

Meadow Creek Interceptor Construction Update January 31, 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.

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 operation to the Meadow Creek Golf Course and is laying pipe across the golf course, an activity which needs to be completed during the low use period of the winter. Work in the Golf Course is required to be completed by the end of February at which point work will again resume through Locust Meadows and St. Charles Place.

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 suffered significant delays due to the release of the tunnel boring sub-contractor whose progress was unsatisfactory. To date the tunnel has been driven 160' of the required 317' bore which puts them under the stream between Rio Rd and the radio tower. Metra has elected to continue the tunneling operations themselves and is currently making progress of 4' per day. Because of ground conditions which consist of extremely hard "Greenstone" the engineer has permitted blasting. Currently blasts are occurring once every two days but it anticipated that the frequency will increase as the process evolves. There should be minimal interruption of traffic associated with this effort.

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 560' since operations resumed 1/31/2011 and anticipates they will begin pipe bursting in the Brook Mill area in 3-4 weeks. Pre-construction surveys in the Brook Mill development are on-going.

Pepsi Place to Emmett Street

The bore below route 250 has been completed. Metra is mobilizing equipment and the bypass pump system to the City Gardens area and will be installing pipe over the next month.

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

Certificate of Substantial Completion has been issued.