



**Village of Rycroft
Request for Decision
Council Meeting Date: December 15, 2020**

TOPIC: M67 Fire Hydrant Upgrades/Replacement

RECOMMENDED ACTION: That Council motion to add \$84,000 to the 2021, 2022, and 2023 capital budgets for fire hydrant upgrades and repairs.

BACKGROUND: All 21 of our M67 Hydrants within the Village are 30+ years old and due for replacement. Some inspections have shown significant deterioration so replacement over the next short period is a requirement. As parts are obsolete, should some prove to be repairable, we will evaluate and do so at that time.

We are planning to upgrade all hydrants over the next three years at seven per year. This is also the time to have the pumper nozzles updated to Storz nozzles, and barrel height extended where needed at the request of the Fire Department. Pricing for the 21 Hydrants replacement kits for upper body including internals + Storz and rod/valve assembly is \$3,972 each. Extensions kits are between \$1,000 (12") to \$1,300 (30") depending on how much the hydrant body needs to be raised. Therefore, the minimum cost for upgrading each hydrant is estimated at \$4,900 each. The estimated cost of each full hydrant replacement is \$12,000 each.

The maximum cost for the 21 hydrants is estimated to be \$252,000, or \$84,000 per year for three years (full replacement).

A Capital Budget allocation of \$84,000 is required for 2021 for the project and additional amounts will be needed in the next two years should this route be chosen. Our goal will be to get to 7 hydrants in year one and re-evaluate for the next years.

FINANCIAL IMPLICATIONS: \$4,900 to upgrade a hydrant or \$12,000 for replacement, x 21.

POLICY AND/OR LEGISLATIVE IMPLICATIONS: Council does have fire protection as part of their service to residents. This project was added to Council's Strategic Priorities Chart under operations

ALTERNATIVE OPTIONS:

1. Council could further delay the capital purchase of the Village fire hydrant system.

ATTACHMENTS: Village Hydrant Location Map

Dolan Isaac
Public Works Foreman

December 9, 2020
Date