



Planning, Development and Real Estate Committee

Board Information Item III-B

December 13, 2007

7000 Series Rail Car Report

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

Action
 Information

MEAD Number:

Resolution:
 Yes No

PURPOSE

To provide the Board an update on the 7000-series railcar concept status.

DESCRIPTION

The 7000-series railcar is the next-generation fleet in development for use throughout Metro's rail network. This fleet design is focusing on improved amenities for passengers such as redesigned seating, audio announcement systems, information technology, and passenger hold points throughout the railcar interior. For the technology portion of the design, more reliable service equipment platforms are being reviewed. Examples of system technology under review would be propulsion systems, braking systems, doors systems, climate control, security cameras, and a data network throughout the railcar system and train set which would help link systems for improved operation. The data network will not only improve reliability and performance of the equipment overall, but will also place more information at the operator level to evaluate and resolve equipment operation issues.

FUNDING IMPACT

N/A

RECOMMENDATION

None.