



City Council Memorandum

City of Arts & Innovation

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TO: HONORABLE MAYOR AND CITY COUNCIL DATE: MARCH 23, 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 THROUGHOUT THE CITY NOT TO EXCEED THE AMOUNT OF \$400,000

ISSUE:

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 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.

COMMISSION RECOMMENDATION:

The Budget Engagement Commission met on January 14th, with Chair Lyell, Vice Chair Mendez, Commissioners Mounsey, Burns, Pelzer, Arballo, Scarano, Demshki, Kyles, Fine, Segura and Kester present, to consider the proposal to amend the Measure Z fire vehicle replacement plan to 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. After discussion the Budget Engagement Commission unanimously voted to recommend that the City Council approve the Fire Department's request.

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 currently houses Engine 10, a fire engine that is

9 feet, 7 inches in height. Engine 10 is scheduled to be replaced with a newer apparatus whose height dimension is 10 feet, 4 inches tall. The height of the new apparatus 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 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

Attachments:

1. PowerPoint Presentation