



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 April 1 to April 7, 2018

Executive Summary

The project continues to track on-schedule and within budget. The key activity on site this week remains 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 is complete (see photo below). The location of the former Regional Services Center will become the new home to the Wheaton Town Plaza. Construction of the Town Plaza is scheduled to begin this summer.

Foundation Construction

Construction of the building foundation awaits the finalization of the geothermal well installation and testing. All geothermal work is expected to be completed by early-May. Meanwhile, as individual geothermal circuits (15 circuits) are completed and tested, stone placement and waterproofing will commence in preparation for building foundation construction.

Geothermal System

Plumbing of the geothermal wells remains the key activity on the project this upcoming 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 reinforced concrete 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

- Horizontal piping for Geothermal System
- Pressure testing and flow testing of the geothermal system
- Backfilling of the geothermal system
- Placement of stone as the foundation base
- Placement of concrete mud mat
- Waterproofing atop concrete mud mat
- 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.	Complete
Building tie-down anchors	Complete
Geothermal Piping	April 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



Former site of Regional Services Building



Geothermal Piping

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