Proposed program includes (2) classrooms.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 8 Demolition					
	Relocatable Demolition/Removal				
	• Buildings K01 & K02		2 EA	\$2,000.00	\$4,000
Cat. 10 Technology					
	x Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$9,000.00	\$9,000
Cat. 13 Administration/Staff Services					
	• Family Learning Center	Relocation	2 EA	\$20,000.00	\$40,000
Sub-Total Probable Construction Cost:					\$53,000

Foothill High School

Measure G Probable Construction Cost



Building L - Maintenance

Existing area: 6,109 SF. Building L will be demolished. The existing program includes storage for groundskeeping equipment. The new Restroom & Maintenance Building will replace the storage space.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 8 Demolition					
◇	Building Demolition		663 SF	\$5.00	\$3,315
Sub-Total Probable Construction Cost:					\$3,315

Foothill High School

Measure G Probable Construction Cost



Building S - Child Care Center

Existing area: 3,809 SF. The existing program includes (4) offices, (8) childcare spaces, (2) storage rooms, and staff restrooms. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 3 Recommended Building Improvements					
◇	Roofing Modernizations, flat roof only	Modern. (level 2)	3,800 SF	\$5.75	\$21,850
Cat. 14 General Building Improvements					
×	Paint @ Exterior	Modern. (level 1)	3,048 SF	\$1.25	\$3,810
Sub-Total Probable Construction Cost:					\$25,660

Foothill High School

Measure G Probable Construction Cost



New Storage & Student Restroom Building

New building to replace Building L and provide student restrooms.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 4 Health					
Restroom New Construction					
▲	Student Restrooms	New Construction	640 SF	\$200.32	\$128,205
Cat.11 Teaching Support					
◇	New Storage Area	New Construction	665 SF	\$116.10	\$77,207
Sub-Total Probable Construction Cost:					\$205,411

New Science Lab Relocatable

New science lab relocatable.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
◇	Science Classroom (1)	New Construction	1 EA	\$200,000.00	\$200,000
Sub-Total Probable Construction Cost:					\$200,000

Foothill High School

Measure G Probable Construction Cost



Furniture, Furnishings & Equipment

Furniture, Furnishings & Equipment cost is attributed to the Master Plan Student Enrollment Total.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
17. Furniture, Furnishings & Equipment					
	FFE for Student Enrollment				
x	\$250 Per Student	Modernization	525 EA	\$250.00	\$131,250
Sub-Total Probable FFE Cost:					\$131,250

Foothill High School

Introduction to the Master Plan Full Scope



This **Master Plan Full Scope** for **Foothill High School** is provided as a recommendation to the District for the scope of work to be performed under the Measure G bond and future funding for campus improvements. It is a result of the synthesis of information provided by the District, the Campus Steering Committees and the Master Plan consulting team. Measure G, as presented to the voters, contained a Bond Project List which lists projects for each school across the District. The District developed an **Executive Summary** which is a “scope of work planning guide” for the modernization of each school, which lists projects and assigns a priority and base cost for each project. Understanding that the funds supplied under Measure G will not provide for the completion of every project need across the District, the **Master Plan Full Scope** proposal includes all current and future campus improvement projects as set forth by the District.

In January of 2004 an extensive campus analysis was completed by Perkins and Will and its consulting team and was submitted to the District as the **Preliminary Needs Assessment**. The information within this report provides a framework for the Master Plan Full Scope campus projects. The criteria for the proposal included those items listed in the **Bond Project List** and the **District Executive Summary** along with requirements of the **California Building Code, Department of the State Architect (DSA)** and the campus **Steering Committees**.

The proposal includes a **Master Plan Full Scope Diagram** that provides a graphical representation of the proposed scope of work. The **Full Scope Probable Construction Cost Summary** identifies the main project categories and associated costs including project contingency and escalation amounts. The **Full Scope Phase I & Phase II Probable Construction Cost** is an itemized description of those projects that are to be completed as part of the first two phases of the Master Plan. The **Full Scope Probable Construction Cost** is an itemized description of those projects that are to be completed as part of the third phase of the Master Plan. It includes detailed descriptions of the work to be performed at each existing building, new construction project and site development project along with the anticipated costs for each item.

Foothill High School

Master Plan Full Scope Summary



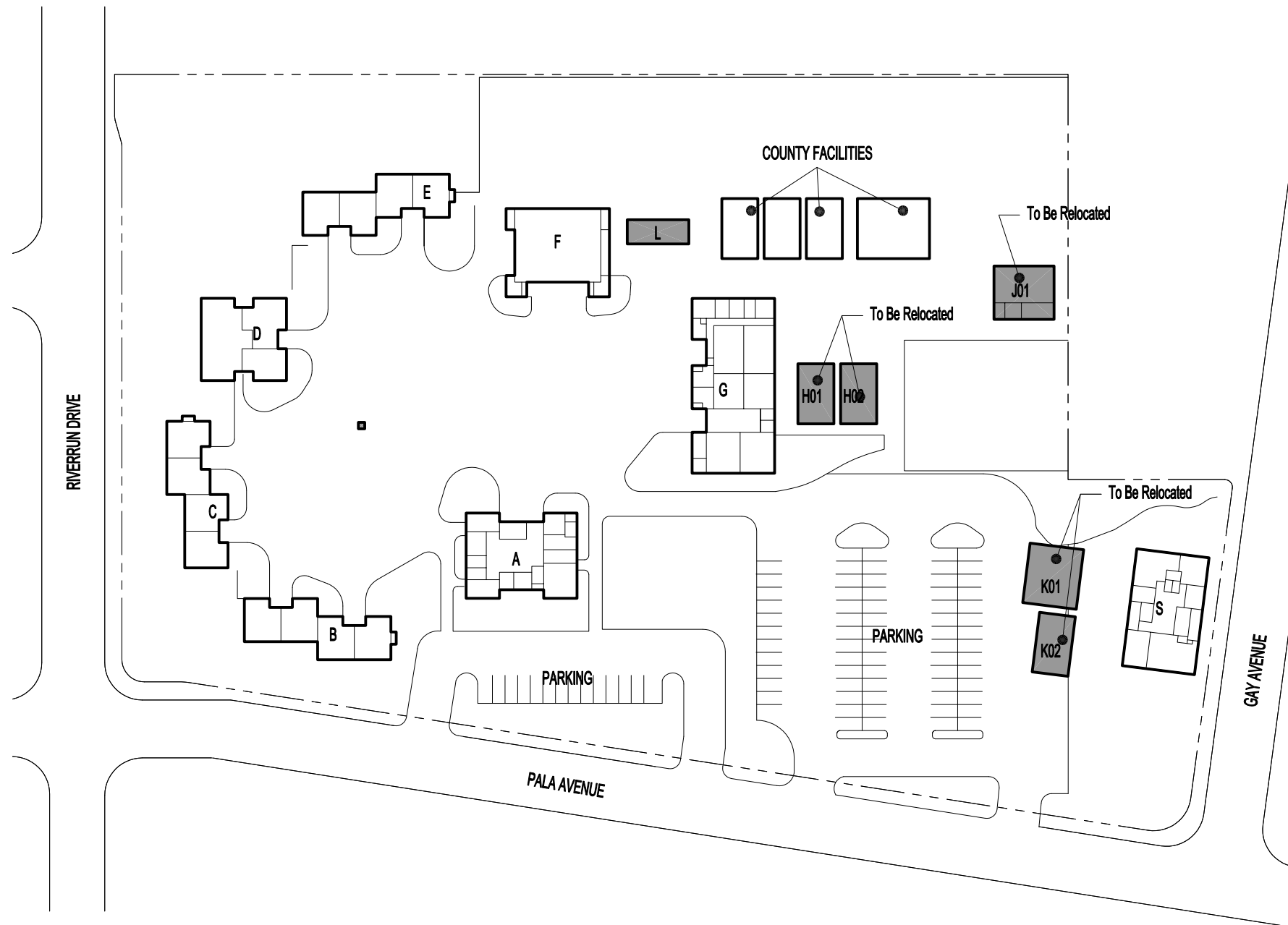
Master Plan Full Scope Project List:

- Campus wide Accessibility Upgrades
- Campus Security Surveillance & Alarm Upgrades
- Campus Security Lighting Upgrades
- New Campus Perimeter Site Fencing
- Existing Utilities Services Improvements
- New Utilities Services
- Technology Infrastructure & Equipment Upgrades
- Parking Lot Expansion
- Landscape & Irrigation Modernization
- Seismic Upgrade of Existing Structures
- Exterior Finishes Modernization
- Roofing Modernization
- New Storage & Restroom Facility Construction
- New Classroom/Lab Construction
- Existing Classroom/Lab Modernization
- New Science Relocatable
- New Small Gym/Multi-Purpose Construction
- Existing Library Modernization
- Existing Administration/Staff Services Modernization
- Furnishings and Equipment
- Building System Improvements (Mechanical, Plumbing, Electrical & Lighting)
- Exterior Paint Modernization
- Furnishings and Equipment

Full Scope Existing/Demolition Plan

Legend

- No Modernization Planned
- Modernization Completed
- Removal / Demolition
- Level 1 Modernization
- Level 2 Modernization
- Reconstruction
- New Construction
- Phase I or Phase II



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**Foothill
High School
Site Plan**

Date	March 15, 2004
Job Number	73103.052
Scale	N.T.S.
Sheet	FH-01

Full Scope Diagram



Legend

- No Modernization Planned
- Modernization Completed
- Removal / Demolition
- Level 1 Modernization
- Level 2 Modernization
- Reconstruction
- New Construction
- Phase I or Phase II

- 01 Relocated Buildings H01 & H02
- 02 New Small Gym/Multi-Purpose Building
- 03 Relocated Buildings K01 & K02
- 04 New Classroom Building
- 05 New Student Restrooms & Storage
- 06 New Perimeter Fencing
- 07 Existing County Facilities
- 08 Relocated Building J01
- 09 Modernized Planting and Irrigation
- 10 New Expanded Parking Lot
- 11 New Science Relocatable

*Building to be seismically upgraded



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**Foothill
High School
Site Plan**

Date	March 15, 2004
Job Number	73103.052
Scale	N.T.S.
Sheet	FH-02

Foothill High School

Full Scope Teaching Station Summary



Building	General Classrooms		Science Labs		Other Labs		Special Education	
	Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed
Building A (Administration)	-	-	-	-	-	-	-	-
Building B (Classrooms)	4	2	-	-	-	-	-	-
Building C (Classrooms)	4	2	-	-	-	-	-	-
Building D (Library)	-	-	-	-	2	0	-	-
Building E (Classrooms)	4	2	-	-	-	-	-	-
Building F (Multi-Purpose)	-	-	0	2	-	-	-	-
Building G (Classrooms & Counseling)	4	3	-	-	-	-	2	2
Building H01 & H02 (Classrooms)	-	-	-	-	-	-	-	-
Building J01 (Classrooms)	-	-	-	-	-	-	-	-
Building K01 & K02 (Family Learning Center)	-	-	-	-	-	-	-	-
Building L (Maintenance)	-	-	-	-	-	-	-	-
Building S (Child Care Center)	-	-	-	-	-	-	-	-
Subtotals	16	9	0	2	2	0	2	2
New Construction								
Classroom Building	-	6	-	-	-	-	-	-
Science Relocatable	-	-	-	1	-	-	-	-
Subtotals	0	6	0	1	0	0	0	0

Total Existing Teaching Stations: 20

Total Proposed Teaching Stations: 20

Foothill High School

Full Scope Probable Construction Cost Summary



Phase I Construction Cost **\$62,500**

Phase II Probable Construction Cost **\$215,401**

Off Site Developments: \$0
 On Site Developments: \$1,639,824
 Site Structures: \$0

Modernization/Reconstruction:

Building A (Administration)	\$312,876
Building B (Classrooms)	\$327,892
Building C (Classrooms)	\$328,241
Building D (Library)	\$530,444
Building E (Classrooms)	\$423,471
Building F (Multi-Purpose)	\$629,245
Building G (Classrooms & Counseling)	\$654,260
Building H01 & H02 (Classrooms)	\$44,000
Building J01 (Classrooms)	\$22,000
Building K01 & K02 (Family Learning Center)	\$53,000
Building L (Maintenance)	\$3,315
Building S (Child Care Center)	\$25,660

Subtotal: **\$3,354,404**

New Construction:

Classroom Building	\$1,095,000
Storage & Student Restrooms	\$205,411
Small Gym/Multi-Purpose	\$1,575,210
Science Lab Relocatable	\$200,000

Subtotal: **\$3,075,621**

Furniture, Furnishings, Equipment **\$332,543**

Subtotal Probable Construction Cost: **\$8,402,392**

Contingency (15% of Construction) **\$1,260,359**

Subtotal: **\$9,662,751**

Construction Cost Escalation/Market Condition (3 years @ 4% annually) **\$1,159,530**

District Priority Probable Construction Cost: **\$10,822,281**

Total Probable Construction Cost:	\$11,100,182
Allocated Construction Budget:	\$7,030,782
Balance of Funds:	(\$4,069,400)



Legend of Symbols

- ‡ Projects in process prior to Master Plan (District Generated)
- × Documented in the Measure G Bond Project List (may also be included in the Executive Summary)
- Documented in the Executive Summary, Bond Measures, School Safety and Student Success
- ▲ DSA required project
- ◇ Master Plan recommended project

Foothill High School

Full Scope Phase I & Phase II Probable Construction Cost



Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Phase I:					
Cat. 3 Recommended Building Improvements					
×	Roofing Building G		1 LS		TBD
Cat. 6 Teaching Stations					
‡	Classroom Renovation for Natural Light		1 LS		TBD
Cat. 10 Technology					
•	Upgrade Phone System Access Security		1 LS	\$5,000.00	\$5,000
•	Phone Software Upgrades		1 LS	\$14,000.00	\$14,000
•	Upgrade Attendant Station (Auto Attendant & Direct Station)		1 LS	\$9,000.00	\$9,000
‡	Upgrade Existing PA System		1 LS		TBD
•	Upgrade Existing CATV Network to Digital (with Comcast)		1 LS	\$25,000.00	\$25,000
‡	Replace Clocks with Wireless		1 LS	\$7,000.00	\$7,000
Cat. 14 General Building Improvements					
×	Paint Exterior of 2 Buildings		1 LS		TBD
‡	New Flooring		1 LS		TBD
×	New Windows-Building A Administration		1 LS	\$2,500.00	\$2,500

Phase I Construction Cost \$62,500

Phase II:

Cat. 1 Mandatory Code Compliance					
▲	Upgrade Fire Alarm System	Modern. (level 2)	1 LS	\$93,044.00	\$93,044
Cat. 4 Health					
	Restroom Modernizations				
×	Building A - Administration Staff (A19, A21 & A22)	Modern. (level 2)	146 SF	\$87.10	\$12,717
×	Building F - Multi-Purpose Student (F02 & F03)	Modern. (level 2)	162 SF	\$87.10	\$14,110
×	Building G - Classroom & Counseling Student (G14 & G15)	Modern. (level 2)	362 SF	\$87.10	\$31,530
					Sub-total Restroom Modernizations \$58,357
Cat. 5 Security					
	Security Fencing				
×	Site Perimeter 8' Ht. Chain Link Fencing	New Construction	1,025 LF	\$28.00	\$28,700

Phase II	\$180,101
Design Contingency @ 15%	\$27,015
Cost Escalation 1 Years @ 4%	\$8,285
Phase II Probable Construction Cost	\$215,401

Foothill High School

Full Scope Probable Construction Cost



District Priority Projects (DPP):

On- Site Developments

On Site Development includes perimeter site fencing, landscape and irrigation modernization as well as campus wide abatement and improvements to security, the utilities infrastructure, and technology.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 1 Mandatory Code Compliance					
▲	ADA Compliance for Site Accessibility	Reconstruction	1 LS	\$63,262.00	\$63,262
▲	* Allowance for Hazardous Material Abatement (Including Building B Asbestos)		24,348 SF	\$5.00	\$121,740
Cat. 5 Security					
×	Security Surveillance Cameras & DVR	Reconstruction	1 LS	\$30,000.00	\$30,000
◇	Security Alarm System	Modern. (level 1)	1 LS	\$3,997.00	\$3,997
◇	Security Exterior Lighting	Reconstruction	1 LS	\$34,875.00	\$34,875
Perimeter Site Fencing					
×	Campus Perimeter 6' Ht. District Standard Fencing	New	1,640 LF	\$65.00	\$106,600
Cat. 8 Demolition					
◇	Site Demolition		1 LS	\$25,000.00	\$25,000
Cat. 9 Utilities Infrastructure					
Existing Utilities Services Improvements					
◇	Electrical		1 LS	\$30,000.00	\$30,000
▲	Fire Service Water				
	6" PVC water line		1,420 LF	\$45.00	\$63,900
	6" DCDA with PIV & FDC		1 EA	\$1,200.00	\$1,200
	Fire hydrant		5 EA	\$750.00	\$3,750
	Connection to existing main line		1 EA	\$800.00	\$800
New Construction Utilities Services					
◇	Electrical		1 LS	\$50,000.00	\$50,000
◇	Gas				
	New connections & piping to serve 3 new bldgs				
	2" PVC gas line		610 LF	\$35.00	\$21,350
◇	Domestic Water				
	New valves & piping to serve 3 new bldgs				
	4" PVC water line		470 LF	\$40.00	\$18,800
	4" DCDA		1 EA	\$600.00	\$600
	4" gate valve		4 EA	\$250.00	\$1,000
	Water connection to existing main line		1 EA	\$800.00	\$800
▲	Fire Service Water				
	New PIVs and piping to serve 3 new bldgs				
	6" PVC water line		190 LF	\$45.00	\$8,550
	PIV		3 EA	\$400.00	\$1,200

Foothill High School

Full Scope Probable Construction Cost



◇	Sanitary Sewer				
	<i>New cleanouts & service lines to serve 3 new buildings</i>				
	6" PVC sewer pipe	320 LF		\$42.00	\$13,440
	6" sanitary sewer cleanout	3 EA		\$450.00	\$1,350
	Wye connection to existing main line	3 EA		\$500.00	\$1,500
◇	Storm Drain				
	<i>New area drains and piping to serve 3 new buildings</i>				
	6" PVC storm drain pipe	120 LF		\$40.00	\$4,800
	8" PVC storm drain pipe	220 LF		\$45.00	\$9,900
	10" PVC storm drain pipe	160 LF		\$50.00	\$8,000
	12" PVC storm drain pipe	270 LF		\$55.00	\$14,850
	Area drain	4 EA		\$500.00	\$2,000
Cat. 10 Technology					
x	Technology Infrastructure	Modern. (level 2)	1 LS	\$210,000.00	\$210,000
x	Data Network/Wireless Networking	Modern. (level 2)	1 LS	\$225,000.00	\$225,000
x	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$50,000.00	\$50,000
Cat. 16 General Site Improvements					
	Parking Lot Expansion	Reconstruction	34,500 SF	\$5.10	\$175,950
◇	Landscape & Irrigation Modernization	Reconstruction	1 LS	\$335,610.00	\$335,610
Sub-Total On-Site Development Construction Cost:					\$1,639,824

Foothill High School

Full Scope Probable Construction Cost



Building A - Administration

Existing area: 3,856 SF. The existing program includes (10) offices, staff restrooms, (2) storage areas, (1) data and (1) electrical room. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 3 Recommended Building Improvements					
◇	Roofing Modernizations, flat roof only	Modern. (level 2)	2,800 SF	\$5.75	\$16,100
×	Exterior Finishes Modernizations	Modern. (level 1)	1 LS	\$8,500.00	\$8,500
Cat. 13 Administration/Staff Services					
●	Administration/Staff Office	Modern. (level 1)	3,609 SF	\$51.09	\$184,384
Cat. 14 General Building Improvements					
×	HVAC System Modernization Provide new rooftop packaged gas/electric units	Modern. (level 1)	1 EA	\$80,000.00	\$80,000
×	Plumbing System Modernization Provide new Plumbing fixtures in the building	Modern. (level 2)	6 EA	\$3,500.00	\$21,000
◇	Electrical Distribution Modernization	Modern. (level 2)	3,856 SF	\$0.75	\$2,892
Sub-Total Probable Construction Cost:					\$312,876

Foothill High School

Full Scope Probable Construction Cost



Building B - Classrooms

Existing area: 2,635 SF. The existing program consists of (4) classrooms and (1) electrical room. The proposed program consists of (2) classrooms and (1) electrical room.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
•	General Classroom Modernization	Reconstruction	1,920 SF	\$128.17	\$246,086
Cat. 10 Technology					
×	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$45,000.00	\$45,000
Cat. 14 General Building Improvements					
×	Plumbing System Modernization Provide new condensate drain system	Reconstruction	1 LS	\$4,000.00	\$4,000
×	Electrical Distribution Modernization	Modern. (level 2)	2,635 SF	\$4.70	\$12,385
◇	Lighting Modernization	Modern. (level 1)	2,635 SF	\$7.75	\$20,421
Sub-Total Probable Construction Cost:					\$327,892

Building C - Classrooms

Existing area: 2,635 SF. The existing program consists of (4) classrooms and (1) electrical room. The proposed program consists of (2) classrooms and (1) electrical room.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
•	General Classroom Modernization	Reconstruction	1,920 SF	\$128.17	\$246,086
Cat. 10 Technology					
×	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$45,000.00	\$45,000
Cat. 14 General Building Improvements					
×	Plumbing System Modernization Provide new condensate drain system	Reconstruction	1 LS	\$4,000.00	\$4,000
×	Electrical Distribution Modernization	Modern. (level 2)	2,663 SF	\$4.70	\$12,516
◇	Lighting Modernization	Modern. (level 1)	2,663 SF	\$7.75	\$20,638
Sub-Total Probable Construction Cost:					\$328,241

Foothill High School

Full Scope Probable Construction Cost



Building D - Library

Existing area: 3,125 SF. The existing program includes (1) library and (2) computer labs. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 3 Recommended Building Improvements					
◇	Roofing Modernizations, flat roof only	Modern. (level 2)	990 SF	\$5.75	\$5,693
×	Exterior Finishes Modernizations	Modern. (level 1)	1 LS	\$3,250.00	\$3,250
Cat. 6 Teaching Stations					
Computer Lab					
•	Building D (D03 & D04)	Reconstruction	1,377 SF	\$144.69	\$199,238
Cat. 10 Technology					
×	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$18,000.00	\$18,000
Cat. 11 Teaching Support					
Library					
		Modern. (level 1)	1,517 LS	\$68.66	\$104,157
Cat. 14 General Building Improvements					
×	HVAC System Modernization				
	Provide new rooftop packaged heat pump units	Reconstruction	6 Ea	\$12,100.00	\$145,200
×	Plumbing System Modernization				
	Provide new condensate drain system	Reconstruction	1 LS	\$4,000.00	\$4,000
	Provide new Plumbing fixtures in the building	Reconstruction	3 Ea	\$4,000.00	\$12,000
×	Electrical Distribution Modernization	Modern. (level 2)	3,125 SF	\$4.70	\$14,688
◇	Lighting Modernization	Modern. (level 1)	3,125 SF	\$7.75	\$24,219
Sub-Total Probable Construction Cost:					\$530,444

Foothill High School

Full Scope Probable Construction Cost



Building E - Classrooms

Existing area: 2,663 SF. The existing program consists of (4) classrooms(1) dark room, and (1) electrical room. The proposed program consists of (2) classrooms and (1) electrical room.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
◇	Classroom/Labs Modernization/Reconstruction	Reconstruction	2,663 SF	\$128.17	\$341,317
Cat. 10 Technology					
×	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$45,000.00	\$45,000
Cat. 14 General Building Improvements					
×	Plumbing System Modernization				
	Provide new condensate drain system	Reconstruction	1 LS	\$4,000.00	\$4,000
×	Electrical Distribution Modernization	Modern. (level 2)	2,663 SF	\$4.70	\$12,516
◇	Lighting Modernization	Modern. (level 1)	2,663 SF	\$7.75	\$20,638
Sub-Total Probable Construction Cost:					\$423,471

Building F - Multi-Purpose (Hooper Hall)

Existing area: 3,298 SF. The existing program includes (1) assembly area, (1) food service/vending machine area, (4) storage rooms, and student restrooms. The proposed program will include (2) science labs.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
	Classroom/Labs Modernization/Reconstruction	Reconstruction	2,814 SF	\$198.36	\$558,185
Cat. 10 Technology					
×	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$9,000.00	\$9,000
Cat. 14 General Building Improvements					
×	Plumbing System Modernization				
	Provide new condensate drain system.	Reconstruction			
	Provide new Plumbing fixtures in the building	Reconstruction	6 Ea	\$3,500.00	\$21,000
×	Electrical Distribution Modernization	Modern. (level 2)	3,298 SF	\$4.70	\$15,501
◇	Lighting Modernization	Modern. (level 1)	3,298 SF	\$7.75	\$25,560
Sub-Total Probable Construction Cost:					\$629,245

Foothill High School

Full Scope Probable Construction Cost



Building G - Classrooms & Counseling

Existing area: 6,109 SF. The existing program includes (6) classrooms, (3) educational support spaces, (5) offices, student restrooms, and service/storage rooms. The proposed program includes (5) classrooms, student restrooms, and service/storage rooms. Seismic upgrades should be coordinated with Phase 2 projects.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 2 Recommended Safety Improvements					
	Seismic Upgrades				
◇	Building G - Classroom Replace decayed siding		1 LS	\$33,500.00	\$33,500
Cat. 3 Recommended Building Improvements					
×	Exterior Finishes Modernizations	Modern. (level 1)	1 LS	\$13,250.00	\$13,250
Cat. 4 Health					
	Restrooms	Included in Ph. I/II	495 SF	N/A	N/A
Cat. 6 Teaching Stations					
×	General Classroom Modernization	Modern. (level 2)	4,800 SF	\$87.11	\$418,128
Cat. 10 Technology					
×	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$63,000.00	\$63,000
Cat. 13 Administration/Staff Services					
	Custodian/storage	Modern. (level 2)	624 SF	\$55.90	\$34,882
Cat. 14 General Building Improvements					
×	HVAC System Modernization				
	Provide new rooftop packaged gas/electric unit	Modern. (level 2)	5 EA	\$18,000.00	\$90,000
×	Plumbing System Modernization				
	Provide new condensate drain system	Modern. (level 2)	1 LS	\$1,500.00	\$1,500
Sub-Total Probable Construction Cost:					\$654,260

Foothill High School

Full Scope Probable Construction Cost



Relocatable Building H01 & H02 - Classrooms

Existing area: 1,920 SF. Relocatable Buildings H01 & H02 are to be relocated. The existing program includes (1) general classroom and (1) safety office. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
	• General Classroom Relocation	Relocation	1 EA	\$20,000.00	\$20,000
Cat. 8 Demolition					
	Relocatable Demolition/Removal				
	• Buildings H01 & H02		2 EA	\$2,000.00	\$4,000
Cat. 13 Administration/Staff Services					
	• Safety Office	Relocation	1 EA	\$20,000.00	\$20,000
Sub-Total Probable Construction Cost:					\$44,000

Relocatable Building J01 - Classrooms

Existing area: 1,400 SF. Relocatable Buildings J01 is to be relocated. The existing program includes (2) offices and (1) Independent Study classroom. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
	× General Classroom Relocation	Relocation	1 EA	\$10,000.00	\$10,000
Cat. 8 Demolition					
	Relocatable Demolition/Removal				
	• Buildings J01		1 EA	\$2,000.00	\$2,000
Cat. 13 Administration/Staff Services					
	• Offices	Relocation	1 EA	\$10,000.00	\$10,000
Sub-Total Probable Construction Cost:					\$22,000

Foothill High School

Full Scope Probable Construction Cost



Relocatable Building K01 & K02 - Family Learning Center

Existing area: 1,920 SF. Relocatable Buildings K01 & K02 are to be relocated. Existing program includes (2) classrooms. Proposed program includes (2) classrooms.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 8 Demolition					
	Relocatable Demolition/Removal				
	• Buildings K01 & K02		2 EA	\$2,000.00	\$4,000
Cat. 10 Technology					
	× Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$9,000.00	\$9,000
Cat. 13 Administration/Staff Services					
	• Family Learning Center	Relocation	2 EA	\$20,000.00	\$40,000
Sub-Total Probable Construction Cost:					\$53,000

Building L - Maintenance

Existing area: 6,109 SF. Building L will be demolished. The existing program includes storage for groundskeeping equipment. The new Restroom & Maintenance Building will replace the storage space.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 8 Demolition					
	◇ Building Demolition		663 SF	\$5.00	\$3,315
Sub-Total Probable Construction Cost:					\$3,315

Building S - Child Care Center

Existing area: 3,809 SF. The existing program includes (4) offices, (8) childcare spaces, (2) storage rooms, and staff restrooms. The proposed program includes the same spaces.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 3 Recommended Building Improvements					
	◇ Roofing Modernizations, flat roof only	Modern. (level 2)	3,800 SF	\$5.75	\$21,850
Cat. 14 General Building Improvements					
	× Paint @ Exterior	Modern. (level 1)	3,048 SF	\$1.25	\$3,810
Sub-Total Probable Construction Cost:					\$25,660

Foothill High School

Full Scope Probable Construction Cost



New Classroom Building

New classroom building for enlargement of (6) undersized classrooms.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
New Construction for Enlargement of Undersized Classrooms					
◇	General Classrooms (6)	New Construction	5,760 SF	\$175.00	\$1,008,000
	Teaching Station Area Net/Gross Area Factor		240 SF	\$175.00	\$42,000
Cat. 10 Technology					
x	Educational Technology End-use Equipment	Modern. (level 2)	1 LS	\$45,000.00	\$45,000
Sub-Total Probable Construction Cost:					\$1,095,000

New Small Gym/Multi-Purpose Building

New Small Gym/Multi-Purpose Building.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 11 Teaching Support					
	Small Gymnasium	New Construction	6,500 SF	\$242.34	\$1,575,210
Sub-Total Probable Construction Cost:					\$1,575,210

Foothill High School

Full Scope Probable Construction Cost



New Storage & Student Restroom Building

New building to replace Building L and provide student restrooms.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 4 Health					
Restroom New Construction					
▲	Student Restrooms	New Construction	640 SF	\$200.32	\$128,205
Cat.11 Teaching Support					
◇	New Storage Area	New Construction	665 SF	\$116.10	\$77,207
Sub-Total Probable Construction Cost:					\$205,411

New Science Lab Relocatable

New science lab relocatable.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
Cat. 6 Teaching Stations					
◇	Science Classroom (1)	New Construction	1 EA	\$200,000.00	\$200,000
Sub-Total Probable Construction Cost:					\$200,000

Foothill High School

Full Scope Probable Construction Cost



Furniture, Furnishings & Equipment

Furniture, Furnishings & Equipment cost is to be included with all new construction. An FFE cost is also attributed to the Master Plan Student Enrollment Total.

Category	Project Detail	Construction Category	Quantity	Unit Cost	Construction Cost
17. Furniture, Furnishings & Equipment					
	FFE for New Classroom Building				
x	7% of New Construction	New Construction	7 %	\$1,095,000	\$76,650
	FFE for New Small Gym/Multi-Purpose Bldg.				
x	7% of New Construction	New Construction	7 %	\$1,575,210	\$110,265
	FFE for New Storage & Restroom Building				
x	7% of New Construction	New Construction	7 %	\$205,411	\$14,379
	FFE for Student Enrollment				
x	\$250 Per Student	Modernization	525 EA	\$250.00	\$131,250
Sub-Total Probable FF&E Cost:					\$332,543

Foothill High School



Construction Category Descriptions: *Administration*

Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace cabinets and counters
 - Remove and replace whiteboards, tackboards, and other attached equipment
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including Fire alarm System
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment
- Exclusions
 - Hazardous material abatement

Foothill High School



Construction Category Descriptions: *Administration*

- Furniture, fixtures and equipment
- Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Construction Category Descriptions: *Art Laboratories*



Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace cabinets
 - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment
- Exclusions
 - Hazardous material abatement

Foothill High School

Construction Category Descriptions: *Art Laboratories*



- Furniture, fixtures and equipment
- Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School



Construction Category Descriptions: *Computer Laboratories*

Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace cabinets
 - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment
- Exclusions
 - Hazardous material abatement

Foothill High School

Construction Category Descriptions: *Computer Laboratories*



- Furniture, fixtures and equipment
- Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School



Construction Category Descriptions: *General Classrooms*

Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace cabinets
 - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment
- Exclusions
 - Hazardous material abatement

Foothill High School



Construction Category Descriptions: *General Classrooms*

- Furniture, fixtures and equipment
- Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Construction Category Descriptions: *Gymnasium*



Modernization Level 1

- Architectural
 - Remove and replace ceiling finishes
 - Refinish athletic flooring
 - Remove and replace bleacher seating
 - Remove and replace doors and hardware
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks and faucets
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and replace athletic flooring
 - Remove and replace attached sports equipment
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Foothill High School

Construction Category Descriptions: *Gymnasium*



New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology

- Includes grading, services & utilities within 5 feet

- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Construction Category Descriptions: *Library*



Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace projection screens and other attached equipment
 - Remove and replace cabinets and book shelves
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm systems
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade/upgrade IDF Room and upgrade equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment
- Exclusions
 - Hazardous material abatement

Foothill High School

Construction Category Descriptions: *Library*



- Furniture, fixtures and equipment
- Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Construction Category Descriptions: *Locker Rooms*



Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace cabinets
 - Remove and replace lockers and benches
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system
- Electrical

- Includes scope of Modernization Level 1
- Remove and replace 50% of conduits and wiring
- Remove and replace panel boards in same location
- Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical &

Foothill High School

Construction Category Descriptions: *Locker Rooms*



Plumbing, Electrical and Technology

- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School



Construction Category Descriptions: *Locker Room Shower Areas*

Modernization Level 1

- Architectural
 - Remove and replace floor, wall and ceiling finishes
 - Remove and replace doors and hardware
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks and faucets
 - Replace shower heads and controls
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system
- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring

- Remove and replace panel boards in same location
- Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology

Foothill High School

Construction Category Descriptions: *Locker Room Shower Areas*



- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School



Construction Category Descriptions: *Multi-Purpose Spaces*

Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace projection screens and other attached equipment
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system
- Electrical

- Includes scope of Modernization Level 1
- Remove and replace 50% of conduits and wiring
- Remove and replace panel boards in same location
- Remove and replace 50% of special low voltage systems including fire alarm systems
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade/upgrade IDF Room and upgrade equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment

Foothill High School

Construction Category Descriptions: *Multi-Purpose Spaces*



- Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Construction Category Descriptions: *Music Laboratories*



Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace cabinets
 - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location
 - Remove and replace 50% of plumbing system

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment
- Exclusions
 - Hazardous material abatement

Foothill High School



Construction Category Descriptions: *Music Laboratories*

- Furniture, fixtures and equipment
- Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Construction Category Descriptions: *Nutrition Services*



Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace cabinets and counters
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace hand sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace equipment hoods
 - Remove and replace mechanical package units in same location
 - Remove and replace all other plumbing fixtures and 50% of plumbing system

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm systems
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade IDF equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace all plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment
- Exclusions
 - Hazardous material abatement

Foothill High School

Construction Category Descriptions: *Nutrition Services*



- Furniture, fixtures and equipment
- Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Construction Category Descriptions: *Restrooms*



Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace toilet partitions
 - Remove and replace mirrors, air dryers, soap and towel dispensers, trash receptacles, etc.
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks and faucets
 - Replace toilets and urinals
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and relocate toilets, urinals and sinks
 - Remove and replace 50% of plumbing system
 - Remove and replace ducting
 - Remove and replace mechanical package units in same

location

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm systems
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - None
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Foothill High School

Construction Category Descriptions: *Restrooms*



New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Construction Category Descriptions: *Science Laboratories*



Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace cabinets
 - Remove and replace whiteboards, tackboards, projection screens and other attached equipment
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Remove and replace fume hoods
 - Remove and Replace sinks and faucets
 - Remove and replace gas valves
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same location

- Remove and replace 50% of plumbing system

- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment

Foothill High School

Construction Category Descriptions: *Science Laboratories*



- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Construction Category Descriptions: *Theater*



Modernization Level 1

- Architectural
 - Remove and replace floor and ceiling finishes
 - Remove and replace doors and hardware
 - Remove and replace cabinets
 - Remove and replace theater seating
 - Remove and replace projection screens and other attached equipment
 - Remove and replace stage rigging, curtains and equipment
 - Interior paint
- Structural
 - None
- Mechanical & Plumbing
 - Replace registers and grilles
 - Replace sinks, faucets and drinking fountains
 - Relocate thermostats to meet ADA requirements
- Electrical
 - Replace light fixtures
 - Replace theatrical light fixtures
 - Relocate outlets and switches to meet ADA requirements
 - Replace fire alarm system devices
- Technology
 - Relocate jacks to meet ADA requirements
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

Modernization Level 2

- Architectural
 - Includes scope of Modernization Level 1
 - Remove and relocate up to 50% of interior non-bearing partitions
 - Remove and replace 50% of interior wall finish
 - Remove and replace roofing
 - Exterior paint
- Structural
 - None
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1
 - Remove and replace ducting
 - Remove and replace mechanical package units in same

- location
 - Remove and replace 50% of plumbing system
- Electrical
 - Includes scope of Modernization Level 1
 - Remove and replace 50% of conduits and wiring
 - Remove and replace panel boards in same location
 - Remove and replace 50% of special low voltage systems including fire alarm system
- Technology
 - Includes scope of Modernization Level 1
 - Remove and replace outdated cabling or add cabling
 - Upgrade/expand IDF Room and upgrade equipment
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology wireless networking and end-user equipment

Reconstruction

- Architectural
 - Includes scope of Modernization Level 1 & 2
 - Remove and relocate interior non-bearing partitions
 - Remove and replace interior finish
 - Remove and replace exterior finish
 - Remove, relocate and replace windows
 - Remove, relocate and replace doors
- Structural
 - Upgrade and provide additional shear walls
 - Upgrade and provide additional roof structure support
 - Upgrade and provide additional footings and foundation
- Mechanical & Plumbing
 - Includes scope of Modernization Level 1 & 2
 - Remove, relocate and replace mechanical system
 - Remove, relocate and replace plumbing system
- Electrical
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace conduits and wiring
 - Remove, relocate and replace panel boards
 - Remove and replace special low voltage systems
- Technology
 - Includes scope of Modernization Level 1 & 2
 - Remove and replace cabling
 - Remove, relocate and replace IDF Room and equipment

Foothill High School

Construction Category Descriptions: *Theater*



- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment

New Construction

- Includes full scope of Architectural, Structural, Mechanical & Plumbing, Electrical and Technology
- Includes grading, services & utilities within 5 feet
- Exclusions
 - Hazardous material abatement
 - Furniture, fixtures and equipment
 - Technology end-user equipment
 - Grading, services & utilities beyond 5 feet
 - Landscape and paving

Foothill High School

Errata/Revision History



The following are changes and corrections made to the Master Plan after District approval: