



ARLINGTON COUNTY, VIRGINIA

County Board Agenda Item Meeting of March 10, 2012

DATE: February 10, 2012

SUBJECT: Approval of the Budget for the Procurement and Installation of Automatic Fare Collection (AFC) Equipment by the Washington Metropolitan Area Transit Authority (WMATA) at the Rosslyn Station Access Improvement Project (RSAIP).

C. M. RECOMMENDATION:

Approve an amount of up to \$1,000,000 for the purchase and installation of Automatic Fare Collection (AFC) equipment at the RSAIP.

ISSUES: County Board approval is required to allocate the funding for the AFC equipment. No issues have been identified.

SUMMARY: The new entrance being built at the Rosslyn Metrorail station by the County will be a completely outfitted mezzanine and a separate entrance to the station platform requiring its own fare collection and fare vending equipment. This report seeks approval and appropriation of up to \$1,000,000 to purchase, locate and install the appropriate equipment. At a later date, staff will seek Board authorization for the County Manager to execute an Agreement between WMATA and the County governing the expenditure of these funds.

BACKGROUND: In May 2007, the County Board approved the Site Plan for the development of a project known as Central Place which included conditions requiring the Developer's cooperation and contribution toward a new Rosslyn Metrorail station entrance consisting of three (3) high speed, high capacity elevators, a mezzanine, emergency stairs, and related infrastructure (collectively referred to as the Rosslyn Station Access Improvement Project or RSAIP) as well as conveyance of all necessary easements or other permissions for construction and location of the RSAIP by Arlington County.

A number of activities have been accomplished to advance construction of the RSAIP:

- Engaged the services of WMATA which used its on-call consultant to design the RSAIP;
- Contracted with STV Incorporated to provide construction management services;

County Manager:

County Attorney:

Staff: Bea E. Hicks, DES Transportation

- Negotiated a general construction contract with Clark Construction Group (Clark);
- Negotiated an agreement with WMATA to provide support services during construction of the new entrance as it will be built adjacent to the existing Metrorail station, in close proximity to the operating railroad, and will require WMATA acceptance to own, operate and maintain it; and
- Began construction of the RSAIP and progress to date includes completion of the excavation for the elevator shafts, emergency stairs, and upper (public) and lower mezzanines.

The RSAIP is part of the County's adopted Capital Improvement Program (CIP) for FY2011 – FY2016.

DISCUSSION: When the Site Plan was approved in May 2007, the County was given the option of building a new entrance concurrent with or following behind the construction of Phase I of the Central Place development. The County opted for concurrent construction but, due to financial market conditions when Phase I was projected to begin, the Developer delayed its start of Central Place. When it became apparent that the extent of Developer's delay could not be determined, the County opted to move forward with its construction of the new station entrance to meet the passenger demand projected for the Rosslyn station.

Construction began October 2010 with site preparation, construction mobilization and excavation for location of the station entrance 120 feet below the level of the street. Excavation included controlled blasting and, over 10 months, more than 11,000 cubic yards of rock were extracted and hauled away from the site. Once the excavation is waterproofed and concrete installed, station fit out of building, mechanical, electrical and other components will begin.

In the next few years, WMATA plans to upgrade its fare collection system. However, the timing of this migration is currently uncertain though generally thought to be dependent on the opening of the Silver Line; it has also been suggested that Rosslyn may be used as the first installation. When WMATA issued its Request for Proposals (RFP) for the upgraded system, the migration to the new system was projected to begin during FY 2014. Although the RFP was advertised, it has not been awarded at this time.

Due to the unknown schedule of the AFC system upgrade, WMATA is considering moving some existing equipment to the RSAIP and only purchasing equipment that cannot be moved from an existing station. If no equipment is available for reassignment, all the AFC equipment for Rosslyn will need to be purchased. The lead time for purchase additional AFC is approximately six (6) months. AFC equipment is proprietary equipment unique to WMATA and using WMATA to secure the equipment will simplify the procurement. WMATA will also be responsible for installing the equipment and integrating it into the existing system. If existing AFC equipment is installed at Rosslyn, future installation of upgraded system components will be the responsibility of WMATA.

The Agreement outlining how the funds will be paid to WMATA will also include language pertaining to use of the space by WMATA to install the equipment and other terms and

conditions necessary for the parties and their contractors to jointly pursue their construction tasks without interference from the other.

FISCAL IMPACT: The purchase and installation of AFC equipment is available from account 331.438200.47001.MA47.CT12.0000 . The total project budget is \$49.9 million. The commitments against this budget are shown below.

Rosslyn Station Access Improvements	
\$ in 000's	
Design	5,012
Construction Management	4,700
Construction Contract	35,860
WMATA Construction Support	900
Automatic Fare Collection Equipment	1,000
	47,472