American University East Campus
September 17 Community Meeting
Agenda

Work completed & approvals secured (7:00 - 7:10)

Approved DDOT trucking routes & traffic control plan (7:10 - 7:30)

Construction management update (7:30 – 7:45)

6-month scheduled look-ahead (7:45 - 8:00)

Outstanding items: landscaping, home inspections (8:00 - 8:10)

Q & A (8:10 - 8:30)
Work Completed & Approvals Secured

DDOT Tree Removal Permit Approved May 21, 2014
- Trees transplanted to Westover buffer
- Trees removed from parking islands and building footprint
- Existing irrigation to maintain transplants repaired

DCRA Construction Trailer Permit Approved May 23, 2014
- Construction trailers installed
- Temporary electrical to trailers installed

DCRA Construction Fence Permit Approved July 7, 2014
- Site barricade and fencing installed
Work Completed & Approvals Secured

DDOE Erosion and Sediment Control Plans Approved June 17, 2014
- Sediment and Erosion Control measures in place

DCRA Sheeting and Shoring Permit Approved July 15, 2014
- Piles started September 10, 2014

DC Water Temporary Discharge Permit Approved July 15, 2014
- to sanitary sewer manhole on Nebraska Avenue

DDOT Truck Routes & Traffic Control Plan Approved July 23, 2014
- Traffic control signage in place

DCRA/DDOE Dewatering Well Permit Approved August 27, 2014

DCRA Foundation to Grade Permit Approved September 12, 2014
TRUCK ROUTING FOR:

PHASE 1: EXCAVATION AND FOUNDATION WORK
FROM 07/28/2014 TO 11/29/2014
ANTICIPATED MAJOR CONSTRUCTION TRAFFIC
-20 TO 30 DUMP TRUCKS WITH 80 TO 100 TRIPS

PHASE 2: FOUNDATION TO GRADE
FROM 10/13/2014 TO 04/13/2015
ANTICIPATED MAJOR CONSTRUCTION TRAFFIC
-FOREGROUND 20 TO 30 DUMP TRUCKS WITH 80 TO 100 TRIPS
-CONCRETE 10 TO 15 CONCRETE TRUCKS WITH 20 TO 40 TRIPS

TRUCK ROUTING LEGEND

1. FROM POINTS NORTH (CARRY CONSTRUCTION TRAFFIC TO FOLLOW THIS ROUTE)
2. FROM POINT NORTHWEST (CARRY CONSTRUCTION TRAFFIC TO FOLLOW THIS ROUTE)
3. FROM POINT WEST (CARRY CONSTRUCTION TRAFFIC TO FOLLOW THIS ROUTE)
4. FROM POINT SOUTH (CARRY CONSTRUCTION TRAFFIC TO FOLLOW THIS ROUTE)
5. FROM POINT EAST (CARRY CONSTRUCTION TRAFFIC TO FOLLOW THIS ROUTE)

INCOMING
OUTGOING

CONSTRUCTION TRAFFIC WILL BE STAGED ON SITE.
NO RESIDENTIAL STREETS PARKING OR STAGING.
DDOT Approved Traffic Control Plan

- Trucking Hours: 7:30am – 4:00 pm (Monday-Friday)
- Nebraska Avenue: left-in / left-out (non-rush hour only)
Trucking

- Site access at existing Nebraska & New Mexico Avenue curb cuts
- No truck traffic on neighborhood streets
- Flagmen at entrances
- Loading and unloading on site
- Construction traffic staged on site
Construction Management

Work hours
  - Monday through Friday, 7:30 am – 4:00 pm

Construction parking
  - No residential neighborhood street parking allowed
  - Onsite parking for workers
  - Carpooling and shuttling for construction workers
  - Metro rail and bus, AU shuttle
  - Use of underground garage when available
Dust, debris and pest control

- Dust control measures
- Street cleaning
- Control of wind-blown debris
- Monitoring of job site perimeter, sidewalks and streets
- Pest control measures
## Construction Management

### East Campus Project

#### Six Month Look-Ahead Schedule

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Soldier Pile and Lagging System

- Retains earth outside the area of excavation
- Installation is completed in phases
  - Soldier pile installation
  - Excavation and lagging done concurrently in lifts to the bottom of the excavation
- System is abandoned in place upon completion and backfilling of foundations
Construction Management

Dewatering System
- Draws groundwater level down to below target depth of excavation to keep the site clear of water
- A vacuum pump system that
  - draws water down by a series of well points around the entire excavation drilled to below the target excavation depth
  - interconnected by a closed piping system
  - for processing through a settlement tank and testing before discharge
Construction Management

Foundation to Grade

- Geopier system - holes are drilled into the ground, filled with gravel or crushed stone and compacted to desired density and bearing capacity
- Reinforced concrete caps or footings are poured on top on the piers
- Reinforced foundation walls or columns are then constructed on top of the concrete caps or footings
- Reinforced concrete decks are constructed on top of the columns and walls to the level of the plaza
American University Team

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Q & A