

TAP - Metro Rail Gating Update

February 21, 2008
Operations Committee



Tenets of Gating Metro Rail

- London



- New York



1. Gating Improves Public Safety

- ▶ As ridership grows, the unconstrained access to Metro stations poses safety risks to public riders
- ▶ Mature, congested rail systems are gated internationally to protect the public from creating an “out-of-control” environment
- ▶ As evidenced by the video, large surges of riders approaching the “paid area” are efficiently and quickly accommodated through gates
- ▶ In an emergency, gates control crowds with a clear line of system management

Large crowds “rushing” train platforms pose a public safety hazard

Tenets of Gating Metro Rail

2. Gating Improves Security and is a Crime Deterrent

- ▶ Industry standards suggest that minimizing fare evasion directly correlates to an in-service reduction in criminal activity and graffiti
 - Frequently, offenders stopped for fare evasion are wanted on warrants for serious crimes

- ▶ Jumping the turnstiles INTO a “tap in – tap out” systems means the offender must also jump OUT
 - CCTV cameras capture the “jumps” to inform law enforcement

- ▶ Future Homeland Security early warning detection devices work with turnstiles to associate an individual perpetrator to a specific location at moment the intrusion is detected

Tenets to Metro Rail Gating

3. Gates accommodate cash riders

- ▶ Frequent riders with TAP cards will have ease of access through gates
- ▶ Non-TAP cash riders will have access to paper, limited use smart cards as a proven technology used similarly at MARTA
- ▶ In the future bank cards such as VISA, MasterCard and AMEX will eventually be accepted as will cell phones as fare payment media

Irrespective of gating, new automated fare payment options are internationally accepted with broad customer acceptance

Status of Gating

- ▶ The Board requested alternatives to the recommendations
 - Metro Red Line under any alternative scenario will be gated first
 - Majority of costs are in the initial design, engineering and start up costs
 - Multiple mobilization, demobilization and remobilization will result in significant cost impacts

There are significant added risks for the contractor for any “stop work”



Status of Discussions with Metrolink

- ▶ Metrolink Board met on February 8, 2008
- ▶ Metrolink and Metro staff were directed to meet and discussion issues of concerns
- ▶ Metro staff have been in discussion with Metrolink

