

## PUBLIC WORKS & UTILITIES

### 2019 PAVING PROJECTS



The City of Nelson started improving the overall pavement quality in our community this year.

Historically, the rate of paving has not met the 30-year asphalt lifecycle. The City is now resurfacing the roads to meet the asphalt lifecycle. Due to this extra work, the paving budget has now doubled from 2015 levels bringing it to \$2 million.

Between the capital paving and major patching programs, approximately 4 km of City road was repaved at over 100

locations.

These multi-day projects involved the removal of the existing road surface, some localized base repair, followed by the application of new asphalt.

There were periodic road closures and residents were notified via sandwich boards and local media.

This program will continue in 2020.

The City would like to thank residents for their patience as we continue our paving program.

### SANITARY UTILITY PROJECT AT THE AIRPORT LIFT STATION

One of our Sanitary Utility projects this year was the installation of a grit chamber at the Airport Lift Station on Lakeside Drive.

The original lift station was built in 1971 at the same time as our Sewage Treatment Plant. In 2019, it was time to complete repairs and upgrades to support our community.

This project was undertaken as the main sewer line coming into the lift station needed to be repaired, and the current lift station was unable to accommodate all the sewage flowing in. This created the potential to result in overflows into Kootenay Lake. The construction of the grit chamber provides additional volume for incoming sewage and provides a chamber in which grit can settle and be removed, thereby protecting pumps and other equipment.

Travelling along Lakeside Drive, the construction zone would have appeared as a large excavation site which consumed

much of the roadway and boulevard. The large excavation was needed to accommodate the grit chamber, several large sanitary manholes, and interconnecting large 750mm diameter sanitary sewer pipes.

The large concrete grit chamber is now constructed at the base of the excavation intercepting all of the City sanitary sewer flow.

The City and the contractor, Marwest Industries Ltd., would like to thank the local businesses for their patience and cooperation during this project, especially the Wholesale Club and Home Hardware Building Centre, as they were particularly accommodating.

In photo below: Looking east down Lakeside Drive - visible is the concrete grit chamber, one of the large manholes, and new 750mm diameter sanitary sewer pipe. The grit chamber is below the plywood covers.



Photo above: The grit chamber actually sits below all these risers.



### 610 RAILWAY STREET

In 2019, the City undertook the restoration and rehabilitation of the historic, City-owned Coke & Gas Works building, located at 610 Railway Street, as a key component in the Railtown District portion of the Sustainable Neighbourhood Plan. This preservation project aimed to revitalize the building, which joins the newly restored Canadian Pacific Railway station (1901) in celebrating the area's industrial roots while looking to new community development.

Built in 1900, the Coke & Gas Works building established a section of Nelson's waterfront as the industrial area for the young town. The business of the Coke & Gas Works was to import coal and export refined products, including coke, tar, roofing pitch, creosote, preserving oils, paint

and tarpaper. As such, its location adjacent to the railway for economical transportation, was a given. The gas works part of the name came from its business of supplying the town with coal gas for heating and cooking. However, the arrival of the natural gas pipelines in 1957 spelled the end for the gas works.

Nelson's Sustainable Neighbourhood Action Plan identifies the Coke & Gas Works building as an important anchor in the Railtown District. Together, the Coke & Gas Works building, the CP Rail Station, Cottonwood Market and Park, Rail Yard Plaza, and the Rod and Gun Club provide opportunities to build a vibrant neighbourhood re-defining itself in an age of rapid change.



Coke & Gas Works Building - 610 Railway Street

### AFTER HOURS EMERGENCY SERVICE

For Operations emergency service, please call (250) 352-3103.

To report a power outage, electrical hazard, damage to Nelson Hydro equipment or for outage updates, please call 1-877-32HYDRO (1-877-324-9376).