Staff Report to Council

Engineering & Operations – Engineering Division

FILE: 01-0450-01/25

REPORT DATE:	November 04, 2025	**MEETING DATE:**	November 24, 2025
TO:	Mayor and Council		
FROM:	Ashley Seed, Manager of Engineering & Facilities		
SUBJECT:	**2026 Draft Business Plan - Engineering Division**		

CHIEF ADMINISTRATIVE OFFICER REVIEW/APPROVAL:

RECOMMENDATION(S):

THAT Council:

A. Receive for information the Engineering Division 2026 Draft Business Plan and Staff Report as presented at the November 24, 2025 meeting of Council; OR

B. Other.

PURPOSE

The purpose of this report is to present the 2026 Draft Business Plan for the Engineering Division.

☒ Information Report ☐ Decision Report ☐ Direction Report

DISCUSSION

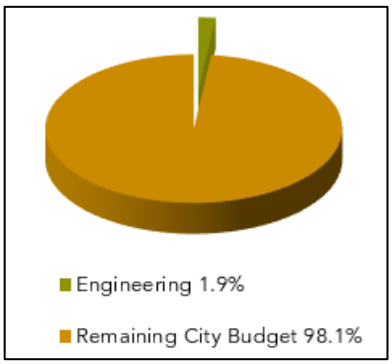
DIVISION OVERVIEW

The Engineering division plans and manages the replacement and/or rehabilitation of essential municipal infrastructure, like roads, bridges, buildings, active transportation network, water mains and sewers. The division also provides municipal services, such as the review and facilitation of soil permits, traffic calming and engineering aspects (storm water management, erosion and sediment control, and traffic) of development permit applications.

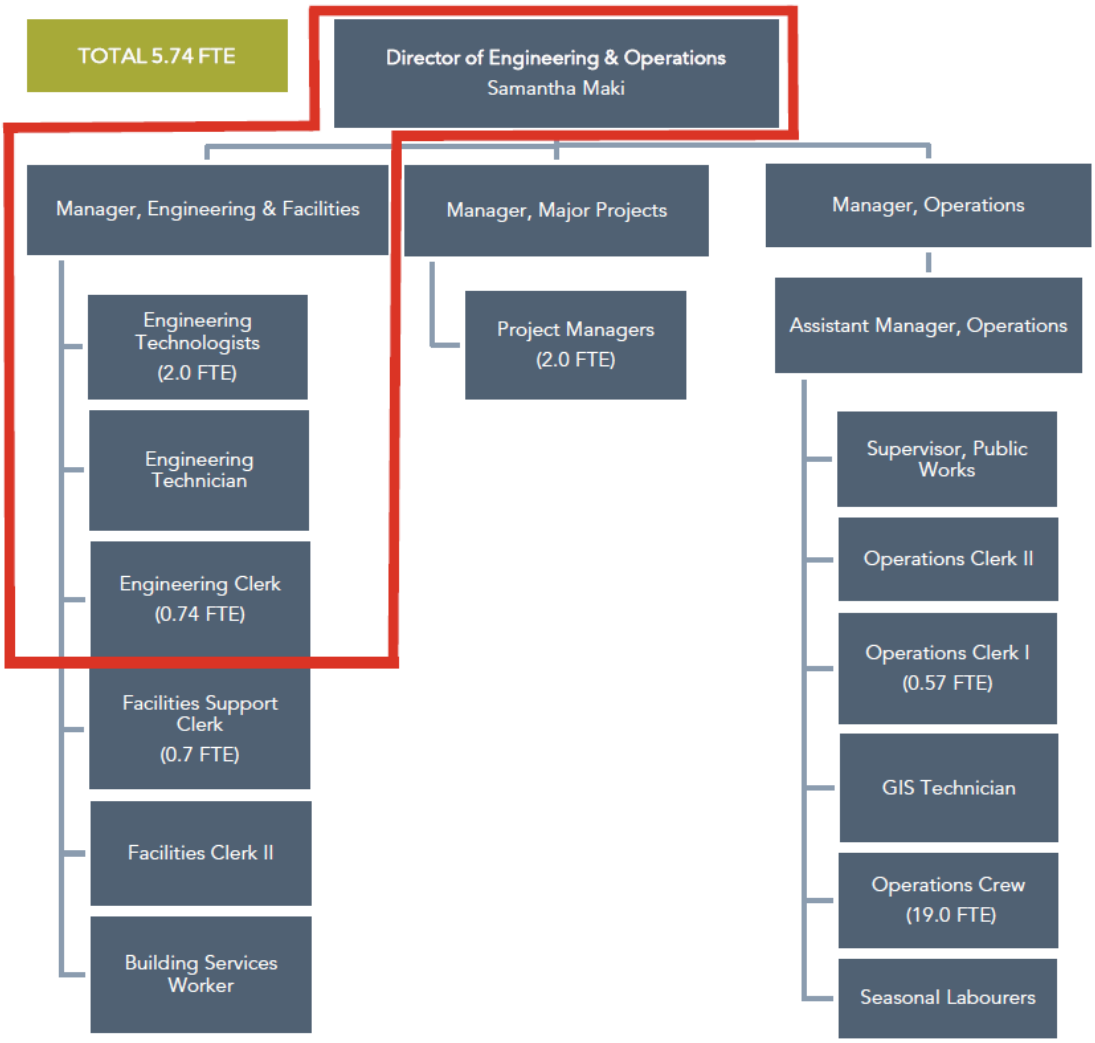
Operating Budget: $696,900

Capital Budget: $5,296,000

% Share of overall City Budget:



Staff Complement



Forecasted Position Adjustments

None.

Deferred Projects

As a result of priorities that emerged throughout the year, the following 2025 business plan initiatives were deferred:

- **FIRE TRAINING GROUNDS – GEOTECH ASSESSMENT.** Awaiting completion of visioning and planning exercise and will revisit once that step is completed.

- **OLD DEWDNEY TRUNK/ 203RD INTERSECTION.** Ongoing coordination with Maple Ridge for review and targeted short-term improvements.

2025 Achievements (Top 3)

- **HARRIS COMPLETE STREET FEASIBILITY STUDY.** Completed the Harris Road Complete Street Feasibility Study, which evaluated design options and phased implementation strategies to enhance safety, accessibility, and multi-modal connectivity through near- and mid-term reconstruction approaches. The study provided cost estimates, aligned with key funding programs, and will guide future capital planning and grant applications. *Infrastructure – Transportation*
- **FRASER WAY SIDEWALK AND PARKING LOT UPGRADES.** Completed the design and construction of parking lot paving and a new sidewalk along Fraser Way east of Harris Road. The project improved accessibility by adding paved, delineated, and designated parking, as well as safe pedestrian access to the Pitt River Regional Greenway. *Infrastructure – Transportation*
- **ACTIVE TRANSPORTATION INITIATIVES.** Advanced several active transportation and road safety projects, including crossing improvements at the south side of the Silver Bridge on Harris Rd with a new Rectangular Rapid Flashing Beacon, and crosswalk upgrades at Ford Rd and 191B St, as well as Ford Rd and 190A St, with construction anticipated by year-end. Funding was secured through TransLink and the Vision Zero program, and a traffic operations and safety review for the Hammond and Harris intersection identified near-term improvement recommendations. *Infrastructure – Transportation*

Key Challenges for 2026

- **AGING INFRASTRUCTURE.** Infrastructure is deteriorating faster than the current rate of replacement and necessary repair, maintenance and replacement of City assets continues to create resource and funding challenges, especially with the unprecedented cost escalations. The City continues to follow the asset management consultant's

recommendations with planned updates to incorporate most recent data including current costs and updated replacement values.

- **PUBLIC CONCERNS AND INQUIRIES.** Customer service is a priority for the City. Supporting the public is a significant function of our work that is not documented in the work plan, but requires considerable allocation of staff time.

Key Initiatives 2026

Strategic Priority	Initiative
Infrastructure – Investments	**2026 CAPITAL WORKS – ROADWORKS.** Design of various paving projects: • Fraser Way Dike (DCCMJT20) - Continued multi-year project of design of raising of the dike, repaving, addition of multi-use path, and extensions of the road to the east. • Harris Rd - 122nd Ave to Hammond Rd, in collaboration with any active transportation improvements; • Old Dewdney Trunk Rd - Rippington Rd to Lougheed Hwy • McNeil Rd - East of 200th St to east of Sheridan Dr; • Hammond Rd - Blakey Rd to Bonson Rd, including recommendations from the Hammond Rd and Blakely Rd Intersection study conducted in 2025 (seeking partial grant funding); • Bonson Rd - Hammond Rd and to Bruce Dr, including pedestrian crossing upgrade at Pitt Meadows Athletic Park (seeking partially grant funding); • Neaves Rd – Vehicle lanes and bike lanes from McNeil Rd to North Alouette bridge, including consultation with Metro Vancouver and their long-term plans. Construction timeline to be determined; • Rannie Rd - Continued road design and confirmation of drainage scope of work with input from q̓icəy (Katzie) First Nation. Grant funding opportunities to be further explored for future construction; and • Targeted short-term improvements of Old Dewdney Trunk Rd/ 203rd St intersection in collaboration with Maple Ridge.
Infrastructure – Investments	**2026 CAPITAL WORKS – WATER.** Various replacements of City's aging asbestos-cement (AC) water mains and localized water service connections, including: • Advent Rd – 188th St to east of 188A St; • 188th St - North of Advent Rd;

Strategic Priority	Initiative
	• 189B St (Ford Rd and 119B Ave), 120B Ave (189B St and 190th St), 190th St (119B Ave and 120B Ave, 119B Ave (188A St and 190th St); • Harris Rd - McNeil Rd, north to dike; and Design of the water mains and service connections on Patrick Rd, Fenton Rd, and Richardson Rd for construction in 2027.
Infrastructure – Active Transportation	**ACTIVE TRANSPORTATION.** Prioritization and implementation of recommendations from the Active Transportation Plan, including: • Baynes/Airport Way Pedestrian bridge (DCC MJT23 and seeking grant funding); • Accessibility letdown improvements along 119th Ave from Harris Rd to Blakely Rd (seeking grant funding); • Pitt Meadows Elementary - review safe routes to school signage, assess crossings on route, and upgrade school zone signage; • Edith McDermott Elementary - review school zone, loading zones and safe routes to school signage and upgrade, as needed; • Design of the following: o Cyclist push buttons at Hammond Rd/Harris Rd and Harris Rd/119 Ave (partially grant funded); o Harris Rd - Ford Rd and Hammond Rd, including intersection improvements at Hammond Rd and Harris Rd, Civic Centre pedestrian crossing improvement and pilot rapid implementation of protected bike lanes from Hammond Rd to Ford Rd (MJT01). Construction timeline dependent on successful grant applications. o Harris Rd- Multi-use path to connect Airport Trail and Parkside Trail and upgraded Crossing at Fieldstone Walk (seeking grant funding); and o Crossing improvements at Airport Trail and Baynes Rd (partially grant funded); • Continued education and awareness campaigns for: o Annual active transportation and road safety; and

Strategic Priority	Initiative
	○ Community safety strategy for e-scooters / e-bikes and associated research and consultation with other cities.
Community Spirit and Wellbeing – Pride and Spirit	**CITY ENTRANCE SIGN NEAR PITT BRIDGE.** Construction of new City Entrance sign near the Pitt River Bridge.
Infrastructure – Investment; Public Safety – Regulatory	**VARIOUS POLICY AND BYLAW REVIEWS.** • Floodplain Designation and Construction Control Bylaw - Review and update the associated elevations in alignment with updated drainage model; and • Subdivision and Development Servicing Bylaw - Complete the review and updated standards throughout.
Principled Governance – Fiscal Stewardship and Accountability; Corporate Pride – Service Excellence	**OPERATIONAL REVIEWS FOR EFFICIENCIES AND PRODUCTIVITY IMPROVEMENTS.** • Review of highway use permits to streamline and align with regional standards; • Review and implementation of streamlined application processes for soil applications in alignment with new Soil Bylaw and website updates; and • Departmental review of engineering development applications, with a refined application process, updated webpage and establishment of guidance documents to aid developers and qualified professionals.

PROPOSED OPERATING BUDGET

	2025 Adopted Budget	2026 Proposed Budget	Proposed Changes for 2026		2027 Proposed Budget	2028 Proposed Budget	2029 Proposed Budget	2030 Proposed Budget
Revenue	$ (17,900)	$ (19,300)	$ (1,400)	-7.8%	$ (20,900)	$ (21,900)	$ (23,400)	$ (24,400)
Expenses								
Engineering	708,000	716,200	8,200	1.2%	748,100	780,500	809,600	837,300
	708,000	716,200	8,200	1.2%	748,100	780,500	809,600	837,300
Net Operating Expenses	**$ 690,100**	**$ 696,900**	**$ 6,800**	**1.0%**	**$ 727,200**	**$ 758,600**	**$ 786,200**	**$ 812,900**
Key Budget Changes for 2026:								
Revenue			(1,400)					
Salary and Benefits			15,100					
Consulting			(6,000)					
Other			(900)					
Change in Net Operating Expenses			**$ 6,800**					

PROPOSED CAPITAL BUDGET

GL Category	Project	2026	2027	2028	2029	2030	Total
DV301 - ENGINEERING							
8300 - TRANSPORTATION CAPITAL							
	060005 - NEAVES ROAD	$ 20,000	$ 875,000	$ -	$ -	$ -	$ 895,000
	080012 - ACTIVE TRANSPORTATION & TRAFFIC CALMING	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 800,000
	120018 - PAVEMENT MANAGEMENT PLAN	$ -	$ -	$ 75,000	$ -	$ -	$ 75,000
	160008 - RANNIE RD REPAVE	$ 357,000	$ -	$ -	$ -	$ 4,751,000	$ 5,108,000
	160012 - NEAVES RD BIKE LANES	$ 12,000	$ 288,000	$ -	$ -	$ 672,000	$ 972,000
	180008 - OLD DEWDNEY TRUNK ROAD - REPAVE	$ 60,000	$ 1,850,000	$ -	$ -	$ -	$ 1,910,000
	180039 - MIDDLETON RD REPAVE	$ -	$ -	$ -	$ 385,000	$ -	$ 385,000
	180041 - PARK RD REPAVE	$ -	$ -	$ -	$ 515,000	$ -	$ 515,000
	180042 - HARRIS RD PAVING	$ 40,000	$ 920,000	$ 930,000	$ -	$ 1,053,000	$ 2,943,000
	180044 - HARRIS RD BETWEEN 2 DEWDNEYS	$ -	$ -	$ 250,000	$ -	$ -	$ 250,000
	190036 - DCC MNT4/MNT5-FRASER WAY PARKING + SIDEWALK	$ 130,000	$ -	$ -	$ -	$ -	$ 130,000
	190038 - DCC MJT23 - AIRPORT WAY AT BAYNES PED BRIDGE	$ 75,000	$ -	$ -	$ -	$ -	$ 75,000
	190039 - DCC MJT20 - FRASER DIKE RD EXT, MUP & DIKE UPGRADE	$ 400,000	$ 2,001,200	$ -	$ -	$ -	$ 2,401,200
	190096 - FORD RD PAVEMENT REHAB	$ -	$ -	$ -	$ 430,000	$ -	$ 430,000
	190098 - SOMMERSET DR (BONSON TO PARK)	$ -	$ -	$ 675,000	$ -	$ -	$ 675,000
	190099 - MCMYN ROAD (191 TO HARRIS)	$ -	$ -	$ -	$ 155,000	$ -	$ 155,000
	190100 - MCNEIL S-CURVE PAVEMENT REHAB	$ 35,000	$ 540,000	$ -	$ -	$ -	$ 575,000
	190102 - DCC MJT6 THRU MJT18 GEBP ROAD IMP.	$ -	$ -	$ 2,931,500	$ -	$ -	$ 2,931,500
	190104 - DCC MNT3 - NEIGHBOURHOOD BIKEWAYS	$ -	$ -	$ -	$ 800,000	$ -	$ 800,000
	190107 - DCC MNT9 - 190A SIDEWALK FORD TO 119B	$ -	$ -	$ -	$ -	$ 210,000	$ 210,000
	200010 - WOOLDRIDGE PAVEMENT REHAB	$ -	$ -	$ -	$ 1,130,000	$ -	$ 1,130,000
	200036 - UPDATED TRANSPORTATION & AT MASTER PLANS	$ -	$ 60,000	$ -	$ 50,000	$ -	$ 110,000
	220001 - REPAVE 124TH, 192A AND PARK RD	$ -	$ -	$ -	$ 145,000	$ -	$ 145,000
	220002 - HAMMOND RD - BLAKELY TO WILDWOOD	$ 28,000	$ 555,000	$ -	$ -	$ -	$ 583,000
	220003 - BONSON RD - HAMMOND TO WILDWOOD	$ 23,000	$ 435,000	$ -	$ -	$ -	$ 458,000
	220004 - BONSON RD - WILDWOOD TO BRUCE DR	$ 22,000	$ 420,000	$ -	$ -	$ -	$ 442,000
	220005 - 193RD ST- 122A TO 119 AVE	$ -	$ -	$ -	$ 215,000	$ -	$ 215,000
	220006 - BONSON RD & FRASER WAY (EAST)	$ -	$ -	$ -	$ 125,000	$ -	$ 125,000
	220007 - FRASER WAY - ROUNDABOUT + WEST	$ -	$ -	$ -	$ 275,000	$ -	$ 275,000
	240006 - KENNEDY RD	$ -	$ -	$ -	$ 485,000	$ -	$ 485,000
	240007 - 118B AVE, 119A ST, 190 ST, 190A ST	$ -	$ -	$ 170,000	$ -	$ -	$ 170,000
	240014 - 122A AVE, 189A ST, 192B ST	$ -	$ -	$ -	$ 136,000	$ -	$ 136,000
	240017 - PARKING STRATEGY	$ -	$ 40,000	$ -	$ -	$ -	$ 40,000
	250023 - DCC MJT01 - ACTIVE TRANSPORTATION CORRIDOR IMPROVEMENTS	$ 350,000	$ 500,000	$ 500,000	$ -	$ 280,000	$ 1,630,000
	250024 - DCC MJT19 - OLD DEWDNEY TRUNK RD - CORRIDOR	$ -	$ -	$ -	$ 350,000	$ -	$ 350,000
	250025 - DCC MNT7 - FORD RD MUP	$ -	$ -	$ 40,000	$ 270,000	$ -	$ 310,000
	990020 - HALE RD CRANBERRY TO DIKE	$ -	$ -	$ -	$ -	$ 790,000	$ 790,000
8300 - TRANSPORTATION CAPITAL Total		**$ 1,712,000**	**$ 8,644,200**	**$ 5,731,500**	**$ 5,626,000**	**$ 7,916,000**	**$ 29,629,700**

GL Category	Project	2026	2027	2028	2029	2030	Total
8410 - WATER CAPITAL							
	190045 - DCC W4 FRASER DIKE RD MAIN EXT	$ -	$ -	$ 762,000	$ -	$ -	$ 762,000
	190108 - AC REP. - 188 AVE (ADVENT NORTH)	$ 840,000	$ -	$ -	$ -	$ -	$ 840,000
	190109 - AC REP. - 191B (122 AVE TO FORD RD)	$ -	$ -	$ 240,000	$ -	$ -	$ 240,000
	190110 - AC REP. - 194A ST (PARK TO CUSICK)	$ -	$ -	$ -	$ 152,000	$ -	$ 152,000
	190111 - AC REP. HARRIS ROAD (MCNEIL TO DIKE)	$ 1,150,000	$ -	$ -	$ -	$ -	$ 1,150,000
	190112 - AC REP. - PATRICK ROAD	$ 31,000	$ 281,000	$ -	$ -	$ -	$ 312,000
	190113 - AC REP. - FENTON ROAD	$ 36,000	$ 625,000	$ -	$ -	$ -	$ 661,000
	190114 - AC REP. - CONNECTING ROAD (WEST OF MCKECHNIE)	$ -	$ -	$ 342,000	$ -	$ -	$ 342,000
	190115 - AC REP. - MCTAVISH ROAD	$ -	$ -	$ 656,000	$ -	$ -	$ 656,000
	190116 - AC REP. - RICHARDSON ROAD	$ 35,000	$ 560,000	$ -	$ -	$ -	$ 595,000
	200017 - AC REP 189B ST,120B AVE, 119B, 190 ST	$ 1,260,000	$ -	$ -	$ -	$ -	$ 1,260,000
	210045 - ADVENT AC REPLACEMENT - 188 TO 188A	$ 232,000	$ -	$ -	$ -	$ -	$ 232,000
	220009 - AC REP. 116B AVE	$ -	$ -	$ 630,000	$ -	$ -	$ 630,000
	220010 - AC REP. HALE RD	$ -	$ -	$ -	$ 1,380,000	$ -	$ 1,380,000
8410 - WATER CAPITAL Total		$ 3,584,000	$ 1,466,000	$ 2,630,000	$ 1,532,000	$ -	$ 9,212,000
8453 - DRAINAGE AREA #3 CAPITAL							
	190085 - DCC D4 - HARRIS STORM	$ -	$ -	$ -	$ 306,400	$ -	$ 306,400
8453 - DRAINAGE AREA #3 CAPITAL Total		$ -	$ -	$ -	$ 306,400	$ -	$ 306,400
DV301 - ENGINEERING Total		$ 5,296,000	$ 10,110,200	$ 8,361,500	$ 7,464,400	$ 7,916,000	$ 39,148,100

DECISION PACKAGE(S)

None.

PUBLIC PARTICIPATION

☒ Inform ☐ Consult ☐ Involve ☐ Collaborate ☐ Empower

KATZIE FIRST NATION CONSIDERATIONS

Referral ☐ Yes ☒ No

The scope of work and potential partnering for grants related to Rannie Rd has been discussed with q̓icəy̓ (Katzie) First Nation. In addition, co-creation of the City Entrance Sign by the Pitt River will be prioritized as well.

SIGN-OFFS

Written by:	**Reviewed by:**
Ashley Seed, Manager of Engineering & Facilities	Samantha Maki, Director of Engineering & Operations

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ATTACHMENT(S):

None.