



Poul Rosen, Senior Manager of Engineering

2018 Priorities

- Water system condition assessment program
- City-wide water system model rebuild and calibration
- Update transportation engineering standards to include complete streets
- Update transportation network model
- Design and construction of the capital works program
- Update project management processes to ensure adherence to best practices

About Engineering

Working in close partnership with Public Works, Engineering oversees the water, sewer, drainage and transportation infrastructure.

Staff regularly undertake condition and capacity assessment on the infrastructure that supports these services. For example, the condition of sanitary sewer and drainage pipes is completed by inspection with video equipment to better understand upcoming renewal needs. This allows the City to be proactive and assemble capital projects to achieve the best value.

Our department upkeep the City's technical models for water, sewer, drainage and transportation, that support decision making in each of those areas.

We determine the long term infrastructure requirements based on population projections, Council policy and bylaws. The required infrastructure is prioritized and an implementation plan prepared. Also, our department prepares long term asset management plans to support overall asset management practices.

Engineering completes capital project work including: project management, engineering design, public consultation and construction oversight. This work is completed through internal staff as well as consultants and contractors, and results in new and upgraded transportation facilities and utility infrastructure.