



Financial Plan Meetings

For the 2019-2023 Draft Financial Plan

February 27, 2019


- Operating Budget Presentations

- Engineering
 - Water Utility
 - Sewer Utility
 - Capital Program
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Operating Budget

Engineering
Water Utility
Sewer Utility

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Department Overview

- Facilities strategic planning and operations
- Transportation planning, design and management
- Underground utilities management
- Project management office
- Engineering development services
- Street infrastructure operation and maintenance
- Water distribution service
- Sanitary sewer and stormwater collection and conveyance service
- Greener garbage program
- Fleet Services





2019 Major Projects - Engineering

- Complete the replacement of the Supervisory Control and Data Acquisition (SCADA) server
- Finalize phase 2 &3 of Development Cost Charges review
- Develop a strategic plan to protect Cordova Bay Rd within Mt. Douglas park.
- Undertake a review of the engineering specifications in the Subdivision Bylaw
- Redevelopment of Fire Station #2



2019 Major Projects - Engineering

- Develop and implement coordinated traffic signals on Shelbourne and Quadra corridors
- Undertake a review of the Sidewalk Inspection Policy
- Complete a business case for the redevelopment of Parks and Public Works Yard operations.

2018-19 Budget Comparison

Non-discretionary increase

- Annual Facilities Maintenance
 - Budgets have not increased to meet rising costs for contracted services
 - Testing and servicing of mechanical equipment, fire alarm systems, elevators, and other building functions.
 - Testing and servicing of this equipment is an industry requirement and can prolong equipment lifespan
- Operational cost of curbside collection refuse trucks continue to rise

Operating increase

- Maintenance of new assets (bus shelters, traffic signals, litter bins, hydrants, bike lanes, etc)

Engineering Comparison

Cost Drivers

Increase for adjustment
to labour costs

Maintenance of new
assets added in 2018

57 Cadillac lease

BUDGET SUMMARY	
2019 Net Budget	\$ 12,741,500
2018 Net Budget	\$ 12,623,300
Net Change	\$ 118,200
Change by %	0.94%
2019 FTE	188.65
2018 FTE	186.29
FTE Change	2.36
FTE Change %	1.27%

Water Utility Comparison

Cost Drivers

Increase for
adjustment to labour
costs

Sustainable capital
funding

CRD bulk water rates

BUDGET SUMMARY	
2019 Utility Charges	\$ 22,439,000
2018 Utility Charges	\$ 21,492,200
Net Change	\$ 946,800
Change by %	4.41%
2019 FTE	50.61
2018 FTE	50.79
FTE Change	-0.18
FTE Change %	-0.35%

Sewer Utility Comparison

Cost Drivers

Increase for adjustment
to labour costs

Sustainable capital
funding

Utility costs

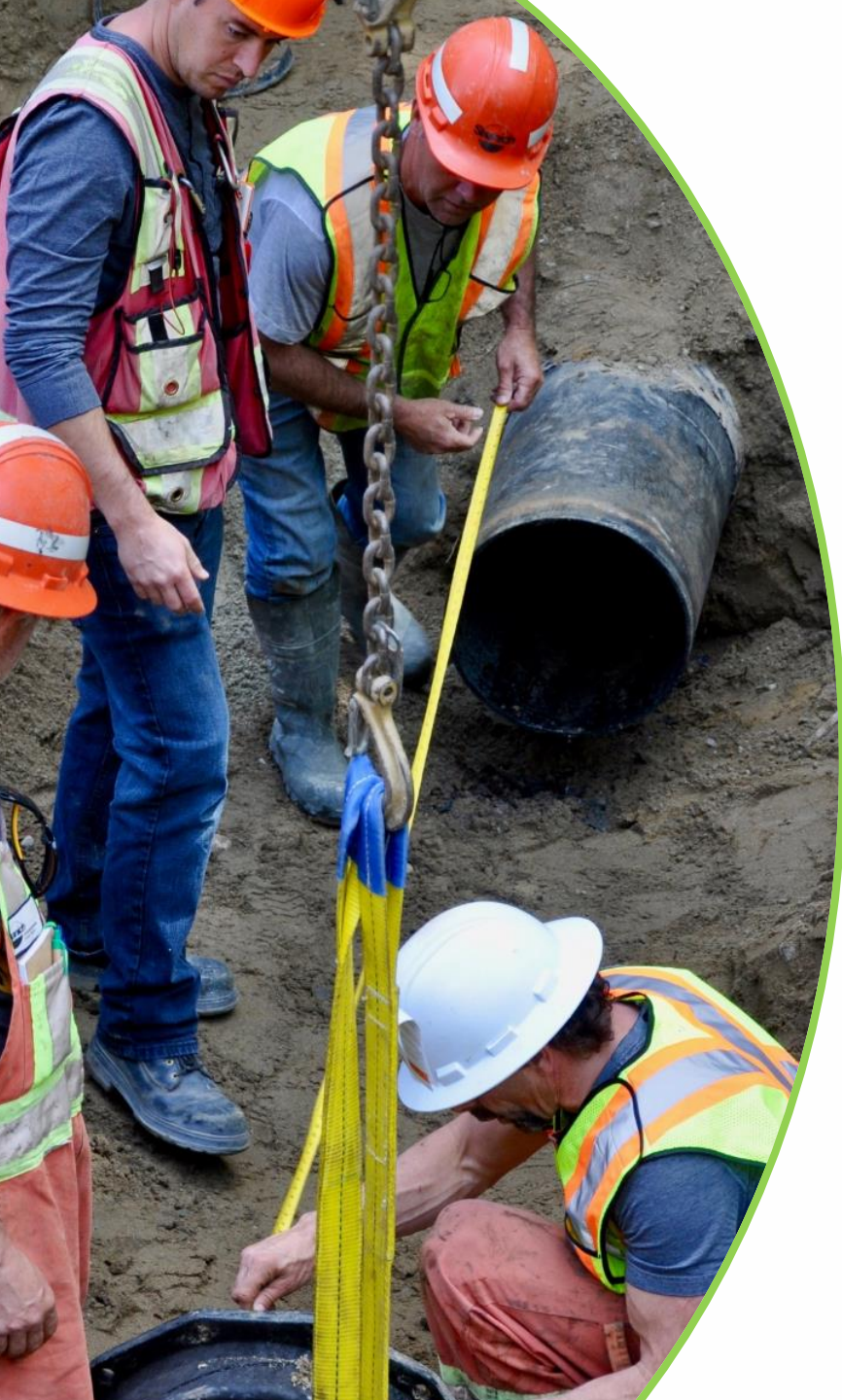
Regional Sewage
Program

BUDGET SUMMARY	
2019 Utility Charges	\$ 23,532,700
2018 Utility Charges	\$ 21,583,400
Net Change	\$ 1,949,300
Change by %	9.03%
2019 FTE	25.52
2018 FTE	25.51
FTE Change	0.01
FTE Change %	0.04%

Challenges - Engineering

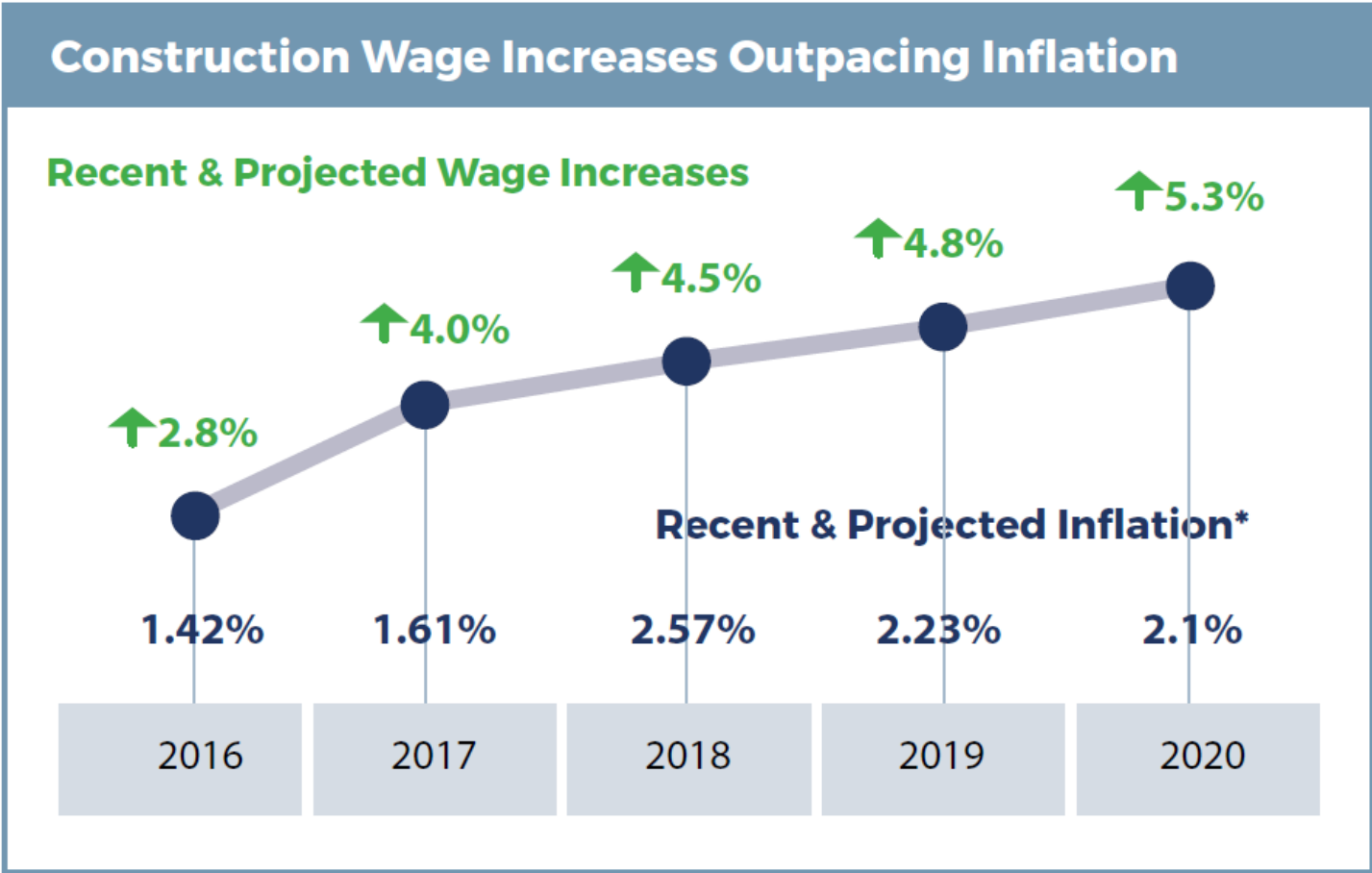
- Public Works Yard in poor condition and is impacting operational efficiencies.
 - Failing Systems
 - security fence in disrepair and gate mechanics malfunctioning
 - major water leaks
 - backup generators aging and slow to power
 - telephone system fragile
 - pavement failures
 - Office trailers in disrepair
 - Adhoc sheltering for specialized equipment
 - Lack of Back-up power for key services (Fleet Centre)
 - Poor circulation and layout





Challenges - Engineering

- Busy construction industry leading to higher prices and delays





Challenges - Engineering


- Continued to be stretched to meet public expectations for street sweeping, graffiti removal, and transportation related concerns.
- Garbage disposal in the region continues to rise. From 2016 to 2017 volumes are up ~15% per capita in the CRD.
- Deficient in professional technical resources resulting in lack of current long term planning information and outdated policy documentation
- Increased volume and complexity of development applications resulting in longer review periods



Opportunities - Engineering

- Increased energy efficiency realized through renewals/replacements
- Planned construction activities allows for value added approach to subsequent works
- Leveraging infrastructure related grant funding
- Enhancing project delivery by adopting consistent best practices
- Standardization of specifications and finishes
- Public Works administrative re-organization to enhance internal and external customer service

Engineering
Water and Sewer Utilities
Discussion and Questions



Capital Program



Agenda

3. Public Input