



TAYLOR FIRE DEPARTMENT

To: Frank Salvato, City Manager
From: Chief Haywood Stanford, Taylor Fire Department
Date: May 27, 2003
Subject: Replacing 281 and 286

Over the last two years, we have seen a very substantial increase in apparatus maintenance cost. Most of this cost has been due to our two oldest commercial pumpers. They are a 1992 International Tristar (281) and a 1986 Boardman Ford e9000 (286). In addition, both trucks are presently in need of expensive maintenance repairs. The estimated costs of these repairs are over \$14,000. Due to the age, condition, and increased cost to keep these apparatus in service, it could be advantageous to the City to explore replacing both of these aging vehicles with one new custom pumper. By auctioning the two older vehicles, the City could be expected to recoup some of the cost, but the amount is not known. Historically, used fire vehicles do not command a great deal of money.

Looking at the future operations of the service, we need to consider our other two first out vehicles and how they will be used. We have seen a steady climb in our call volume as the City has grown. We can expect that to continue. At this time, we average 4.09 calls every 24 hours. About 80% of those calls will be trauma, or medical emergencies. Those calls are answered by engine companies, which respond in fire apparatus. A normal medical call (except rescue) requires two personnel (EMT's) and basic life support equipment. This response could be accomplished by much smaller vehicles, which should be cheaper to operate and maintain. Other than vehicle accidents or rescue calls, this would free two additional firefighters manning an engine company in station. Responses would be much safer for the public, as well as firefighters, due to traffic maneuverability and braking ability of the smaller vehicles. This would hold down mileage on the other apparatus.

Following is a breakdown of operations that would be long term cost savings to our citizens, and enhance our service to the public.

Recommendations

1. Replace our 2 older pumpers with one new Custom Class A 1250 Pumper. Our estimated cost would be in the \$196,000 (American la France) - \$250,000 (Pierce) range, depending on options. The equipment cost is approximately \$20,000.

2. Purchase 2 Chevrolet Blazers to be used as medical responder vehicles. The cost is approximately \$19,000 each for a estimated total of \$38,000. Equipment for the blazers will be approximately \$4,000 total.
3. Close the fire station on Victoria Street and combine personnel at the two remaining stations. Save approximately \$6,800.00 per year on utilities (gas, electric, and phone).
4. Duplicate vehicle capability as follows:

Downtown

1 Class A Pumper
 1 Tanker
 1 Brush Truck
 1 EMS Responder Unit

4 personnel per station
 Total of 8 per shift

Victoria

Tanker/Command

Mallard & Loop

1 Ladder/Pumper
 1 Reserve Class A Pumper
 1 Brush Truck
 1 EMS Responder Unit

Thank you for your consideration.

H-GAC Product Code		Product Description	Mfgr Model Code	Contractor	Base Price
EAA	Chevrolet	S10 Blazer LS, 2dr, 4wd, 4.3L, V6, A/C, Auto. Trans.	CT10516	JK Chevrolet	\$18,482
EAB	Chevrolet	S10 Blazer LS, 2dr, 2wd, 4.3L, V6, A/C, Auto. Trans.	CS10516	JK Chevrolet	\$15,857
EAC	Chevrolet	S10 Blazer, 4dr, 2wd, 4.3L, V6, A/C, Auto. Trans.	CS10506	Lawrence Marshall Chevrolet	\$17,569
EAD	Chevrolet	Tahoe wagon, 4dr, 2wd, 4.8L, V8, A/C, Panel Rr. Doors	CC15706	JK Chevrolet	\$22,182

JDCABAB	1) American LaFrance Gulf Coast 2) Around the Clock (ATC) American LaFrance	American LaFrance Corp.	Pumper	American LaFrance Metropolitan 4-Door Custom Full Tilt, Pumper, Stainless Steel Body, Single Rear Axle, 1500 gpm pump, rear mount	\$193,086
JECABAD	1) Martin Apparatus, Inc 2) Siddons Fire Apparatus, Inc.	Pierce Manufacturing	Pumper	Lance Chassis, Single Rear Axle, Formed Aluminum Body, 1250 gpm	\$238,925

October 1999 – May 22, 2003

281 \$27,783.96

Repairs include pump control, wiring, lubricant, leaking drain valves, gauges, rebuilding valves, all lights, chassis air system leaks, radiator, bi-annual, leaking pump, relief valve, lug nuts, antifreeze leak, pump throttle cable, governor, air drier, filters, air compressor, water pump, tires, batteries.

The total amount is all repairs that have been completed. This truck is still requiring an estimated \$12,770.00 in pump and brake repairs.

286 \$21,783.57

Repairs include lights, pressure gauges, tank, chassis air brake treadle valve, alternator, pump packing leaking, bi-annual, air leaks, water leaks, fuel system, cab lift, radiator, compressor, brakes, tires, governor, batteries, windshield.