



Memorandum

To: Peter Thomas, CAO
From: Dolan Isaac, Public Works Foreman
Date: September 9, 2020
Re: Public Works Department Report for July 22 to September 8, 2020

Projects

- Culvert replacement at intersection of 55 street and 47 avenue was done on August 18. The rotten 12" galvanized culvert was removed and an 8" 3/8 wall poly pipe was installed
- The culvert replacement at 46 avenue creek crossing was completed August 21. The collapsed 600mm was replaced with an 800mm culvert, the existing 800mm culvert was inspected for holes and wash out and showed to be in good shape so was not replaced. All culvert ends were trimmed of any damage and painted and the ditch clear on both ends.
- The storm culvert was replaced at the 47 avenue creek crossing and completed on September 2. The culvert bottom was completely rotten away and had collapsed approx. 8 feet from the south end. A 400mm culvert was installed from old new stock on hand. South end was re-grouted inside the storm drain manhole, and the north end of culvert was placed further to the west to allow for better access during steaming and cleaning. Creek cleaned on both ends of culverts
- The 3 - 800mm culverts at 47 avenue crossing were inspected while doing the storm culvert replacement and the water had drained away, the center culvert and the east culvert will both need replacement in the near future. Looking into the cost of a steel liner as an option.
- The demolition of the Merry Pioneers was started on September 9 and expected to be completed by September 11.

Water and sewer

- The 4 water valves were dug and repairs made at the 8 and 18 reservoirs on August 10. All valves were in working condition with no leaks. The bolts on 3 of the four valves were steel and we replaced with stainless steel. 2 rods were replaced and all four bell risers were replaced with poly bell risers due to corrosion of the cast metal. All the steel test plug holes were changed out to brass also.
- Truck fill 3" line was down for 5 days while an electrical circuit could be shipped and installed.
- The Hydrant at 53 street and 47 avenue intersection was dug and replaced as the side of the riser chamber had a hole rusted in it. We had ATCO electric hold the light standard that was 2 meters away while the dig proceeded.
- 2 keyholes digs on CC valves completed the same day as the 4 raw water valve dig

- A water leak was detected at 4504 48 street at a bent CC. DPW dug it and was able to stop the leak by turning off the valve with the rod. The bent CC was acting like a valve handle and when the lot was mowed by resident the CC was moved and turned the water on. The service has only a stub due to no buildings on the lot.
- Truck fill 2" and 3" were checked for proper calibration

Streets

- Large asphalt patches were paved along 47 avenue along with a driveway repair from an old hydrant dig at 5119 46 avenue and the asphalt patch from a water main valve dig that was done in 2019 on 45 avenue. The large patch project encompassed 680m³ for a cost of \$27,000. The public works crew did all the cut and removal for the project and reused the material removed to build up the access road to the lift station.
- The west corner of the sidewalk in front of the Hall and an asphalt ramp was put in to street grade.
- Both ditches flowing north from the intersection of 53 street and 47 avenue were straightened and cleared for better flow
- With Ledcor doing local Highway paving, culvert lining and replacement, and ditch cleaning, Public works has worked with the Project supervisor by cutting around manholes at 2 of the approaches coming off Highway 49 to allow them to be paved. Also, with the completed locates, we did some weed trimming to get more ditch cleaned then the original job scope.
- We changed the Manhole lid at the intersection of 51 street and 46 avenue due to it coming loose

Other

- We repaired leaks on the arena roof
- 14 first call locates have been done during this reporting period
- We had 1 incident of a DWP staff member being second hand exposed to Covid-19, we isolated this staff member with work away from everyone else until test results came back.
- While hauling material away from asphalt patches the transmission in the Dodge 1-ton failed. It was towed to Edge in Spirit River and since the transmission could not be repaired it was replaced with a rebuild.
- On August 4 there was a Call out at 6:30 a.m. by the Fire department to shut off the water to the house on fire at 4628 53 street
- Mowing in the ditches and lots of the Industrial Subdivision was done by the MD133 again this year.
- Mowing complete top of berms on the 8 and 18 water reservoirs
- 7 cast iron bell risers were sent back to Wolseley Water works for credit as we changed our standard to poly bell risers due to lower price and ease of storage and handling
- Dolan has his AWWOA membership renewed.
- We inspected a 2013 Chev quad cab long box 4x4 from the Saddle hills Fleet for the replacement to our stolen Ford 4x4
- Started berm placement in alley behind the apartment building, after finding and painting all above ground Telus lines. Find the alley is graveled so we will be removing the grass over-growth to promote proper drainage