Category	FMP#	Priority Level	Dependancy	Category*	Description of FOOTHILL - SUNNYVALE Projects	Proposed Budget	Notes
	71	l 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	lb		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	l 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.
				BOND REQUIRED CATEGORY TOTAL		\$1,500,000	
				INFRASTRUCTURE			
					Planning		
			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.
Heating & Cooling							
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; Dependancy 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	lf	FCA & EMP	Moderator	Campus-wide HVAC Repairs/Replacement. HVAC piping/line replacement.	\$40.500.000	Prioritization depending on Facility Conditions Assessment; Dependancy 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	l d	FCA & EMP	Infrastructure	Boiler Repairs/Replacement - Campus wide	\$12,500,000	Prioritization depending on Facility Conditions Assessment; Dependancy 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).
А	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	
A	52	II d	FCA & EMP	Infrastructure	Replace Building Management System (BMS) Campus-wide	\$10,000,000	Prioritization depending on Facility Conditions Assessment; Dependancy on the Energy Master Plan
Gas Service							
А	67	II b	FCA & EMP	Infrastructure	Natural Gas Service & Distribution	\$4,000,000	Could be combined with other underground work (overall phasing plan).
				Electr	ical & Data Systems		
А	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).
Storm & Sewer							
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).
A	45 & 58	II e	FCA	Infrastructure	Water Systems   Domestic Water Line Renovation	er 000 000	
.,	.5 % 00		. 7/1	acaucture	Take End (Constitution)	\$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	
					gy & Sustainability		
A	51	ll 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
Α	43	III a	FCA & EMP	Infrastructure	Repair parking lots & Install Electric Vehicle (EV) charging stations	\$6,000,000	Dependent on the Energy Master Plan
				Buildi	ngs, Roofs & Misc.		
Α	64	ll r	FCA	Infrastructure	Building Upgrades & Repairs	\$3,000,000	
A	50	ll x	FCA	Infrastructure	Building Exterior Repair and Painting	\$2,500,000	
A	48 & 63	l e	FCA	Infrastructure	Campus-wide Roof Repair & Replacement	\$20,000,000	Prioritization depending on Facility Conditions Assessment.
A	54	l e	FCA	Infrastructure	Krause Center for Innovation (KCI) Roof	TBD	Dome coloring
Α	41c	III c		Infrastructure	Renovate the Small Gym and Fitness Center	\$4,000,000	Low Priority
Α	62	ll w	FCA	Infrastructure	Utility Vault Repairs & Modifications	TBD	(Part of distribution touching the boilers/BMS/utilities). Prioritization
				INFRASTRUCTURE CATEGORY TOTAL		\$110,000,000	
				BUILDING REPLACEMENT			
В	2	l 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
В	2	l 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
				BUILDING REPLACEMENT CATEGORY TOTAL		\$1,250,000	
				ACCESSIBILITY & SAFETY			
					Accessiblity		
С	32	l n			Campus-wide ADA access enhancements, Stadium ADA Improvements		
	41 g	l n		Accessibility & Safety	Remodel ADA compliance of the football field/stadium: ADA accessibility at Eastside seating	\$9,000,000	
	42	l g			Gender Neutral Restrooms		HIGH Priority
	30, 31, & 34	l n			Site Access and Wayfinding Improvements - Upper and Lower		
	30, 31, & 34	111			Campus Connections		Higher Priority - Pathways/walkways up to campus (Lot 5/6 entry)
С	4	III d		Accessibility & Safety	Renovate, enhance, and improve accessibility of the walkway from the Student Services building to the uper campus.	\$8,000,000	From Lower Campus complex (steep drive) up to center of campus; and also includes look at adding connection pathway between 8200 & 8600.
С	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.
С	37	II u		Acceptability 9 Cofety	Campus Roadway Modifications, ADA Pathway Revisions, and Traffic/Circulation Improvements	\$7,000,000	
	26	II p		Accessibility & Safety	Review elevator access, repair western entry at lot 5/6 & path south of building 5200	\$7,000,000	
С	41a	II o	FCA	Accessibility & Safety	Pool facility improvements - ADA upgrading, fencing, handrails, land scaping	\$4,000,000	
С	3 & 35	l p		Accessibility & Safety	Improve signage and wayfinding (Campuswide)	\$3,500,000	
С	40	ll n		Accessibility & Safety	Smithwick Theatre ADA Upgrades	\$7,500,000	HIGHER PRIORITY: Timing on work depends on De Anza Event Center.
					SAFETY		
	39 & 56	Ιo	EMP	Accessibility & Safety	Campus-wide Lighting Improvements	\$2,000,000	Exterior Pathway Lights (new head/LED); controls?
С	57	lli	FCA	Accessibility & Safety	Fire Water System/Line Replacement		Priority depends on Facilities Conditions Assessment.
С	69 & 70	II m	FCA	Accessibility & Safety	Fire Alarm & Suppression System Upgrades & Modifications		Priority depends on Facilities Conditions Assessment.
				ACCESSIBILITY & SAFETY CATEGORY TOTAL		\$58,500,000	
				TECHNOLOGY			
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	l 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/Distrit Bond funds
				TECHNOLOGY THAT SUPPORTS EDUCATION TOTAL		\$10,950,000	
				INSTRUCTIONAL SUPPORT			
E	5 & 9	li		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	
	6	II y			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.		Currently located in bio-health location; 5200, Look at prior work of the group that utilized Design Thinking model.
E	19	II k			Building 5800 - following the relocation of ETS, re-purpose building to support college programs and services for student		Dependent on finding alternative space for ETS. Opportunity to use space as an instructional and/or student support area.
E	21	ll v			Develop a multi-use space that includes a Foothill Store, coffee shop, and student study and laundry 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.
E	13	ij		-	Expand and improve existing classroom facilities	\$1,200,000	Dependent on Facilities Conditions Assessments
E	8	II t			Observatory - upgrades and repairs to automate the dome and telescope to enhance classes that use the facility		Could trigger ADA upgrades; abatement; painting; motorized dome controls. (Might fall into FFE for some of the items.)
E	16	III f		Instructional and student support facilities modernization			
E	1, 12, 28 & 33	Пj			Expand and improve existing open spaces, plazas, outdoor teaching areas, add benches/tables/seating		HIGH VISBILITY
E	7	11.1			Allied Health Program expansion and rennovations		HIGH VISIBILITY; HIGHER PRIORITY - Equipment & Devices get brought up to date; but the space needs renovations
	<b>41</b> j	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.
					PE Facilities		
E	<b>41a</b>	II o	FCA	Instructional and student support facilities modernization	Pool renovation		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	11	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)
				INSTRUCTIONAL SUPPORT CATEGORY TOTAL		\$26,900,000	
					Construction Total	\$209,100,000	
					Minimum Overhead (25%)	\$52,275,000	
					Escalation to Mid-Point (Bond X at 2018 to 2028 is 2023, times 3%/yr)	<u>\$41,630,261</u>	Review escalation cost to current rates
					TOTAL	\$303,005,261	

## 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.