

## Meadow Creek Interceptor Construction Update December 22, 2010

### **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.

The Contractor (Metra Industries) continues to stockpile pipe, bypass pumping equipment, trench shoring boxes, bedding stone and heavy equipment at the Pen Park Lane Staging Area (the old wastewater treatment plant (WWTP) site).

The stream crossing adjacent to the aerial crossing has been completed and the pipeline installation work at the WWTP is on-going.

Metra has been blasting in the WWTP area without incident. The design and construction team are continuing to evaluate the blasting seismic data to calibrate the minimum effective blast for use when operations commence closer to inhabited structures.

Metra has completed the majority of the pipeline installation in the old WWTP site and is in the process of relocating the bypass system to facilitate work in both the Penn Park Golf Course and in the Locust Meadows/St. Charles neighborhoods.

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. It is anticipated that production blasting in these areas will begin in the next two weeks.

#### Rio Road Crossing

To date the boring subcontractor (BoreCo) has installed approximately 152' of the required 317' bore which puts them out from under Rio Road. Given the slow progress of the bore the engineer has approved blasting. There should be minimal interruption of traffic associated with this effort with only the need to shut down Rio for 5 to 10 minutes during the blast to insure public safety.

**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 installed approximately 2400' of pipe since operation began on September 28<sup>th</sup> and is in the process of testing the pipe and manholes.

With the completion of the bore under the Norfolk Southern Railroad Metra is tying in the lower end of the sewer and site restoration efforts will begin after the New Year.

Metra has cleared north of Brandywine Drive and is stock piling pipe in the area.

Norfolk Southern Crossing

The Bore has been completed and pipe has installed.

Route 250 Bypass Crossing

Boreco has installed approximately 140' of the 156' casing pipe.

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

Certificate of Substantial Completion has been issued, and all work is complete.