



City of Homer

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Public Works

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Memorandum 22-123

TO: Mayor Castner and City Council
THROUGH: Rob Dumouchel, City Manager
FROM: Janette Keiser, PE, Director of Public Works
DATE: July 13, 2022
SUBJECT: Fire Hydrant Replacement

I. Issue: The purpose of this Memorandum is to request funding to replace obsolete or broken fire hydrants.

II. Background:

About 100 of Homer's fire hydrants are old and obsolete; that is, when they malfunction, break or leak, we cannot get parts to repair them so we need to replace the entire hydrant assembly. We've experienced this twice in the last month! These hydrants must be functional if we are to maintain the City's ISO fire insurance rating. We have developed a strategy to address this – we'll do some hydrant replacements every year. For example, if one of the old hydrants needs to be relocated or otherwise adjusted as part of a capital project, we will replace that hydrant with a modern one.

We will be incorporating a Hydrant Replacement Program in the Water Capital Improvement Program, to be funded by the Water CARMA Account. We have three of these old hydrants on Main Street, where we are building the sidewalk. The original plan was to adjust the hydrants to a new vertical alignment, but we need to replace them. We will also encounter multiple old hydrants when we built the W. Fairview Avenue path. It costs approximately \$10,000 to furnish and install a new fire hydrant. We would by a small inventory of hydrants so we would have them on hand when we needed them.

III. Recommendation:

That the City Council authorize funding from the Water CARMA in the amount of \$100,000 for a Hydrant Replacement Program. Our plan would be to request this funding each year until all the obsolete hydrants are repaced.

CITY OF HOMER
FINANCIAL SUPPLEMENT

PROJECT NAME	<u>Fire Hydrant Replacement Program</u>	DATE	<u>07/21/2022</u>
DEPARTMENT	<u>Public Works</u>	SPONSOR	<u>City Manager/PW Director</u>
REQUESTED AMOUNT	<u>\$ 100,000</u>		

DESCRIPTION	Approximately 100 of the City's fire hydrants are old and obsolete and as a result parts are no longer available to do repairs when they malfunction, break or leak. Fire hydrants must be functional if we are to maintain the City's ISO fire insurance rating. A Hydrant Replacement Program should be created within the Water Capital Improvement Plan. Public Works strategy will be to purchase an inventory of hydrants and do replacements each year until all obsolete hydrants are replaced. The cost to furnish and install a new fire hydrant is approximately \$10,000.
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FUNDING SOURCE(S)	OPERATING	GF CARMA	GF FLEET CARMA	PORT RESERVES	WATER CARMA
	0%	0%	0%	0%	100%
	HAWSP	HART-ROADS	HART-TRAILS	PORT FLEET RESERVES	SEWER CARMA
	0%	0%	0%	0%	0%

FUNDING SOURCE 1: WATER CARMA	FUNDING SOURCE 2:	FUNDING SOURCE 3:
Current Balance <u>\$ 1,859,836</u>	Current Balance _____	Current Balance _____
Encumbered <u>\$ 805,835</u>	Encumbered _____	Encumbered _____
Requested Amount <u>\$ 100,000</u>	Requested Amount _____	Requested Amount _____
Other Items on Current Agenda <u>\$ 0</u>	Other Items on Current Agenda _____	Other Items on Current Agenda _____
Remaining Balance <u>\$ 954,001</u>	Remaining Balance _____	Remaining Balance _____
FUNDING SOURCE 4:	FUNDING SOURCE 5:	FUNDING SOURCE 6:
Current Balance _____	Current Balance _____	Current Balance _____
Encumbered _____	Encumbered _____	Encumbered _____
Requested Amount _____	Requested Amount _____	Requested Amount _____
Remaining Balance _____	Remaining Balance _____	Remaining Balance _____