Memorandum

CITY OF DALLAS

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 FIRE-RESCUE DEPARTMENT

Fire Apparatus Update

April 8, 2013

Key Focus Area
Public Safety

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

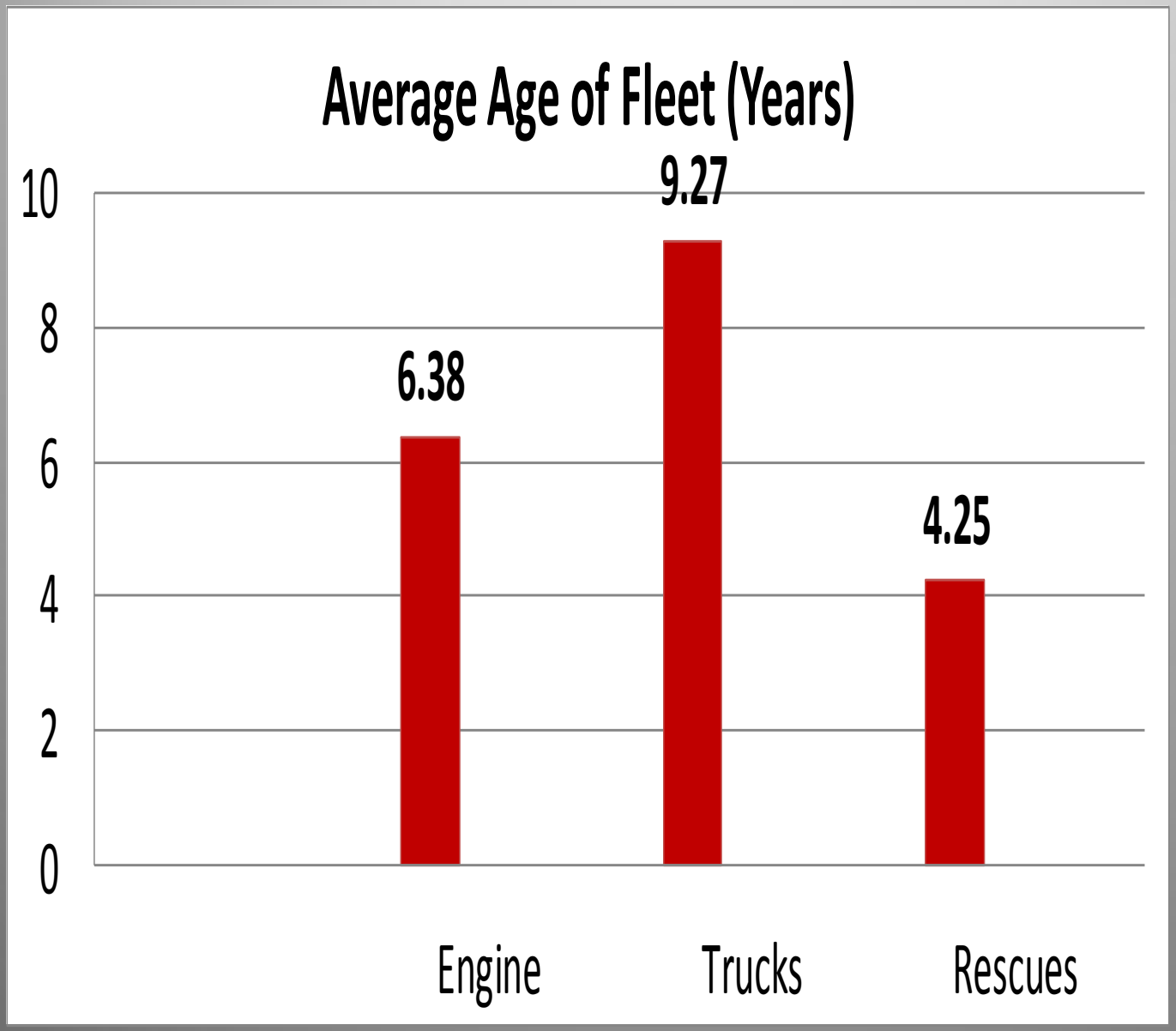
- Replacement cost - $972,324.00 per apparatus
- 15 year life cycle
- Council approved replacement cycle is on track (1992)
- Average age per apparatus is 9.27 yrs (oldest 21yrs)

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)
10
8
6
4
2
0
6.38
9.27
4.25
Engine
Trucks
Rescues

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