

# **Rivanna Water & Sewer Authority Meadow Creek Interceptor Upgrade Project FACT SHEET**



## ***What is the Meadow Creek Interceptor?***

- The existing Meadow Creek Interceptor is approximately 22,800 linear feet of pipe and was built in the 1950s by the City of Charlottesville and conveyed wastewater to the old Meadow Creek Wastewater Treatment Plant located near Pen Park Lane.
- The City of Charlottesville conveyed the Meadow Creek Interceptor to the Rivanna Water & Sewer Authority in 1973 through a four party agreement. Following the construction of the Rivanna Interceptor, the Meadow Creek Interceptor now conveys flows to the expanded Moores Creek Wastewater Treatment Plant. It currently conveys approximately 4-5 million gallons per day of wastewater.
- Existing Sewer Pipe – ranges from 21” to 36” in diameter of clay pipe, clay tile lined concrete pipe and ductile iron pipe stream crossings.

## ***Why is the Meadow Creek Interceptor being replaced?***

- Meadow Creek Interceptor has reached the end of its useful life. There have been numerous repairs in the past 5 years due to dilapidating infrastructure and stream migration. The new sewer interceptor will be designed to provide reliable sewer capacity for the community.

## ***What will the new Meadow Creek Interceptor look like?***

- New Sewer Pipe – ranges from 24” to 42” diameter
- Approximately 70% of new sewer pipe will be replaced in the same location
- New aerial stream crossings, road crossings and railroad crossing
- Improved access for operation and maintenance of the sewer

## ***How has the project been designed?***

- Extensive coordination during design with VDOT, U.S. Army Corps of Engineers, National Wetlands Inventory, Nature Conservancy, Rivanna Trails Foundation, Resource Conservation Service, Threatened and Endangered Species Database, and Virginia Department of Historic Resource Database, City Parks Department
- Design Work Completed: Evaluation of Alternatives, Geotechnical Soil Borings, Wetland Delineation and ACOE confirmation, surveying
- Permits obtained or in process: VDOT, Norfolk Southern Permit, VMRC, Army Corps of Engineers, DEQ, Erosion and Sediment Control Permits, coordination with City and County
- Easement Acquisition: Approximately 69 easements needed

## ***What is the projected schedule?***

- Begin Construction: February 2009
- Complete Construction: May 2010