Memorandum

Date: April 5, 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, April 8, 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"
DALLAS FIRE-RESCUE DEPARTMENT

Fire Apparatus Update

April 8, 2013
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
- 6 Reserve Trucks
- Equipped for variety of functions including fire operations, Motor Vehicle Accidents (blocking), basic life support and 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 21yrs)
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
DFR EMERGENCY FLEET
Rescue/EMS Units

- 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
- Trucks: 9.27
- Rescues: 4.25
Apparatus Safety Measures

- Chevron Striping
- LED Lighting
- Red Lights
- Reflective Lettering and Numbers
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
- Ladder Trucks – $869,770
- Rescues – $1,698,958
Fire Technicians (Mechanics)

- Develop technician career series
- Attract/Recruit certified Emergency Vehicle Technicians (EVT)
- Retention of EVT
- Workload of Technicians
- Technological advancement and training
Fire Engine and Truck using ladder pipe for fire operations
Truck 19 preparing for ladder operations
Truck 43 ladder pipe operations (Defensive strategy)
Engine 43 conducting pumping operations
Challenges and Concerns

- Recruiting and keeping qualified technicians
- Servicing fleet that has increased in size and sophistication
- Putting more apparatus on freeways to block traffic exposes them to severe collision damage
- Continuing with apparatus replacement cycle
QUESTIONS