



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 20 to August 26

Geothermal Drilling

The Contractor will continue with the Geothermal drilling operation during the upcoming week of August 20. Likewise, the insertion of the Geothermal tubes (See Photo) and the grouting operation will continue along with the borehole drilling.

Allied Drilling, the Geothermal Drilling Contractor, continues with three (3) large drill rigs successfully completing 112 of the 150 geothermal boreholes. Thus far, progress has been very good and 75-percent of the drilling is now complete. Allied Drilling has a forth crew on-site inserting the Geothermal UBends (See Photo of Geothermal tubing) followed by grouting wells that were previously drilled and capped. The grouting operation will continue to follow the drilling operation over the next 5-weeks. Installation of the Geothermal system will wrap-up in mid-September.

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

Installation of Deep Wells

The contractor mobilized a fourth drill rig and completed 16-deep wells for dewatering the site. This activity is unrelated to the Geothermal system. The contractor is currently installing an aboveground PVC piping system connecting the wells for collection and discharge of groundwater. All groundwater will be tested prior to discharge in accordance with the Maryland Department of Environment (MDE) permit issued for the project. The deep wells will serve to dewater the site of groundwater in advance of the mass excavation operation scheduled to commence in early-September.

Installation of Support of Excavation System (SOE) System

Equipment and materials will be arriving this week in preparation for the Support of Excavation System installation. The contractor will mobilize two (2) large drill rigs, both of which will be assembled on-site, and drill, place, and grout

75-foot long steel piles around the perimeter of the site as part of the Support of Excavation (SOE) System. In all, 126 steel piles will be installed over the span of the next 3-weeks.

Installation of Inclinator Stations

An Inclinator is an electronic instrument used for monitoring subsurface movements and for verifying stability of slopes and embankments. An Inclinator station is a pipe casing such as a PVC pipe placed 30-feet deep for monitoring underground movement, if any. Once the casing is installed, the Inclinator is inserted and readings taken on a continuous basis during the excavation process to observe and measure any movement of the subsurface.

Seven (7) Inclinator measuring stations (in all) will be installed around the perimeter of the site to monitor the stability of all slopes during excavation activity. Installation requires a small drill rig to drill six-inch diameter holes 35-feet deep for insertion of the casing. The Inclinator will be located outside of the construction fencing, roughly 10-feet away (distant) from the excavation itself. Disruptions caused by drilling for the Inclinator stations will be kept to a minimum as this work will occur outside of the construction fencing and located in the pavement of Reddie Drive and Triangle Lane.

Two (2) Inclinator stations will be installed along Grandview Avenue, three (3) Inclinator 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.

Disruptions during the drilling operation for installation of the pipe casings will be kept to a minimum. Drilling for the three stations along Triangle Lane will be undertaken prior to 9am on the day of the drilling as to not affect traffic or business operations.

Following installation, the Inclinator Stations will appear as a small utility cover (such as a water meter lid) and not present any disruption or inconvenience to traffic or pedestrians.

Ongoing and Planned Activities:

- Geothermal well drilling and grouting continues throughout the upcoming week.
- Installation and activation of the dewatering system will proceed.
- Testing and monitoring of groundwater will commence.
- Installation of Inclinator Stations will commence.
- Haul-off of soil spoils resulting from the current drilling operations will begin.



Installing the Geothermal Tubing 650-feet Into the Borehole (August 18, 2017)

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