



ARLINGTON COUNTY, VIRGINIA

**County Board Agenda Item
Meeting of July 7, 2007**

DATE: June 27, 2007

SUBJECT: Authorization of Amendment Number 1 to Agreement No. 235-05 between the Arlington County Board and Vanasse Hangen Brustlin, Inc. for additional stream restoration design work.

C. M. RECOMMENDATIONS:

1. Authorize Amendment No. 1 to Agreement No. 235-05 between the Arlington County Board and Vanasse Hangen Brustlin, Inc. for additional design and construction management work for the Windy Run stream restoration project not to exceed \$20,000.00 and an increased contingency of \$3,000.00, which increases the total contract amount to \$89,987.00, the total contingency to \$13,498.05, and the total contract authorization to an amount not to exceed \$103,485.05.
2. Authorize the Purchasing Agent to execute the contract documents for Amendment Number 1 to Agreement Number 235-05, subject to legal review by the County Attorney.
3. Authorize up to \$23,000.00 from 101.437405.44103 (storm sewer maintenance) and 519.437405.43544 (sanitary sewer replacement and rehabilitation) to fund the Amendment Number 1 to Agreement 235-05.

ISSUES: None.

SUMMARY: The purpose of Amendment Number 1 to Agreement Number 235-05 is for additional design and construction management work associated with extending the Windy stream restoration project downstream to include the repair of a failed slope adjacent to the Windy Run trail and a County sanitary sewer and the design work associated with the relocation of a County sanitary sewer at the upstream extent of the project.

BACKGROUND: As described in detail in the County's adopted Watershed Management Plan, stream erosion is a County-wide problem for both in-stream and riparian habitat as well as nearby infrastructure. In particular, there are many locations in the County where ongoing stream erosion threatens or has already damaged sanitary sewer infrastructure. Because stream

County Manager: _____

County Attorney: _____

Staff: Jason Papacosma, Department of Environmental Services

valleys are low points in the landscape, much of the County's sanitary sewer infrastructure runs along these valleys as well.

The County Board approved Agreement 235-05 on July 8, 2006, to restore approximately 400 linear feet of Windy Run stream where erosion is threatening sanitary sewer infrastructure, including the Windy Run lift station. The Windy Run stream restoration project will create a stable stream system with improved habitat as well as protect the Windy Run lift station and associated sanitary sewer infrastructure.

DISCUSSION: Amendment Number 1 to Agreement 235-05 is for additional design work associated with extending the Windy stream restoration project downstream to include the repair of a failed slope adjacent to the Windy Run trail and a County sanitary sewer and the design work associated with the relocation of a County sanitary sewer at the upstream extent of the project.

The failed slope downstream from the original project extent resulted from the major storm of June 2006. In this location, severe gullies have formed on the steep slope adjacent to the Windy Run trail and a retaining wall supporting a safety railing at the edge of the trail and slope has collapsed. In addition, a County sanitary sewer located on the uphill side of the trail could be threatened in the near future if erosion continues.

At the upstream extent of the project, an existing County sanitary sewer crosses the stream approximately three feet above the streambed. This situation is less than ideal from an infrastructure maintenance and public health standpoint. Amendment Number 1 would cover additional design work to relocate this sanitary sewer line underground.

FISCAL IMPACT: Upon appropriation, funds for Amendment Number 1 to Agreement 235-05 are available in 101.437405.44103 (storm sewer maintenance) and 519.437405.43544 (sanitary sewer replacement and rehabilitation).