

For a list of future major capital projects, see the 10-year Capital Financial Plan at: <http://planning.ucsc.edu/capital/>

162	Project Name	Forecast Completion Date	Phase	Project Phase Completion	PPDO Manager	CPSM Planner	Principal Officer	Target Budget
39 Major Capital Projects								\$441,362,200
1	2300 Delaware - Building A & B Research Office Renovation	12/01/2023	P/B	05/01/2021	Christy Ishimine Hatfi	Angell	Kletzer	\$ 145,000
1	2300 Delaware - Westside Research Park Clinical Sequencing Lab C0171 Renovation	01/31/2021	CO	01/24/2021	Dave Tanza	Brad Angell	John MacMillan	\$ 1,979,000
1	Antenna and Supporting Infrastructures - Macro Antenna Site Back-up Power	10/31/2023	W	06/30/2022	Nathan Weiner	Smith	Latham	\$ 1,642,000
1	Applied Sciences (Jack Baskin Engineering JBEB) - Seismic Retrofit Pre-design	05/31/2020	P/B	05/31/2020	Andrea Hilderman	Edwards	Wolf	\$ 1,202,000
1	Campus Parking - East Remote Parking Lot Improvements	12/30/2020	CO	09/15/2020	Nathan Weiner	Lane	Latham	\$ 5,570,000
1	Campus Reference Materials - Seismic Surveys and Annual Seismic Study 2018-2019	07/01/2019	S	10/01/2020	Jose Sanchez	Smith	Latham	\$ 2,363,500
1	Campus Utilities - Student Housing CHES Telecommunications Infrastructure Upgrades TIU Phase 2	10/15/2021	CO	11/15/2021	Josh Schneider	Thomure	Latham	\$ 13,781,000
1	Campus Utilities - Telecommunications Infrastructure Upgrade TIU Phase C Pre-design	09/01/2021	CO	11/30/2020	Franklin Dickinson	Chrissy Thomure	Williams	\$ 14,602,000
1	Campus Utilities - Telecommunications Infrastructure Upgrade TIU Phase D	04/22/2022	C	04/22/2022	Josh Schneider			
1	Campus Utilities - Telecommunications Infrastructure Upgrade TIU Phase D Pre-design	10/31/2022	W	05/29/2020	Josh Schneider	Jean Nilsson	Williams	\$ 1,056,000
1	Campus Utilities - West Campus 21KV Development, Pre-Design	12/31/2022	P/B	12/01/2022	Michael Cabak		Kletzer	\$ 50,000
1	Cogen - Cooling Tower 1 Replacement	03/31/2021	P	03/31/2021	Mark Firestone			
1	College Eight / Rachel Carson College - Dining Expansion Cap Project	12/31/2022	W	12/31/2020	Tanya Guerrero	Lane	Latham	\$ 34,692,000
1	College Nine and Ten Dining Hall - Dining Commons Dish Room Modifications	12/20/2019	CO	12/10/2019	Gerald Greenleaf	Lane	Latham	\$ 4,028,000
1	Cowell Student Health Center Expansion - Student Health & Wellness Expansion		H		Christy Ishimine Hatfi	Thomure	Padgett	\$ 1,136,000
1	Earth and Marine Sciences Building (Natural Sciences Four) - Rooms D330 and D336 Ocean Sciences Facility	11/30/2021	C	11/30/2021	Mark Firestone	Neil Edwards	Belanger	\$ 1,484,000
1	EH&S Environmental Health and Safety Facility, Research Materials Transfer Facility- Original Construction	04/30/2022	CO	04/30/2021	Andrea Hilderman	Lane	Latham	\$ 19,437,000
1	Emergency Response Center - Storm Water Outfall Upgrades	09/30/2020	CO	09/30/2020	Nathan Weiner	Fitzgibbons	Kletzer	\$ 1,380,000
1	Institute of Arts and Sciences - Preliminary, Ancillary and Miscellaneous		P/B	05/31/2015	Jose Sanchez	Behling	Galloway	\$ 1,276,000
1	Kregge College - Residential and Non-Residential Major Revitalization Phase 1	09/30/2023	C	05/30/2022	Kimberly Owen	Nilsson	Latham	\$ 170,000,000
1	Long Marine Lab / Coastal Science Campus - Telecom Infrastructure Improvements CSC TIU	05/15/2020	CO	09/30/2021	Franklin Dickinson	Thomure	Kletzer	\$ 1,942,000
1	Marine Science Campus - Marine Mammal Pools Renovation and Expansion, Phase 2 at Long Marine Lab	12/31/2022	CO	12/31/2022	Christy Ishimine Hatfi	Lane	Belanger	\$ 9,736,000
1	Marine Science Campus, Coastal Science Campus - Coastal Biology Building Original Construction, (contract scope of work also includes project	07/31/2019	CO	07/31/2019	Tanya Guerrero	Lane	Belanger	\$ 78,222,000
1	Multiple Locations - Science Hill Standby Power	06/30/2019	CO	06/30/2019	Nathan Weiner	Fitzgibbons	Kletzer	\$ 2,000,000
1	Multiple Locations - Student Life Seismic Corrections 2B - Student Music East (KZSC) and Merrill College Recreation Room (Cantu Center)	09/12/2019	P	05/30/2018	Jose Sanchez	Campi	Padgett	\$ 684,000
1	Off Campus Facilities - UCSC SCV Building Improvements - BSOE Baskin School of Engineering Silicon Valley Campus Renovation	02/01/2022	CO	12/01/2021	Christy Ishimine Hatfi	Lane	Wolf	\$ 9,947,000
1	Pedestrian Paths and Site Development - Great Meadow Bicycle Path Improvements Phase 2 (Phase II)	05/01/2021	CO	03/01/2021	Nathan Weiner	Thomure	Latham	\$ 1,341,000
1	Physical Education Facilities - East Field House Swimming Pool Filtration Improvements	12/31/2021	C	12/31/2021	Mark Firestone	Lane	Latham	\$ 1,551,000
1	Porter College - Dining Hall Seating Expansion Cap Project	12/31/2020	C	08/31/2020	Tanya Guerrero	Lane	Latham	\$ 1,799,700
1	Science and Engineering - Library Renovation 3rd Floor	11/12/2022	CO	11/30/2020	Andrea Hilderman	Lane	Cowell	\$ 5,430,000
1	Science and Engineering - Library Renovation Feasibility Study	12/31/2024	P/B	09/30/2016	Andrea Hilderman	Nilsson	Cowell	\$ 36,000,000
1	Science and Engineering Library - (1st) First Floor Renovation	03/31/2022	P	07/15/2021	Andrea Hilderman	Nilsson	Cowell	\$ 4,165,000
1	Science Library - Rooms 206, 214, 215 Active Learning Classroom Renovation	11/15/2019	CO	11/15/2019	Andrea Hilderman	Lane	Belanger	\$ 6,129,000
1	Sinsheimer Labs - Lab 132 Cryo Electron Microscope	07/31/2020	CO	07/31/2020	Josh Francis	Lane	Belanger	\$ 1,996,000
1	Student Facilities - Aquaculture Greenhouse at the Center for Agroecology and Sustainable Food Systems (CASFS)	10/31/2019	C	10/31/2019	Jose Sanchez	Thomure	Belanger	\$ 1,151,000
1	University House - Demolition and Reconstruction Pre-design		P/B		Jose Sanchez	Thomure	Tromp	\$ 613,000
1	Westside Research Park (formerly 2300 Delaware) - Nano Atomic Lab (Yan Lab)	06/01/2022	W	07/31/2021	Dave Tanza	Angell		\$ 1,532,000
1	Westside Research Park (WRP 2300 Delaware) Genomics Sequencing Lab - Project Management Services for NIH Grant Application	07/31/2020	P/B	07/31/2020	Dave Tanza	Smith		
1	Campus Utilities - Emergency West Sewer Main Replacement and Meter Relocation	05/01/2021	CO	04/01/2021	Nathan Weiner	Lane	Latham	\$ 1,300,000
24 Minor Capital Projects								\$3,551,000
1	2300 Delaware - Building C Room C143 Art Research Studio	12/01/2022	P	10/01/2021	Josh Francis	Angell	Warburton	\$ 51,000
1	2300 Delaware (Westside Research Park) - Admissions Office Relocation	02/01/2021	C	02/01/2021	Felix Ang	Angell		\$ 25,000
1	2300 Delaware Building C (formerly Delaware) (Westside Research Park) - C150 ITS Equipment Migration Evaluation	11/01/2020	C	09/01/2020	Mark Firestone	Lane	Williams	\$ 150,000
1	Applied Sciences (Jack Baskin Engineering JBEB) - Lab 299 Renovation	12/31/2021	C	12/31/2021	Mark Firestone	Angell	Wolf	\$ 249,000
1	Bay Tree Bookstore - Room 310 Add Strobe Light to Existing Fire Alarm System	10/01/2022	W	05/01/2022	Nathan Weiner	Smith	Latham	\$ 45,000
1	Biomedical Sciences Facility (Natural Sciences Unit Six) - Standby Power Outlets	12/31/2021	P/B	12/31/2021	Mark Firestone	Not Applicable	TBD	\$ -
1	Biomedical Sciences Facility (Natural Sciences Unit Six) - Smoke Detector Upgrades	12/31/2018	CO	12/31/2018	Michael Cabak	Behling	Belanger	\$ 607,000
1	Campus Roads - Circulation and Infrastructure Extensions Phase 1 (Chinquapin Extension)				Felix Ang			
1	Campus Utilities - Jordan Gulch Sewer Line Bank Stabilization at the Old Kiln	10/31/2022	W	06/01/2021	Nathan Weiner	Lane	Latham	\$ 681,000
1	Campus Utilities - Natural Science II Preliminary Feasibility Study heat exhausting from 324A into 326 due to TIU	01/01/2021		07/01/2020	Matt DeMonner	TBD	Sarah Barron	\$ -
1	Clark Kerr Hall - Room 283 Office Remodel Improvements	09/15/2020	C	02/27/2020	Luis Roa	Lane	Kletzer	\$ 309,000
1	Communications Building - Interior Improvements		P/B	03/01/2020	Gerald Greenleaf	Angell	Williams	
1	Cowell Student Health - Office Alterations				Josh Francis			
1	Earth and Marine Sciences Building (Natural Sciences Four) - C514 Mass Spectrometer Lab Modifications Casework Demo and Floor Repair	01/01/2021	C	08/15/2020	Matt DeMonner	Thomure	Sarah Barron	
1	Faculty & Staff Housing - Employee Housing Master Plan				Jolie Kerns			
1	Infrastructure Planning Documents and Studies - Pre-design Study - Replace Outdated Hydrants	12/31/2021	W	12/31/2021	Mark Firestone		Kletzer	\$ 150,000
1	Long Marine Laboratory - Younger Bldg - Electrical Panel Addition for Seawater Chiller/Heaters	09/01/2021	CO	09/01/2021	Nathan Weiner	Lane	Belanger	\$ 168,000
1	Mount Hamilton / UCO Lick Observatory - Main Building (120" Telescope) Flooring Study				Josh Francis			
1	Natural Sciences Two - Room 249 Compact Storage	02/28/2022	W	10/31/2021	Jose Sanchez		Paul Koch	\$ -
1	Off Campus Facilities - 3175 Bowers Silicon Valley Campus - Remodel 3rd Floor Suite		H		Christy Ishimine Hatfi	Edwards	UNEX	
1	Off Campus Facilities - 3175 Bowers Silicon Valley Campus - Remodel Lobby room 2000	07/01/2020	H	07/01/2020	Christy Ishimine Hatfi	Not Applicable	Peter Minogue	\$ -
1	Physical Sciences Building (Natural Sciences Unit Five) - Standby Power Outlet	12/31/2021	P/B	12/31/2021	Mark Firestone	Not Applicable	TBD	\$ -
1	Surge Buildings / Temporary Structures / Modulators - Communications Trailer 1 and 2 Replacement	12/30/2018	H	12/31/2018	Jose Sanchez	Behling	Smith	\$ 461,000
1	Surge Buildings / Temporary Structures / Trailers - Installation of Health Services Trailer Near Porter Academic	06/30/2018	CO	06/30/2018	Gerald Greenleaf	Campi	Padgett	\$ 655,000
24 CHES Maintenance Projects								\$7,861,000
1	Campus Wide Fire Alarm Upgrades- Phase I Modular Student Housing Village and Camper (Recreational Vehicle RV) Panel Replacement	09/28/2021	CO	09/28/2021	Gerald Greenleaf	Not Applicable	Latham	\$ 800,000
1	College Eight - Rachel Carson Fire Alarm Control Panel Unit Replacement	09/30/2019	CO	09/30/2019	Gerald Greenleaf	Not Applicable	Latham	\$ 500,000
1	College Eight / Rachel Carson College - Residence Halls Replace Fire Alarm Devices Garden Building A, B, C and D	08/31/2020	W	11/06/2019	Gerald Greenleaf	Not Applicable	Latham	\$ 498,000
1	College Eight / Rachel Carson College - Residence Halls Replace Fire Alarm Devices L Building A, B, C and D	08/31/2021	W	06/30/2020	Gerald Greenleaf	Not Applicable	Latham	\$ 498,000
1	College Nine and Ten - Residence Hall 4 Replace Bathroom FRP				Josh Francis			
1	College Nine Apartments 1 and 2 - Shower Replacements				Josh Francis			
1	College Ten - Residence Hall 6 ADA Shower Repairs				Josh Francis			
1	Cowell College (College One) - Residence Halls Interior Refresh				Gerald Greenleaf			
1	Cowell College Dining Commons Patio - Install Lighting and Heaters				Josh Francis			
1	Crown / Merrill Apartments Housing - Building 1 and 2 Kitchen and Bath Renovation	09/30/2020	CO	09/30/2020	Gerald Greenleaf	Not Applicable	Latham	\$ 270,000
1	Crown / Merrill Apartments Housing - Building 2, 3, 4, 8 and 13 Sliding Door Replacement for units 222, 311, 411, 812, 1312, 1322	09/03/2020	CO	10/31/2020	Gerald Greenleaf	Not Applicable	Latham	\$ 70,000
1	Crown Merrill Apartments - Replace Sliding Glass Doors	09/30/2021	CO	09/18/2021	Gerald Greenleaf	Not Applicable	CHES	\$ 70,000
1	Faculty Housing - Improvements for Units 230, 245, 503, & 512	02/28/2021	CO	02/28/2021	Gerald Greenleaf	Not Applicable	Latham	\$ 480,000
1	Graduate Student Housing - Minor Refresh		P/B		Gerald Greenleaf	Not Applicable	CHES	\$ 1,500,000
1	Merrill College - Cultural Center Electrical Repair Work - CHES Major Maintenance				Kimberly Owen			
1	Merrill College - Dormitory A & B Furring Insulation 2020				Josh Francis			
1	Merrill College - Dormitory A & B Furring Insulation 2021				Josh Francis			
1	Pedestrian Paths - Crown Merrill Travel Path Improvements				Gerald Greenleaf			
1	Porter College - Residence Halls Shower Repair 418 & 516	05/28/2021	C	05/28/2021	Josh Francis	Not Applicable	Sanders	\$ 50,000
1	Stevenson College - Residence Hall Bathroom Refresh Building 1, 2, 3, 4, 5, 6, 7, and 8	10/01/2022	P/B		Gerald Greenleaf	Not Applicable		\$ 125,000
1	Stevenson College (College Two) - House 4 Laundry Room		P/B		Gerald Greenleaf	Not Applicable		
1	Stevenson College (College Two) - Residence Halls Interior Refresh Buildings 5, 6, 7, and 8	04/13/2020	CO	04/13/2020	Gerald Greenleaf	Not Applicable	Latham	\$ 3,000,000
1	Stevenson College (College Two) - Residence Halls Only				Josh Francis			
1	Student Facilities - Camper (Recreational Vehicle RV) Park Awnings Study				Josh Francis			
20 Small Projects								\$121,000
1	2300 Delaware (Westside Research Park) - B180 install CCURE Door Locks		P		Andrea Hilderman	Not Applicable	Moore	\$ 12,000
1	Campus Utilities - PG&E Work Agreement for Regulator install on West side of Natural Bridges Drive	12/31/2021	S	12/31/2021	Mark Firestone	Not Applicable		\$ 5,000
1	College Nine and Ten - Dining Speaker Repair	04/01/2021	CO	04/01/2021	Gerald Greenleaf	Not Applicable		
1	College Nine and Ten - Residence Hall 4 Repair ADA Showers Corian Benches				Josh Francis			
1	Communications Building - Cable Dryer Standby Power Circuits Study	10/31/2021	S	10/31/2021	Mark Firestone	Not Applicable	General Hopper	\$ 5,000
1	Faculty & Staff Housing (Hagar and Cardiff) - Stormwater Outfall Sinkhole Remediation	07/01/2019	CO	07/01/2019	Nathan Weiner	Not Applicable	Kletzer	\$ 60,000
1	Mount Hamilton / UCO Lick Observatory - Dry Barrel Hydrant Replacement	10/31/2021	P/B	10/31/2021	Mark Firestone			\$ 5,000
1	Mount Hamilton / UCO Lick Observatory - Replace Verizon's Hydrogen Fuel Cell with Propane Generator	12/01/2022	P	10/01/2021	Michael Cabak	Not Applicable		\$ 5,000
1	Mount Hamilton / UCO Lick Observatory - UCO Lick Observatory Unirail System for Working Platform	01/31/2020	H		Arthur Wellersdick	Not Applicable	Halay	\$ 20,000
1	Off Campus Facilities - 3175 Bowers Silicon Valley Campus - Water Damage Repair UNEX Student breakroom 2125 adjacent hallways 2100, 2	04/10/2020	CO	04/10/2020	Christy Ishimine Hatfi	Not Applicable	Peter Minogue	\$ 9,000
1	Off Campus Facilities - Big Creek Reserve - Coyote Creek Operations Yard Grading Improvements				Josh Francis			
1	Off Campus Facilities - Big Creek Reserve - Gatehouse PV Array Improvements				Josh Francis			
1	Off Campus Facilities - Big Creek Reserve - Road Repair				Josh Francis			

1 Off Campus Facilities - Big Creek Reserve - Visitor Center Parking Lot Improvements					Josh Francis							
1 Off Campus Facilities - Big Creek Reserve Dolan Fire Damaged Road Repair					Josh Francis							
1 Off Campus Facilities - Big Creek Reserve Facilities and Infrastructure Improvements					Josh Francis							
1 Off Campus Facilities - Big Creek Reserve PhotoVaultic System Batteries Replacement					Josh Francis							
1 Porter College - Residence Halls Window Repair					Gerald Greenleaf							
1 Quarry Plaza - ATM Lighting Update					Nathan Weiner							
1 Student Facilities - Farm Chalet Seismic Retrofit	12/01/2021	P	12/01/2021		Jose Sanchez				Karen Smith			
42 Capital Planning Studies												\$4,764,497
1 2300 Delaware (Westside Research Park) - Building B Arts Media Lab	12/31/2020	P/B	12/31/2020		Andrea Hilderman	Angell			Warbutron	\$		-
1 2300 Delaware (Westside Research Park) - PV and Microgrid Study	12/01/2021	P/B	12/01/2021		Nathan Weiner	Smith						
1 2300 Delaware Building A (Westside Research Park) - Genomic Institute Privacy Pods A272 and A280	11/01/2021	P/B	09/14/2021		Josh Francis	Angell						
1 Applied Sciences (Jack Baskin Engineering JBEB) - 250-252 Server Room	11/30/2021	P/B	11/30/2021		Mark Firestone	Thomure						
1 Area Planning Documents and Studies - 2300 Delaware Master Plan Study	02/01/2018	P/B	02/01/2018		Jose Sanchez	Campi			Tromp	\$		360,000
1 Bay Tree Bookstore - Improvement Study		P/B	02/01/2022		Jose Sanchez	Nilsson			Lucy Rojas			
1 Campus Roads - Steinhart Way Install Vehicle Barriers		S			Oxo Slayer	Not Applicable			Latham	\$		25,000
1 Campus Utilities - Campus Cooling Water Study - Replace Cooling Tower 1	10/31/2021	P/B	10/31/2021		Mark Firestone	Not Applicable			Kletzer	\$		150,000
1 Campus Utilities - Infrastructure Predisign Study - 12KV Express Ring Study	12/31/2022	S	12/01/2021		Michael Cabak				Latham	\$		65,000
1 Campus Utilities - Reroute Gas Main at Agroecology Farm	12/30/2018	H	12/30/2018		Nathan Weiner	Lane			Kletzer	\$		50,000
1 Clark Kerr Hall - Kerr Hall Seismic Retrofit		P/B	07/01/2020		Jose Sanchez	Angell				\$		202,000
1 Coastal Sciences Campus - Terrace Wetland Enhancement Project Point Pond		S			Oxo Slayer	Not Applicable			Latham	\$		20,000
1 Cowell College Dining Commons - Soft Hot Water Boiler Replacement	10/31/2021	S	10/31/2021		Steve Irie	Not Applicable			Latham	\$		20,000
1 Faculty & Staff Housing - Employee Housing Program Project Pre-Design		P/B	12/31/2021		Andrea Hilderman	Not Applicable			Latham	\$		500,000
1 Fort Ord MBEST - Development RFI Support					Jolie Kerns							
1 Fort Ord MBEST - Incidental Take Permit Placeholder												
1 Fort Ord MBEST - Recycled Water Piping Installation												
1 Fort Ord MBEST - SCIP Microgrid Pre-Design												
1 Fort Ord UC MBEST - Entitlement Review					Matt DeMonner	Not Applicable			Nikki Vamosi	\$		5,000
1 Humanities and Social Sciences Facility (Academic Unit One) - Room 201 Office	03/31/2022				Michael Cabak	Not Applicable						
1 Infrastructure Planning Documents and Studies - Campus Pedestrian Circulation Improvement	06/30/2017				Oxo Slayer				Kamaleswaran			
1 Infrastructure Planning Documents and Studies - Campus Wide Distributed Renewable Energy Interconnection Study	12/31/2022	H	12/01/2021		Michael Cabak				Tromp	\$		113,550
1 Infrastructure Planning Documents and Studies - Moore Creek Kresge Tributary Improvements Study	07/01/2021	S	07/01/2021		Oxo Slayer	Lane			Kletzer	\$		125,000
1 Infrastructure Planning Documents and Studies - Pre-design Study - Campus Domestic / Fire Water Upgrade of Existing Pressure Regulating Va	12/31/2019	S			Matt DeMonner					\$		150,000
1 Long Range Development Planning (LRDP) Documents and Studies - Housing Mitigation (2020)					Jolie Kerns							
1 Modular Student Housing Village - Standby Power	11/30/2021	P/B	11/30/2021		Mark Firestone	Thomure			Ed Dunn	\$		5,000
1 Mount Hamilton / UCO Lick Observatory - Seismic Tier 3 Study at the Main Building					Jose Sanchez							
1 Multiple Locations - Campus Wide Building Name Project, Pilot Mock-up at College Eight					Jose Sanchez	Flaherty			Galloway			
1 Multiple Locations - Center of Innovation for Teaching and Learning (CITL) Pre-Design Study	07/01/2022	P/B	10/01/2021		Christy Ishimine HattixAngell							
1 Off Campus Facilities - Big Creek Reserve - Diagnose Inverter/Generator Malfunction					Jose Sanchez							
1 Off Campus Facilities - Big Creek Reserve - Solar Communications Telecoms Site					Erika Carpenter							
1 Off Campus Facilities - Big Creek Reserve Prop 68 Field Station Renovations					Jose Sanchez							
1 Off Campus Facilities - Big Creek Reserve Various Planning Projects - Emergency work due to the fires including right of entry agreements					Erika Carpenter							
1 Off Campus Facilities - CHES Warehouse - 318 Encinal - Seismic Tier 2 Evaluation		S	05/01/2021		Jose Sanchez	Chrissy Thomure			Nikki Vamosi	\$		56,000
1 Off Campus Facilities - Educational Partnership Center Cal-SOAP Relocation to West Valley College (WVC) Rms 204 and 204B					Jose Sanchez							
1 Physical Education Facilities - East Field House Gym Annex Alterations					Jose Sanchez							
1 Physical Education Facilities - West Field House Alterations					Jose Sanchez							
1 Student Facilities Building - CASFS Trailer 4 Conditions Assessment	01/06/2020	CO			Arthur Wellersdick	Not Applicable			Farm	\$		1,000
1 Student Housing West - Privatized (P3) Development		H			Felix Ang	Not Applicable			Latham	\$		1,300,000
1 Thimann Laboratories - Seismic Replacement Pre-Design	10/31/2020	P/B	03/01/2021		Jose Sanchez	Thomure			Kletzer	\$		1,390,000
1 Long Range Development Planning Documents and Studies - CLRDP Implementation		S			Oxo Slayer	Not Applicable			Latham	\$		166,947
1 Long Range Development Planning (LRDP) Documents and Studies - 2020 - 2040 LRDP		S			Jolie Kerns				Latham			
1 Long Range Development Planning (LRDP) Documents and Studies - Cooling Water Master Plan (2020)	12/31/2021	S	12/31/2021		Matt DeMonner							
1 Long Range Development Planning (LRDP) Documents and Studies - Electrical Master Plan (2020)	04/01/2021	S	04/01/2021		Michael Cabak	Lane			Latham			
1 Long Range Development Planning (LRDP) Documents and Studies - Heating Water Master Plan (2020)	12/31/2021	S	10/31/2021		Matt DeMonner							
2 Other (Major Maintenance and Fire Restoration)												\$6,156,696
1 Campus Utilities - Emergency West Sewer Main Replacement and Meter Relocation	05/01/2021	CO	04/01/2021		Nathan Weiner	Lane			Latham	\$		1,300,000.00
1 Mount Hamilton - Lick Observatory Fire Restoration	12/31/2021	W	12/31/2021		Andrea Hilderman	Nilsson			Rockosi	\$		4,775,000
11 Cellular Infrastructure Projects (funded by Cellular Companies-not included in totals)												\$76,696
1 Antenna and Supporting Infrastructure - Crown-Castle Tower Verizon RRU Addition	12/31/2021	H	06/01/2021		Michael Cabak	Not Applicable			Latham	\$		5,000
1 Antenna and Supporting Infrastructures - Crown Castle Verizon replace RRUs		P	02/28/2017		Zachary Teske	Not Applicable				\$		5,000
1 Antenna and Supporting Infrastructures - AT&T and KZSC New Tower Feasibility Study					Michael Cabak							
1 Antenna and Supporting Infrastructures - AT&T KZSC Radio Tower Strengthening	12/01/2019	W	12/31/2018		Zachary Teske	Not Applicable			Tromp	\$		12,696
1 Antenna and Supporting Infrastructures - AT&T Relocation from KZSC to SBA Tower	12/31/2020	CO	12/31/2020		Zachary Teske	Not Applicable			Latham	\$		5,000
1 Antenna and Supporting Infrastructures - Crown Castle GT - Verizon H Frame	12/31/2021	H	06/01/2021		Michael Cabak	Not Applicable			Latham	\$		5,000
1 Antenna and Supporting Infrastructures - Crown Castle RRU Addition and Replacement	06/01/2020	C	05/01/2020		Zachary Teske	Not Applicable			Latham	\$		10,000
1 Antenna and Supporting Infrastructures - Crown-Castle Macro Antenna Extension & AT&T Shelter	01/01/2022	W	05/01/2021		Michael Cabak	Not Applicable			Latham	\$		5,000
1 Mount Hamilton / UCO Lick Observatory - AT&T Monopole	12/01/2022	W	06/01/2021		Michael Cabak	Not Applicable			Belanger	\$		5,000
1 Mount Hamilton / UCO Lick Observatory - SVRCS County Radio	12/01/2019	C	09/01/2019		Zachary Teske				Belanger	\$		24,000
1 Natural Sciences Arboretum - Entrance Sewer Repair for Crown Castle Fiber	12/01/2020	CO	12/01/2020		Zachary Teske	Not Applicable			ITS	\$		-

Phase Legend	
P/B	Programming/Budgeting/Scoping
P	Preliminary Plans (Schematic Design and Design Development)
W	Working Drawings
C	Construction
CO	Close Out
S	Study
H	Hold