



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 August 27 to September 2

Geothermal Drilling

The Contractor will continue with the Geothermal Drilling operation during the upcoming week of August 27. The installation of the Geothermal tubes (U-Bends) and the grouting operation will continue as well. In all, 125 of the 150 (83%) wells have been drilled and 80 (60%) of the UBends (Geothermal tubing) have been installed and successfully grouted.

The Geothermal drilling operation is expected to be completed on September 9 and the Geothermal Grouting operation is expected to be completed on September 23.

Thus far, while a little noisy, the overall geothermal operation (drilling and grouting) has had no effect on vehicular traffic or pedestrian activity.

Activation of Deep Wells

Mass excavation and construction of the building foundation require dewatering of the groundwater table, which is roughly 14 feet below the ground surface. The dewatering process will lower the groundwater table to a point below the proposed foundation, which is roughly 50 feet below the current ground surface. This will be accomplished with the use of 16 deep wells that were installed over the past two weeks. The wells will be activated on Monday, August 28 and operate continuously over the next 22 months. The wells are powered by electricity and operate quietly in terms of noise.

The groundwater will be discharged into the storm drain system following testing. This is in accordance with the Maryland Department of Environment (MDE) permit issued for the project.

Installation of Support of Excavation System (SOE) System

Equipment and materials deliveries commenced during the week of August 14 (see photo) and will continue this week in preparation of the Support of Excavation System installation. Later in the week, the contractor will mobilize two (2) large drill rigs that will be assembled on-site and expect to commence drilling, placement, and grouting 75

feet long steel piles that are part of the Support of Excavation (SOE) System. In all, 126 steel piles will be installed around the perimeter of the site over the next 3 weeks.

Placement of new Street Lights along Triangle Lane

The old street light system along Triangle Lane was de-energized during the utility relocation process. Over the past two weeks, temporary light towers have been used to provide street lighting.

On Monday, August 28, the contractor will install and activate new street lights attached to the relocated utility poles along Triangle Lane. This work will require several hours of overhead electrical work above Lot 13 and Triangle Lane performed from a boom truck. To accommodate this work safely, several parking spaces in Lot 13 will be temporarily disrupted between the hours of 6:00 AM and noon. The overhead electrical work along Triangle lane will be completed before 9:00 AM with minimal disruption to pedestrians and local businesses.

Installation of Inclinometer Stations

An Inclinometer is an electronic instrument used for monitoring subsurface movements and for verifying stability of slopes and embankments. Inclinometer stations are casings similar to a PVC pipe casing that are placed 30 feet deep for monitoring underground movement, if any. Once the casing is installed, the Inclinometers will be inserted and readings taken on a continuous basis during the excavation process to observe and measure any movement of the subsurface.

Within the next two (2) weeks, seven (7) Inclinometer measuring stations will be installed around the perimeter of the site to monitor the stability of all slopes during excavation activity. Installation of the Inclinometer Stations requires a small drill rig to drill seven (7) six-inch diameter holes 35 feet deep at all seven (7) locations. The Inclinometers will be located outside of the construction fencing, roughly 10 feet away from the excavation itself. Disruptions caused by drilling operation will be kept to a minimum, as this work will occur outside of the construction fencing and in the pavement of Reddie Drive and Triangle Lane.

Two (2) Inclinometer stations will be installed along Grandview Avenue, three (3) Inclinometer stations will be installed along Triangle Lane, one (1) station will be installed along Reddie Drive, and one (1) station installed north of the proposed building site inside the work area.

Ongoing and Planned Activities:

- Material and equipment deliveries will continue for the Support of Excavation System.
- Drilling for and placement of steel piles for the Support of Excavation System will commence late in the week of August 28.
- Geothermal well drilling and grouting continues throughout the upcoming week.
- Activation of the dewatering system will occur on Monday, August 28.
- New streetlights will be installed along Triangle Lane on Monday, August 28.
- Testing and monitoring of groundwater will continue.
- Installation of Inclinometer Stations will be scheduled (likely week of September 4).



Offloading Steel (Soldier) Piles - August 25, 2017

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