### **METRO SYSTEM PERFORMANCE REPORT**

PERFORMANCE INDICATORS AND CUSTOMER SATISFACTION Customer Service, Operations and Safety Committee February 16, 2006

## PURPOSE

- Review Metro System Performance Results for the Second Quarter of FY06
- Performance Result is done in two ways:
  - Operating Performance: Service Provisions
    - Safety and Security Customer Satisfaction Average Weekday Ridership
- Customer Satisfaction is evaluated by our customers utilizing an ongoing phone surveying methodology

# **PERFORMANCE INDICATORS - METRORAIL**

		FY05	FY06				1st				2nd
	RAIL	Actual	Goal/Forecast	Jul-05	Aug	Sep	QTR	Oct	Nov	Dec	QTR
1	<b>Service Provisions</b> On-Time Performance (SRI) MDBD (Car Maintenance)	97.75 45,323	98.2 60,000	97.57 52,347	97.85 47,181	97.73 53,982	97.72 50,963	97.71 48,110	97.93 54,666	97.59 50,922	97.78 51,061
2	<b>Safety and Security</b> Part 1 Crimes per Million Passengers (Less Parking Crime) Part 1 Crimes in Parking Lots per Million Passengers Metrorail Pass. Injuries per Million Pass. Miles	1.70 5.40 0.53	1.62 3.61 0.14	1.58 3.54 0.12	1.90 3.50 0.14	1.86 5.00 0.14	1.78 3.99 0.13	1.67 5.01 0.17	1.80 3.88 0.06	1.63 1.96 0.03	1.70 3.62 0.09
3	<b>Customer Satisfaction: Metrorail</b> Customer Satisfaction Measurement Survey Complaints per 100,000 Passengers (excl Park, ELES) Parking Complaints per 100,000 Paid Transactions	85% 3.7 13.9	87% 3.2 12	90% 3.2 9.4	91% 3.3 9.5	88% 3.1 7.1	90% 3.2 8.7	88% 2.8 6.9	87% 2.8 5.1	88% 2.4 12.2	88% 2.7 8.0
4	Avg Weekday Ridership	668,002	683,798	723,061	671,986	701,558	698,868	707,885	675,778	634,046	672,570

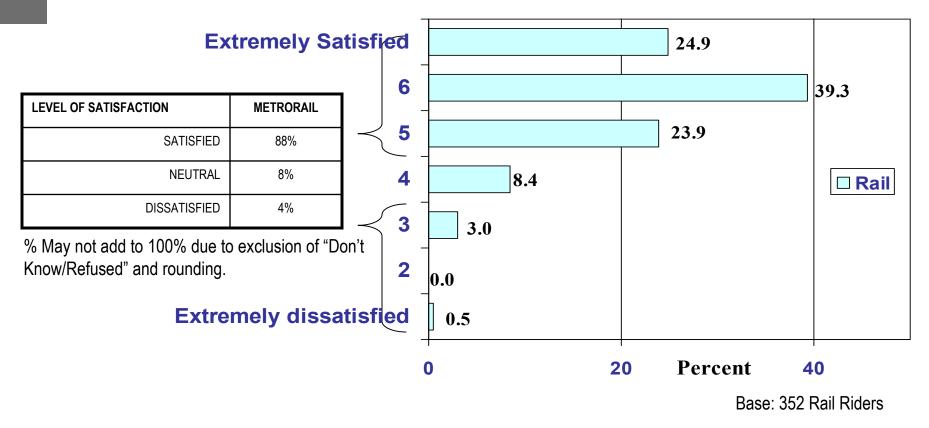
\*\*The Part 1 Crime Goal is to reduce crime by 5% from last year's levels. The goal fluctuates each quarter.

\*\*\*New FY06 indicator, no FY05 Goal was established

- For the past quarter the performance indicators continue to show improvement
  - The Mean Distance Between Delays continues to trend in the right direction toward goal attainment. The MDBD for the second quarter of FY06 is 33% higher than the same period in FY05. Overall brake subsystem performance of the rail cars was approximately the same as in FY05. Door performance was 22% better and the number of delays due to ATC subsystem was 45% less than this period in FY05
- All Safety and Security indicators continue to trend in the right direction
- · Ridership continues to trend upward and from last year

## **CUSTOMER SATISFACTION - METRORAIL**

#### Q2, FY'06 RESULTS - OVERALL SATISFACTION WITH SERVICE



 Customer satisfaction remains high, with 88% of customers expressing satisfaction in the second quarter of FY06. The satisfaction index scores for service elements remained stable with the exception of "safety" which experience a significant increase

# **PERFORMANCE INDICATORS - METROBUS**

		FY05	FY06				First			_	2nd
	BUS	Actual	Goal/Forecast	Jul-05	Aug	Sep	QTR	Oct	Nov	Dec	QTR
N	<b>Service Provisions</b> Aean Distance Between Failures * .ost Trips per 1k sched trips	5,464 4.38	6,000 3.95	4,273 5.10	4,518 4.77	4,712 5.00	4,505 5.00	4,311 5.29	4,996 4.32	5,430 4.38	4,870 4.66
P	S <b>afety and Security</b> Part 1 Crimes per Million Passengers Aetrobus Pass. Injuries per Million Pass. Miles	0.65 1.64	0.63 1.80	0.61 1.72	0.55 1.93	1.34 1.82	0.83 1.82	0.79 2.37	0.48 3.32	0.45 1.36	0.57 2.35
c	Customer Satisfaction: Metrobus Customer Satisfaction Measurement Survey Complaints per 100,000 Passengers**	80% 13.1	80% 11	88% 13.7	84% 13.8	83% 11.9	85% 13.1	81% 13.0	72% 11.6	73% 10.7	75% 11.8
4 A	Ng Weekday Ridership	432,000	436,731	430,000	426,000	469,000	441,667	456,000	449,000	403,000	436,000

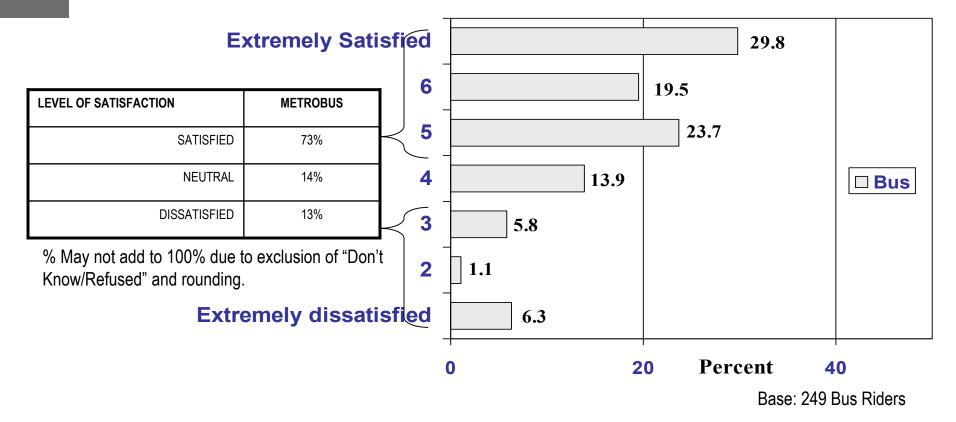
Bus Notes: \* - Will use On-time performance measure when AVL scheduling interface is complete

\*\* - Goals will need to be re-evaluated once new farebox data is available

- For the past quarter the performance indicators continue to show a positive trend in most categories
  - The Mean Distance Between Failures for the second quarter shows an increase of about 8% over the first quarter. Within the quarter MDBF showed a 26% increase between October and December, reflecting in part the delivery of new buses and the corresponding retirement of the oldest and least reliable buses in the fleet
  - For the first half of the year MDBF did not meet the FY forecast of 6,000. However, with the continued arrival of new buses (a total of 417 new buses will be received by the end of the FY) and completion of other maintenance campaigns, Bus Maintenance projects that MDBF will exceed 6,000 for the remaining months, and that the fiscal year end average will be 5,700
- Customer satisfaction declined in the second quarter, with the reliability index leading the decline. In contrast, the number of complaints dropped 18% between October and December

## **CUSTOMER SATISFACTION - METROBUS**

#### Q2, FY'06 RESULTS - OVERALL SATISFACTION WITH SERVICE



 The percentage of Metrobus customers that are satisfied with the service dipped from 85% to 73% during the second quarter; however, the index ratings for the service elements do not disclose any specific reasons for this dip

## **PERFORMANCE INDICATORS - ELES**

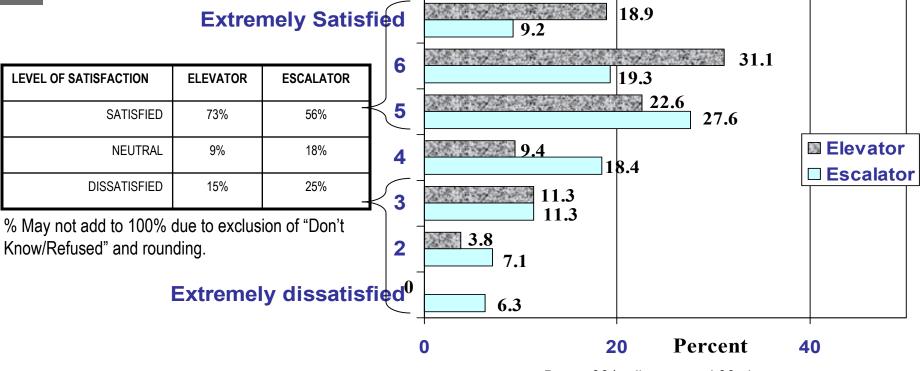
		FY05	FY06				First				2nd
	VERTICAL TRANSPORTATION	Actual	Goal/Forecast	Jul-05	Aug	Sep	QTR	Oct	Nov	Dec	QTR
1	Service Provisions										
	Escalator Mean Time Between Failures (hours)	174.97	170	153.21	170.82	173.36	166.41	171.73	180.34	188.18	181.17
	Escalator System Availability	92.58*	93.0	92.37	92.50	92.59	92.49	92.63	92.70	93.98	93.02
	Elevator Mean Time Between Failures (hours)	612.69	600	462.73	571.64	546.34	524.43	599.51	586.55	507.76	565.71
	Elevator System Availability	97.01*	97.50	97.20	97.08	96.99	97.10	96.20	95.95	95.80	95.99
2	Safety: Passenger Injuries per Million Trips										
	Escalator & Elevator Passenger Injuries per Million Trips	1.58	2.07	1.40	1.47	1.90	1.60	1.39	0.75	0.75	0.96
3	Customer Satisfaction Measure: ELES										
	Escalator	53%	58%	61%	55%	63%	<b>59%</b>	64%	50%	53%	56%
	Elevator	71%	73%	73%	90%	79%	85%	87%	59%	68%	73%
	ELES complaints per 100,000 rail riders	0.4	0.6	0.5	0.4	0.4	0.4	0.3	0.6	0.07	0.5

Vertical Tansportation Note: \* - Includes Rehabs and PM's

- Escalators: System availability continued an upward trend and exceeded the goal in December. Mean Time Between Failures indicator remains high, exceeding the goal during October, November, and December
- Elevators: System availability and Mean Time Between Failures indicators declined in October, November, and December due to modernizations at Addison Road, Cheverly, and Forest Glen. The decline is also attributed to high failures at Forest Glen and Pentagon
- Customer Satisfaction measures shows some improvement over last year but remains lower than our forecast

## **CUSTOMER SATISFACTION - ELES**

#### Q2, FY'06 RESULTS – OVERALL SATISFACTION WITH EQUIPMENT



Base: 364 rail users and 86 elevator users

- Customer satisfaction with escalators remains low at 56%. However, perceptions of escalator availability or equipment functioning improved significantly
- Almost three-quarters (73%) of elevator users express satisfaction with the equipment. This is a significant drop from the 85% reported in the first quarter; however, the sample for elevators is small and subject to such wide variations

# **PERFORMANCE INDICATORS - METROACCESS**

At this time, there is no measure of customer satisfaction for MetroAccess. Complaint tracking is used as substitution.

		FY05	FY06		-	_	First		-	-	2nd
	METROACESS	Actual	Goal/Forecast	Jul-05	Aug	Sep	QTR	Oct	Nov	Dec	QTR
1	Service Provisions On-time Performance Percent of Missed/Extremely Late Trips (45 mins beyond the scheduled pick-up time)	91.7 2.6	93.5 1.5	89.0 2.3	89.9 2.2	88.3 2.4	89.1 2.3	89.0 2.5	88.4 2.9	87.1 3.5	88.2 3.0
2	Safety: Passenger Injuries per 100,000 trips	3.3	2.9	5.4	5.8	2.6	4.6	6.0	6.7	4.2	5.6
3	Customer Satisfaction Measure* Total Complaints per 1,000 trips	4.1	3.8	4.2	3.5	4.5	4.1	4.3	4.6	4.8	4.6
4	Average Weekday Ridership (for consistency)	4,217	4,700	4,239	4,495	4,688	4,474	4,900	4,495	4,311	4,569

MetroAccess Notes \* - A Customer Satisfaction Measurement similar to the other modes is being developed for MetroAccess

• On-time performance dropped in the second quarter due to continued last-minute scheduling of trips, a higher-than-average utilization of taxis, and incremental transition of trips between service providers

## METROACCESS

- The conversion to the new service contractor has resulted in massive data cleanup and implementation of tracking and monitoring tools. The transition has been difficult and disruptive, but we are now able to independently verify on-time performance and more efficiently schedule trips
- In response to queries from customers, automated alert calls are being implemented on February 6th to notify riders when their vehicles have arrived, to reduce the incidence of customer no-shows and missed trips
- Since the transition formally occurred on January 15th, on-time performance has risen from 79% to 93.5% as of Thursday (January 26th, 2006)