

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

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

Request Board approval to update WMATA's Metrorail Fleet Management Plan which was last updated in 2004. This Plan provides for rail cars and facilities to support future growth of the existing system, and the extension of the rail to Dulles Airport and Loudoun County.

DESCRIPTION

The Metrorail Revenue Vehicle Fleet Management Plan which is attached, is a tool that provides proper planning for future Metrorail vehicle and facility needs, taking into consideration current and future ridership demand, approved expansion projects, scheduled and unscheduled maintenance, and the rail car renovation program. The Federal Transit Administration (FTA) requires that WMATA adopt an updated Metrorail Fleet Management Plan to incorporate the Dulles Extension project.

By adopting the Plan, the Board does not make any formal commitment to any project, or funding for any fleet expansion. The following is a summary of the improvements included in the Plan.

Rail Car Growth: This Plan includes the acceptance of the current rail car procurement of 184 rail cars, and describes the need for 128 cars for a two-phased extension to Dulles, scheduled for completion in FY15 and 130 additional rail cars for growth by FY14.

Current Fleet	948
6000 series procurement (FY07) (+184 cars)	1,132
Dulles Extension (FY12-15) (128 cars)	1,260
New Cars for growth (FY2011-14) (+130 cars)	1,390

Rail Car Storage Needs: The Dulles project anticipates the need for an additional 128 rail cars and will provide up to 226 additional storage spaces. The Fleet Plan shows that there are sufficient storage spaces to accommodate the rail cars needed for system growth to 130 cars.

• Current number of rail car storage spaces	1,316
Current rail Fleet with 6000 Series	1,132
Excess storages spaces	+184
• Service Expansion - Dulles:	
Additional storage spaces: 226	1,542
Additional rail cars: 128	1,260
Excess storage spaces	+282
• System Growth of 130 rail cars	
No additional storage spaces:	1,542
Additional rail cars: 130	1,390
Excess storage spaces	+152

Rail Car Maintenance Facility Needs: The Fleet Plan identifies the need for a total of 210 maintenance bays, 36 more than currently exist or are under construction. The Dulles project includes 18 new maintenance bays to support the 128 rail cars for the Dulles Extension. When the fleet is expanded for system ridership growth, in FY11-14, there will be a need for 18 additional maintenance bays. The exact yard expansion locations are not specified in the Plan. This would be done as part of an overall fleet expansion and funding agreement, similar to Metro Matters.

	<u>Rail Cars</u>	<u>Bays Req.</u>	<u>Bays Avail.</u>
• Number of maintenance bays (by FY08)	1,132	170	174
• Service Expansion - Dulles: (128 cars)			
Total bays after Dulles extension	1,260	190	192
• System Growth - 130 rail cars			
Total maintenance bays required	1,390	210	192

The Plan identifies the need for an additional 18 maintenance bays by FY12, but does not specify the exact location.

FUNDING IMPACT

The adoption of the Metrorail Fleet Plan is for planning purposes only and does not obligate the Authority or its Board of Directors to the Plan's projected requirements; therefore there is no funding impact.

RECOMMENDATION

Board approval of the Metrorail Fleet Management Plan.

PRESENTED AND ADOPTED:

SUBJECT: RAIL FLEET MANAGEMENT PLAN

PROPOSED
RESOLUTION
OF THE
BOARD OF DIRECTORS
OF THE
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

WHEREAS, Submission of a comprehensive Rail Car Fleet Management Plan is required by the Federal Transit Administration (FTA) in support of the Washington Metropolitan Area Transit Authority's (WMATA) application for a federal capital grant to purchase the new rail cars; and

WHEREAS, The WMATA staff has prepared the Metrorail Revenue Vehicle Fleet Management (MRVFM) Plans dated November 2006, to satisfy the federal grant requirement; and

WHEREAS, The MRVFM Plan documents the Authority's processes and procedures for operating and maintaining its fleet of rail cars through Fiscal Year 2015; and

WHEREAS, The MRVFM Plan is a tool that provides proper planning for future Metrorail vehicle and facility needs, taking into consideration current and future ridership demand, scheduled and unscheduled maintenance, and the rail car renovation program; and

WHEREAS, The MRVFM Plan is for planning purposes only and does not obligate the Authority or its Board of Directors to the Plan's projected requirements; and

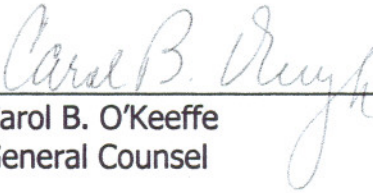
WHEREAS, It is intended that the MRVFM Plan be updated prior to any future rail car rehabilitation project or rail car procurement; now, therefore be it

RESOLVED, That the Board of Directors adopts the updated Metrorail Revenue Vehicle Fleet Management Plan dated November 2006, and attached hereto, for planning purposes, without obligation to any of the plans' projected requirements and with the stipulation that the MRVFM Plan be updated prior to any future rail car rehabilitation project; rail car procurement; or rail facility project; and be it further

RESOLVED, That the Board of Directors concurs with forwarding the MRVFM Plan to FTA in support of the Federal Capital Grant for the purchase of rail cars; and be it finally

RESOLVED, That this Resolution shall be effective immediately.

Reviewed as to form and legal sufficiency,



Carol B. O'Keeffe
General Counsel

Proposed