



**Village of Rycroft
REQUEST FOR DECISION**

Council Meeting Date: March 16, 2021

TOPIC: Public Works Fleet Assessment

ADMINISTRATION RECOMMENDATION: That Council add \$45,000 to the 2021 capital budget to purchase a new work public works truck for the Village.

BACKGROUND: At the regular Council meeting of March 3, Council gave direction to research more fleet options to replace the stolen Public Works work truck that was taken from inside the Public Works shop on February 5, 2020.

The following is what we have in the Village fleet of work units:

- **1988 Champion 720A Grader.** We used it for 150 hrs (~10-20 days total) in 2020. It is used for grading in the summer and is the main snowplow equipment for the winter months. Due to its age and condition, this machine needs to be operated delicately due to a multitude of extreme wear issues.
- **2012 John Deere 310SJ Backhoe.** We used it for 276 hrs in 2020. It is used for excavation year-round, and secondary snow plowing unit with the 6-way blade in the winter: parking lots, alleys, main street, spot plowing, and ice removal. It is in good condition as maintenance has been kept up.
- **Cat 262D Skid Steer.** We used it for 427 hrs in 2020. It is used year-round for landscaping, excavation clean up, street sweeping, as a forklift, and snow removal in parking lots, driveway windrows, and hydrant clearing. Good condition. We will own it outright after the final payment in December 2021.
- **Ingersoll-Rand DD-35 Drum Roller** has 1141 hrs to date. We use it for a couple weeks during the summer for pothole repair and for excavation backfill finish packing. It is a second-hand unit from auction and is in poor condition.
- **1988 Ford Blue One Ton Truck** with flat deck and toolboxes. It has 81,647 km to date. The primary purpose is to hold the Hotsy and 300-gallon water tank and this set up is used for thawing culverts, approximately 2 weeks during the spring, and water valves as needed. We also use it as a mobile wash station when needed and water truck when watering plants and grass if needed in the summer. It is in fair condition but the motor getting tired.

- **2009 Dodge White One Ton Truck** with dump box/converts to flat deck. 26,685 km to date. Summer use is to haul material like gravel and dirt, for example during excavations, keyhole reclamation, and spot road maintenance. In the winter its primary use is to carry the Snowex sander for ice control. It is in good condition - wish it was a 4x4.
- Stolen **2010 Ford F150 2x4** standard cab with an 8-foot box had 65,000 kms. It is used year-round every day and holds a full complement of daily tools for standard jobs. It is used to haul push grass mowers, fuels, and other tools for specific jobs. Does morning checks at water plant, playgrounds, roads, etc., going to and from job sites, main truck for summer jobs: weed trimming, tree pruning in alleys, garbage hauling, etc.
- **2020 Dodge 4x4** Foreman/mobile safety supplies has 1,743 kms on it. Used year round by Foreman and staff when needed. Carries a full complement of daily tools along with safety disposables (gloves, ear protection, safety glasses, first aid, eye wash, incident/near miss/field level hazard identification forms). It is taken home nightly to allow Foreman to check road conditions, emergency events, Village inspections during bad weather events all at a moment's notice any time day or night. It is also the primary vehicle for moving Public Works staff to courses, training, or meetings. It will be in excellent condition once body damage is repaired.
- **John Deere Z970R Zero Turn Mowers:** One is a mulcher unit with 237 hrs on it. It is used on playgrounds and is a secondary unit for other mowing jobs. The other is a side discharge unit with 178 hrs on it (newest) that is primary machine for mowing Municipal Reserve lands, ditches, arena, and berms. Both are in good condition and used during the summer months.
- **Grasshopper Front Deck Mower** is primary mower that goes out with the side discharge John Deere zero turn on all mowing. Is in good condition.

The replacement of the stolen ½ ton needs to be another ½ ton truck, as it is used by labourer and summer students for morning checks and multiple daily tasks driving through the Village. A 5500 truck would be too large and cumbersome to be doing these daily tasks.

A 5500 4x4 would fit in the fleet as a replacement to the Dodge 1 ton with dump box as it would allow hauling of larger loads, saving time by minimizing the number of loads hauled. It would also be able to hold a larger sander which would be easier to fill when being loaded by the Laprairie front end loader. We could do more of the Village roadways in a single load instead of having to go for multiple loads during a sanding job.

A new 5500 would replace the jobs of the 2009 white Dodge 1 ton in the fleet, with the Dodge moving into the position of the 1988 Blue Ford 1 ton and the jobs it does. The Ford one ton could then be removed from the fleet.

Until we can get the replacement of the ½ ton we do need the rental truck especially with the Dodge going in for repairs. This too will need to be replaced with a rental until it is repaired (2 weeks, rental covered under insurance).

As for Trench cage the price would be \$10,000 to \$15,000 for a 6 x 8 foot aluminum cage (aluminum due to the fact our hoe would struggle to lift in and out of hole a steel cage). A steel cage would be a close to same price anyways. The trench cages do not have to have yearly inspections or re-certifications. They do need to be inspected before use for any damage. Damage can be repaired by a local contractor if manufacturers specs are followed for the repair. Our best option is to use our contractor's cage at a cost of \$100 per use.

For putting the 51 street dig to asphalt this summer, it is not recommended as even with proper fill and compaction, it needs the opportunity to settle for a year due to the fact you can never get complete compaction around the edges of the hole. If we pave it, it will very likely result in a permanent dip in the road. The dig on 49 street also that needs the same treatment.

IMPLICATION OF DECISION

FINANCIAL IMPLICATIONS: An additional \$45,000 to the 2021 capital budget that will come from our equipment reserve account.

POLICY AND/OR LEGISLATIVE IMPLICATIONS: None.

ALTERNATIVE OPTIONS:

1. We could investigate leasing a vehicle.
2. We could search for a second-hand vehicle.
3. We could use our existing fleet and most jobs will involve us driving an oversized vehicle through the Village everyday

ATTACHMENTS: None

Dolan Isaac

Public Works Foreman

March 10, 2021

Date

Peter Thomas

Chief Administrative Officer

March 10, 2021

Date