



Canada's Pacific Gateway

LOOKING AHEAD

2010

ECONOMIC IMPACT OF THE WINTER OLYMPIC GAMES



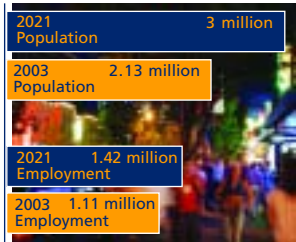
2010

PORT EXPANSION TO HANDLE ASIA PACIFIC CONTAINER TRADE



2021

POPULATION AND EMPLOYMENT GROWTH



2027

AIR PASSENGER VOLUME GROWTH



Greater Vancouver, the nation's third largest urban centre, is Canada's trade and tourism gateway to the Asia Pacific economies. It is renowned as one of Canada's most liveable places and is home to over half of British Columbia's workforce. The region will grow to more than three million people by 2021 because of its geographic position, economic potential and its desirability as a place to live, work and visit.

THE EMERGING GLOBAL ECONOMY - ASIA PACIFIC TRADE WITH NORTH AMERICA

The same forces that are driving rapid expansion of international trade are changing the shape of the region's economy. Greater Vancouver feels these forces more acutely than other Canadian cities since it is both a major urban economy and one of the largest transportation complexes for the movements of international goods and passengers on the West Coast of North America. 100 million tonnes of cargo, 15 million air passengers and 1 million cruise ship passengers moved through the region in 2001. Steady growth of the Asia Pacific economies is increasing demands for Western Canadian resource exports, two way container trade and air travel through the region.

TRAFFIC CONGESTION IS THE NUMBER ONE LOCAL ISSUE

Population growth and expansion of international trade and travel are increasing pressure on the region's road, transit, marine and rail networks - slowing the movement of people and impeding trade. Traffic is increasing: There are more cars, buses and trucks on the roads, more trains on the railways. The cost of congestion for the region's economy is estimated at \$1.3 billion annually; \$500 million for trucking alone. Projections show that by 2021:

Truck traffic up 56%

Rail car volumes up 62%

CONTINUED COMMITMENT TO INFRASTRUCTURE INVESTMENT

The waterways and mountains that make Greater Vancouver so attractive for residents and tourists require huge investments in bridges and tunnels. Yet the right investments must be made for the region and for Canada's longer term international competitiveness. No single organization or level of government has the financial resources necessary to meet the increasing transportation demands of population and trade growth in Greater Vancouver.

The region has demonstrated its commitment with the acceptance of higher property taxes, transit fares and a new parking tax. The Province has provided funding support for two rapid transit projects and has allocated 11.5 cents provincial fuel tax to the GVTA. The federal government has committed \$450 million toward the Canada Line. However, to complete the funding package, longterm, stable funding in the form of a portion of federal fuel tax is needed.

\$10.95 BILLION FOR TRANSPORTATION IMPROVEMENTS IS NEEDED

The province, Greater Vancouver Transportation Authority (GVTA) and the membership of the Greater Vancouver Gateway Council are agreed on the need for a comprehensive program of investments in transit, marine and rail infrastructure. These would balance the needs of Greater Vancouver, as a liveable region, with its responsibilities as the primary international Gateway for Canada's Pacific trade.



BUILDING FOR FUTURE GROWTH - COMPETING FOR THE BENEFITS



INVESTING IN PUBLIC TRANSIT SUPPORTS FEDERAL AGENDA FOR CITIES

Public transit investment - two new rapid transit lines, the Canada Line and Coquitlam Line, 400 more buses, 228 new zero-emission trolleybuses, expansion of U-Pass to 100,000 students

TRADE AND TRANSPORTATION ARE AT THE HEART OF THE NEW URBAN ECONOMY

Employment in Greater Vancouver is growing by 21,000 jobs per year, mainly in service jobs, one in five of these new jobs is in trade and transportation. Last year, \$81 billion worth of goods and 22 million tourists passed through our ports and airports, along our highways and railways and across our bridges and borders generating employment for 134,000 people. Greater Vancouver gateway transportation has become one of the largest economic clusters in Western Canada.

WORKING TOWARD AN INTEGRATED TRANSPORTATION SOLUTION

But Greater Vancouver competes with US West Coast cities like Seattle, Tacoma, San Francisco and Los Angeles for gateway business and the jobs it generates. Massive US Federal investments in transportation infrastructure challenges Greater Vancouver's competitive position.

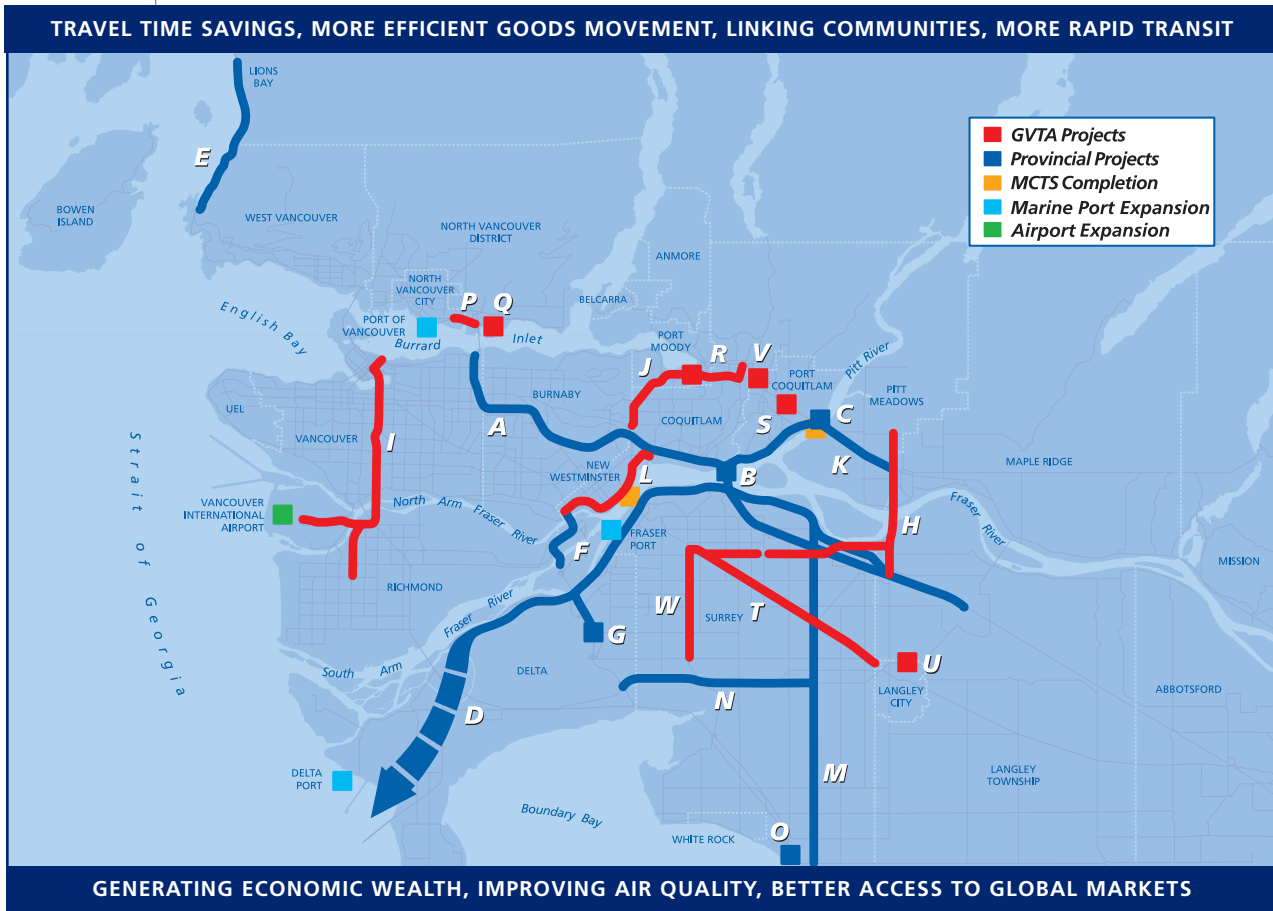
In response, the province, the region and gateway industries have identified a comprehensive program of investments in transit, road, marine and rail infrastructure. Taken together these programs will help alleviate congestion and provide travel time savings.

The provincial Fraser Gateway Program is an integrated road network that will significantly improve the movement of goods and people through the Fraser Corridor. GVTA's 10 Year Capital Expansion Plan builds an integrated transit, road and bridge network. The gateway industry's Major Commercial Transportation System (MCTS) provides a continuous network of roads, rail-lines and water routes linking seaports, airport, rail yards, major industrial parks and business areas to continental trade corridors. Beyond the current expansion, improvements to the George Massey Tunnel and Oak Street Bridge will be required to complete the MCTS.

CREATING JOBS - DRIVING THE ECONOMY

Economic activity in the region from these projects is estimated at \$24 billion in direct and indirect benefits over 10 years.

Stabilizing and reducing travel times will increase economic activity, and raise the efficiency and competitiveness of the gateway transportation system. A total of 11,100 new jobs will be generated in Greater Vancouver and Western Canada from more competitive transportation of international goods and passengers alone.



PROJECT	INVESTMENT	IMPACT
A Highway 1 – Vancouver to Langley	\$1.4 billion	Improved import/export movement and tourism access, reduced congestion
B Port Mann Bridge	(combined)	
C Pitt River Bridge (Highway and Rail)	\$150 million (Hwy) \$250 million (Rail)	Improved goods movement, reduced congestion
D South Fraser Perimeter Road	\$800 million	Improved local and import/export goods movement, reduced congestion
E Highway 99 Sea-to-Sky	\$600 million	Improved goods movement, safety and tourism access
F Highway 91/91A	\$48 million	Improved goods movement, reduced congestion
G Highway 91 and 72 Ave	\$12 million	Improved goods movement, reduced congestion
H Golden Ears Bridge (new Fraser River crossing)	\$805 million	Reduced congestion, improved local goods movement, improved tourism access
I Canada Line Rapid Transit	\$1.56 billion	Increased transit capacity and air/cruise passenger access, reduced traffic
J Coquitlam Line Rapid Transit	\$800 million	Increased transit capacity, reduced traffic
K North Fraser Perimeter Road	\$85 million	Improved goods movement, reduced congestion
L New Westminster Rail Bridge replacement	\$110 million	Improved import/export movement, reduced rail congestion
M Highway 15 – Highway 1 to U.S. Border	\$80 million	Improved import/export movement, reduced congestion
N Highway 10 – Highway 91 to Highway 1	\$70 million	Improved import/export movement, reduced congestion
O Access to Pacific Border Crossing – Highway 99	\$23 million	Improved import/export movement and tourism access, reduced congestion
Rail / Road Interface Projects – grade separation, double tracking, sidings	\$74 million	Improved import/export movement and safety
P Low Level Route	\$20 million	More capacity, improved safety and goods movement
Q Dollarton Bridge Twinning	\$8 million	More capacity, improved safety and goods movement
R Murray-Clarke Connector	\$15 million	New access, more capacity
S Coast Meridian Interchange	\$60 million	Improved import/export movement and intermodal connections
T Fraser Highway Widening	\$45 million	More capacity, improved goods movement
U 204 Street Overpass	\$18 million	Improved access, more capacity
V David Avenue Extension	\$15 million	Improved access, more capacity
W Bus Fleet Expansion and Replacement	\$1.4 billion	New and increased transit access and capacity
Vancouver International Airport	\$1.1 billion	Improved efficiency and increased capacity
Greater Vancouver Marine Trading Ports	\$1.4 billion	Increased capacity

TOTAL GATEWAY INVESTMENT REQUIRED \$10.95 BILLION

2 NEW RAPID TRANSIT LINES

CANADA LINE 100,000 riders per day

COQUITLAM LINE 25,000 riders per day



The entire system time savings is estimated at 40 million hours.



KEEPING GREATER VANCOUVER AND OUR ECONOMY MOVING

Efficient transportation systems provide ready access to global markets, link communities together and generate economic wealth. Greater Vancouver is facing a transportation infrastructure deficit estimated at \$10.95 billion that must be addressed. Congestion and gridlock will stifle growth and harm Canada's trade competitiveness if nothing is done soon.

The province, the GVTA and our gateway industries cannot do it alone. Citizens in Greater Vancouver are looking to the Government of Canada to help build the transportation infrastructure that will support the future growth of this region.

WE ALL BENEFIT FROM TRANSPORTATION INFRASTRUCTURE INVESTMENT

BENEFITS	COMPETITIVENESS	CLUSTER GROWTH	CONSTRUCTION	SAFETY	LIVEABILITY
To our citizens	Better, faster transportation Better access, faster and more reliable transportation	3,900 – 8,600 more direct gateway jobs Current employment 75,000 direct jobs	50,200 direct person years of employment	Faster routes for emergency vehicles Less heavy vehicles on city streets – more on commercial routes	Less congestion, less air pollution Less time spent on the road Better transit and more options
To our economy	40 million less hours on the road for goods, services and passengers \$470 million per year cost savings in time and fuel	Gateway expands: Marine up 39% Rail up 60% Trucking up 50% Air travel up 100%	\$5 billion increase in economic output	Separation of rail and road traffic at high volume intersections on busy routes	Transportation is vital to quality of life and is a deciding factor in where new economy industries choose to locate
To British Columbia and Canada	Faster, more reliable connections to global markets for Canada's exporters and importers	\$24 billion total economic impact 7,400 – 16,300 more jobs \$1.6 – 3.5 billion more business sales \$475 – 1,055 million increase in GDP	Construction jobs contribute to strong provincial and national economies	New and updated road infrastructure and rapid transit, contributes to public safety	Better access and mobility for workers, reduced congestion and improved air quality Transportation investment supports the vision of vibrant, successful sustainable communities

FACTS AND FIGURES

- Greater Vancouver transit ridership increased by 11.7% between 2002 and 2003.
- Approximately 50% of B.C.'s economic activity is directly related to transportation.
- 15 million travelers passed through Vancouver International Airport in 2003.
- The Port of Vancouver is Canada's busiest, adding \$1.6 billion to the GDP in 2003.
- 1 million trucks use the Pacific Border Crossing each year, double since 1991.
- Gateway ports have 9% of the West Coast market share for containers - target by 2020 is 15% to 17% market share.
- Congestion in the Lower Mainland costs the economy \$1.3 billion each year.
- The Port Mann Bridge is currently at capacity 12 to 14 hours per day.
- The gateway ports move exports from B.C. and Prairie provinces to markets around the world.



This document has been a collaboration of The Province of British Columbia, Greater Vancouver Transportation Authority and the Greater Vancouver Gateway Council.

For further information contact:

THE PROVINCE OF BRITISH COLUMBIA is responsible for provincial transportation initiatives including the Fraser Gateway Program.
250-387-3198

GREATER VANCOUVER TRANSPORTATION AUTHORITY is responsible for planning and funding the major road network and public transit.
604-453-4500

THE GREATER VANCOUVER GATEWAY COUNCIL consists of industry and government leaders who have identified the Major Commercial Transportation System.
604-682-5330