



During this period of great uncertainty, we feel it is more important than ever to communicate with our neighbors and keep you informed about construction activities underway in the campus west end. In this issue, we will tell you about the current status of the Dartmouth Center for Engineering and Computer Science and the Arthur L. Irving Institute for Energy and Society for the period of April through June.

Please be assured that the health and safety of our community and construction teams are our highest priority.

Structural Steel Work Continues

Assembly of the garage/building steel structure is the primary work taking place now through June at the Center for Engineering and Computer Science. A range of safety protocols have been put in place to prevent transmission of the COVID-19 coronavirus on the job site.

The process to build each floor involves the vertical assembly of steel columns and beams, followed by the placement of horizontal steel decking to support concrete slabs. Currently, columns are being installed at the -1 (minus one) level to reach ground level, and concrete slabs have been poured to complete the lowest two levels of the garage.

- The garage will have three, below-ground floors referred to as -4, -3 and -2, with -4 being the lowest level.
- Vehicles will enter the garage at the -2 level, which will have parking on the east side and the loading dock on the west side.
- Conference rooms and labs will occupy the -1 level, which will walk out to a south-facing courtyard, as shown in the rendering.
- The remaining three levels include a spacious atrium surrounded by research, meeting, and classroom spaces, topped off by the building's mechanical penthouse.

Steel beams, steel decking and concrete slabs form each floor of the Center for Engineering & Computer Science.



South-facing rendering of the Center for Engineering & Computer Science

Traffic Lights are Installed

Traffic lights have been installed at the intersection of West Wheelock Street, West Road, and Engineering Drive. For the time being, the town of Hanover has not yet fully programmed the lights, as they blink yellow along W. Wheelock and red at the cross streets.

Signalization of the lights is scheduled to be complete when schools begin in Sept., thereby improving both the flow of traffic and safety of cyclists and pedestrians. The lights will again be reprogrammed in late summer, 2021 to adjust their timing once the garage and building are opened.



Stay Informed

More information is available on the project website at dartmouth.edu/opdc. Look for:

- Time lapse videos for both west end projects
- An inside/outside video rendering of the Center for Engineering & Computer Science building

Weekly Project Updates on ongoing construction work can be found at dartmouth.edu/opdc.

We're glad to hear your thoughts about our work. Write to us at pdc@dartmouth.edu.

Progress at the Irving Institute

The Institute's foundation has been excavated and structural pile supports have been installed. Major next steps include pouring of concrete to finish the foundation and assembling the steel structure for the building. Near-term work includes:

- Completion of demolition and remediation in the Murdough building which will abut the Irving institute on the Institute's west and north sides
- Rework of some of the existing structure to allow for installation of the new Irving structure
- Coordination of drawings and constructability reviews, so construction work can be expedited in the next several months.