Cornell Tech Community and Construction Taskforce

October 27, 2014
Overview

- Demolition and abatement update
- Barging statistics
- Southwest corner
- Upcoming work
  - West Roadway
  - Central Utility Plant (CUP)
  - First Academic Building (FAB)
Site Overview

Phase One

Phase Two

Bldg J  Bldg A  Bldg B  Bldg E

Bldg C  Bldg H  Bldg D  Bldg F
Progress Update – Phase 1

Building C
• Operations complete

Building H
• Façade removal: complete
• Structural demolition: complete
• Foundation demolition: not yet started

Building F
• Façade removal: anticipated finish by 10/27
• Structural demolition: anticipated finish by 10/31
• Foundation demolition: not yet started

Building D
• Façade removal: start 11/3
• Structural demolition: not yet started
• Foundation demolition: not yet started

Foundations for Buildings H, F, & D will all be removed concurrently.
Demolition – Façade Removal
Interior work complete in all Phase One buildings.
Awaiting structural demolition.
Demolition – Foundation Removal
Progress Update – Phase II

Interior abatement and demolition work complete in all buildings.

Roof abatement work on Bldg. E complete late October 2014.

Buildings J, E, A & B are all ready for structural demolition.
• Building J: anticipated start date of November 2014
• Building E: anticipated start date of December 2014
• Building A: anticipated start date of January 2015
• Building B: anticipated start date of April 2015
Barging Statistics
Barging

- As of October 1st, approximately 6,900 tons of waste have been removed by barge.
Barging

- Including mobilization, approximately 3,350 – 3,600 truck trips have been avoided as of October 1, 2014.
Murals

Current state of the murals
(post-overpaint removal, pre-canvas repair and inpainting)

Albert Swinden mural

Joseph Rugolo mural
Murals

Removal, conservation, and restoration by EverGreene Architectural Arts
Southwest Corner
Trees

• Last meeting, Cornell presented design impacts on 7 trees in the southwest corner.
• Two trees (#3 & #4) have significant health issues.
• At the Taskforce’s request, options involving going into RIOC property were explored.
Southwest Corner Roadway, Bikeway, & Sidewalk
Presented at July 28, 2014 Taskforce Meeting

Standard Dimensions

Roadway (preferred): 32’
Roadway (minimum): 26’
   (limited locations only)

Sidewalk (preferred): 8-10’
Sidewalk (minimum): 5’
   (limited locations only)

Bike Lane: 10’
Buffer Zone: 3’
Southwest Corner Roadway, Bikeway, & Sidewalk
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Southwest Corner Roadway, Bikeway, & Sidewalk
Option 1
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 1

Roadway: 32’
Sidewalk:
Buffer:
Trees Preserved:
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 1

Roadway: 32'
Sidewalk:
Buffer:
Trees Preserved: 22.5'
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 1

Roadway: 32'
Sidewalk:
Buffer:
Trees Preserved: 22.5'
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 1

Roadway: 32’

Sidewalk: 10’ on West Loop Road
5’ on South Loop Road

Buffer:

Trees Preserved:
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 1

Roadway: 32’

Sidewalk: 10’ on West Loop Road
5’ on South Loop Road

Buffer: No overlap

Trees Preserved:
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 1

Roadway: 32’

Sidewalk: 10’ on West Loop Road
5’ on South Loop Road

Buffer: No overlap

Trees Preserved: 2 on South Loop Road
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 2
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 2

Roadway: 32’, 26’ at bus turn

Sidewalk:

Buffer:

Trees Preserved:
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 2

Roadway: 32’, 26’ at bus turn

Sidewalk: 10’ on West Loop Road
5’ on South Loop Road & corner

Buffer:

Trees Preserved:
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 2

Roadway: 32’, 26’ at bus turn
Sidewalk: 10’ on West Loop Road
5’ on South Loop Road & corner
Buffer: Overlap
Trees Preserved:
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 2

Roadway: 32’, 26’ at bus turn
Sidewalk: 10’ on West Loop Road
5’ on South Loop Road & corner
Buffer: Overlap
Trees Preserved: 2 on South Loop Road, potentially corner tree
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 3

CORNELLNYC TECH
ROAD REALIGNMENT SKETCH
EXISTING INNER CURB
SCALE: 1”=20’
DATE: 10-21-2014
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 3

Roadway: 32', 26' at bus turn

Sidewalk:

Buffer:

Trees Preserved:
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 3

Roadway:  32’,  26’ at bus turn

Sidewalk:  10’ on West Loop Road
           5’ on South Loop Road & corner

Buffer:

Trees Preserved:
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 3

Roadway: 32’, 26’ at bus turn
Sidewalk: 10’ on West Loop Road
5’ on South Loop Road & corner
Buffer: Overlap
Trees Preserved:
Southwest Corner Roadway, Bikeway, & Sidewalk
Option 3

Roadway: 32’, 26’ at bus turn
Sidewalk: 10’ on West Loop Road
5’ on South Loop Road & corner
Buffer: Overlap
Trees Preserved: 2 on South Loop Road, potentially corner tree
Upcoming Work

- West roadway
- Central Utility Plant (CUP)
- First Academic Building (FAB)
West Roadway
Central Utility Plant (CUP)

- Construction Manager has been selected
- Drawings are currently in the bid phase
- Excavation/Foundation slated to begin in December 2014
First Academic Building (FAB)

- Currently selecting Construction Manager
- Commencing removal of abandoned pipes in foundation footprint
- Anticipated groundbreaking January 2015