



Mayor Robert E. Simison
City Council Members
Joe Borton
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TO: Keith Watts

FROM: Dean Stacey,
Engineering Project Manager

DATE: January 18, 2022

SUBJECT: CONSTRUCTION CONTRACT WITH COUGAR EXCAVATION FOR
HICKORY WATER MAIN REPLACEMENT PROJECT FOR A NOT-TO-
EXCEED AMOUNT OF \$883,286

I. DEPARTMENT CONTACT PERSONS

Dean Stacey, Engineering Project Manager	208-489-0386
Kyle Radek, Assist City Engineer	208-489-0343
Warren Stewart, City Engineer	208-489-0350
Laurelei McVay, PW Director	208-985-1259

II. DESCRIPTION

A. Background

The Public Works Department plans the replacement of aging water lines and sewer mains throughout the City. The existing 12-inch water main on Hickory Ave., from E. Pine Ave. to E. Fairview Ave. has been prone to breaks in recent years. The root cause of the breaks appears to be improper pipe bedding during construction. It is more cost effective to replace the entire length of main in Hickory Ave. rather than continue repairing sections of the water main and rebuilding the road as breaks occur.

Proposed Project

- B.** Replace approximately 3,000 feet of existing 12-inch water main, valves and hydrants in N. Hickory Ave. from E. Pine Ave. to E. Fairview Ave. Included in

the project is a new in-line valve located East of Hickory on Jewel and one on N. Hickory near Fairview. These new valves will reduce customer outages in the area in the future during scheduled or unscheduled outages. Once the new lines are installed and tested, the contractor will switch over existing hydrants and water services to the new water main and repair any road and sidewalks affected by construction.

III. IMPACT

A. Fiscal Impacts

Project Costs:

Fiscal Year 2022	Construction Contract	\$803,286
	Contingency 10%	\$80,000
	Total Project Cost	\$883,286

Project Funding

Fiscal Year 2022	Account Code / Codes	
	60-3490-95000	\$883,286
	Total Funding	\$883,286

B. Alternatives

This project could be delayed. This would save money in the short term, but would likely result in a higher life cycle cost of the water main due to the additional water main breaks, increasing costs of pipe and road repairs. Such reactive repairs would also have a negative impact on traffic and water service to customers.

C. Time Constraints

Council approval will allow this construction project to begin in early February 2022, and be complete no later than August 2022. The Settlers Lateral irrigation crossing has to be complete before March 15th of this year, or wait until fall of 2022.

Departmental Approval:

