



To: Public Works and Transportation Committee

Date: February 25, 2014

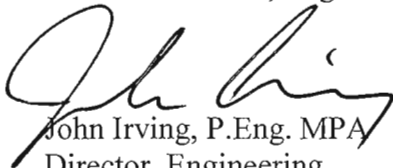
From: John Irving, P.Eng. MPA
Director, Engineering

File: 10-6060-03-01/2014-
Vol 01




Re: Metro Vancouver Gilbert Trunk Sewer No. 2 Update

Staff Recommendation

That the Metro Vancouver Gilbert Trunk Sewer No. 2 Update report (dated February 25, 2014, from the Director, Engineering) be received for information.


John Irving, P.Eng. MPA
Director, Engineering
(604-276-4140)

Att. 3

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Communications Transportation	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: 	APPROVED BY CAO 

Staff Report

Origin

In the spring of 2013, Metro Vancouver started construction of the Gilbert Trunk Sewer No. 2 (GTS 2) project. This project is scheduled to be completed in five years and will twin the existing Gilbert Trunk Sewer (GTS). The GTS is critical infrastructure that conveys 80% of Richmond's sanitary sewage to the Lulu Island Waste Water Treatment Plant. The GTS 2 project will improve sanitary system capacity to support growth in Richmond and will provide system redundancy to facilitate future maintenance activities. This report updates Council on progress to date as well as upcoming construction activities.

Findings of Fact

The GTS 2 project is divided into four phases (Attachment 1) that will be constructed over the next five years. Phase 1 construction began in the spring of 2013 and Phase 2 is currently being designed.

Phase 1 Status

Phase 1 construction is divided into three sections to meet various scheduling requirements of impacted stakeholders. The three sections are identified in Attachment 2.

Section 1 is currently under construction and is scheduled for completion in June 2014. Work is currently advancing north on No. 3 Road from Capstan Way, and will ultimately terminate at Metro Vancouver's Bridgeport pump station through the route shown in Attachment 2.

Section 2 is confined to the Canadian Pacific Railway corridor and is scheduled for construction from March 2014 to October 2014.

Section 3 was completed in the summer of 2013.

Public Communication

Metro Vancouver developed a Consultation and Community Relations Strategy and a Communications Protocol for the GTS 2 project. The strategy outlines Metro Vancouver's approach for engaging stakeholders impacted by construction activities, project team roles and responsibilities, and key contacts for project inquiries.

To date, Metro Vancouver has carried out the following public communications:

- Created a project webpage with a blog section to post current news and information;
- Posted project information signage, including "Businesses are Open During Construction" signs for Section 1 construction;

- Published GTS 2 construction updates in the Richmond News, Richmond Review and (in Chinese) Ming Pao;
- Conducted follow-up visits with the stakeholders impacted by construction activities in Section 1;
- Issued a project fact sheet (including Chinese translation) and five newsletter updates (most recent newsletter is Attachment 3) to stakeholders impacted by construction activities;
- Issued regular traffic advisories; and
- Emailed the project team regular (weekly) updates on communications and community relations.

In addition to the Metro Vancouver communications activities, the City of Richmond has:

- Created a webpage on the City's website for the GTS 2 (<http://www.richmond.ca/services/rdws/projects/gilbert-trunk.htm>) that includes a link to Metro Vancouver's project webpage;
- Complemented Metro Vancouver's communications through:
 - City of Richmond Twitter account;
 - City of Richmond Facebook page; and
 - City of Richmond employee intranet.

City staff is working with Metro Vancouver to ensure the communications materials and strategies developed for the GTS 2 project are appropriate for Richmond, and to improve the level of public communication where gaps have been identified.

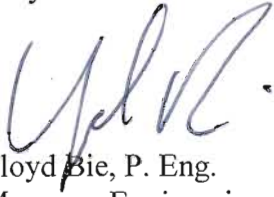
Financial Impact

None.

Conclusion

The GTS 2 project is required to improve capacity and provide redundancy for the existing GTS, which is critical sanitary sewer infrastructure serving 80% of Richmond. Construction on the first of four phases is under way and the overall project is scheduled to take five years. City staff is assisting Metro Vancouver with their Consultation and Community Relations Strategy, which continues to provide the public with information regarding construction activities through the internet, print media, newsletters, traffic advisories, project signage, and personal visits with

stakeholders. City staff will also continue to work with Metro Vancouver and the contractor on a daily basis to ensure impacts to property owners and other stakeholders are minimized.



Lloyd Bie, P. Eng.
Manager, Engineering Planning
(604-276-4075)

LB:lb

Attachment 1: Gilbert Trunk Sewer No. 2 Alignment

Attachment 2: Phase 1 Map

Attachment 3: Notice of Construction



Gilbert Road Trunk Sewer No. 2

Phase 1



Notice of Construction

We're working in your neighbourhood to improve sewer system service

Sewer installation on No. 3 Road

January 31, 2014

Gilbert Road Trunk Sewer No. 2

This notice contains important information that may affect you. Please ask someone to translate it for you.

Ce document contient des renseignements importants qui pourraient vous concerner. Veuillez demander à quelqu'un de vous le traduire.

此通告刊載有可能影響閣下的重要資料。請找人為你翻譯。

ਇਸ ਨੋਟਿਸ ਵਿਚ ਮਹੱਤਵਪੂਰਨ ਜਾਣਕਾਰੀ ਹੈ ਜੋ ਕਿ ਤੁਹਾਡੇ ਲਈ ਜ਼ਰੂਰੀ ਹੋ ਸਕਦੀ ਹੈ। ਕਿਰਪਾ ਕਰਕੇ ਕਿਸੇ ਨੂੰ ਇਸ ਦਾ ਉਲੱਥਾ ਕਰਨ ਲਈ ਆਖੋ।

Thông báo này có tin tức quan trọng có thể ảnh hưởng đến quý vị. Xin nhờ người phiên dịch hộ.

Este aviso contiene información importante que puede afectarle personalmente. Pídale a alguien que se lo traduzca.

Project Overview

Metro Vancouver, working in cooperation with the City of Richmond, is upgrading the Gilbert Road Trunk Sewer, a major trunk sewer which runs from the Bridgeport Pump Station at Bridgeport Road and Garden City Road to Metro Vancouver's Lulu Island Wastewater Treatment Plant (LIWWTP). This project is being carried out over several years, starting with construction in your neighbourhood.

Work began on November 18, 2013 at Capstan Way and will progress north along No. 3 Road to Sea Island Way and east along Sea Island Way to Garden City Road. This will be followed by construction along the railway right-of-way, which is anticipated to start in March 2014 and be completed by October 2014 (see map).

For other information on this project, please visit Metro Vancouver's website (www.metrovancouver.org) and search "Gilbert Road".

Sewer pipe installation on No. 3 Road

Crews recently began installing sewer pipe along No. 3 Road from Capstan Way to Sea Island Way. This work is expected to be complete by the end of March 2014.

Traffic impacts

During this construction period, at least one lane in each direction (both northbound and southbound) will remain open on No. 3 Road at all times.

Businesses on Capstan Way and No. 3 Road are currently open, however access may be restricted due to lane closures.

Work on Capstan Way

There are currently no turns onto Capstan Way permitted from No. 3 Road. As of February 2, 2014, we expect lanes on Capstan Way to be restored, thereby allowing southbound traffic on No. 3 Road to turn right onto Capstan Way westbound. Please note that left turns off No. 3 Road onto Capstan Way will still be prohibited for northbound traffic.

During construction, businesses on Capstan Way can be accessed via Cambie Road and River Road.

Detour signage will be in place and motorists and cyclists are asked to pay close attention to all signage, and to follow the direction of traffic control personnel.

...continued from previous.

Hours of Work and Noise

Work generally occurs from Monday to Saturday, during the hours of 7 a.m. to 7 p.m.; however in order to expedite the schedule and reduce traffic impacts, crews will work 24 hours a day, up to 6 days a week, beginning on February 3, 2014.

Metro Vancouver will provide information regarding hours of work on Sea Island Way and Garden City Road as it becomes available.

All work will comply with the City of Richmond's noise bylaws or granted bylaw variances.

Site Activities

Activities associated with this project will include:

- Utility re-locations
- Trench excavation and shoring
- Pipe storage
- Pipe installation
- Pumping, to keep trench dry
- Backfilling
- Traffic control
- Increased noise from equipment

Community Liaison Officer

A Community Liaison Officer (CLO) has been assigned to this project whose duties include communicating with the public regarding safety. The CLO's contact information can be found below. In addition, Metro Vancouver has a full-time site inspector on the project whose duties include monitoring construction and public safety.

Public Involvement

Metro Vancouver provides more information regarding construction of this new sewer as details become available. Ongoing schedule and information updates are provided to affected residents and businesses through fact sheets, project update newsletters, email, on-site signage and Metro Vancouver's website.



CONTACT US

Community Liaison Officer: 604-436-6986
(Monday to Friday from 8 a.m. to 4:30 p.m.)

Metro Vancouver Information Centre: 604-432-6200
(Monday to Friday from 8 a.m. to 4:30 p.m.)

After-Hours Emergency: 604-451-6610

Email: icentre@metrovancover.org
(Please include "Gilbert Road Trunk Sewer" in the subject line of your email)

