



ARLINGTON COUNTY, VIRGINIA

<p style="text-align: center;">County Board Agenda Item Meeting of July 8, 2006</p>

Date: June 20, 2006

SUBJECT: Approve the Award of a Contract to A&M Concrete Corporation for the construction of Streetscape and Storm Drainage Improvements at 13th Street North between North Stafford Street and North Taylor Street; Contract No. 175-06

C.M. RECOMMENDATIONS:

1. Approve the award of Contract No. 175-06 to A&M Concrete Corporation for the construction of Streetscape and Storm Drainage Improvements in an amount of \$430,733.00 and authorize an allocation of \$43,073.00 as a contingency for change orders and increased quantities, and \$22,000.00 in stipulated price items, for a total authorization of \$495,806.00.
2. Authorize the Purchasing Agent to execute the contract documents, subject to review by the County Attorney.

ISSUE: None.

SUMMARY: This project will provide new sidewalks, curbing, and storm drainage along 13th Street North in the project area. Most of the drainage from 13th Street North flows towards the North Stuart Street intersection. The project will convey the drainage in a new storm drain system in North Stuart Street that flows to an existing storm drain near Washington Boulevard.

BACKGROUND: The project originates from the Safe Routes to School category of the Pedestrian Systems Capital Improvement Plan. The only street that leads east and west between I-66 and Washington Boulevard is 13th Street North. Many students use 13th Street North to walk to Washington & Lee High School. Also the residents in the area use 13th Street North to access the bus routes on North Stafford Street and North Quincy Street. The existing street is 26 feet wide with parking allowed on one side. Because there are few sidewalks along the street, students and other pedestrians walk in the street and along the shoulders.

The proposed sidewalks will improve pedestrian safety in the area by providing continuous sidewalks along both sides of 13th Street North. Additionally, ADA compliant curb ramps will be provided at all intersections.

The existing pavement has many cracks and is in poor condition. The lack of proper drainage has affected the stability of the pavement, and the freeze/thaw condition in particular has

County Manager: _____
County Attorney: _____
Staff: Asi Mbah, DES, Engineering Bureau

damaged the paving and produced most of the cracking. Also, the edges of the roadway are deteriorated because there is no curbing to provide edge support for the pavement. The existing pavement will be replaced as part of this project.

The new storm drain and curb and gutter will improve the longevity of the new pavement. The proposed storm drain and inlets will prevent water from ponding at the intersections. The new curb and gutter will keep the drainage within the street preventing erosion of the roadway shoulder, and will provide stability to the pavement.

Staff has met with the residents along the project individually and in groups on several occasions. The project has the support of these residents. Sidewalk Easements and Temporary Construction Agreements have been obtained where necessary.

DISCUSSION: A&M Concrete Corporation submitted the lowest responsive bid and was found to be the lowest responsible bidder among all of the eight bidders. The bid amounts were higher than the engineer's estimate. The higher cost for the project reflects the current high fuel prices in general and especially the higher cost of petroleum products in asphalt. Also, the strong demand for construction in the area contributes to higher than expected costs.

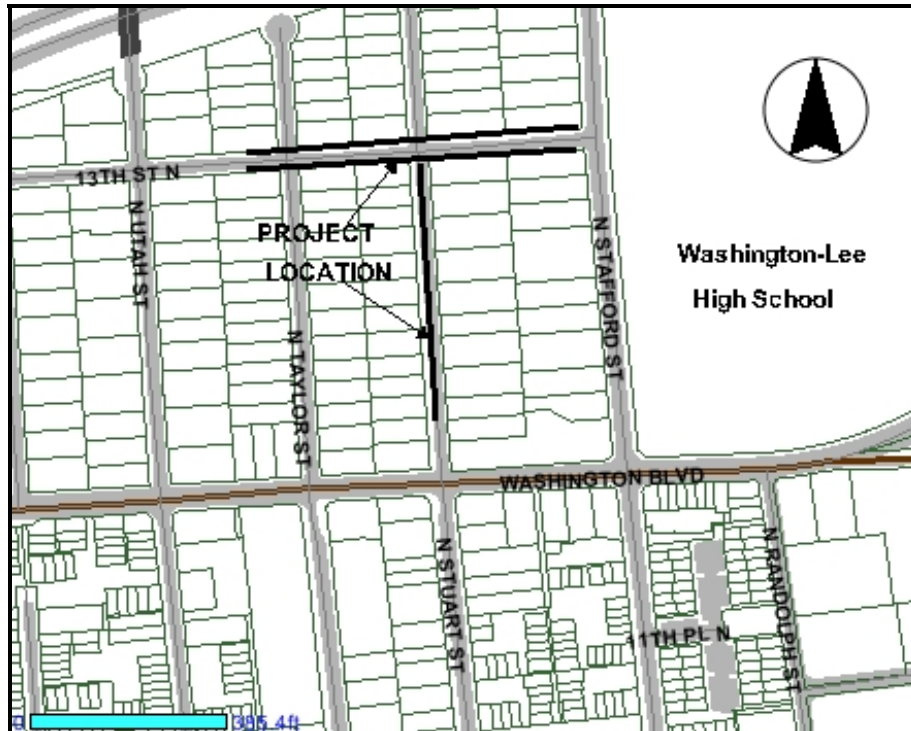
A contingency fund of 10 percent or \$43,073.30 is recommended for any necessary change orders and increased quantities. An additional \$22,000.00 is also recommended to cover stipulated price items. Therefore, the total contract authorization is \$495,806.00.

Bid information: The Purchasing Agent received the following responsive bids on May 31, 2006.

<u>Bidder</u>	<u>Bid Amount</u>
A&M CONCRETE CORPORATION	\$430,733.00
TESSA CONSTRUCTION & TECH CO. LLC.	\$440,416.00
OMNI EXCAVATORS, Inc.	\$444,393.00
SAGRES CONSTRUCTION CORP	\$467,370.00
CAPITAL PAVING OF D.C., Inc.	\$476,075.00
SIGMA BUILDERS, Inc.	\$491,222.48
D&F CONSTRUCTION, Inc.	\$526,300.00
FORT MYER CONSTRUCTION CORPORATION	\$577,717.00

FISCAL IMPACT: Funds (\$256,913) are available for the streetscape portion of the 13th Street North project in the 2004 Street, Highways, and Community Conservation Bond (Fund 314, CC 43511, Project PD54, SOF SJB, Task 0000). Funding for the Storm Drainage portion of the project is available in the amount of \$238,893 from the Storm Drainage CAPP (Fund 314, CC 43527, Project PD54, SOF SJB and Task 0000). Sufficient funds are available to finance this construction contract of \$495,806.000.

Vicinity Map



**13th STREET N. STREETScape PROJECT
FROM N. STAFFORD ST TO N. TAYLOR ST**

CONTRACT NUMBER: 175-06

Boldface lines on this schematic indicate location of work

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