APPLIED RESEARCH
BUILDING

DATE: 8/23/21 - 8/27/21

PHASE: Columns and formwork

FUN FACT
There are 35 columns in total which extend all the way from the ground to the fourth floor. These columns will support the weight of the building structure and distribute it into the caissons underground. The columns will be carefully protected during construction to prevent any damage to the concrete because they will be a visible architectural feature in the building.

Concrete column is stripped of formwork

First vertical pour on site!
APPLIED RESEARCH BUILDING

DATE: 8/23/21 - 8/27/21

PHASE: Transformer Switch

FUN FACT
The transformer function is to transform the incoming Medium voltage (1KV to 35KV) to Low voltage (480V and below).

Transformer relocated - will provide permanent power to the Foundation building.
APPLIED RESEARCH BUILDING

DATE: 8/23/21 - 8/27/21

PHASE: Lab Waste Plumbing

FUN FACT
The lab waste plumbing extend along the building from north to south and is approximately 3'-4' below ground. The white pipe is for sanitary sewer and building waste, whereas the blue pipe is for lab waste.

In process of connecting the pipes

Excavations for underground pipe
- Continue Vertical Structure concrete pours.
- Grade Beams and Foundations complete reinforcing, inspection and pour concrete.
- Assemble tower crane - Traffic plan on the next page
- Electrical infrastructure South Loop tie-in completion to restore redundancy to BioTech loop.
- Tower Crane delivery and erection will take place 4:00AM Thursday, 9/9/21 through 6:00PM Friday, 9/10/21
- Highland Pathway traffic open to Helen Street, Pedestrian and Bike traffic re-routed to Mountain Avenue
- Access to Highland Garage permitted on the East side
- Access to Highland Garage not permitted on the West side
- Parking at the AME Building remains opens during delivery and erection
- Foundation Building access and alleyway affected, no access in designated fly zone
- North side of Helen closed, sidewalk not accessible Campus Infrastructure Project.