

River Road Storm Trunk Sewer and Road Improvements



Welcome to our Open House

Purpose of Open House

To present the Issued for Tender design for the storm trunk sewer and the optional road improvements, and inform the public of the construction schedule

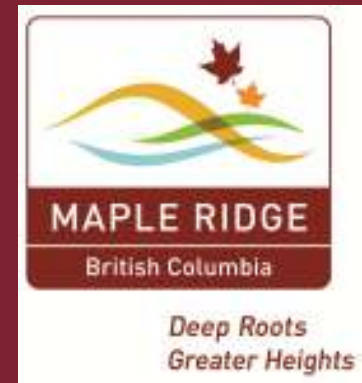
Project Location

River Road from Darby Street to Carshill Street

Project Objectives

- To provide property owners with the opportunities to discharge storm water into a storm sewer instead of having uncontrolled runoff
- To reduce storm water ground infiltration and improve the drainage of the Fraser River Escarpment
- To improve road and driveway drainage, eliminate water ponding and winter ice forming
- To improve safety for pedestrians, cyclists and motorists

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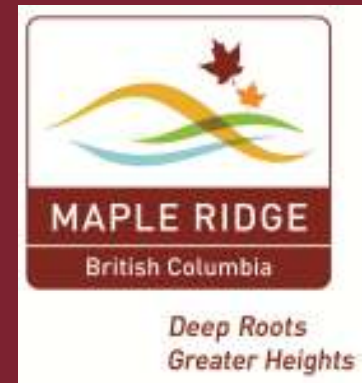
Project Scope

- Construct new storm sewer and catch basins on River Road
- Provide storm service connections to property line
- Replace existing sanitary sewer from 216 Street to Carshill Street
- Option to reconstruct roadway subject to ability of funding
- Construct new storm sewer outfall along ravine to CP Rail culvert

History of River Road (Phased Construction)

- 1997 – Road reconstruction and drainage improvements from 207 Street to Laity Street
- 2000 – Road reconstruction and drainage improvements from Laity Street to 216 Street: designed and tendered. Tenders exceeded budget and the tender was collapsed
- 2001 – Project contemplated for 2000 was re-scoped to between Laity Street and Darby Street. Storm drainage constructed as Phase 2; road works constructed as Phase 3
- 2007 – A grant application for \$5.6M was submitted to the Province for drainage and road improvements between Darby Street and Carshill Street. The grant application was not successful

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Cont: History of River Road (Phased Construction)

- April 23, 2007 – Council proposed cost sharing with the property owners: 2/3 contribution from government and Local Area Service (LAS) for the rest. The LAS did not proceed due to a negative response
- 2008 – Council approved 2008 Capital Works program to construct the storm sewer on River Road
- October 2, 2008 – Open House held to present and get feedback on the design options for the storm trunk sewer and the associated road improvements

Project Challenges

- Optimal location for outfall to Fraser River is along a ravine and the construction on the steep slope will be challenging
- There are significant geotechnical challenges
- There are a number of existing utilities in the corridor
- Designers tried to minimize impacts to properties
- The utility poles require relocation
- Additional funding may be required

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Works within Private Property

- Property owners fronting River Road will be required to connect to the new storm sewer
- Roof leaders, lawn drains, and the perimeter drains are to be connected into the new storm sewer at property owner's expense. Qualified contractors and plumbing permits will be required to do the work
- Some properties may not be able to be drained by gravity and would require to install a sump pump

Next Steps

- Tender closing on July 13, 2010
- Construction anticipated in Summer/Fall 2010, subject to funding
- Project for bike lanes and sidewalk on River Road to be scheduled in the 5 year Capital Program