UPCOMING CONSTRUCTION ACTIVITIES: WEEKS OF MAY 14th & MAY 21st

Steel Erection: At this time, our concrete foundation work and substructure is officially complete (misc. concrete work will happen intermittently until we are completely up to grade and begin work on the exterior skin of the building). The tunnel coming in to the South side of East Energy Station is 100% complete (the lid of the tunnel was poured out last week). Due to the size of the building footprint, constant communication has been critical for site logistics for all trades to execute their work.
efficiently and effectively. There is one-way in and one-way out of the site, which has created numerous logistical obstacles to overcome as a team. Bolander (McGough’s Earthwork/Utility contractor) is continuing to backfill soil around the perimeter of the East Energy Station in an effort to begin work on the exterior façade of the new addition. **STRUCTURAL STEEL ERECTION HAS BEGUN.** This is a HUGE milestone for the project team as this is currently driving our construction schedule. Road restrictions were lifted on Monday, 4/30/18; this is great news as this had no impact to our schedule—phew! Danny’s Construction (McGough’s steel erection partner) will continue to erect steel at a swift pace. According to our sequencing plan (refer to the pictogram on the last page), they are erecting the entire first floor before they erect the west half of the building up to the new roof elevation and then move to the east half to complete the steel erection. This structural steel sequencing was created to comply with industry safety standards to allow the first floor slab-on-metal-deck to be poured, thereby creating a safe environment for contractors to begin working below the newly poured slab on the ground level of the new addition.

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 steel erection has begun in earnest and steel delivery trucks will continue to make daily visits until the building is completely erected. Given the small laydown area, there is not adequate room to stage vast quantities of materials onsite 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. They 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. To date there have been 2 very minor injuries reported; neither of these were “lost time” injuries—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 May 14th** — Steel erection continues on 1st and 2nd floors (Sequences 19 and 22). Concrete equipment pads will be poured inside East Energy Station. Sprinkler piping and metal stud framing will be installed within East Energy Station. The newly finished tunnel will be waterproofed (walls only until the lid has cured for a sufficient amount of time).

**Week of May 21st** — Steel erection continues on 1st and 2nd floors (Sequences 8, 11, and 14). Mechanical equipment will be hoisted into East Energy Station via the area well on the East side. The first interior pull plan scheduling session will take place this week.
This and next week’s highlighted focus: