

STATE OF MAINE

COUNTY OF YORK

CITY OF SACO

I. CALL TO ORDER – On Monday, November 20, 2006 at 7:00 p.m. a Council Meeting was held in the City Hall Conference Room.

II. ROLL CALL OF MEMBERS – Mayor Johnston conducted a roll call of the members and determined that the Councilors present constituted a quorum. Councilors present: David Tripp, Leslie Smith Jr., Ronald Morton, Roland Michaud, Arthur Tardif, Eric Cote and Christopher Jacques.

III. PLEDGE OF ALLEGIANCE

IV. APPROVAL OF MINUTES:

V. GENERAL

VI. AGENDA ITEM:

A. FIRE TRUCK PURCHASE

In 2001, the Fire Department apparatus plan was written based on the concept of reducing fleet numbers by purchasing quality vehicles that are more versatile. Completing the plan calls for the purchase of a new pumper and elimination of 2 older pumpers. The move will maximize fire suppression while eliminating costly maintenance of the old pumpers.

While preparing cost and specification information on the new pumper it was noted that a significant cost increase occurs when the 2007 models are available in January. The cost increase is due to the new 2007 engines, which cost significantly more and require a new redesigned industry standard cab that is 4 inches wider [100 inches] than the current industry standard of 96-inches.

The increased width of the 2007 model is a major obstacle to fitting the new pumper in Central Station. The 100-inch cab would have only 2 inches of clearance per side, which is not enough clearance to prevent striking the building. To widen the opening enough for the 100-inch cab would be very costly and require removing bearing supporting brickwork on the front of the building.

The city has purchased the last 5 apparatus from Ferrara Fire Apparatus Inc. They have some 2006 engines and 96-inch cabs still available but when they are gone they will only build 100-inch cabs. After negotiations, the price of a 2006 pumper meeting all the city specifications on a 96-inch cab is \$358,853 or \$41,946 less than an 2007 pumper with the new engine and wider cab.

Saco Fire Department Equipment Replacement Plan

Consistent with past experience and recommended industry procedures the equipment replacement schedule is based on the following:

Apparatus replacement is not based solely on age, but includes workload, physical condition, and preventative maintenance.

Pumpers and Pumper Tankers

A 10 to 15 year life expectancy is considered normal for pumpers that are used daily in moderate to heavy response areas. Front line pumpers must respond to many routine auto, brush, and rubbish fires as well as perform longer duration pumping operations. These activities take their toll on the chassis, body, engine, driveline, and pump. With the call volume in the City of Saco and based on past experience it is fair to consider a 20 year life expectancy on commercial chassis pumpers and 25 years from custom extruded aluminum bodied pumpers. In order to extract maximum life from equipment, we will continue to place new apparatus in the busiest location, which is currently Central Station, and then later to the less busy substations. This allows maximum usage while the vehicle is under

warranty and maximizes mileage and usage during the life of the vehicle. Specialty pieces such as tanker/pumpers and brush units will be placed for maximum efficiency.

Aerial Apparatus

Aerial apparatus should last somewhat longer in the range of 20-25 years if their response criteria and vehicle workload are considerably less than those of pumpers. Factors considered will be general condition, aerial testing results, technological and safety improvements, and workload.

Rescues

Rescues will continue to be replaced after eight years of service. After 4 years of front line service the rescue will be placed in the secondary slot and used during the winter months and as a backup to the primary rescue.

Service Vehicles

Service vehicles will be replaced based on condition and function.

Bucket truck The bucket truck was turned over to the Public Works Department after elimination of the municipal fire alarm system and all maintenance and replacement responsibilities have been removed from the fire department

The bucket truck will be replaced based on an as need basis considering the age, condition, workload, and aerial test results

In most cases, apparatus over 25 years old should not be used in first-in service.

Equipment Reduction

Based on maximum efficiency and minimum apparatus, the apparatus replacement will be based on:

Central Station: Responds to all emergencies in all districts in the city. Staffed by fulltime employees

Attack Engine

- 1250 or larger pump capacity
- 1000 gallons of water
- Class A and B foam capability
- 1000 ft of large diameter hose
- Scene lighting capability

Aerial

- 100 foot or larger steel aerial
- 1250 or larger pump capacity
- 400 gallons of water
- 700 feet of large diameter hose
- Scene lighting capability

Lay Truck

- 1250 or larger pump capacity
- 1000 gallons of water
- Class B foam capability
- 1000 ft of large diameter hose
- Scene lighting capability
- Vehicle extrication equipment
- Medical response equipment

Rescues

Both type III transporting rescues respond from Central Station licensed at the intermediate level permitted to the paramedic level.

Brush Truck / light utility

Slide in 300-gallon brush unit that is removed during winter months. During winter months ice rescue equipment is carried on this unit. Carries low angle rope rescue equipment year round. Used to pull Marine 5 and learn not to burn education trailer

Service 1 and Engine 5 were both replaced by this one vehicle

Reserve pumper

Since the new aerial was purchased with a class a pump there is no longer a need for a third engine at Central We can handle 3 simultaneous stills as well as the ladder pumping its own master streams. The 1986 Midliner Mack was moved from Central Station to the Bayview Station to replace Engine 3, which was removed from the fleet when the new aerial was purchased with a pump. Engine 3 will not be replaced. By moving Engine 1 to the Bayview Station, this maintains the 1000 gallon water requirement in that substation.

North Saco Station: Responds to all structure fires in Saco and still alarms and medical calls in North Saco District

Attack Engine [Will serve as reserve engine for all districts when needed leaving Tanker to cover district]

- 1250 or larger pump capacity
- 1000 gallons of water
- Class B foam capability
- 1000 ft of large diameter hose
- Scene lighting capability
- Medical response equipment

Tanker

- 1250 or larger pump capacity
- 2500 gallons of water
- Folding tank
- 1000 feet of large diameter hose

Bayview Station: Responds to all structure fires in Saco and still alarms and medical calls in Bayview District

Attack Engine

- 1250 or larger pump capacity
- 1000 gallons of water
- Class B foam capability
- 1000 ft of large diameter hose
- Scene lighting capability

Medical response equipment

Second Attack Engine

Eliminate from fleet in 2007 when Engine 1 and Engine 2 are replaced by one new apparatus.

Service vehicles

Car 1 assigned to Chief [SUV]

Service 2 [4 wheel drive shared by deputies and staff]

Service 3 [4wheel drive shared by deputies and staff]

In the City Capital Replacement Schedule Engine 1 was scheduled for replacement in the 2006 budget cycle but was not replaced in the 2006 or 2007 budget. **It is scheduled to be replaced in the upcoming 2008 budget cycle.**

This scheduled replacement is the last purchase in the fleet modernization for the fire department. After this purchase we will have reduced the number of engines by 2 and service vehicles by 1 without affecting our fire suppression ability.

fire truck

Compound Period: Annual

Nominal Annual Rate: 4.500 %
 Effective Annual Rate ...: 4.500 %
 Periodic Rate: 4.5000 %
 Daily Rate: 0.01233 %

CASH FLOW DATA

Event	Start Date	Amount	Number	Period	End Date
1 Loan	07/01/2007	358,853.00	1		
2 Payment	07/01/2008	45,351.42	10	Annual	07/01/2017

AMORTIZATION SCHEDULE - Normal Amortization

Date	Payment	Interest	Principal	Balance
Loan 07/01/2007				358,853.00
2007 Totals	0.00	0.00	0.00	
1 07/01/2008	45,351.42	16,148.39	29,203.03	329,649.97
2008 Totals	45,351.42	16,148.39	29,203.03	
2 07/01/2009	45,351.42	14,834.25	30,517.17	299,132.80
2009 Totals	45,351.42	14,834.25	30,517.17	
3 07/01/2010	45,351.42	13,460.98	31,890.44	267,242.36
2010 Totals	45,351.42	13,460.98	31,890.44	
4 07/01/2011	45,351.42	12,025.91	33,325.51	233,916.85
2011 Totals	45,351.42	12,025.91	33,325.51	
5 07/01/2012	45,351.42	10,526.26	34,825.16	199,091.69
2012 Totals	45,351.42	10,526.26	34,825.16	
6 07/01/2013	45,351.42	8,959.13	36,392.29	162,699.40
2013 Totals	45,351.42	8,959.13	36,392.29	
7 07/01/2014	45,351.42	7,321.47	38,029.95	124,669.45
2014 Totals	45,351.42	7,321.47	38,029.95	
8 07/01/2015	45,351.42	5,610.13	39,741.29	84,928.16
2015 Totals	45,351.42	5,610.13	39,741.29	
9 07/01/2016	45,351.42	3,821.77	41,529.65	43,398.51
2016 Totals	45,351.42	3,821.77	41,529.65	
10 07/01/2017	45,351.42	1,952.91	43,398.51	0.00
2017 Totals	45,351.42	1,952.91	43,398.51	

fire truck

Date	Payment	Interest	Principal	Balance
Grand Totals	453,514.20	94,661.20	358,853.00	

Councilor Cote moved, Councilor Tripp seconded, “Be it Ordered that the City Council authorize the purchase of (1) Ferrara Pumper Fire Truck for a cost of \$358,853.00 to be financed over a ten year period and upon delivery of the new fire truck, further move to make an exception to *Chapter 4, Article VIII of the Administrative Code-Policies and Procedures – 4-40 Loaning or Selling City Property or Equipment* to declare as surplus property the (2) old fire trucks and authorize the City Administrator to dispose of the property in the most advantageous way.” Further move to approve the Order. The motion passed with seven (7) yeas.

1ST AMENDMENT – Councilor Morton moved, Councilor Tripp seconded to add the language “\$100,000 will be applied to the outstanding balance on or before the 5th Anniversary of ground breaking for the project as included in the Credit Enhancement Agreement between the City of Saco and Saco Island, LLC”. The motion passed with seven (7) yeas.

2ND AMENDMENT – Councilor Michaud moved, Councilor Tripp seconded to “Incorporate the findings in the motion to include the sole source bidding requirements”. The motion passed with seven (7) yeas.

VII. ADJOURNMENT

Councilor Tripp moved, Councilor Smith seconded to adjourn at 7:10 p.m.

ATTEST: _____ DATE APPROVED: _____
Michele L. Hughes, Deputy City Clerk