



LODI CITY COUNCIL

Carnegie Forum
305 West Pine Street, Lodi

"SHIRTSLEEVE" SESSION

Date: August 30, 2016

Time: 7:00 a.m.

For information regarding this Agenda please contact:

Jennifer M. Ferraiolo

City Clerk

Telephone: (209) 333-6702

Informal Informational Meeting

- A. Roll Call by City Clerk

- B. Topic(s)
 - B-1 Review of Fleet Replacement Policy (PW)

- C. Comments by Public on Non-Agenda Items

- D. Adjournment

Pursuant to Section 54954.2(a) of the Government Code of the State of California, this agenda was posted at least 72 hours in advance of the scheduled meeting at a public place freely accessible to the public 24 hours a day.

Jennifer M. Ferraiolo
City Clerk

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CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Review of Fleet Replacement Policy
MEETING DATE: August 30, 2016 (Shirtsleeve Session)
PREPARED BY: Public Works Director

RECOMMENDED ACTION: Review of Fleet Replacement Policy.

BACKGROUND INFORMATION: The City's current Fleet Policy was adopted by City Council in March of 2008. The policy outlines the guidelines for replacing the various types of vehicles operated by the City.

At the Shirtsleeve session, the Public Works Department will present a brief overview of Fleet Services and the current Fleet Policy, discuss the current vehicle replacement process, provide examples of City vehicles that are currently operating beyond the recommended schedule for replacement, and share comparisons with other agencies regarding their replacement schedules.

FISCAL IMPACT: Not applicable.

FUNDING AVAILABLE: Not applicable.

Charles E. Swimley Jr.
Public Works Director

CES/CES/tdb

cc: City Engineer/Deputy Public Works Director
Fleet Services Supervisor

APPROVED: _____
Stephen Schwabauer, City Manager

The City of Lodi
Public Works



Review of Fleet Replacement Policy

August 30, 2016



Overview

- Fleet Services Overview
- Current Policy
- Replacement Process
- Fleet Status
- Comparisons
- Questions



Fleet Services Overview

- Departments:
 - Fire
 - Police
 - Transit
 - Public Works
 - Parks
 - Electric Utility
 - Community Development
- Total Inventory:
 - 450 Vehicles/Equip.
 - 288 Vehicles
 - 162 Equipment



Fleet Services Overview

- Electric Utility
 - Boom/Bucket Trucks (Regulated)
 - Dump Trucks
 - Backhoes/Loaders
 - Service Trucks
 - Pickups
 - Sedans/Vans
 - Trailers (1 Regulated)
- Community Development
 - Trucks
- Motor Pool
 - Sedans/Vans
- Equipment
 - Utility Vehicles
 - Compressors/Compactors
 - Generators/Grinders/Small Sweepers/Blowers/Chain Saws/Etc.





Fleet Services Overview

- Fire
 - Ladder Trucks
 - Engines
 - Support Vehicles
- Police
 - Patrol Cars
 - Unmarked Cars
 - Motorcycles
 - Support Vehicles
- Transit
 - Para Transit Buses (“Cutaways”)
 - Transit Buses





Fleet Services Overview

- Public Works

- Street Sweepers
- Dump/Vac Trucks (Regulated)
- Dump Trucks (Not Regulated)
- Backhoes/Loaders
- Boom/Bucket Trucks
- Service Trucks
- Pickups
- Sedans/Vans
- Trailers (1 Regulated)

- Parks

- Dump Trucks
- Backhoes/Loaders
- Pickups
- Sedans/Vans



Services (In House)

- Repairs
 - Engines/Brakes
 - Specialty
 - Emergency equipment
 - Construction equipment
- Regulatory Oversight
 - DOT
 - CARB
 - OSHA
- Parts
 - Inventory/Purchasing
- Administrative
 - Reporting/Titles & Registration





Services (Outsourced)

- Special Testing
 - Smog Test
 - Opacity Test
 - Crane Certifications
 - Underground Storage Tank Testing
- Specialty Repairs
 - Body Work and Paint
 - Fabrication and Welding
 - Windshield and Glass
 - Alignment Work
 - Automatic Transmission Work
 - Specialty Electronic Diagnostics





Current Fleet Policy

- Adopted in 2008
- Policy Objectives:
 - Provide safe, dependable, and clean vehicles to deliver services at the lowest possible cost.
 - Maximize utilization - minimize fleet size.
 - To establish overall policy direction by City Manager.

Current Fleet Policy

- Policy Guidelines:

- City Council approval to increase fleet size and authorize donated vehicles.
- City Manager is responsible for the fleet management, \$50,000 purchasing authority.
- Restricts use to City business with few exceptions.

Current Fleet Policy

- Replacement/Utilization Guidelines

- Establishes criteria for replacement – approved by City Manager
- Identifies replacement funding methodology
 - a. Internal service fund
 - b. Annual operating budgets
- The City Manager to formally evaluate the utilization of City vehicles

Current Fleet Policy



	<u>Use Classification</u>	<u>Service Life (years)</u>			<u>Anticipated Mileage by "Red" Year</u>	<u>Notes</u>
		<u>Green</u>	<u>Yellow</u>	<u>Red</u>		
1.	Police Patrol	< 4	4 to 6	> 6	100,000	
2.	Police Undercover	< 3	3 to 8	> 8	80,000	Relatively short service life recognizes need to maintain undercover anonymity and assumes possible use of used vehicles
3.	Police Motorcycles	< 3	3 to 5	> 5	60,000	
4.	Fire Engine	< 10	10 to 25	> 25	150,000	Typically keep reserve engine(s)
5.	General Purpose Transportation	< 8	8 to 10	> 10	120,000	Includes sedans, minivans, compact pickups
6.	Light/Medium Commercial	< 10	10 to 15	> 15	120,000	Generally less than 2 Ton load rating Vans, full-size pickups, light service trucks
7.	Heavy Duty Commercial	< 15	15 to 20	> 20	100,000	May vary with installed equipment Heavy service trucks, dump trucks
8.	Light Transit Buses	< 5	6 to 10	> 10	220,000	Per Federal Transit Administration
9.	Heavy Transit Buses	< 12	12 to 15	> 15	500,000	Per Federal Transit Administration
10.	Special Purpose	Specific to each vehicle/equipment as approved by the City Manager				Includes Fire Ladder Truck, Street Sweeper, Sewer Cleaner, Trailers and other special vehicles and equipment

Replacement Process

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- Reasons for replacement:
 - Worn out or needing major/expensive repairs
 - Involved in major accident
 - Unsafe

Replacement Process

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- Departments budget for new and replacement vehicles/equipment
 - Fleet Coordinator
 - Fleet evaluates department requests
 - Approval requires 5 separate signatures
 - Replacement Criteria/Funding
 - CM approval < \$50k/Council notification
 - Council approval > \$50k
 - Fleet assists with purchase/disposal
 - Specification/State Contract(s)
 - Disposal – auction / scrap

Fleet Status

- 73 out of 288 vehicles currently in service today meet or exceed the minimum replacement criteria (25%)
- 1968 Ford F600 boot truck 48 years in service.
- 1978 Ford F700 water truck 38 years in service.
- 1978 Chevrolet $\frac{3}{4}$ ton flat bed 38 years in service
- 1983 Ford E350 box van 33 years in service



Fleet Status

- 1966 Chevrolet C60 in service for daily use from 1966 and removed from service July 2014
- Exceeded minimum replace criteria by 38 years



Comparisons



Replacement Criteria															
Organization	Police Patrol		Police Undercover		Fire Engine		Sedans and Pickups		Light/Medium Commercial		Heavy duty Commercial		Special Purpose		Comments
	Miles	Years	Miles	Year	Miles	Years	Miles	Years	Miles	Years	Miles	Years	Miles	Year	
City of Lodi - Fleet Services	100,000	6	80,000	8	150,000	20	120,000	10	120,000	15	100,000	20	Individual Case Bases		Special Purpose Includes Street Sweeper, Sewer Cleaner, Trailers and Other special vehicle and equipment
City of Sacramento Department of Public Works	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Based on point system vs. Miles & Years Any vehicle receiving 15 points or higher is scheduled for replacement
El Dorado County Fleet Services	Sedan 105k Utility 110k	AR	sedan 120k SUV 135k	AR	NA		Sedan 120k SUV/PU 125 - 135	12	135k 2wd 150k 4x4 160k diesel	42719	NA	20	NA	swpr 8yr others 12- 15 or AR	Internal annual 18 month usage projections calculate bidding replacement list. Transportation Div. Heavy Equip judged on a 10 year plan and ARB-AQMD
Placer County	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	We're in the process of implementing FASuite replacement and planning module anyone else using this?
Sacramento Metropolitan Fire District	N/A	N/A	N/A	N/A	150,000	20*	125,000	10	150,000	15	N/A	N/A	150,000	20*	*Fire apparatus is 15 year front line & 5 year reserve for a 20 year total.

Comparisons



- City of Sacramento
 - Utilizes a point system
 - Replaces vehicles at 15 points +
 - Age = 0-5 points
 - Mileage = 0-5 points
 - Maintenance cost = 0-10 points
 - Once Maintenance costs reach original purchase price = 10 points
 - 10% of original price = 1 point 20% = 2 points 30% = 3 points and so on

Comparisons



- Waste Management
 - Garbage Trucks
 - 8 Years (per franchise)
 - Roll offs (semi tractors to haul dumpsters)
 - 12-15 years
 - Supervisor trucks
 - 10 – 12 years
 - Evaluate based on a maintenance cost/purchase price ratio

Comparisons



- Greyson Engineering
 - Large diesel equipment
 - State Regulations (diesel emissions)
 - 10 – 15 year replacement
 - Repairs exceed value of vehicle
 - Forman Trucks
 - 10 – 12 year replacement
 - 150,000 – 200,000 miles
 - Extended replacement cycle
 - Emphasizes maintenance

Comparisons



- Clark Pest Control
 - Ford Rangers and F150's
 - 10 years +/-
 - 175,000 – 250,000 miles
 - Repairs exceed value of vehicle
 - Moved to “spare status” after 150,000 – 175,000 miles
 - Not depended on daily
 - Utilize video recording
 - Found to reduce maintenance/repair costs
 - Extended replacement cycle
 - Employs competition between branches



Questions???