

Category	FMP #	Priority Level	Dependency	Category*	Description of FOOTHILL - SUNNYVALE Projects	Proposed Budget	Notes
<b>BOND REQUIRED</b>							
	71	I a		Infrastructure Bond	Environmental Impact Report	\$500,000	Could be part district-wide assessment and not charged to Foothill - discuss at Bond Leadership Team.
	72	I b		Infrastructure Bond	Swing Space (Not FF&E)	\$1,000,000	Are there any current vacant facilities that can be used that may save some \$\$ . For bond at this scale - recommend \$3 - \$5 million. (\$100,000 per portable with infrastructure in place - meaning electrical, data, fire alarm exists. There is additional costs for water/sewer and restroom facilities.) Location for portable depends on user groups (is it faculty/staff; bond staff; etc.); proximity to campus needs?; could look at parking lot 4 across from KCI (where print shop is currently located) for options; could look at tennis court locations for bond team; look at vacant dean offices.
	New	I c	FCA	Infrastructure Bond	Facility Conditions Assessment (FCA)	TBD	Could be part district-wide assessment and not charged to Foothill - discuss at Bond Leadership Team.
			EMP	Infrastructure Bond	Energy Master Plan (EMP)	TBD	Could be part district-wide assessment and not charged to Foothill - discuss at Bond Leadership Team.
<b>BOND REQUIRED CATEGORY TOTAL</b>						<b>\$1,500,000</b>	
<b>INFRASTRUCTURE</b>							
<b>Planning</b>							
			FCA & EMP	Infrastructure	Routing plan for distribution - based on Facilities Conditions Assessment & Energy Master Plan		Investigation of how to implement the infrastructure projects - rerouting distribution systems for utilities (determining pathways and how to ensure that the Phasing of the projects can ensure campus can continue to be used) - what is the 10-15 year plan. Re-routing lends itself to better serve the campus.
<b>Heating &amp; Cooling</b>							
A	59, 65 & 66	II a	FCA & EMP	Infrastructure	Campus-wide Mechanical Systems Replacement, Central Plant Upgrades & Modifications	\$12,500,000	Prioritization depending on Facility Conditions Assessment; Dependency on the Energy Master Plan. Phasing of actual work will be another critical component (over a number of years). If new pathways are established - could be dependent on ADA Transition Plan (where removal of concrete/asphalt would be part of the work).
A	60	I f	FCA & EMP	Infrastructure	Campus-wide HVAC Repairs/Replacement. HVAC piping/line replacement.	\$12,500,000	Prioritization depending on Facility Conditions Assessment; Dependency on the Energy Master Plan. Phasing of actual work will be another critical component (over a number of years). If new pathways are established - could be dependent on ADA Transition Plan (where removal of concrete/asphalt would be part of the work).
A	61	I d	FCA & EMP		Boiler Repairs/Replacement - Campus wide		Prioritization depending on Facility Conditions Assessment; Dependency on the Energy Master Plan. Phasing of actual work will be another critical component (over a number of years). If new pathways are established - could be dependent on ADA Transition Plan (where removal of concrete/asphalt would be part of the work).
A	46	II f	FCA	Infrastructure	Hydronic Line Repair & Replacement. Replace original piping as needed, remove and replace ACM (asbestos containing material) insulation throughout.	\$10,000,000	(Part of distribution touching the boilers/BMS/utilities). Prioritization depending on Facility Conditions Assessment; Dependency on the Energy Master Plan. Phasing work will be concern that has to be carefully planned.
A	52	II d	FCA & EMP	Infrastructure	Replace Building Management System (BMS) Campus-wide	\$10,000,000	Prioritization depending on Facility Conditions Assessment; Dependency on the Energy Master Plan
<b>Gas Service</b>							
A	67	II b	FCA & EMP	Infrastructure	Natural Gas Service & Distribution	\$4,000,000	Could be combined with other underground work (overall phasing plan).
<b>Electrical &amp; Data Systems</b>							
A	68	II c	FCA & EMP	Infrastructure	Electrical Systems Replacement & Repair- Campus-wide (motor control centers, panels, subpanels, transformers, switches)	\$10,000,000	If electrification for HVAC (Boilers & Chillers) happens; upgrades to electrical distribution will be required. Could be combined with other underground work (overall phasing plan).
<b>Storm &amp; Sewer</b>							
A	44	II h	FCA	Infrastructure	Sewer Systems Replacement and Upgrades (Storm and Sanitary)	\$6,000,000	Could be combined with other underground work (overall phasing plan).
<b>Water Systems</b>							

A	45 & 58	II e	FCA	Infrastructure	Domestic Water Line Renovation	\$5,000,000	Could be combined with other underground work (overall phasing plan).
A	41k & 49	II g	FCA	Infrastructure	Irrigation System Repair & Replacement	\$2,000,000	
<b>Energy &amp; Sustainability</b>							
A	51	II s	EMP	Infrastructure	Photovoltaic (PV) System Component Replacement.	\$2,500,000	Dependent on the Energy Master Plan
A	53	II q	EMP	Infrastructure	Energy Storage	TBD	Dependent on the Energy Master Plan
A	43	III a	FCA & EMP	Infrastructure	Repair parking lots & install electric vehicle (EV) charging	\$6,000,000	Dependent on the Energy Master Plan
<b>Buildings, Roofs &amp; Misc.</b>							
A	64	II r	FCA	Infrastructure	Building Upgrades & Repairs	\$3,000,000	
A	50	II x	FCA	Infrastructure	Building Exterior Repair and Painting	\$2,500,000	
A	48 & 63	I e	FCA	Infrastructure	Campus-wide Roof Repair & Replacement	\$20,000,000	Prioritization depending on Facility Conditions Assessment.
A	54	III a	FCA	Infrastructure	Krause Center for Innovation (KCI) Roof	TBD	Dome coloring
A	41c	III c		Infrastructure	Renovate the Small Gym and Fitness Center	\$4,000,000	Low Priority
A	62	II w	FCA	Infrastructure	Utility Vault Repairs & Modifications	TBD	(Part of distribution touching the boilers/BMS/utilities). Prioritization
<b>INFRASTRUCTURE CATEGORY TOTAL</b>						<b>\$110,000,000</b>	
<b>BUILDING REPLACEMENT</b>							
B	2	I k		Building Replacement	Employee/Student Housing Complex including Childcare feasibility and site location	\$250,000	Keep options open for both on campus and off campus housing
B	2	I k		Building Replacement	Employee/Student Housing Complex including Childcare (partial design and construction)	\$1,000,000	Keep options open for both on campus and off campus housing
<b>BUILDING REPLACEMENT CATEGORY TOTAL</b>						<b>\$1,250,000</b>	
<b>ACCESSIBILITY &amp; SAFETY</b>							
<b>Accessibility</b>							
C	32	I n		Accessibility & Safety	Campus-wide ADA access enhancements, Stadium ADA Improvements	\$9,000,000	
	41 g	I n			Remodel ADA compliance of the football field/stadium: ADA accessibility at Eastside seating		
	42	I g			Gender Neutral Restrooms		HIGH Priority
	30, 31, & 34	I n		Accessibility & Safety	Site Access and Wayfinding Improvements - Upper and Lower Campus Connections	\$8,000,000	Higher Priority - Pathways/walkways up to campus (Lot 5/6 entry)
C	4	III d			Renovate, enhance, and improve accessibility of the walkway from the Student Services building to the upper campus.		From Lower Campus complex (steep drive) up to center of campus; and also includes look at adding connection pathway between 8200 & 8600.
C	29	I m			Build an outdoor garden classroom for science classes on the hillside between buildings 8200 & 8600 and develop a walkway connection between the two buildings. ADA is a primary concern here		ADA pathway development with outdoor classroom.
C	37	II u		Accessibility & Safety	Campus Roadway Modifications, ADA Pathway Revisions, and Traffic/Circulation Improvements	\$7,000,000	
	26	II p			Review elevator access, repair western entry at lot 5/6 & path south of building 5200		
C	41a	II o	FCA	Accessibility & Safety	Pool facility improvements - ADA upgrading, fencing, handrails, land scaping	\$4,000,000	
C	3 & 35	I p		Accessibility & Safety	Improve signage and wayfinding (Campuswide)	\$3,500,000	
C	40	II n		Accessibility & Safety	Smithwick Theatre ADA Upgrades	\$7,500,000	HIGHER PRIORITY: Timing on work depends on De Anza Event Center.
<b>SAFETY</b>							
	39 & 56	I o	EMP	Accessibility & Safety	Campus-wide Lighting Improvements	\$2,000,000	Exterior Pathway Lights (new head/LED); controls?
C	57	II i	FCA	Accessibility & Safety	Fire Water System/Line Replacement	\$12,000,000	Priority depends on Facilities Conditions Assessment.
C	69 & 70	II m	FCA	Accessibility & Safety	Fire Alarm & Suppression System Upgrades & Modifications	\$5,500,000	Priority depends on Facilities Conditions Assessment.
<b>ACCESSIBILITY &amp; SAFETY CATEGORY TOTAL</b>						<b>\$58,500,000</b>	
<b>TECHNOLOGY</b>							
D	14, 27 & 41f			Technology that Supports Education	Furniture, Fixture & Equipment	\$3,000,000	
D	17			Technology that Supports Education	Data lines, connectivity/outlets in classrooms, labs, and instructional and student support spaces	\$2,750,000	
D	17	I h		Technology that Supports Education	Campus WIFI connectivity	\$2,000,000	HIGHER Priority
D	23, 24 & 25			Technology that Supports Education	Multimedia Refresh-renovate classrooms and conference rooms with upgraded video-teleconferencing capabilities	\$3,200,000	Funding Should come from ETS/District Bond funds
<b>TECHNOLOGY THAT SUPPORTS EDUCATION TOTAL</b>						<b>\$10,950,000</b>	
<b>INSTRUCTIONAL SUPPORT</b>							

E	5 & 9	I i		Instructional and student support facilities modernization	Renovate and expand TLC & STEM Success Centers	\$2,000,000	Includes the "atrium" space between 3500 & 3600 (could be accessibility) - HIGH PRIORITY. Dependent on ADA Transition Plan. Covering the area to be usable space (interior use)? Look at cost impact if buildings could be "joined" with a structure? Existing conditions do not lend itself to be used often (too warm/too much sun)
E	10, 11, 15, & 22	II k		Instructional and student support facilities modernization	Renovate and expand Student, Instruction and Student Support Areas	\$5,000,000	(Look at line 60 as well); HIGH PRIORITY / HIGH VISIBILITY. Currently located in bio-health location; 5200. Look at prior work of the group that utilized Design Thinking model. Dependent on finding alternative space for ETS. Opportunity to use space as an instructional and/or student support area. STUDENT NEEDS. Is there a way to get this close to parking/bus (for laundry)? Equity - what location would be a great location for this type of gathering spot? Coffee Shop & Store - considerations with other vendor contracts need to be included in discussion.
	6	II k	Student and Faculty Support Center - find a permanent location; include reception area, lobby, and open floor concept with offices and meeting areas for deans and support staff.				
E	19	II k	Building 5800 - following the relocation of ETS, re-purpose building to support college programs and services for student				
E	21	II v	Develop a multi-use space that includes a Foothill Store, coffee shop, and student study and laundry area				
E	13	I j	Instructional and student support facilities modernization	Expand and improve existing classroom facilities	\$1,200,000	Dependent on Facilities Conditions Assessments Could trigger ADA upgrades; abatement; painting; motorized dome controls. (Might fall into FFE for some of the items.) HIGH VISIBILITY HIGH VISIBILITY; HIGHER PRIORITY - Equipment & Devices get brought up to date; but the space needs renovations	
E	8	II t		Observatory - upgrades and repairs to automate the dome and telescope to enhance classes that use the facility			
E	16	III f		Improve and enhance existing Makersspace classroom			
E	1, 12, 28 & 33	II j		Expand and improve existing open spaces, plazas, outdoor teaching areas, add benches/tables/seating			
E	7	II l		Allied Health Program expansion and renovations			
	41j	III b	Instructional and student support facilities modernization	Smithwick and Lohman Theatre - New Audio Systems	\$2,700,000	New Projection Screens were put in. Need to verify the audio system work needed. The ADA & Seats - Smithwick - needs to be looked at. ETS/Sharon & Bill M. for discussion. DEPENDENT on the De Anza Event Center.	
<b>PE Facilities</b>							
E	41a	II o	FCA	Instructional and student support facilities modernization	Pool renovation	\$4,000,000	Pool - leak detection study need/ADA upgrades - higher looking at hot water concerns in restrooms & pool. Dependent on the overall system review (tie back into the boilers and distribution) & Facilities Conditions Assessment.
E	41b	I l	FCA	Instructional and student support facilities modernization	Pool Locker room renovations, restroom improvements and add gender neutral restrooms	\$12,000,000	HIGHER PRIORITY - Gender Neutral RR & Gender Neutral Changing Areas inside the locker rooms. ADA upgrades - higher looking at hot water concerns in restrooms & pool. Dependent on the overall system review (tie back into the boilers and distribution) & Facilities Conditions Assessment. (Locker Room renovations were around 2003)
<b>INSTRUCTIONAL SUPPORT CATEGORY TOTAL</b>						<b>\$26,900,000</b>	
<b>Construction Total</b>						<b>\$209,100,000</b>	
<b>Minimum Overhead (25%)</b>						<b>\$52,275,000</b>	
<b>Escalation to Mid-Point (Bond X at 2018 to 2028 is 2023, times 3%/yr)</b>						<b>\$41,630,261</b>	<b>Review escalation cost to current rates</b>
<b>TOTAL</b>						<b>\$303,005,261</b>	

- Categories\*
- A Infrastructure
  - B Building Replacement
  - C Accessibility & Safety
  - D Technology that supports education
  - E Instructional and student support facilities modernization

**Note:**  
The bond project list is subject to change based on college priorities and funding levels.  
We are expecting to see a revision of the estimated budget, which will be lower than the \$303,005,261 amount shown.