



# City of Sachse, Texas

## Meeting Agenda

### City Council Workshop

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Monday, June 6, 2016

6:30 PM

Council Chambers

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The City Council of the City of Sachse will hold a Workshop Session on Monday, June 6, 2016, at 6:30 p.m. in the Council Chambers at Sachse City Hall, 3815 Sachse Road, Building B, Sachse, Texas to discuss the following items of business:

1. Discussion Items.

[16-3364](#) Discuss Fire Appartus Equipment Replacement Plan.

**Attachments:** [Presentation](#)

2. Discuss any City Council meeting agenda items.

*Please note: These items are for discussion purposes only and no Council action will be taken. The workshop session is for City Council and staff discussion. Citizen input is not permitted on this agenda.*

3. Adjournment.

As authorized by Section 551.072(2) of the Texas Government Code, this meeting may be convened into closed Executive Session at any time during the City Council workshop or regular meeting for the purpose of seeking confidential legal advice from the City Attorney on any workshop or regular meeting agenda item listed herein.

Posted: June 3, 2016; 5:00 p.m.

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Michelle Lewis Sirianni, City Secretary

If you plan to attend this public meeting and you have a disability that requires special arrangements, please contact Michelle Lewis Sirianni, City Secretary at (972) 495-1212, 48 hours prior to the scheduled meeting date.



# City of Sachse, Texas

## Legislation Details (With Text)

**File #:** 16-3364      **Version:** 1      **Name:** Fire Apparatus Equipment Replacement Policy  
**Type:** Discussion Item      **Status:** Agenda Ready  
**File created:** 6/2/2016      **In control:** City Council  
**On agenda:** 6/6/2016      **Final action:**  
**Title:** Discuss Fire Appartus Equipment Replacement Plan.  
**Sponsors:**  
**Indexes:**  
**Code sections:**  
**Attachments:** [Presentation](#)

Date	Ver.	Action By	Action	Result
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Title  
Discuss Fire Appartus Equipment Replacement Plan.

Background  
The Fire Department’s fleet has been evaluated and a replacement schedule created. The workshop will allow for an update to the City Council on the current fleet, as well as immediate and future needs for the Sachse Fire Department.

Policy Considerations  
Consider policy outlining replacement of Sachse Fire Department apparatus to aid in budget funding.

Budgetary Considerations  
Three vehicles will be discussed for immediate replacement: Truck 1, 2001 Fire Marshal Suburban, and the 2003 F150 pickup.

Staff Recommendations  
Discussion only.



**SACHSE FIRE-RESCUE  
APPARATUS REPLACEMENT PLAN**

CITY COUNCIL  
JUNE 6, 2016

# OBJECTIVES

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1. NFPA 1901 Standard on Fire Apparatus
2. Life Cycles of Fire Apparatus
3. Current Fleet
4. Immediate Needs
5. Future Needs
6. Additional Considerations
7. Recommendations

# NFPA 1901

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NFPA® 1901  
Standard for Automotive Fire Apparatus  
2016 Edition

# SFR - APPARATUS SERVICE LIFE

- SFR has a replacement schedule for all response and administrative vehicles based on years of anticipated service life.
- The chart below indicates the service life for each type of apparatus or vehicle.

Apparatus & Vehicle Service Life			
Vehicle	15 Yrs	8 Yrs	6 Yrs
Ladder Truck			
Engine			
Brush Truck			
Utility Truck			
Rescue Truck			
Ambulance			
Staff Vehicle			

# SFR – CURRENT FLEET

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- 1 Ladder Truck (Quint)

The 2004 American LaFrance is in very bad condition needing constant repair. It has a 15 year service life and is scheduled for replacement in FY – 19/20. This vehicle's replacement should be moved up ASAP.



# SFR CURRENT FLEET CONT.

- 2 Engines

**Engine 1** – The 2010 E-1 fire engine has a 15 year service life and is scheduled for replacement in **FY 24/25**. It remains in good condition.



**Engine 2** – This is our best reserve Engine, (1992 model) It should be replaced and moved into Engine 1's role **FY 20/21**.



# SFR – CURRENT FLEET CONT.

- **3 Ambulances**
- **Ambulance 1 & Ambulance 2** - The 2011 Ambulances are both on schedule to be replaced in FY 17/18.
  - Move to Diesel Engines
  - Possible Remounts



Note: **Ambulance 3** is a reserve apparatus. The best of the 2011 ambulances will replace this one.

# SFR CURRENT FLEET CONT.

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- **Rescue Truck (Rescue 5)** – The 2004 Ford is scheduled for replacement in FY - 18/19. Due to its excellent condition its replacement may be moved into FY 19/20 or 20/21.

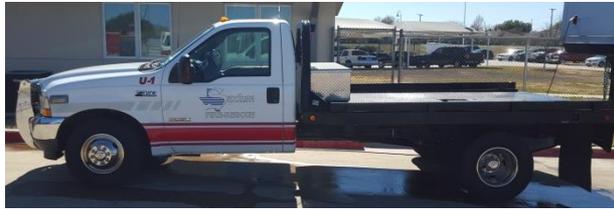


- **Brush 1** – The 1994 Dodge has a 15 year service life and is 7 years overdue for replacement. It is a 22 year old piece of equipment.



# SFR CURRENT FLEET CONT.

- **Utility** - The 2004 Ford has a 15 year service life. It is scheduled for replacement FY – 19/20. It is utilized to pull the decontamination trailer, and perform other towing duties as required.



- **Incident Command Vehicle (2014 Chevy 3500)**. This vehicle is scheduled for replacement in FY 22/23. It is considered the Fire Chief's vehicle.



# SFR CURRENT FLEET CONT.

- **Fire Marshal Vehicle** – This is a 2001 Suburban with unknown mileage due to the odometer not functioning. It is 7 years overdue for replacement. We will look at a 1/2 or 3/4 ton pick-up, double cab, with bed cover to protect a slide out bed tray.



- **F150 Truck** – This truck is a 2003 model and was once the FM Vehicle. It is 5 years overdue for replacement. I recommend a Chevy 1500 similar to the FM vehicle. FY – ASAP



# SFR FLEET CHANGES

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- Crown Vic – Turned over to Codes
- Truck – Turned over to Code Enforcement
- Ford Expedition – Old EM Vehicle – Removed
- Engine 3 – No longer in reserve status
- Utility Truck – Looking to remove it from the fleet if possible
- Rescue 5 – redefine its role

# IMMEDIATE NEEDS

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- Replace Truck 1
- Replace Fire Marshal Vehicle – 2001 Suburban
- Replace Ford 2003 F150 with (Ford Explorer)

# FUTURE NEEDS

Sachse Fire-Rescue Fleet Replacement Schedule																													
Unit	Year In Service	Life Cycle Front-line in Years	Replacement Date	Estimated Replacement Cost	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31										
Truck 1	2004	15	2019	\$1,200,000																									
Engine 1	2010	15	2025	\$650,000																									
Engine 2 (Reserve)	1998	15	N/A																										
Engine 3	1988																												
Ambulance 1	2011	6	2017																										
Ambulance 2	2011	6	2017																										
Ambulance 3	2004		N/A																										
Brush 1	1996	15	2011																										
Rescue 5	2004	15	2019																										
Utility	2003	15	2018																										
Chief - Chevy 3500	2014	8	2022																										
FM Suburban	2001	8	2009																										
Explorer (OOS)	2005	8	Scrapped																										
F150	2003	8	2011																										
Ops Capt. Crown Vic Code - Chevy Truck	Crown Vic and Code Truck released and given to Code																												
					Replace with Pick-up																								
					Not running - Released from Fleet to be scrapped in auction																								
					Replace with Explorer																								

	Immediate Replacement Requested / or FY 16/17
	Removed from FD Fleet / No Replacement required
	Scheduled Replacement FY



## ADDITIONAL CONSIDERATION

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**Driver Engineer Positions** – All Fire Apparatus are specialized equipment and it is important to have highly trained personnel operating them. Ladder Trucks in particular require a certain skill set.

In preparation for the new ladder truck as well as the development of a sustainable career path, the Driver Engineer position should be created (FY 16/17).

Presentation - July/August

# REQUESTS FOR CONSIDERATION

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- Immediate
  - Replace Truck 1
- FY 16/17 Budget Considerations
  - Replace Fire Marshal Vehicle
  - Replace Ford F150 Staff Vehicle
  - Create Driver Engineer Position