



## **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 July 16 to July 22**

Site activities during the week of July 16 will continue with the Geothermal Drilling operation started during the previous week. Allied Drilling, the Geothermal Drilling Contractor, has mobilized three (3) large drill rigs and has successfully bored the first twelve (12) geothermal boreholes 650-feet deep, including placement of a 6-inch diameter casing to preserve the integrity of the borehole.

Boring the hole and inserting the casing is the first step in the Geothermal Well process. Following the borehole and its casing, the contractor will insert the geothermal tubing 650-feet deep into the hole. Following insertion of the geothermal tubing, the contractor will (then) grout inside the casing to fully encase the geothermal tubing with a special thermal conductivity grout. A Geothermal Thermal Engineer inspects and photographs this process very closely. In all, 150 fully developed Geothermal Wells will be completed over the span of the next 11 weeks.

### **Ongoing and Planned Activities:**

#### **Mobilization**

- Contractor and Montgomery County Department of Transportation (MCDOT) continue the mobilization process, both physically and administratively.

#### **Sediment and Erosion Controls**

- Sediment and Erosion Controls will be monitored and maintained on a daily basis.

#### **Traffic Controls**

- Traffic Controls will be monitored and maintained on a daily basis.

#### **Pedestrian Controls**

- Pedestrian movement and pedestrian safety will be monitored and maintained on a continuous basis.

## Project Signage

- All project related signage will be reviewed and adjusted on a daily basis.

## Geothermal Drilling

- The new building will include a Geothermal System to provide roughly 30 percent of its energy needs.
- This system extracts energy from the earth for use to heat and cool the new building.
- The Geothermal system will include 150 individual wells drilled up to 600 feet deep for extracting energy and its transfer to the building.
- Drilling will take place over the next 11 weeks.



**Typical Geothermal Drill Rig**

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