



stations housed in the city. Over the last few years, the department has experienced a significant increase in repair and replacement of vital apparatus door parts.

**DISCUSSION:**

The Measure Z Five-Year Spending Plan was adopted by the City Council on May 16, 2017. Included in that spending plan was approximately \$11.15 million in the Fire Department vehicle replacement costs over the first five years, including a one-time infusion of 16 vehicles that were to be financed over 10 years, consisting of eight fire engines, two tiller trucks, one straight truck, two water tenders, one brush truck and two squads. All Measure Z fire apparatus are in service and the department is in the process of purchasing two more fire engines. The department is requesting capital improvement modifications to better accommodate the fire apparatus fleet.

*Capital Improvement - Arlington Heights Fire Station*

Constructed in 1975, Arlington Heights Fire Station No. 10 houses a single engine company serving the neighborhoods of Arlington Heights and Casa Blanca. It is staffed 24/7 with one (1) fire captain, one (1) fire engineer, one (1) firefighter and one (1) firefighter/paramedic. The station is a residential structure that was redesigned to house a fire truck. To accommodate the size of newer fire apparatus, the department is requesting to modify the height of the existing apparatus bay opening from 10 feet to 11 feet.

*Fire Apparatus Bay Door - Maintenance*

Like any mechanical device, fire apparatus doors, motors and associated accessories have a limited life span. Apparatus bay doors open and close thousands of times each year at all fire stations. The fire department has a budget to fix apparatus bay doors, however the costs of repair often exceeds the department’s budget. It is the departments desire to fix needed repairs and then focus on a routine preventative maintenance schedule to prolong the lifespan of the equipment.

| Fiscal Year | Allocated budget | Actual Expenditures |
|-------------|------------------|---------------------|
| 17/18       | \$10,400         | \$40,990            |
| 18/19       | \$10,400         | \$47,500            |
| 19/20       | \$10,400         | \$46,500            |

The General Services Director concurs with the recommendation in this report.

**FISCAL IMPACT:**

To date, the cumulative cost of replaced vehicles has been less than anticipated. As a result, funding is available for reallocation without impacting the vehicle replacement plan.

The estimated cost to complete the modification of the Arlington Heights Fire Station apparatus bay door and the cost associated with repairing apparatus bay doors throughout the department will not exceed the amount of \$400,000. If approved by the City Council, the Measure Z Vehicle Replacement funded amount is available in account 8001401-450058.

Prepared by: Michael D. Moore, Fire Chief  
Certified as to  
availability of funds: Edward Enriquez, Chief Financial Officer/City Treasurer  
Approved by: Lea Deesing, Assistant City Manager  
Approved as to form: Kristi J. Smith, Interim City Attorney

Attachment: Presentation