



Welcome to Wheaton Revitalization News!

Wheaton Revitalization News is an email distribution list that will provide frequent updates to the surrounding community on the Wheaton Revitalization project. The purpose of this distribution list is to provide you with project updates and construction activities. For additional information on the Wheaton Revitalization Project please visit <http://www.wheatonproject.com>

Look Ahead - Week of March 11 to March 17, 2018

Executive Summary

The project continues to track on-schedule and within budget. The key activity on site this week is plumbing of the geothermal system. See Geothermal System below.

Demolition of the Mid-County Regional Services Center (RSC) Building

Demolition of the Regional Services Center (RSC) Building commenced on Monday, February 12. Demolition and cleanup is expected to take 6-8 weeks to complete.

The contractor continues to carefully dismantle the RSC building where it adjoins the Triangle Building to its north.

In addition to dismantling the RSC building where it adjoins the Triangle Building, the contractor commenced with the larger scale demolition with the use of a hydraulic excavator with a special attachment to chew away at the structure. (see photo)

The area adjacent to the demolition is protected by fencing and plywood barriers. WMATA has reviewed and approved the building demolition plans including areas of close proximity to WMATA operations.

Traffic operations along Reddie Drive have not been affected by the demolition and pedestrian movement will remain unchanged except for the closure of the "cut through" walkway adjacent to the Regional Services Building leading from Reddie Drive to the Metro stairs. Signage will be posted.

Foundation Construction

Construction of the building foundation is ongoing.

The contractor continues with construction of individual concrete footers. All footers are tied into underlying rock, 10 feet below the footers, with the use of down anchors. Tie-down anchors were drilled earlier in the project and are 20-foot long steel rods that are embedded and grouted into underlying rock typically 10 feet beneath the building

foundation. The tie-down will offset any hydrostatic pressure of normal elevations of groundwater present at the site.

Geothermal System

Plumbing of the geothermal wells is the key activity on the project this week.

The 150 geothermal wells are now being connected (plumbed) in 15 wells circuits. In all, ten 15 well circuits will be developed and tied into a single manifold at entry to the building. Each circuit is pressure and flow tested before being tied into the circuit. This horizontal plumbing will continue over the next several weeks after which the 18-inch steel reinforced foundation slab will be placed.

Site Dewatering

Foundation construction requires the continuation of site dewatering. Generally speaking, the 16-deep dewatering wells, operating around-the-clock, are pumping 30 gallons of groundwater per minute (30gpm), half of what was expected. This clean water is discharged into the storm drain system as designed. All water discharged from the site is tested and treated for proper pH levels, if necessary, per the Maryland Department of Environment (MDE) requirements.

Follow Project Progress via the Project Camera

A camera has been installed to view construction on the site. [Click here](#) to access the camera.

Upcoming and Ongoing Activities

- Foundation construction
- Horizontal piping for Geothermal System
- Monitoring Inclinometer stations for embankment movement
- Monitoring 3-D survey points on Support of Excavation system
- Testing and monitoring of groundwater discharge water

Project Milestone Schedule

Activity	Complete
Demolition of RSC Bld.	March 2018
Building tie-down anchors	March 2018
Geothermal Piping	March 2018
Foundation Construction	Summer 2018
Utility Installation	August 2018
Town Square	Summer 2019
Building top-out	August 2019
Building close-in	October 2019
Interior build-out	Spring 2020
Substantial Completion	May 2020
Move-in (occupancy)	Summer 2020



RSC Demolition Progress



Geothermal Piping

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