

Washington Metropolitan Area Transit Authority
Board Action/Information Summary

<input checked="" type="radio"/> Action <input type="radio"/> Information	MEAD Number: 100253	Resolution: <input type="radio"/> Yes <input checked="" type="radio"/> No
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TITLE:

Modify contract Concrete Protection Requirements

PURPOSE:

To obtain Board approval to modify the contract for Rehabilitation of Bridges and Aerial Structures, to delete protective wrap and add the application of a breathable concrete coating at Rhode Island aerial structure.

DESCRIPTION:

The Contract for Rehabilitation of Bridges and Aerial Structures was awarded on 14 June 2007 in the amount of \$7,414,970.00. The purpose of this contract is to repair deteriorated concrete and steel structures of fourteen bridges and two aerial structures.

The original design called for the application of a protective wrap system on portions of the Rhode Island Avenue Aerial Structure that tested positive for Alkali Silica Reaction (ASR) in the structural concrete. After the initial surface preparation and further field evaluation it was determined that the specified protective wrap system will not effectively seal the concrete and does not allow visual inspection of the concrete condition once applied and cured. The application of a breathable coating to concrete surfaces of all seventy-three piers rather than just those piers which tested positive for ASR, since all piers were constructed with the same concrete mix.

Change Order (PCO-4) to revise the type of concrete coating has been issued. Costs for these changes will delete protective wrap bid quantities a credit of (\$1,089,000); and add the application of a breathable coating to seventy-three piers and caps is projected to be settled for \$889,000. The net total cost of adds and deletes is a (\$200,000) credit. A contract modification will be processed after comparing the contractor's proposal with the Engineers estimate and negotiating a fair and equitable adjustment with the contractor to adjust the bid quantities and to add breathable coating for Rhode Island Avenue Aerial structure. The project office is confident that Metro's maximum exposure will likely be a credit of (\$200,000). Therefore, no additional funding for the revised scope of concrete coating work is requested under this action.

Board approval of this modification is required because the aggregate amount of the credit and add exceeds the \$1M Board threshold.

FUNDING IMPACT:

Program: Capital Improvement Program
Project: Right of Way Structural Rehabilitation - PE_ROWS
Budget: \$12,079,130.96
This Action: (\$200,000)
Prior Approval: \$10,316,148.96
Remaining Budget: \$10,316,148.96
Operating Budget Impact: Positions: None
Annual Expense: None

RECOMMENDATION:

Approval to modify contract FP7027 - Rehabilitation of Bridges and Aerial Structures, to delete protective wrap and add the application of a breathable concrete coating at Rhode Island aerial structure.