TODAY’S DATE: April 5, 2018

UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF APRIL 9TH & APRIL 16TH

Foundation Work/Steel Prep: Our earthwork contractor continues to work side-by-side with McGough’s Concrete group to excavate the remaining interior pad footings in a “just-in-time” manner to prevent the ground from freezing before the concrete can be poured. McGough concrete group is approximately 100% complete with Phase D walls, 85% complete with Phase C walls, 50% complete with Phase G walls, and 50% complete with Phase E upper walls (see next page). Interior pad footings and piers continue to be poured before any further vertical progress can be made. Due to the size of the building footprint, site logistics and constant communication have been critical items for all trades to execute their work efficiently and effectively. In order to maintain soft ground conditions surrounding the steam tunnel that will extend to the new Science Complex on the South end and enter East Energy Station underground, a ground thaw unit has been installed and will continue to be utilized until the weather reaches an appropriate temperature when the ground no longer has any frost. This helped the underground utilities to be installed within the East Energy Station that wrapped up last week. The slab on grade concrete within the East Energy Station was poured this week, signifying the first slab on grade pour on the project. Right now, Phase 2 of steel erection will begin around April 18th. This is a critical milestone to hit for all project stakeholders as this signifies the end of foundation work and the beginning of superstructure construction.

The campus, and surrounding neighborhoods, can continue to expect heavy multi-axle truck traffic next week as we continue to move material to and from the project site along Olin Road. Please note that concrete trucks will continue making regular visits multiple times a week with crews working to pour out the foundation of the building footprint. When steel erection begins in earnest in a couple weeks, the daily concrete truck visits will be replaced with daily steel delivery trucks. Given the small laydown area, there is not enough room to stage many materials at any given time. This requires our structural steel 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. As always, safety is our #1 priority on this project and all McGough projects alike. To date there have been no injuries to report—McGough takes this very seriously and we strive to make sure every worker 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/

Week of April 9th – Begin backfilling and installing the new addition underground sanitary and storm pipe North of EES as well as backfill the outer perimeter of EES and complete interior backfill. Continue installing waterproofing of foundation walls. Work in the steam tunnel will begin this week. Lastly, the final foundation wall will be poured by the end of this week.

Week of April 16th – Finish preparations for steel erection, finish pouring interior pad footings and piers. Begin sequence 2 structural steel erection. Continue waterproofing walls as they become ready (past 10 day threshold for curing time).

This and next week’s highlighted focus: