



## ARLINGTON COUNTY, VIRGINIA

<p><b>County Board Agenda Item Meeting of January 26, 2008</b></p>
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**DATE:** January 17, 2008

**SUBJECT:** Approval of the Award of a Contract for Rehabilitation of a Steel Pedestrian Bridge over Arlington Boulevard (Route 50) at North Jackson Street, Invitation to Bid No. 427-07

**C. M. RECOMMENDATION:**

1. Approve the award of a contract for rehabilitation of a steel pedestrian bridge over Arlington Boulevard at North Jackson Street to Jeffrey Stack, Inc. (“Jeffrey”) for a contract amount not to exceed \$467,320, plus a contingency of \$46,732, for a total authorization of \$514,052.
2. Authorize the Purchasing Agent to execute the contract documents subject to review by the County Attorney.

**ISSUES:** Some Thomas Jefferson Middle School students use the bridge to walk to and from school every day, and the bridge is also heavily utilized by other pedestrians and cyclists for transportation or recreational purposes. The construction work will necessitate closure of the bridge for 3-4 months, during which times alternate routes for pedestrians and bicyclists must be identified.

**SUMMARY:** The objective of the subject contract is rehabilitation and improvement of the Arlington County pedestrian bridge (No. 5016) over Arlington Boulevard (Route 50) at North Jackson Street. The improvements are for (a) compliance with ADA requirements, (b) to provide features for improved safety and usefulness for the pedestrians and cyclists and (c) to reduce the effects of weather on the durability of the bridge.

**BACKGROUND:** The need for this work was identified as a result of the recently completed biennial bridge inspections. The Invitation to Bid No. 427-07 involves structural rehabilitation and repairs to the subject bridge.

**DISCUSSION:** Although the bridge is structurally safe, the repairs are necessary to maintain its structural integrity and insure the continued safety of the traveling public on Arlington Boulevard and the pedestrians using the bridge. Major items of work will include: (a) repairs and installation of new sections of the existing structural steel handrail, (b) replacement of non-

<p>County Manager: _____</p>
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<p>County Attorney: _____</p>
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<p>Staff: Ravinder K. Singh, P.E., Bridge Program Manager, DES</p>
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slip galvanized metal decking, (c) painting of the entire existing structure, (d) installation of new lights for pedestrians, (e) replacement of the security fence on the sides of the bridge, (f) concrete repairs, (g) installation of a new bridge roof dome, and (h) other miscellaneous repairs to this structure.

Arlington County Schools have been extremely helpful and have arranged to re-route existing bus service to provide bussing from and to a (to be determined) collection point on the north side of Route 50 to school in the morning and afternoon. Arlington Public Schools have also committed to provide late bus service in a similar fashion for students engaged in after-school activities that would typically use the bridge to walk home.

During construction, the contractor will implement a Maintenance of Traffic plan to be approved by the County, which will provide ample signage to direct pedestrians and cyclists to the designated alternate crossing at the signalized intersection of Route 50 and Irving Street. Some users are expected to choose to utilize the Glebe Road (grade-separated) crossing or the tunnel beneath Route 50 near the Red Cross building at their own discretion.

The designated alternate crossing at Irving Street already provides ample time for pedestrians (even for elderly or physically impaired) to cross Route 50. Staff will be installing new ladder style crosswalk markings prior to the construction to improve visibility for motorists. Additionally, the temporary signage for vehicles will alert the vehicles to the potential of increased pedestrian activity at the Irving Street intersection.

**Bid Information:** The Purchasing Agent received the following bids on November 14, 2007 in response to Invitation to Bid No. 427-07:

<b><u>Bidder</u></b>	<b><u>Bid Amount</u></b>
1. Jeffrey Stack, Inc.	\$467,320.00
2. Blastech Enterprises, Inc.	\$698,008.00

Staff recommends approval of the award of a contract to “Jeffrey” as it submitted the lowest responsive bid and was determined to be a responsible bidder.

**FISCAL IMPACT:** Funding in the amount of \$514,052 from the Bridge Rehabilitation Program was approved; the Source of Funding is Pay-As-You-Go Capital (Account number 313.43517.BMA.0319).