Carleton College
Science Building Complex & Utility Master Plan
Weekly Construction Update

TODAY’S DATE: May 30th, 2019

Top Left: Danny’s continues erecting the 2nd floor guardrail.

Top Right: McGough’s concrete group poured the temporary sidewalk out the South entrance of the Addition.

Bottom Left: View looking West across the atrium.

Bottom Right: Workers excavating for pipe installation as part of the East Utilities project.
UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF JUNE 3RD AND JUNE 10TH

Exterior Envelope: On the exterior of the building, Berwald (metal panels contractor) continues plugging along installing the standing seam metal panels on the roof of the atrium until they have finished (weather permitting). At this point in time, the standing seam roofing is approximately 95% complete with only a few areas waiting on installation of expansion joints before they can be finished up. Twin City Glass (Glazing contractor) is working on the south main vestibule as well as continuing with miscellaneous glazing and detail work on the exterior and interior. They have finished up installing glass around the skip infill area on the east side of the Addition as well as installing all bathroom mirrors. Bolander (earthwork contractor) continues sitework in the south courtyard around the seating wall that will act as an outdoor amphitheater and outdoor teaching space around the Mudd Oak. They are working in conjunction with McGough’s concrete group to install the concrete foundation on which the granite blocks will be set. They have finished pouring the concrete backup for the granite as well as the steps. Granite will begin to arrive onsite in the middle of June, at which point McGough’s masonry group will remobilize back to the site and set these large pieces of granite.

Interior Buildout: Moving to the interior of the building, Sonus Interiors (flooring and ceiling contractor) continues installing carpet and rubber base on all floors, padding out ceilings in remaining areas, and installing the skeleton for the metal ceiling panels in the atrium corridors. Additionally, Sonus is working to assist in the window shade installation as well. The shades on the east curtain wall have been installed, allowing the scaffolding below to be removed later this week. Danny’s Construction (Steel Erector) continues the installation process of the perforated metal guardrail as material is delivered to the site from ASM (Steel Fabricator). They have just received the first large shipment of perforated infill panels for the 1st and 2nd guardrail sequences. Olympic (Drywall Contractor) continues with framing, rocking, and taping the display case on 1st floor near the main entry as well as rocking the east ear muff stairwell. Gephart (electrical contractor) continues labeling receptacles, landing wires in the east electrical room in the basement, installing light switch devices throughout the addition, as well as installing misc. light fixtures throughout. Harris (mechanical contractor) continues filling and flushing the heating and cooling system (note: this activity takes a long time as the entire system must get filled up with water and then completely emptied to truly clean the system), misc. tunnel chilled and heating water piping, and wrap up installing restroom fixtures and lab fixtures in the basement. Cosney (laboratory casework contractor) continues installing the butcher block tops that sit on top of the lane rock cases on 1st and 2nd floor. McGough’s carpenters are hanging miscellaneous doors and hardware as they arrive as well as installing millwork as it arrives. Additionally, they are wrapping up installing the wood handrail in Stairwell D.

East Energy Station: Work continues down in the East Energy Station with Harris and Gephart continuing to install HVAC pipes, ductwork, electrical conduit, main switchgear, etc. The new multistack has been installed into final position inside the East Energy Station. This piece of equipment is the brains behind the entire mechanical system for the Science Addition, making this a huge milestone to have this equipment installed in its final location. Since the East Energy Station is not only a mechanical room for the new science addition but also houses all mechanical infrastructure to support the campus-wide geothermal system, the buildout of this level is a huge undertaking and will take an incredibly long duration to complete (these activities will likely be ongoing until late spring of 2019).

Be Advised – Campus utility work continues next week so there will be several disruptions and closures to sidewalks throughout the campus (please refer to logistics plan on last page of this update or Carleton’s website found below for more information.
regarding the disruptions). Please be aware of your surroundings and make sure you are staying safe as you navigate around. The
Surrounding neighborhoods can continue to expect heavy multi-axle truck traffic over the next weeks as we continue to move
material to and from the project site along Olin Road. Berwald will have large deliveries with their metal panels continuing to get
installed on the exterior skin of the building and now Bolander has remobilized back to the site to begin moving dirt around in
the South sitework. Given the small laydown area we must work with, there is not adequate room to stage vast quantities of
material onsite at any given time. This requires all vendors to coordinate “just-in-time” deliveries with the McGough
Superintendents and Foremen in order to create an efficient and effective delivery and installation work flow. Project team
members are utilizing a small “boneyard” at the base of the tower crane where they are storing the steel going in that same day.
As always, safety is our #1 priority on this project and all McGough projects alike. We strive to make sure every worker, faculty
member, and student goes home safely each and every night. We have installed temporary provisions to protect all students and
faculty from the increased traffic. We implore everyone to practice “Heads up Commuting” while walking or biking in this area. If
you have any ideas on how to improve any of these safety measures as you come upon them, please speak up! Additionally,
please feel free to tune in to Carleton’s live webcam to view our progress at the following web address:
https://apps.carleton.edu/campus/doc/Sci_Plan_Const/Updates/


6/7/19. Stair 2 system at Café. Paint stair 1 and East Ear Muff interiors.

Week of June 10th – Vol 2 Utility Work: Excavate, pipe, test, insulate, and backfill phase 2 of Volume 0. Pipe install process at Red
tunnel begins. Pipe install process at Lyman tunnel continues. Demo soffit in Norris.

Building 6/12/19.

Upcoming Owner Coordination Items:

- Olin
  - Relocate roof screening wall

- Hulings
  - Interior build out at new 2nd floor infill where stairwell existed
  - Complete penthouse work (Roof)
This and next week’s highlighted focus:
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Volume 2 Logistics Plan

Red Tunnel
5-13-19 to 8-12-19

Lyman Tunnel
5-28-19 to 7-9-19

Yellow Tunnel
5-13-19 to 8-30-19

Green Tunnel
5-13-19 to 8-7-19

Reunion
Reunion Event Space
6/20/19 - 6/23/19

Laydown
Laydown area to expand after Reunion

McGough