



ARLINGTON COUNTY, VIRGINIA

County Board Agenda Item Meeting of July 8, 2006

DATE: June 21, 2006

SUBJECT: Final Design, and Construction Management Services for Little Pimmit Run Flood Control Project (Little Falls Road to Williamsburg Boulevard, and Williamsburg Boulevard to Old Dominion Drive). Amendment No.1 to Contract No. 82-98 Between the County Board and Michael Baker Jr., Inc.

C. M. RECOMMENDATIONS:

1. Approve Amendment No.1 to Contract No. 82-98 between the County Board and Michael Baker Jr., Inc. to provide additional engineering, final design, and construction management services for the Little Pimmit Run Flood Control Project in the amount of \$134,809.32 and approve an allocation of \$15,000.00 as a contingency for a total contract amendment of \$149,809.32.
2. Authorize the Purchasing Agent to execute the contract amendment documents, subject to review by the County Attorney.

ISSUE: None.

SUMMARY: Changes to the project scope were necessary as the project developed. This amendment to the contract re-defines the remaining scope and identifies remaining costs for the engineering consultant to complete the project.

BACKGROUND: The project extends from the storm sewer outfall near George Mason Drive (upstream limit) to the Fairfax County Line and Little Falls Road (downstream limit). Within this area, there are approximately 30 homes that are within the Federal Emergency Management Agency (FEMA) 100-year floodplain. There is a potential that these homes could be damaged during a severe flood event. Also, within this area of Little Pimmit Run are segments that have erosion problems and unstable stream banks. A major contributing factor to the potential of the area to flood is three existing culverts that are undersized. These culverts are located at Old Dominion Drive, Williamsburg Boulevard, and Little Falls Road. The County has records of drainage complaints from citizens in the area dating from 1985 primarily focusing on flooding at the Williamsburg Boulevard crossing of Little Pimmit Run.

DISCUSSION: The original contract with Michael Baker Jr. was written to allow flexibility to identify alternative solutions to address the flooding, and to allow citizen participation to identify, and evaluate the alternatives. The alternative selected includes replacement of the

County Manager: _____

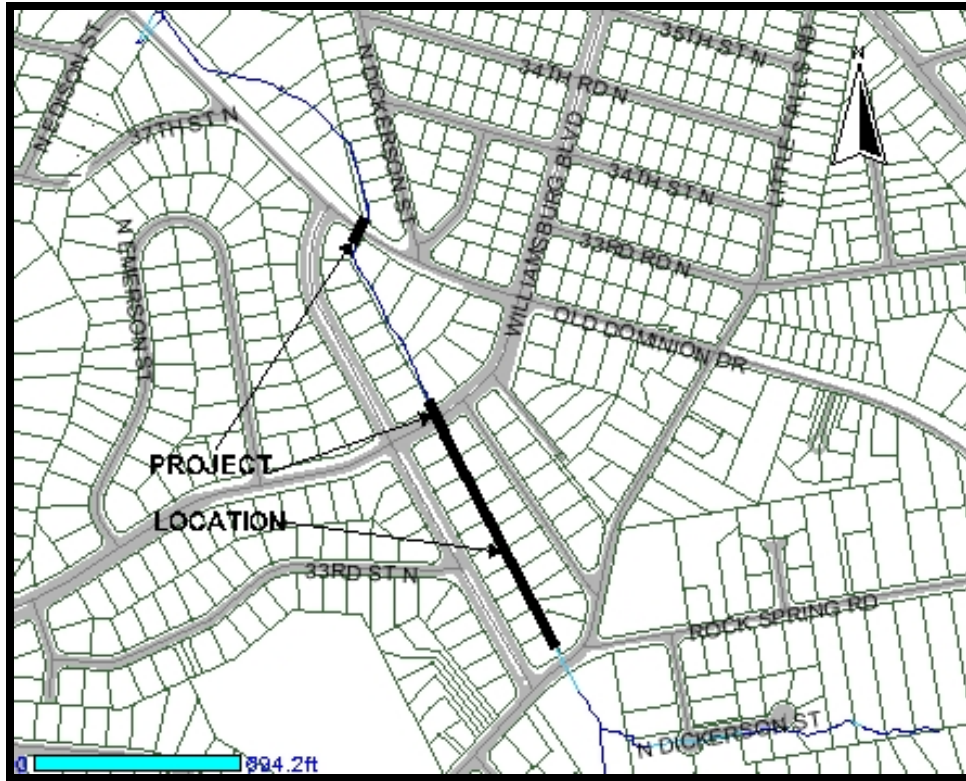
County Attorney: _____

Staff: Robert Froh, DES, Engineering

Pimmit Run culverts at Old Dominion Drive and Williamsburg Boulevard as well as construction of the sidewalks between Williamsburg Boulevard and Little Falls Road. The design of the selected improvements requires specific engineering design that was not identified in the original scope. The additional scope includes tasks such as a scour analysis, structural evaluation, wall design, water quality impact report, and a landscape restoration plan.

FISCAL IMPACT: Funds for the services in this amendment to the agreement are available in the 1996 Street and Highway Bond (Fund 314, CC 43527, Project SD95, SOF SJB, Task 0000).

Vicinity Map



**LITTLE PIMMIT RUN FLOOD CONTROL PROJECT
FROM LITTLE FALLS ROAD TO WILLIAMSBURG BOULEVARD**

AMENDMENT TO CONTRACT NO. 82-98

Boldface lines on this schematic indicate location of work

