

Budget Engagement Commission

City of Arts & Innovation

TO: HONORABLE COMMISSIONERS DATE: JANUARY 14, 2021

FROM: FIRE DEPARTMENT WARDS: ALL

SUBJECT: MEASURE Z - REQUEST APPROVAL TO AMEND FIRE VEHICLE

REPLACEMENT PLAN AND REALLOCATE FUNDING TO SUPPORT CAPITAL IMPROVEMENTS TO INCREASE THE HEIGHT OF THE FIRE APPARATUS DOORS AT STATION 10 AND TO MAKE NEEDED REPAIRS ON APPARATUS BAY DOORS ON FIRE STATIONS THOUGHOUT THE CITY NOT TO EXCEED

THE AMOUNT OF \$400,000

ISSUE:

Recommend that City Council approve the request to amend the Measure Z fire vehicle replacement plan and reallocate funding to support capital improvements to increase the height of the apparatus bay door at Fire Station 10; and to complete needed repairs on apparatus bay doors at fire stations throughout the city not to exceed the amount of \$400,000.

RECOMMENDATIONS:

That the Budget Engagement Commission recommend that the City Council approve the request to amend the Measure Z fire vehicle replacement plan and reallocate funding to support capital improvements to increase the height of the apparatus bay door at Fire Station 10 and to complete needed repairs on apparatus bay doors at fire stations throughout the city not to exceed the amount of \$400,000.

BACKGROUND:

Capital Improvement- Arlington Heights Fire Station

Prior to the 1980s, most fire stations were planned and built with smaller sized apparatus bay doors to accommodate a standard sized fire engine of that era. The apparatus bay door at the Arlington Heights Fire Station is 10 feet tall and 18 feet wide. The height of the fire engine currently housed at the fire station is 9 feet and 7 inches. Engine 10 is scheduled to be replaced with a newer apparatus whose height dimension exceeds the opening of the existing apparatus bay.

Fire Apparatus Bay Door- Maintenance

The ability to have proper functioning apparatus bay doors is critical to the fire department's ability to respond to emergencies in a timely manner. The fire department is responsible for providing maintenance on a total of 68 manual and motor operated overhead doors throughout the 14

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.

Reallocation Measure Z funding • Page 3

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