



Memorandum

To: Peter Thomas, CAO
From: Dolan Isaac, Public Works Foreman
Date: March 8, 2021
Re: Public Works Department Report for February 9 to March 8, 2021

Projects

- Reached out to New Line, Thuro, and Superior, for quotes for the 200m of sewer lining to be done on 52 street between 47 avenue and 48 avenue
- Engrave all tools and create a picture inventory

Water and sewer

- With the -30 to -40C temps we were notified of a few water services freezing up during the month. Public Works provided information of contractors and made sure the cc valves were still operational.
- On February 13, 2021 we got a call out from dispatch of a water leak on 50 street. Due to the -30C temperature and contractors not available to start the repair, it was decided to schedule the repair for February 15, 2021. Water loss from the leak was minimal and the plant was making water with our clear well at near full. Digging through 7 feet of frost and then having to chase the leak 30 feet to the south to find the leak took 15 hours. The 2 leaks found were a deteriorated service saddle and a copper repair clamp that covered an old abandoned service. Both were repaired with Robar 16" service saddle and a 16" repair clamp by the end of day on the February 16, 2021. A second leak was detected February 17, 2021, and a dig was started that morning. The cracked pipe that was leaking was repaired with a 24" repair clamp and water restored by 6 pm. We will continue to have these type of repairs at rotted service saddles yearly, until the infrastructure is replaced. A positive is that with our yearly exercise program in place, we are finding problematic water main valves and repairing or replacing them as needed. This in turn is minimizing the size of area needed to be isolated.
- Due to the cold a business had a frozen water meter and the frost plate was replaced. Supply of parts for the meters has been effected by Covid, meaning longer order times.
- Replacement of stock for water breaks was done February 18, 2021
- A 7 day contravention letter was sent into Alberta Environment and Parks for the loss of positive pressure inside the isolation zone during the water break on 51 street.
- We thawed a CC at 4628-53 street and turned on the water to the new home.
- Wanham trucking has installed water and sewer service to their shop in the sub division, Public Works verified all connections and materials as per Village standards.

- Xcel, GWST and our on staff electrician have been working on the High Limit Pump at the water treatment plant to fix the random faults that the 602 pump has been experiencing. New software was installed along with changing set point on the operating hertz of the pump. Wire connections which have failed due to corrosion have been repaired and a preventative maintenance will be performed on both the HLPs and the RAW water pumps.
- March 2, 2021 the CPFR were fighting a fire north of the Village and needed water. Public Works allowed them to pull from our hydrants with their water Tender from 4 pm until the fire was under control at 2 am on March 3, 2021. Our fire pump was turned on to minimize disruption to pressure within the Village and our clear well was monitored.

Streets

- Road safety and drivability has been maintained with sanding, plowing and scarifying where and when needed
- Grader was out 5 times this report period doing snow plowing and scarifying.
- The ice build-up from the water break on 51 street was removed and hauled away by hired contractor and Public Works
- With the high winds and light snow off and on, maintaining drift removal has been ongoing.

Other

- Dolan attended the 2 day Geodesign Summit 2021 February 8 and 9
- Belt replacements were done on the chlorine room HVAC system.
- We have a rental truck covered by insurance to replace the stolen 2x4 Ford
- February 22, 2021 during morning road checks the 2020 Dodge Foreman's truck was struck in the passenger's side by a resident backing out of their driveway. The truck has been taken to the local body shop and the repair estimate is \$11,000+.
- Had water break debriefing with all staff on February 23, 2021
- 2/3 of the tools stolen have been replaced. Hotsy, backpack blower, tool box, cordless tools and a large number of the hand tools.
- Klean – Rite was in on March 1, 2021 to clean and inspect the range hood at the hall, while there the fire alarm went into fault and was repaired on March 2, 2021 by our staff electrician.
- Center pin on the 6-way blade for the hoe had a weld break while plowing the access to the 43m reservoir and lagoons. It was repaired at Dikas on March 5, 2021