Memorandum

Date: February 22, 2013
To: Members of the Public Safety Committee

Subject: Fire Apparatus Update

The Public Safety Committee will be briefed on Fire Apparatus Update on Monday, February 25, 2013.

A.C. Gonzalez
First Assistant City Manager

Attachment

c: Honorable Mayor and Members of the Dallas City Council
   Mary K. Suhm, City Manager
   Rosa Rios, City Secretary
   Thomas P. Perkins, Jr., City Attorney
   Craig D. Kinton, City Auditor
   Daniel Solis, Administrative Judge
   Jill A. Jordan, P.E., Assistant City Manager
   Ryan S. Evans, Assistant City Manager
   Forest E. Turner, Assistant City Manager
   Joey Zapata, Assistant City Manager
   Jeanne Chipperfield, Chief Financial Officer
   Frank Librio, Public Information Office
   Stephanie Cooper, Assistant to the City Manager

"Dallas, the City that works: Diverse, Vibrant and Progressive"
DFR EMERGENCY FLEET

Purpose:

- To provide information related to Dallas Fire-Rescue emergency apparatus and vehicles, with an emphasis on Engines, Trucks and Rescues
DFR EMERGENCY FLEET
Fire Engine/Pumpers

- 56 front line fire engines
- 14 reserve engines
- Equipped primarily for fire suppression
- ALS capabilities as a first responder
- Motor Vehicle Accidents
DFR EMERGENCY FLEET
Fire Engine/Pumpers

- Replacement cost - $524,052 per apparatus
- 12 year life cycle
- Council approved replacement cycle is on track (1992)
- Average age per apparatus is 6.38 yrs (oldest 12 yrs)
DFR EMERGENCY FLEET
Ladder Trucks

- 22 Front Line Trucks
- 4 Reserve Trucks
- Equipped for variety of functions including fire operations, Motor Vehicle Accidents (blocking), basic life support, vehicle extrication
DFR EMERGENCY FLEET
Ladder Trucks

- Replacement cost - $972,324.00 per apparatus
- 15 year life cycle
- Council approved replacement cycle is on track (1992)
- Average age per apparatus is 9.27 yrs (oldest 21 yrs)
DFR EMERGENCY FLEET Rescue/EMS Units

- 40 Front Line Units, 3 Peak Demands Units
- 12 Reserve Units
- Equipped to provide Advanced Life Support (ALS) and Basic Life Support (BLS) services
Replacement cost - $174,496.00 per Unit

4 Year Replacement cycle

Council approved replacement cycle is not on track (1992)

Average age per unit is 4.25 (oldest 6 yrs. old)
Average Age of Fleet (Years)

- Engine: 6.38 years
- Trucks: 9.27 years
- Rescues: 4.25 years
DFR EMERGENCY FLEET
Response totals for FY 11-12

- Engines – 93,829 Responses
- Ladder Trucks – 14,254 Responses
- Rescues – 182,035 Responses
DFR EMERGENCY FLEET
Operating costs for FY 11-12

Maintenance, Fuel, and Collision Repair

- Engines – $2,249,406.00
- Ladder Trucks – $869,770.00
- Rescues – $1,698,958.00
Challenges and Concerns

- Recruiting and keeping qualified technicians
  - DFR fleet has increased and become more sophisticated

- Recognizing that the Traffic Incident Management Plan, which protects people involved in an accident, puts more apparatus on the freeways blocking traffic exposing them to severe collision damage

- Continuing with apparatus replacement cycle
Engine 19 pumping operations
Engine 44 staging at fire scene
Engine 41 and a Truck using ladder pipe for fire operations
Truck 19 preparing for ladder operations
Truck 43 ladder pipe operations (defensive strategy)
Engine 43 pumping operations
QUESTIONS