

**Washington Metropolitan Area Transportation Authority
Board Action/Information Summary**

<input checked="" type="checkbox"/> Action <input type="checkbox"/> Information	MEAD Number: 99682	Resolution: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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PURPOSE

Initiate and award a competitive contract for a pilot program to rehabilitate/replace a portion of the platform slabs at Minnesota Avenue and Deanwood Stations. The contract will implement a new standard platform tile finish.

DESCRIPTION

The original station and platform concrete structures were constructed prior to 1978. Severe deterioration of the platform slab has resulted in cracking, leaks and deterioration of the structural concrete. Repair to this deterioration is essential to ensure the overall safety and longevity of the structure.

Structural evaluation was performed to identify the portions of platforms that are structurally weak and will have to be replaced with new precast concrete. Both the ends of the platform beyond the canopy that are exposed to weather and the platform edges under the station canopy were found deteriorated and beyond normal repair. A pilot project to replace the platform slab in sections with precast slab sections has been developed to minimize impact on Metro rail operations and to keep these two stations in service while rehabilitation work is in progress.

This pilot contract was developed to implement the design concept on a smaller scale and to replace only the worst deteriorated sections of platform slabs at both the Minnesota Avenue and Deanwood Stations. Under this concept, the new precast platform slab sections will be cast with final finish of platform surface and erected to align with existing platform edges. This method will minimize weather dependent repair of tile and setting bed, as well as reduce the use of temporary covers for the unfinished platform surface which causes inconvenience to patrons using the platforms.

Upon successful completion of this contract, a new contract for major rehabilitation of the remaining non-covered portions of the platforms will be developed for the Minnesota and Deanwood stations.

FUNDING IMPACT

Infrastructure Renewal Program, Fiscal 2007-2010
Project Title – Right of Way Structural Rehabilitation
Line Item Budget - \$49,194,792
This Action - \$2,800,000
Prior Actions - \$7,383,981
Subtotal - \$10,183,981
Remaining Budget - \$39,010,811

RECOMMENDATION

Board approves to initiate and award a competitive contract for a pilot program to rehabilitate/replace a portion of the platform slabs at Minnesota Avenue and Deanwood Stations.