



Key Challenges

- Call volumes
- Level of service
- Security concerns at Public Works Yard







Transportation

Key Challenges

- Increasing demand for higher service levels
- Increasing transit ridership
- Road rehabilitation asset management
- Signal operations and maintenance
- Traffic medians and boulevard maintenance
- Keeping roads and sidewalks clean
- Rail crossings and cost
- · Growth in infrastructure and workload



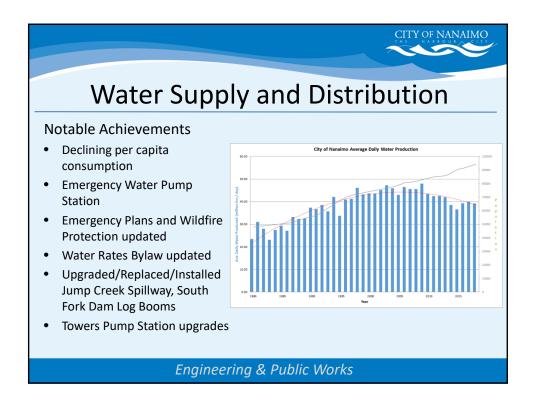


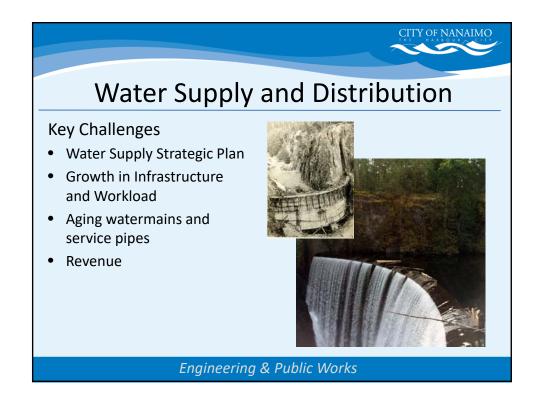
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2020 Key Initiatives

- Active and Sustainable Transportation Masterplan
- Centralized traffic signal management system
- South Nanaimo Mobility Study (Cranberry Connector)
- Rapid Bus Corridor and Frequent Transit Network systems
- Review and update inventory of traffic medians, islands and roundabouts







- Update Water Supply Strategic Plan
- Update Nanaimo River Flood Inundation Plan
- Update to South Fork Seismic review & conceptual design
- Rebuild of City Wide Water Model

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Sanitary Sewer

Notable Achievements

- Cleaning and inspection of up to 125km of sewer pipe.
- Protection Island Odor and Gas Control project

Key Challenges

- Capacity, growth, and condition
- Climate Change





- Sanitary Sewer Catchment Master Plan
- New flow monitoring stations for Cilaire and Northfield catchments
- Update video equipment and software

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Rainwater (Drainage)

Notable Achievements

- Video inspection and condition assessment of 13.5 km of drainage pipe
- 10,257 catchbasins cleaned

Key Challenges

- Infrastructure condition, lifespan, funding
- Climate Change
- Educating residents on their role



- Hazard assessment, adjustments to storm system design
- Funding model
- Continue to work closely with RDN on source control issues and monitoring
- Upgrade CCTV mobile equipment

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Fleet

Notable Achievements

- New CNG garbage truck and spares
- Green Fleet Strategy
- Joined E3 Fleet (Energy, Environment, Excellence) Program.
- commercial vehicle inspections
- 15 vehicle and mobile equipment ordered

Key Challenges

- Technological advancements
- GHG reductions
- Fleet Services facility
- · Climate change
- Sourcing alternative fuel vehicles/equipment solutions
- Vehicle accidents and incidents
- Insurance premiums increase



- E3 (Energy, Environment, Excellence) Green Fleet review
- Corporate Green Fleet strategy
- Explore alternative fuels to reduce costs and GHGs
- Share specifications and procurement solutions with other municipalities

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Solid Waste Management

Notable Achievements

- Over 90% reduction in worker injuries
- Approx. 50% reduction in work orders
- Diversion rate 65% (up 1%)
- Overall landfill down 3%

Key Challenges

- Acquiring new equipment
- Population growth
- Landfill tipping fees
- Illegally dumped waste





- Improve inventory management
- Improve routing efficiencies
- Waste diversion initiatives
- Reduce recycling contamination
- Accelerate Zero Waste initiatives

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Infrastructure Group

Notable Achievements

- Watermain condition pilot program
- · Annual monitoring program
 - Sewer flow
 - Storm drainage flow
 - Rainfall

Key Challenges

Workload





Capital Projects

Notable Achievements

- 54 projects with a value of \$50.6 million
- Capital Project Framework and Capital Projects Policy

Key Challenges

- Workload/staff resources
- Public consultation and communication
- Equipment limitations

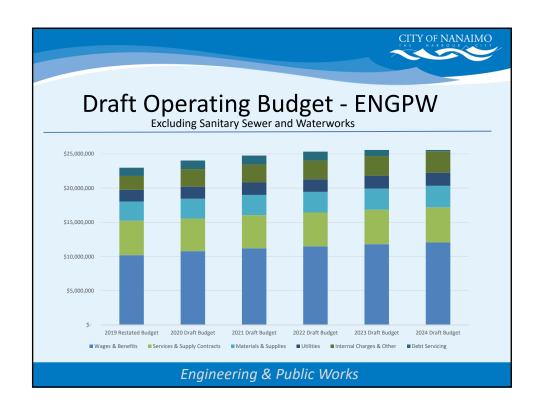


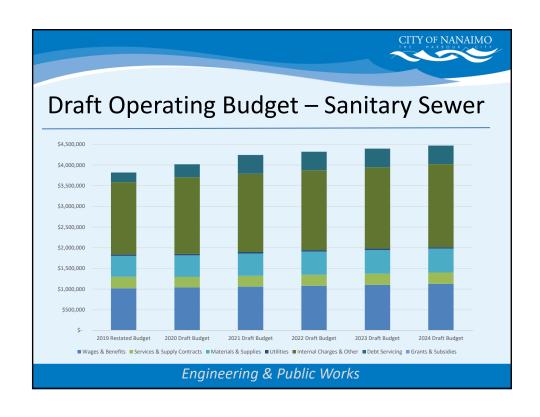
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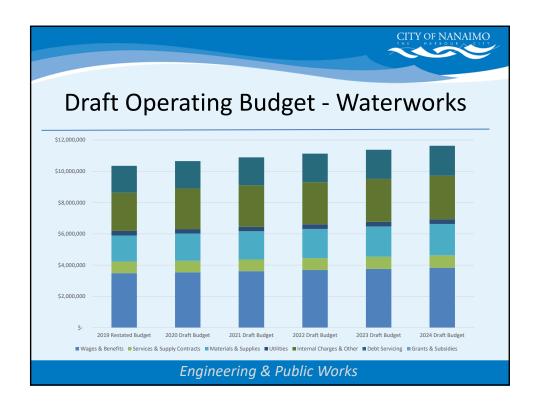


2020 Key Initiatives

- Review and update the City's standard construction contract
- Capital Project Management Framework
- Capital project communications!











Changes Not Included in Draft Budget

- Municipal Services Inspector
 - To keep up with increasing developer and capital projects and to reduce cost of external consultants
- Project Engineer
 - To keep up with increasing level of renewal projects and to reduce cost of external consultants