

148 STREET WATER MAIN – WHALLEY SECTION

To help ensure the continued delivery of clean, safe drinking water for the region’s growing population.

JUNE 2020

Project Overview

Metro Vancouver is building a new water main in the City of Surrey to continue delivering clean, safe drinking water to growing communities south of the Fraser River. The 148 Street Water Main is being constructed in two sections: the Port Mann Section and the Whalley Section.

The Whalley Section is now under construction in sections along 148 Street, from 105 Avenue to 95A Avenue. Work began in summer 2019, and will continue in spring 2020 until the end of summer 2020.

Construction also includes two underground valve chambers along the water main alignment. Work related to these valve chambers will continue through spring and summer 2020. Valve chambers house pipe connections, valves and other equipment used to manage water flow. They also make it easier for crews to conduct maintenance and repair work when required, without disrupting water service in the area. See the map for exact locations of the valve chambers and the water main alignment.

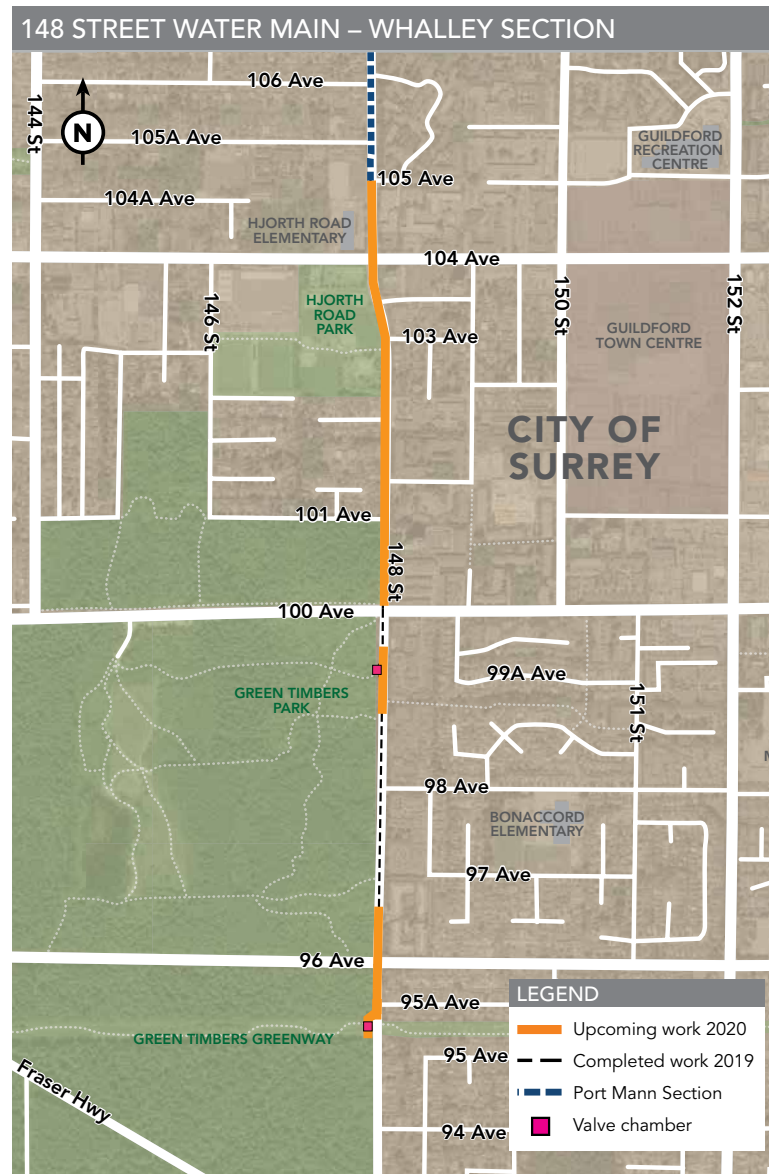
Tie-in work for the new water main will be completed by spring 2021. Tie-in work connects the new water main to the existing water main distribution system.

Keeping Traffic Moving Safely and Efficiently

Road closures will be in effect during construction in areas along 148 Street through spring and summer 2020. Metro Vancouver is working with residents, businesses and community organizations to minimize interruptions to driveway access during construction. Advanced notice will be provided to the community if interruptions to driveway access are expected.

Metro Vancouver will actively work with the contractor to monitor and manage traffic in the project area throughout construction. To keep traffic moving, the contractor will:

- Work with traffic experts to plan detour routes for motorists, pedestrians and cyclists
- Coordinate road, lane and driveway closures as needed
- Employ traffic control personnel during working hours
- Post construction zone speed limits where required



Work Hours and Noise

All work will comply with City of Surrey noise bylaw hours (Monday to Saturday between 7:00 AM and 10:00 PM) or granted bylaw variances. Crews will attempt, wherever practical, to reduce noise.

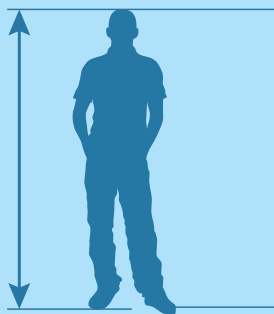
Community Liaison

Metro Vancouver is committed to working closely with the community and the City of Surrey to ensure concerns and interests are considered as the project continues. Local residents and businesses will receive ongoing notification through newsletters, web updates, email and on site signage. A Community Liaison has been assigned to this project who will be available to answer questions and listen to concerns throughout the project.

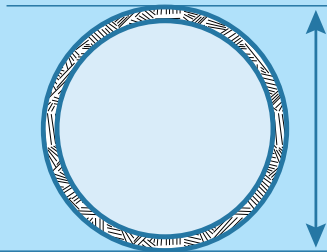
HOW BIG IS THE WATER MAIN?

There are all different sizes of water mains in our region's distribution system, but the water main being installed for this project is approximately 1.5 metres in diameter.

Person Height
1.8 m
(approximately 6')



New Water Main
1.5 m
(approximately 5')



Project Construction Schedule

Section	Construction
Valve Chambers	Spring/Summer 2020
95A Avenue to 104 Avenue	Spring/Summer 2020
104 Avenue to 105 Avenue	Summer 2020*

* Work in this area of the alignment will occur when Hjorth Road Elementary School is closed for the summer

Environmental Protection

To ensure construction activities do not impact the environment, the contractor and crews must:



Use newer, low-emission vehicles and generators



Water or sweep the road to control dust



Monitor the discharge of groundwater from trench excavation



Crews installing a new water main pipe into a trench

Project Updates

Metro Vancouver will provide advance notification of upcoming construction activities.

For additional information on this project, or to sign up for project updates, please visit www.metrovancouver.org and search: "148 Street Water Main - Whalley Section."

Contact Metro Vancouver

Community Liaison: 604-432-6200
(Monday to Friday from 8 AM to 4:30 PM)

After Hours Emergency: 604-451-6610

Email: icentre@metrovancouver.org
(Please include "148 Street Water Main - Whalley Section" in the subject line)



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