

# Meadow Creek Interceptor Construction Update

## March 3, 2011

### **Contract A:**

#### ***Pen Park to Holmes Avenue***

The pipeline easement has been cleared and the alignment benched to create a level working area. Sediment and erosion control measures have been put in place.

Pipeline installation has been completed across the Old Wastewater Treatment Plant site, the stream crossing adjacent to Locust Meadows, and an additional 200' to the base of Locust Lane Court.

Metra has now relocated operations to the Meadow Creek Golf Course and has laid pipe across the golf course and is in the process of final backfill and grading in preparation to install new sod. They will then resume work through Locust Meadows and St. Charles Place within the next two weeks.

Blasting will be required upstream of the aerial crossing. Pre-Blast surveys of the adjacent properties along Locust Lane Court, Locust Lane and St. Charles Court have been completed to establish a baseline of the condition of structures which will be in the vicinity of the blasting.

Metra has conducted a significant amount of blasting in the WWTP area. The design and construction team has evaluated the blasting seismic data to calibrate the minimum effective blast for use when operations commence closer to inhabited structures.

#### ***Rio Road Crossing***

The tunnel under Rio Road has been progressing; to date the tunnel has been driven 220' of the required 317' bore which puts them under the radio tower property. Metra, since removal of the boring subcontractor, has elected to continue the tunneling operations themselves and is currently making progress of 7' per day. The ground conditions are currently good and they are mining through shale like rock which can be removed with jack hammers; blasting is not currently necessary. Should they again encounter "Greenstone" blasting will resume at that time.

**Contract B:**

***Greenbrier Park from Norfolk Southern to Brandywine Drive***

The pipeline easement and construction accesses have been cleared and the alignment benched to create a level working area. Sediment and erosion control measures have been put in place.

Metra has completed pipeline operations from the tie in point adjacent to the Meadow Creek Parkway, through the tunnel below the Norfolk Southern Railroad and through Greenbrier Park to a point 300' from Brandywine Drive. They have begun to demobilize from the area and have started the process of final grading, installation of manhole covers and the relocation of the bypass system for the crossing of Brandywine Drive. Wet conditions are hampering final compaction in the area of the railroad tunnel but it is anticipated that final grading can be completed in the next few weeks, weather permitting.

Metra has proposed a weekend closure of Brandywine Drive to shorten the impacts to traffic. If approved by the City of Charlottesville, this would allow the pipeline to be installed over the course of a single weekend instead of approximately 10 days of overnight work and its' noise impacts on the community. This work is anticipated during the next 30 days subject to approval.

***Brandywine Drive to Pepsi Place***

The pipeline easement and construction accesses have been cleared and the alignment benched to create a level working area. Sediment and erosion control measures have been put in place.

Metra has begun pipeline installation behind the Pepsi Plant installing 1400' since operations resumed 1/31/2011. The pipe bursting in the Brook Mill area has been completed. Of note this pipe bursting activity is one of the longest "Upsizing" pipe bursts ever successfully completed.

***Pepsi Place to Emmett Street***

The bore below route 250 has been completed. Metra is laying pipe through the City Gardens area and should complete this week.

Work on the Hydraulic Road Bore should begin in the next 30 days.

**Contract C (RWSA Pipeline installed as part of the Meadow Creek Parkway project):**

Certificate of Substantial Completion has been issued.