

Bus Procurement Status Update

Presented by Vehicle Technology Department

Bus Procurement Status Update

NABI 40 Foot CNG



Bus Procurement Status Update

40 Foot (75 Bus) Option Order

- All 75 buses have been delivered and accepted ahead of contract schedule.
- Seventy-Three buses have been released for service.
- Metro staff have begun the required closeout activities for this procurement.



Metro

Bus Procurement Status Update

Upgrades to the 40' Bus

- **New style Operator Seat with extended seat belts.**
- **Remote Control outside mirrors with turn signals.**
- **Upgraded Front and Rear axles to accommodate heavier passenger loads.**
- **Padded Passenger Seats.**



Metro

Bus Procurement Status Update

NABI 45 Foot New Style CNG High Capacity “Compo” Bus



Metro

Bus Procurement Status Update

45 Foot Composite Bus Order

- **Ninety-One of the 100 buses have been delivered to date.**
- **Eighty- Six are in daily operation.**
- **Remaining Buses are scheduled for delivery 2 weeks ahead of final contract date, September 30, 2005.**



Metro

Bus Procurement Status Update

45 Foot Composite Upgrades

- **Four Wheel Disc Brakes.**
- **Remote and turn signal indicator mirrors.**
- **Padded passengers seats with “Rapid” approved fabric design.**
- **15% more seat capacity.**
- **Wider exit doors.**

Bus Procurement Status Update

NABI Advanced Design 60 foot CNG Articulated Bus



Metro

Bus Procurement Status Update

60 Foot Articulated BRT Vehicles

- **Thirty-Three Articulated buses have been delivered to date. Six buses have been released to Division 8 where mechanic and operator training has begun.**
- **Thirty buses will be ready for the Orange Line opening in October.**
- **Three buses in the Rapid Bus scheme are currently going through make ready and release for revenue service.**



Metro

Composite Bus Status Update

40 Foot Composite



45 Foot Composite



Composite Bus Status Update

Why a “Compo-bus?”

- **Aerodynamic Design**
- **Composite vehicle design is lighter in weight.**
- **Better Fuel Economy.**
- **Reduced brake, engine & transmission wear.**
- **Resistant to corrosion.**
- **Projecting an extended vehicle life, 18 to 20 years.**

Composite Bus Update

40 Foot Composite Buses

- **Twenty buses have accumulated 1.3 million miles.**
- **Eight buses removed from service due to structural cracks in the front suspension area.**
- **NABI specialists are currently making repairs with updated technology used on the 45' composite bus.**

Composite Bus Update

45 Foot Composite Buses

- **86 buses in service have accumulated 2.1 million miles.**
- **No structural issues similar to the 40 foot buses.**
- **No brake issues regarding the new Disc Brakes**
- **65%-85% savings on accident repairs based on first Composite bus accident.**