

Capital Planning, Design & Construction

2016 Summer Impact Projects

1. CW- Main Electrical Maintenance-Testing

- Project will repair large breakers in Creative Arts, the Gymnasium, Fine Arts, Hensill Hall, Thornton Hall, and Psychology.
- The power in the Gymnasium may have to be shut down or switched to back-up power while down in order to replace an electrical main panel. Other buildings included in this project may need to be coordinated for shorter shut-down periods.

2. SHC Water Intrusion Repairs

- Project will waterproof SHC Building.
- The Student Health Center Staff will have to move some of their operations around during construction. The phasing of the construction has to be coordinated with the SHC staff.

3. JPL Library & SSB-Bottle Filler

- Project will install bottle fillers in the Library and SSB.
- Phase 1 complete at SSB 4/18/16-4/22/16
- Phase 2: After Finals, 5/25/16 - 6/5/16 the installations will continue in the library, construction had to be suspended until after Finals. Drinking water fountains will be off-limits during this period, two floors at a time.

4. Fine Arts Fire Alarm – Phase 1

- Project will install new fire alarm devices in new Fine Arts Bldg.
- Some disruption to classroom spaces and corridors in the Fine Arts Building

5. Burk Hall -Elevator C Modernization

- Project will upgrade Elevator C.
- Construction will begin around early September. At Burk Hall, there will be no accessible access to the basement level on the west side of the building. However, there is an existing ramp on the exterior of north side of the building leading down to that basement level but it is not an ADA accessible ramp. Also early in the fall 2016 semester, the contractor will be bringing a crane on site on a weekend in early to mid-September.

6. FA 203, FA 124 and FA 124A

- Project includes converting of FA 201 to museum and FA 124, 124A to classroom and storage.
- Will affect Fine Arts Addition classrooms, studios and offices. Noisy demolition work will be done off hours due to close proximity of Coppola Theatre and Cinema Sound Stages. New restrooms will be constructed adjacent to the new FA 203 Global Museum and across from the existing FA 238 Art Gallery. There will be construction barricades built on the Second Floor lobby of the Fine Arts addition to shield construction work.

7. HH Bridge Repairs

- Project will repair HH Bridge Roof.
- Will affect third floor patio directly under the bridge which will be scaffolded over or simply off-limits. The bridge roof will be replaced, windows resealed and undersides painted. The repairs for 60 days are necessary to restore the pedestrian bridge between HH and TH from weathering deterioration. The bridge will be closed for safety reasons.

8. SCI AHU-1 & AHU-2 Replacements

- Project is replacing the rooftop air handling units (AHU) which distribute ventilation and heating and are at their end of useful life.
- Will affect offices on the SCI 3rd Floor East Wing. The perimeter offices have operable windows. No impact on SCI Fume Hoods, Make-Up Air Units for Science Laboratories. Crane Lift of two AHU's on the north side of Science Building on a weekend will require temporary closing of the pathway between Hensill Hall and Science Building. Absolutely no occupants in the Science Building will be allowed for safety reasons during crane lift. There will be noise generated by the removal of existing AHU's and ductwork and equipment curbs during business hours. SCI East Wing is far away from SCI 101, 201 & 210 lecture halls.

9. SSB Elevator Room Cooling

- Project for the Elevator Room Cooling will improve elevator reliability when campus power is interrupted.
- Will effect shut-down of 1st Floor Women's Restroom and opening the Elevator Lobby utility shaft spaces on floors 2, 3 and 4 and roof area to accommodate refrigerant piping supply and return lines, control wiring and power. 1st Floor Women's Restroom will be out of service 30 to 60 days to replace AC-1 unit above the restroom. One temporary accessible toilet will be provided outside the building. There will be noise generated by the removal of drywall ceiling in the 1st Floor Women's restroom and replacement of AC-1 unit during business hours. Crane Lift of two small condensers on the SSB roof will occur on a weekend or weekday before 7:00 AM. The walkway around SSB will require

temporary closing. Absolutely no occupants in SSB will be allowed for safety reasons during crane lift.

10. Central Plant isolation valves installation

- On Boilers No. 1 & 2 will require shutdown of campus loop hot water heating and domestic hot water for 7 to 14 days. Campus will not have domestic and heating hot water for use. The isolation valves will allow periodic maintenance of Boilers No. 1 & 2 to be done without service interruptions of domestic and heating hot water in the future.

11. ADM Heating & Ventilation Improvements-Phase 1

- The project is for new AHU-1 & AHU-2 which will improve indoor air quality and heating.
- Will effect heating and ventilation of 1st and 2nd Floors of Old Administration Building (North Wing) and Basement, 1st and 2nd Floors of Old Administration (South Wing) for 30 to 60 days. The building has operable windows in both wings. Portable fans will be set up in the hallways to circulate air. There will be noise generated by the removal of existing AHU-1 in the Basement (North Wing) and existing AHU-2 Roof Mechanical Penthouse (South Wing) during business hours. Lot 3 between Library and Old Administration will be used for storing and staging construction materials.

12. Campus Wide Wireless Network Upgrade:

- The Project consists of installation of University provided ceiling-mounted wireless access points (WAPs) for faculty, student and staff spaces in the Humanities Building, Science Building, Thornton Hall, Hensill Hall, Business Building, HSS Building, Gymnasium, Fine Arts Building, Ethnic Studies & Psychology Building and the Student Health Center. Building occupants should expect minimal impact due to work being performed between the hours of 10PM and 6AM. Occupants will be advised to remove personnel items and items of value from offices and spaces that will be accessed by the contractor. A full-time inspector and security guard will be on-site during the work. Work expected to continue throughout the summer (June through August).

13. University Park North Building 1 Exterior Repairs:

- The Project consists of repairs to the exterior wall surfaces of Building 1 at University Park North (1-21 Buckingham Way), including the repair of deteriorated stucco and wood, replacement of window caulking and painting exterior walls, doors, window frames, screen walls and handrails. Scaffolding will be installed along the perimeter of the building. Building occupants should expect increased noise and odors during the course of the work. To reduce the effects of these impacts, no work shall start prior to 9AM. Occupants will be advised to keep windows closed and shades drawn as contractor will be working on scaffolding directly in front of windows. Housing Office will

maintain copies of Material Safety Data Sheets (MSDS) for inspection should there be a concern. Work expected to continue throughout the months of June and July.

Tiburon Projects

RTC Building 30 Roof Replacement

- The Project consists of replacing the roof on Building 30. The site will experience increase vehicle traffic and reduced parking adjacent to the building. Building occupants should expect increased noise and odors during the course of the work and may experience building vibrations and scraping noise during the first week or so of demolition. RTC will maintain copies of Material Safety Data Sheets (MSDS) for inspection should there be a concern. RTC will coordinate with the building tenant to determine a start date to lessen the effects of the construction. Work expected to continue throughout the months of June and July.

RTC Sewer System Upgrade

- The Project consists of abandoning the existing on-site wastewater treatment systems (leach fields) and installing a sewer lateral system to collect and transport wastewater to a new sanitary sewer pump station adjacent to Building 36 and then to the existing sewer lateral within Paradise Drive. The site will experience increase vehicle traffic and noise during the course of the work and may experience temporary traffic blockages and stoppages for work crossing lanes of traffic. Traffic control monitors will be provided and advance notices of blockages and stoppages will be made available to site occupants. Work expected to continue throughout the summer (June through August) and into the Fall semester until the end of the year.

RTC Power Distribution Upgrade

- The Project consists of undergrounding a portion of the existing 12kV overhead power from the PG&E meter to Buildings 36 and 50, including installation of a new 250kW generator and 500 kVA transformer adjacent to Building 86 and removal of the overhead wiring to Buildings 30 and 33. The site will experience increase vehicle traffic and noise during the course of the work and may experience temporary traffic blockages and stoppages for work crossing lanes of traffic. Traffic control monitors will be provided and advance notices of blockages and stoppages will be made available to site occupants. An electrical shutdown of Building 36 at the end of the project should have minimal impact on building occupants, as the shutdown will be scheduled for a weekend. A generator will be provided to maintain electrical power to critical needs within the building. Work expected to continue throughout the summer (June through August) and into the Fall semester until the end of the year.

14. Path Repairs – Campus Wide

- This project will repair pathway trip hazards in various areas on the campus; Quad, Science, HSS, Admin & Lake Merced Blvd. The noisiest portion of the work is scheduled during the summer break: Tuesday, May 31 – Friday, June 3. The Creative Arts/ Fine Arts path work is Thursday, June 2- Saturday June 4. Less disruptive portions of the work will continue until the end of the month.

15. Door Replacement – Campus Wide

- This project will replace exterior doors in the following buildings: Gym, Humanities, HSS, Hensill Hall, Burk Hall & Science. The noisiest work will be performed before 8:00 am or on weekends. Signage will be installed to redirect pedestrian traffic as required.

16. Replace ACM Pipe Insulation – Creative Arts & Thornton Hall

- This project will replace asbestos pipe insulation in 8 mechanical rooms in Thornton Hall and one mechanical room in Creative Arts. The works occurs over several weekends late May – early July. In general, mobilization starts on Friday and the work is complete by 8:00 am on Monday.

17. Replace Entry Door – Children’s Center

- This project will replace the entry door at the Children’s Center. Work is scheduled for the weekend: starting on Friday afternoon after 4:00pm and through the weekend. Touch up work will continue during the week after 4:00 pm in the afternoon.

18. Waste Management Building Gates

- The project will install 3 security gates at the Waste Management Building storage area. The contractor will determine a schedule with the user to work in a coordinated manner one gate at a time so as not to be disruptive to the occupant’s schedule.

19. Haz Waste Storage Shed

- Project is to add a new pre-fab storage shed for temporary storage of hazardous waste until it can be safely removed for disposal.
- Crane to Corporation Yard to be planned for a Saturday. Facilities and Grounds will have to move parked vehicles and other items stored at proposed site.

20. Maloney/Steph Modular Restroom Replacement

- Project is for replacement of existing modular restrooms for new.
- Wide load delivery to Maloney. Restrooms will be temporarily shut down. Wide load delivery to Stephenson utilize restrooms in adjacent buildings Thornton or Hensill Hall.

21. Recreation Wellness Center

- New construction of 118,700-gross-square-foot facility and a new recreation field are organized around the existing softball field.
- There will be a temporary water shut off affecting Mary Ward Hall. Work on Softball Field will close it for use until mid-August. Material deliveries may slow traffic along Font and Lake Merced Blvd.
- Underground gas connection to Housing's existing gas loop crossing Font Blvd. Work includes trenching and adding pipes. Housing gas loop will be shut down for one day affecting Mary Park Hall and Mary Ward Hall.

22. Campus Wide Low Flow Fixture

- Replace bathroom urinals, toilets, and sink plumbing with high efficiency fixtures.
- Phase I will start in Creative Arts, Science, Gymnasium, and the Student Health Center.
- All outages, both of individual bathrooms and sometimes building water, will be announced with advance notice and planned with Facilities plumbing staff and the appropriate Building Coordinators.

Creative Arts

T005 T007 T108 T111 T120 T122 T154 T156 T158 T202 T204 T251

Science Building

T101 T125 T127 T212 T226 T228 T240 T242 T326 T327 T337 T339

Gymnasium

T100 T102 T121 T122 T201

Student Health Center

T008 T18.1 T18.2 T18.3 T19.1 T19.2 T025 T030 T031 T047 T051 T068 T073 T074

23. HSS Windows

- Bayview Construction will be installing the operable windows at the east end of HSS beginning on or about May 31. The work will take about one week to complete, and the

east entrance to HSS will be closed.

24. iDAS

- CPDC is working with ITS & Anthem Telecom to deploy wireless cellular signal Campus wide. Scope includes installing headend equipment in Library, antennas on roof of Thornton Hall, Mary Ward & Mary Park Halls.

25. Children Campus – Playground

- Construction of a landscape play area for the Children's Campus. In addition, replacement of the tricycle path surface due to wear and tear.

26. Data Center

- Installation of a new overhead track busway distribution system for existing IT equipment racks, including installation of a new UPS unit to replace existing UPS 1.

27. Campus Wide AED Installation

Installation of Automated External Defibrillators for cardiac arrest emergencies.

- **Active People**
Gymnasium, Village Fitness Center, Athletic Fields
- **Older Employees**
Administration Building, Old Administration Building, Student Services Building
- **High Traffic Buildings**
Student Union, Library
- **24/7 Occupancy – Emergency Location**
University Police
- **Children**
Children's Centers/Campus (accident potential)
- **Plant Operations**
Trades (accident potential/older employees)
- **Science**

Science Buildings (accident potential in labs)

- **Residential Housing**

Centennial Village Apartments, Mary Ward/Mary Park Halls, Towers

- **Academic Buildings**

Class rooms & Offices