Cornell Tech Community and Construction Taskforce

July 28, 2014
Overview

- Demolition and abatement update
- West roadway
- Tree update
- Mural conservation
- Barging statistics
Progress Update – Phase 1

Building C
• Ready for structural demolition
• Awaiting DOB permit

Building D
• Ready for structural demolition

Building F
• Ready for structural demolition

Building H
• Ready for structural demolition
Demolition – Phase One Buildings

Interior work complete in all Phase One buildings.
Awaiting structural demolition.
Demolition
Demolition
Progress Update – Phase II

Building A
• Ready for structural demolition

Building B
• Interior demolition: 100% complete
• Interior abatement: 50% complete
• Roof: not yet begun

Building E
• Interior demolition: not yet begun
• Interior abatement: not yet begun
• Roof: not yet begun

Building J
• Ready for structural demolition
Demolition – Building B

Fully sealed with ongoing abatement operations.
West Roadway

Looking north
Work over the Coming Months
Tree Update
Tree Evaluations

Cornell has worked extensively with a large team to evaluate options to preserve trees on site.

The team has consisted of:
• Landscape architects
• Cornell University arborist
• Local NYC arborist
• Civil engineers
• Roadway utility contractors
• Construction Management teams
Tree Protection

- Tree protection measures have been implemented.
- Regular site visits performed by the arborist.
Tree Removals

- Tree removals are complete with the exception of 7 trees in the southwest corner.
Trees Numbers 1 & 2 (Pin Oaks)

- Pink stakes represent the new curb line resulting from the required roadway widening.
- The new electrical ductbank will be installed just west of the curb.
- Problems arise from severed roots from trenching and elevation changes.

Looking south
Trees Numbers 1 & 2 (Pin Oaks)

- The design team studied providing a bump out as is being done in the north.
Trees Numbers 1 & 2 (Pin Oaks)

- Excavation – retaining wall
- Excavation – duct bank
Tree Number 3 (London Plane)

- Recommended for removal due to tree health.
Tree Number 4 (London Plane)

- There is a large cavity extending through most of the trunk which is hollow.

- Our arborists have assessed that the structural integrity of the tree is compromised.
Tree Number 5 (Silver Maple)

The current curb line must be modified due to:

- Sight line issues
- Corner turning radius
Tree Numbers 6 & 7 (London Planes)

- Current curb location prevents safe passage of cars.
Tree Numbers 5, 6 & 7
Murals Update
Murals – work continues in conservation studios
Murals – Bolotowsky reinstallation
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Murals – Bolotowsky reinstallation
Barging

- In total, nearly 2,800 tons of waste have been removed with barging.
Barging

• Including mobilization, a total of 1,520 truck trips have been avoided as of July 1, 2014.