

PROJECT STATUS REPORT

March 2021 ♦ Issue 63

NC Sitework Improvement Phase 1 & Phase 2

Project Overview

The North County Sitework Improvement project will be constructed in two phases. Phase 1 includes a new entry off Buena Vista Drive that will serve as the gateway to the North County Campus. The new main entrance loop will feature a pick-up/drop off area, flagpole plaza, and RTA bus stop. To best serve campus visitors, the existing Parking Lot 10 will be reconfigured with additional ADA and short-term parking provided at the entrance of the Campus Center. Phase 2 will create a new central campus area with pedestrian promenade, anchored by the Campus Center at one end and the Learning Resources Center at the other. Over this connection, interlocking paths and gathering spaces tie together the existing and future buildings of the campus with a network of landscaping, concrete benches, charging/hydration stations, and trees. The drawings were approved by the Division of the State Architect on July 20, 2020 and was awarded to Seamair Construction, Inc. on August 11, 2020. Construction commenced on August 17, 2020 with a Phase 1 completion date of December 2020. Phase 2 is anticipated to begin in the second quarter of 2021.

Project Progress

During the month of March, the Contractor has continued working on Phase 1 with the installation of irrigation and site lighting and is in the process of planting trees and shrubs. Phase 2 commenced in mid-March following the move of the ECE program to the new Children's Center. The old modular buildings have been demobilized and removed from the campus and site demolition is in progress to prepare for the build out of the central campus sitework and landscaping.

Project Schedule

In the month of April, the contractor will complete the landscaping and fence removal, concluding Phase 1 of the project. Phase 2 work will continue with the site demolition in the former ECE play area. Following the demolition, the contractor will commence with potholing and trenching for underground utilities and the expansion of the fire road. Phase 2 is on schedule to be complete in fall 2021.



Landscaping installed at the Lot 10 Entrance



Landscaping Progress in Parking Lot 10

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Landscaping and Site lighting installed at the
Flagpole Area



Removal of the old ECE Modular Buildings



Removal of the old ECE Modular Buildings



Site Demolition at the old ECE Play Area

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SLO Campus HVAC Replacement Phase 1

Project Overview

The SLO Campus HVAC Replacement Project will address the remaining building HVAC in need of replacement on the Campus. The construction will be phased, spanning from Fall 2020 through Fall 2021. Phase 1 will consist of Buildings 4100, 4300, 4400, 6200 and 7100 annex. Phase 2 will consist of Buildings 2500, 4000, 6100, 6300 and 7100 annex. The project was bid on September 17, 2020 and awarded to J.R. Barto on September 30, 2020. Construction commenced on January 19, 2021 with a Phase 1 completion date of April 2021. Phase 2 is anticipated to begin in the second quarter of 2021.

Project Progress

During the month of March, the contractor installed new HVAC equipment and ductwork on the 4100 and 7100 annex buildings. The install for HVAC controls is ongoing in buildings 4100, 6200 and 7100 annex and is scheduled to be complete in the next month.

Project Schedule

In the upcoming month, the contractor will complete the HVAC controls for all remaining buildings and start-up all units. The project is on schedule to be complete by the end of April 2021.



HVAC Equipment and Ductwork Completion on
the 4100 Building



HVAC Equipment and Ductwork Completion on
the 7100 annex Building

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Wireless & Telecom Upgrades 4000s, 5000s, 6000s, 7000s Complexes

Project Overview

The San Luis Obispo Campus is undergoing installation of new and upgraded telecommunication systems. The 4000s-7000s complex wireless and telecommunication upgrades project consists of installing new telecommunication racks and equipment along with new fiber optic and CAT6a cabling. Technology upgrades are necessary to deliver effective and meaningful educational and job training programs that meet current industry standards and provide up-to-date technology in the classroom and operations. The project was publicly bid on October 20, 2020 and awarded to Smith Electric on November 5, 2020. Construction commenced on November 21, 2020 with a scheduled completion date of January 31, 2021.

Project Progress

During the month of March, the contractor has completed installation of all new fiber optic cables for all buildings within the scope of the wireless and TR upgrades project. The new Category 6a cabling upgrades have been completed except for buildings 4000 and 7300. Building 4000 is scheduled to commence in May 2021. Building 7300 will be completed at a date yet to be determined as it is currently in use as the COVID Vaccination Clinic.

Project Schedule

In the upcoming month, the contractor will complete the punchlist items identified by the District and Engineer. The project will now be on a hiatus until it picks back up in May with the completion of the 4000 building.



Installation of new Cat 6a cabling



Installation of new Telecom Room Network Cabinet

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North County Data Center Backup Generator

Project Overview

The North County Campus does not currently have backup power for the Data Center located in Building N3200, which results in network outages whenever there is a loss of power. The new natural gas generator will allow for the North County network to remain operational during both planned and unexpected power outages. The scope of the project includes running conduit and wiring from the main electrical room to the generator pad location, extending the existing concrete pad to accommodate the new generator, running communication wiring from the main electrical panel to the server room, and installing an electrical switch as well as a gas line for the generator. The District utilized the California Uniform Public Construction Cost Accounting Act (CUPCCAA) to request proposals from prequalified contractors for the North County Campus IT Backup Generator project. The project was awarded to Smith Electric on February 3, 2021. Construction commenced on February 17, 2021 with a scheduled completion date of summer 2021.

Project Progress

Since commencing construction in mid-February, the contractor has completed the main conduit runs and backfilled the trench. The existing concrete pad in the chiller yard has been extended and the concrete walking path on the south side of Building N3200 has been poured back. Conduit runs above the ceiling for communication wiring running back to the server room are also complete.

Project Schedule

The project has wrapped up the infrastructure portion and is now awaiting the delivery of the generator which is scheduled to arrive at the end of May. Upon delivery, the contractor will set the generator in place, make the final connections, and then test the generator to make sure it functions properly in the event of a power shutdown.



Underground Conduit Runs to N3200



New Site Utility Stub Ups

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North County Data Center Backup Generator



Conduit Stub-ups at the Concrete Generator Pad



Concrete Placement for the New Generator Pad



Concrete Placement at Walkway South of
N3200



New Conduit Installed into the N3200 Data Center