



Item.....
Meeting..... 2018 Jul 11

COMMITTEE REPORT

TO: CHAIR AND MEMBERS
FINANCIAL MANAGEMENT COMMITTEE

DATE: 2018 June 19

FROM: DIRECTOR ENGINEERING

FILE: 9110-20

SUBJECT: INFORMATIONAL REPORT - METRO VANCOUVER AND CITY
WORKS AGREEMENTS

PURPOSE: To provide information on City works, cost sharing, property negotiations, and rights of way agreements with Metro Vancouver for upcoming construction projects.

RECOMMENDATION:

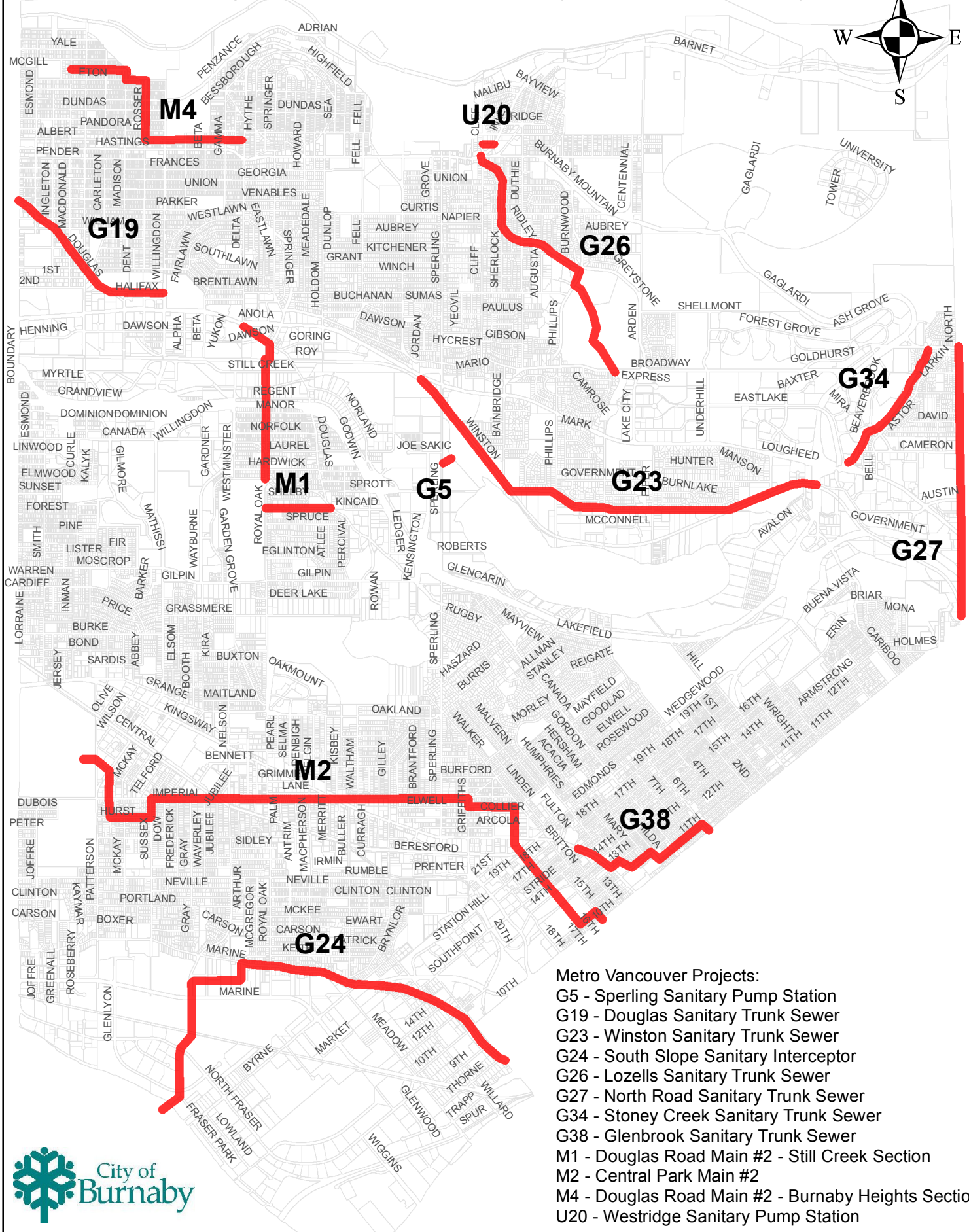
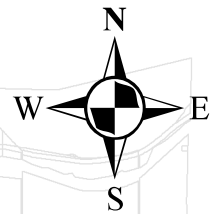
1. **THAT** the Financial Management Committee recommend Council receive this report for information.

REPORT

As part of Metro Vancouver's long range plan to provide appropriate regional infrastructure in support of on-going growth across member municipalities, Metro Vancouver staff have informed the City of their plans to construct water and sanitary infrastructure projects across Burnaby over the next 5 years. **Figure 1** shows the location of these anticipated regional projects:

- G5 - Sperling Sanitary Pump Station
- G19 - Douglas Sanitary Trunk Sewer
- G23 - Winston Sanitary Trunk Sewer
- G24 - South Slope Sanitary Interceptor
- G26 - Lozells Sanitary Trunk Sewer
- G27 - North Road Sanitary Trunk Sewer
- G34 - Stoney Creek Sanitary Trunk Sewer
- G38 - Glenbrook Sanitary Trunk Sewer
- M1 - Douglas Road Main #2 - Still Creek Section
- M2 - Central Park Main #2
- M4 - Douglas Road Main #2 - Burnaby Heights Section
- U20 - Westridge Sanitary Pump Station

Figure 1: Metro Vancouver Projects Across Burnaby



Metro Vancouver Projects:

- G5 - Sperling Sanitary Pump Station
- G19 - Douglas Sanitary Trunk Sewer
- G23 - Winston Sanitary Trunk Sewer
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There are regional projects being planned for construction to start in late 2018 and 2019 in which the City has identified an opportunity to replace or rehabilitate aging City assets as well as construct new City assets alongside Metro Vancouver infrastructure, which include:

- A new regional water transmission line within the Still Creek Area (Project M1, anticipated to start in 2019).
- A new regional water transmission line within the Burnaby/Vancouver Heights Area (Project M4, anticipated to start in Fall of 2018).
- A new regional water transmission line within the Kingsway pressure zone (Project M2, anticipated to start in 2019).
- Upgrades to the regional Westridge sanitary pump station and a new forcemain (Project U20, G26, anticipated to start in 2019).

The City works will consist of utility upgrades (sanitary, water, and drainage), new fibre optic ducts, curbs and gutters, sidewalks, and road rehabilitation. As a fully integrated effort, the City will enter into discussions with Metro Vancouver to coordinate City works, cost sharing agreements, property negotiations, and rights of way agreements.

Coordination with Metro Vancouver on this work will provide the City with an opportunity to optimize construction costs, expedite timing of constructing infrastructure, and minimize disruption to residents, businesses, and traffic.

With respect to Project M1 – Still Creek Area, Metro Vancouver plans to install their watermain via deep micro-tunneling under Elk Creek, between Still Creek Avenue and Still Creek, in order to eliminate any environmental disturbance to this watercourse. **Figure 2** shows Metro Vancouver’s proposed watermain in relation to Elk Creek. Metro Vancouver has submitted and received approval from the City’s Environmental Review Committee (ERC) on 2017 December 11 that this is an acceptable construction methodology.



Figure 2 – Location of proposed Metro Vancouver watermain under Elk Creek

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Funding for the City works are included in the 2018 – 2022 Financial Plan.

As required, right-of-way agreements and works agreements will be submitted for Council consideration as designs are completed.

RECOMMENDATION

It is recommended the Financial Management Committee recommend Council receive this report for information.



Leon A. Gons, P.Eng., MBA
DIRECTOR ENGINEERING

MP/ac

Copied to: City Manager
Director Finance
Director Parks, Recreation and Cultural Services
Deputy Director, Engineering
Deputy Director, Planning and Building
City Solicitor
Property Valuator Negotiator 2 (Alborz Namazi)