City of Richmond

Memorandum

Planning and Development Department
Transportation

To: Public Works and Transportation Committee

From: Victor Wei, P. Eng.
Director, Transportation

Re: South Fraser Perimeter Road

Date: October 17, 2012

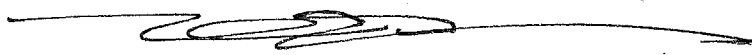**File:** 01-0150-20-THIG1/2012-Vol 01

In light of the upcoming opening of the new Port Mann Bridge Improvement project in December 2012 and the planned Deltaport Expansion, this memorandum briefly describes the South Fraser Perimeter Road (SFPR) project and its connections to these two facilities as well as other key links.

The SFPR project is one of three components that comprise the Province's Gateway Program; the other two being Port Mann Bridge-Highway 1 Improvements and the North Fraser Perimeter Road. The SFPR project is a new four-lane, 40 km long, 80 km/h route along the south side of the Fraser River extending from Deltaport Way in southwest Delta to the Golden Ears Bridge connector road in Surrey/Langley (see **Attachment 1**). It is intended to provide a continuous and efficient route to serve the port facilities, rail yards and industrial areas along this economic corridor, as well as benefit commuters. Key interchanges and connections include:
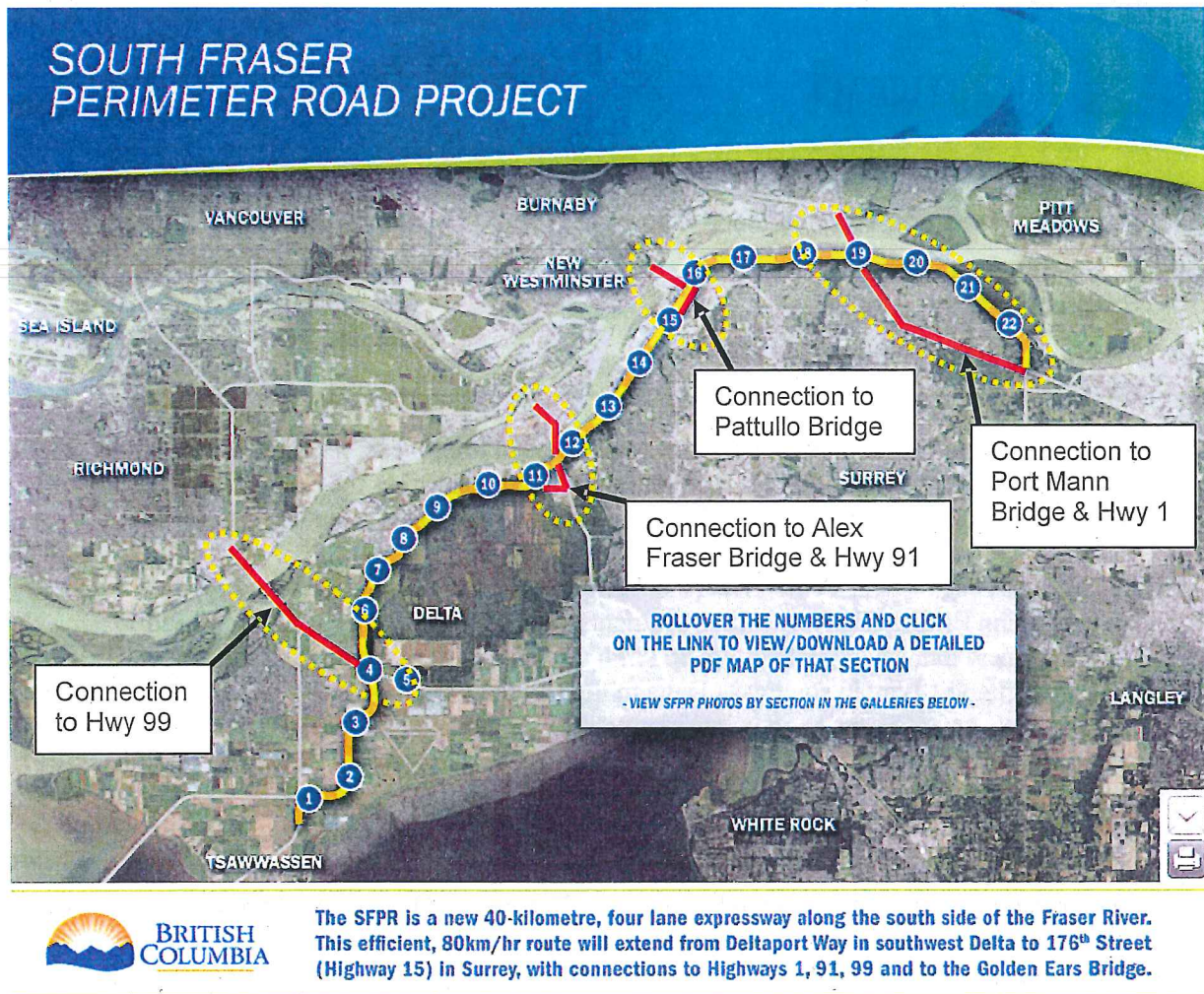
- direct connection to Deltaport Way/Highway 17 interchange;
- direct connection to Highway 99 interchange near 72nd Street in Delta (**Attachment 2**);
- indirect connection to Highway 91 via the Sunbury intersection (**Attachment 3**);
- indirect connection to Pattullo Bridge via Tannery Road and Scott Road/120th Street (**Attachment 4**); and
- indirect connection to Port Mann Bridge/Highway 1 via 176th Street/Highway 15 interchange (**Attachment 5**).

The SFPR project is anticipated to be open to traffic in two phases: (1) 176th S to 136th St in Surrey in December 2012; and (2) 136th St in Surrey to Deltaport Way in Delta in December 2013.

Given the numerous connections along the corridor and the downgrading of Highway 17 through Ladner, a potential benefit to Richmond of this new regional roadway is the potential diversion of non-local, ferry and commuter traffic to other major river crossings aside from the George Massey Tunnel. A full report on the Deltaport truck traffic, along with further discussions on the expected impacts of the SFPR, is scheduled to be presented to the Public Works & Transportation Committee in December 2012. In the interim, please contact me if you have any questions.

Victor Wei, P. Eng.
Director, Transportation
VW:dc
Att.   5
pc: SMT

Richmond

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SOUTH FRASER PERIMETER ROAD PROJECT

Connection to Pattullo Bridge

Connection to Port Mann Bridge & Hwy 1

Connection to Alex Fraser Bridge & Hwy 91

ROLLOVER THE NUMBERS AND CLICK ON THE LINK TO VIEW/DOWNLOAD A DETAILED PDF MAP OF THAT SECTION

- VIEW SFPR PHOTOS BY SECTION IN THE GALLERIES BELOW -

Connection to Hwy 99

BRITISH COLUMBIA

The SFPR is a new 40-kilometre, four lane expressway along the south side of the Fraser River. This efficient, 80km/hr route will extend from Deltaport Way in southwest Delta to 176th Street (Highway 15) in Surrey, with connections to Highways 1, 91, 99 and to the Golden Ears Bridge.
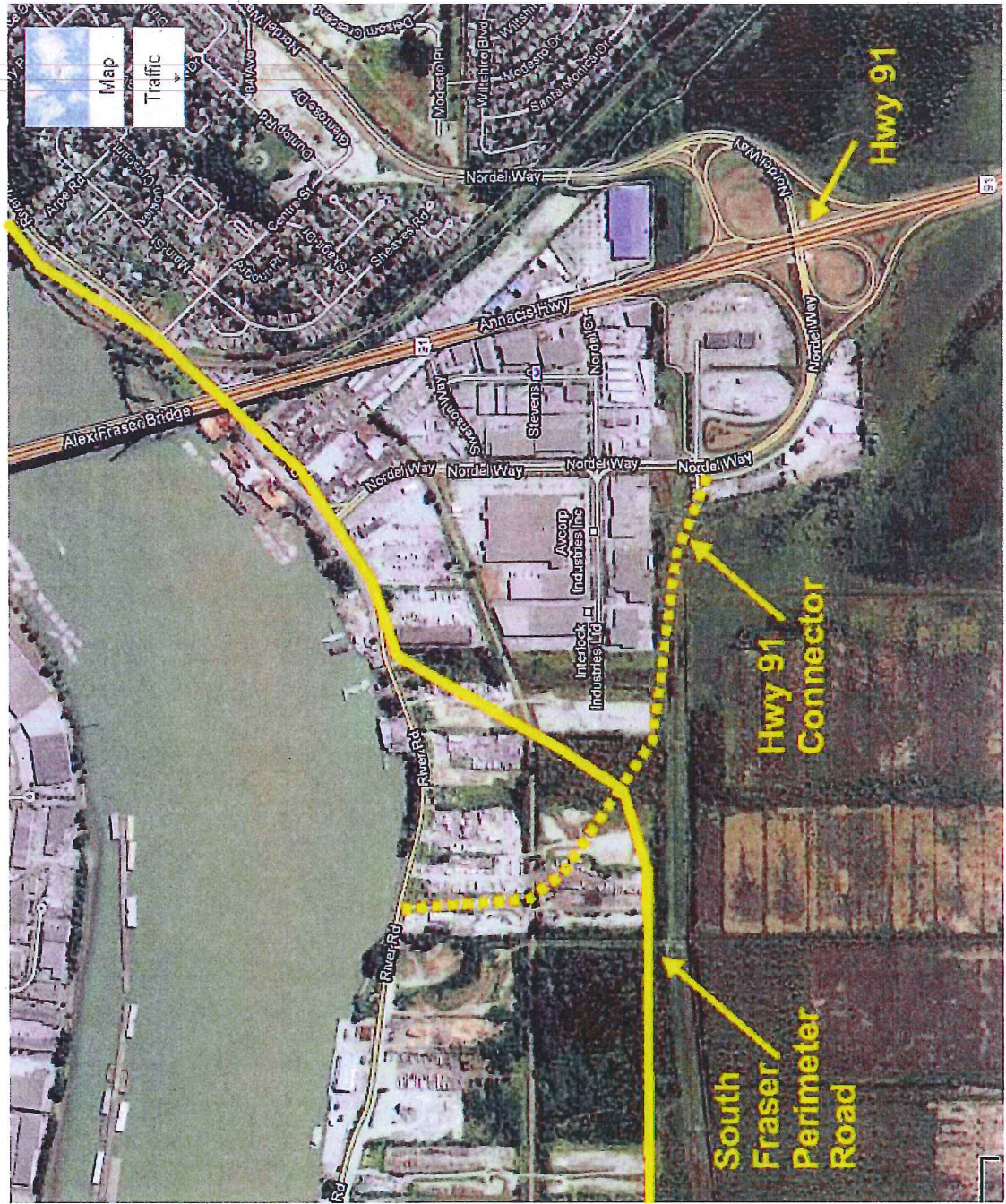
Key Connections:

- Highway 99 Connection (Section 4 on key map): located just north of Ladner Trunk Road near 72nd Street, it connects ferry and Tsawwassen traffic with Highway 99 and the George Massey Tunnel.

- Highway 91 Connection (Section 11 on key map): via the Sunbury Intersection located west of Highway 91. From the west, travellers on the SFPR would turn right onto the Highway 91 Connector to access the Alex Fraser Bridge/Highway 91. Travellers coming off of the Alex Fraser Bridge would follow the off-ramp onto the Highway 91 Connector to connect to the SFPR westbound or eastbound.

- Pattullo Bridge Connection (Sections 15 and 16 on key map): from the west via the Tanner Road Interchange from where travellers would turn onto Tannery Road, turn left onto Scott Road and continue to the existing connection to the bridge. From the Pattullo Bridge, travellers could use either Scott Road or 124th Street to connect to the SFPR.

- Port Mann Bridge/Highway 1 Connection (Section 22 on key map): connects indirectly via the 176th Street/Highway 15 interchange. There is no direct connection at the bridge possibly due to the grade differential and potential environmental impacts.
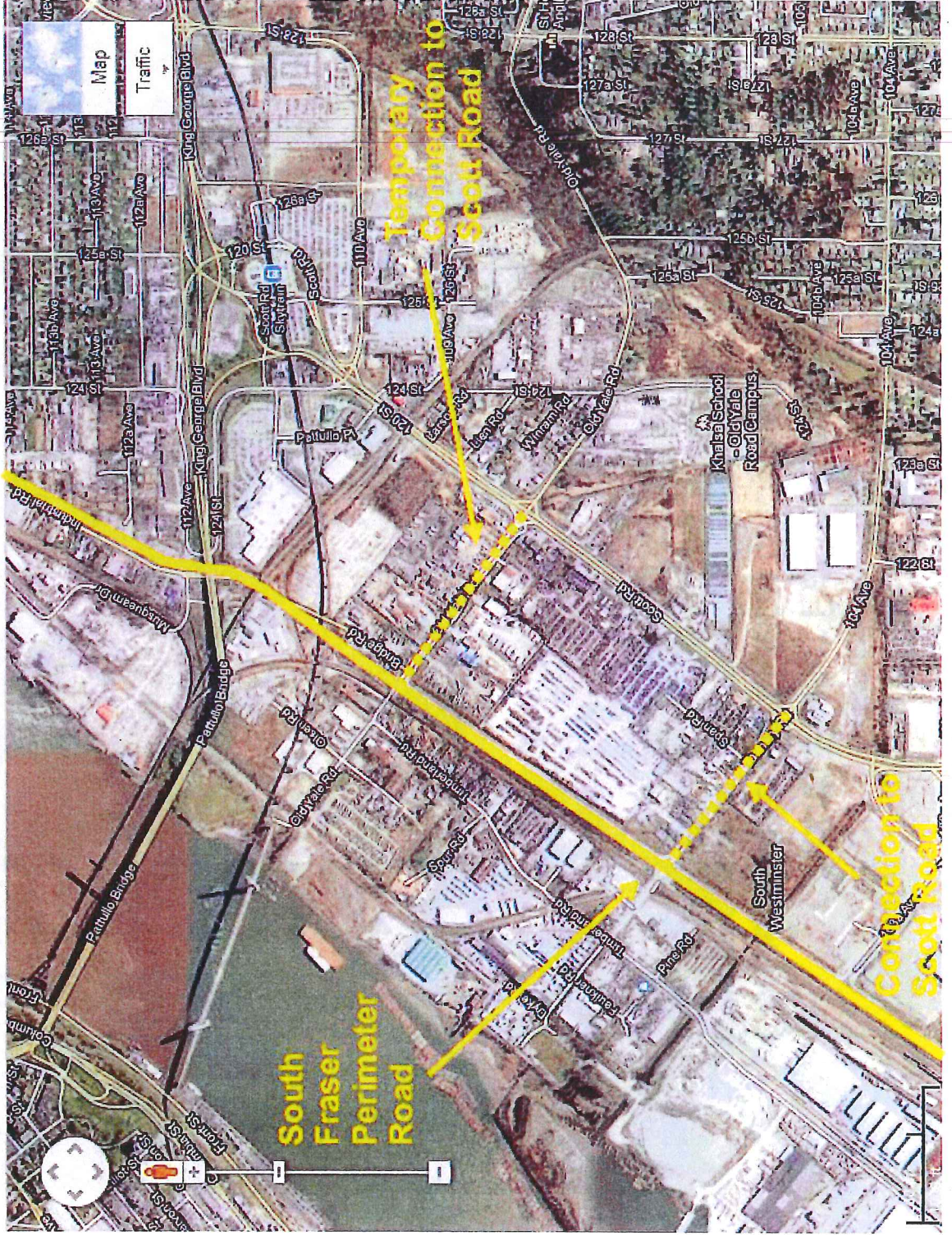
South Fraser Perimeter Road:
Connection to Highway 99
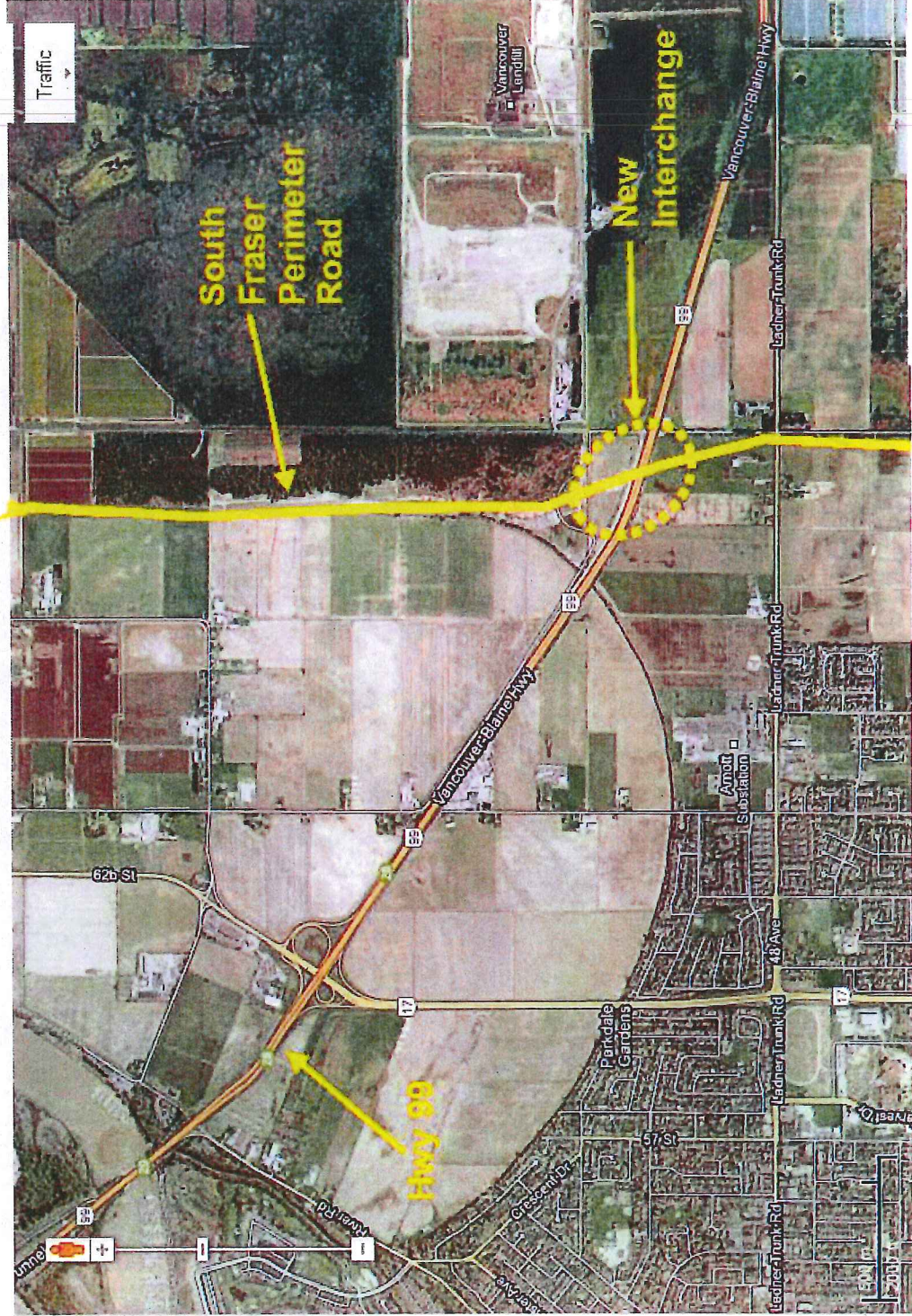
South Fraser Perimeter Road:
Connection to Highway 91

South Fraser Perimeter Road:
Connection to Pattullo Bridge

South Fraser Perimeter Road:
Connection to Port Mann Bridge and Highway 1