



Memorandum

To: Peter Thomas, CAO
From: Dolan Isaac, Public Works Foreman
Date: August 9, 2023
Re: Public Works Department Report for July 5 to August 9, 2023

Projects

- Received email from Insituform (Capital Project Sewer Reline contractor) about 6 deficiencies they found in the sewer lining they completed. One bump in liner at bottom of pipe, three over cut at service cut outs, and two exploratory cuts that were made while finding service lateral. All deficiencies are minimal and pose no concern for integrity of liner.
- The Village has removed the landscaping component from the paving project and has tendered it out to a local contractor for a large savings.
- Preconstruction meeting for the 2023 paving project was held at WSP in Grande Prairie. Start date for paving was set for August 7 and has now been postponed until August 17.
- Assist with the flooring project at the Village Office, remove and reinstall toilets, move furniture, and cut door bottom on men's bathroom to allow full swing.
- Honey Lefley has been stalled on the ball diamond landscaping project due to the wet weather, they have been giving updates and are looking at options for moving forward. (Pump water away from work area)

Water and sewer

- July 5 completed all cleanup in the north entrance park from the rail crossing water break.
- July 10, during the flood event, the Village sewers were at capacity from infiltration and running sump pumps. We also had a power failure at the WTP, which was rectified quickly, and the fire pump was reset. One lift station pump went into fault during the event.
- July 11 pulled the lift station pumps and found the bottom of the well was full of sediment approximate 450mm thick. Vac trucks were used to clean out the well and the pumps were reinstalled.
- 6:08 am on July 12, we had a high-level alarm at the lift station. Both pumps were running but could barely keep up to the flow. Checked again during regular morning checks and found the water level in well had reached the overflow and we were discharging to the Spirit River. We had zero flow out of the well at this time, we changed out Pump 2 for the spare and was able to restore flow to the lagoon. Pump 1 was pulled and found to have heavy wear on the impeller, its pumping capacity was greatly diminished. Pump 2 was set for rebuild to Zylem in Nisku since they are direct distributors of the Flyyt pumps and will have a quicker turn around on rebuild. (new pump \$20,000, rebuild \$4,300)

- EDGE was called for the sewer discharge contravention, samples have been taken of the river, and 7-day contravention letter completed.
- Second year water main isolation valve exercising program is underway, completing the valves in the paving area was completed on August 9.

Streets

- Locates were requested for the replacement of the culvert under 51 street south of the rail crossing. This culvert was replaced on July 19, it was more than half rusted away.
- July 10, heavy rain fell from 7:30 pm till 10:30 pm causing localized flooding on the north end of the Village. Main street and 49 street were under 15 cm of water at the 47 avenue intersections. 48 avenue was almost completely submerged from 53 street to 51 street, the flooding in this area was largely attributed to a culvert under the rail tracks could not allow the heavy flow out of the area fast enough. A rag line was put through the culvert and a 70mm trash pump was used to pump water through to the other side. Within 2 hours the flood levels fell to a safe level. CN have been sent photos of the culvert issue.
- Boulevards were mowed along the parade route July 26.
- Gravel roads in the Village have been graded two times during this report period.
- Asphalt has been removed at the 48 street / 45 avenue intersection in preparation for the culvert replacement, waiting for area to dry enough to proceed.
- Due to budget constraints, the large patch program this year will consist of the repaving of the rail crossing on 51 street and one other large patch on 46 avenue for a cost of \$20,000

Other

- Brogan safety was here on July 7 to do the annual fire extinguisher and AED inspections in all Village owned buildings.
- Kelly Lefley has stated interest in baling the Village owed lots in the sub-division, all above ground Village utilities were trimmed around and marked before hand.
- Five locate requests were completed during this report period.
- The spring on bay 2 door at the Public Works shop had broken and was repaired by Northern doors the next day. Both springs were replaced
- Shop floor grates all removed, and trough cleaned.
- Performance reviews were done for both Tom and Dolan.
- North door at the library was removed and framed in. this door was beyond repair, the jam was rotting away, and the only use of the door was for the book drop, which was moved to the second front door.
- AED child pads were purchased for the Hall.
- July 22, a leak was found in the woman's bathroom at the Hall, the toilet tank was split. This toilet was replaced with new, an LED was replaced over the stage, fourteen LED bulbs were installed in the culture room (replacing burnt out fluorescents), and the new projector bulb was installed.
- Front door at the Village office was repaired, it is dire need to be replaced as parts can not be found any longer and repairs are consistent. Back door was repaired as it was binding during closing.
- Prepped the parade route prior Race the 8's
- Repaired the loose climbing wall at the east side playground.