

George Massey Crossing Project

Evaluation Framework for Shortlist of Options

Updated 12 June 2019

Goal	Objectives:	Directional Indicator/Trajectory
Goal 1: Support sustainability of Fraser River Communities	Improve safety for all modes of travel	Improvement over base at this location. As good or better than improvement seen at other upgraded crossings. Improved response time for first responders.
	Improve access to designated development centres in the Regional Growth Strategy, Official Community Plans and First Nations Land Use Plans (including for residential, commercial, education and employment).	Reduce travel times between key origins and destinations as compared with current. Improve reliability of travel between same ODs.
	Manage congestion on the corridor	Improve Level of Service on the corridor.
	Respect the cultural values of communities	Maintain cultural values Improve quality of life in adjacent Fraser River communities
	Enhance connections between communities	Improve connection across the South Arm for all modes of travel
	Maintain agricultural productivity	Improve movement of farm goods, produce and equipment across the river and across Hwy 99 in Richmond and Delta. Increase in land use productivity.
	Avoid impacts to agricultural land	Minimum no net loss. Opportunities for improved drainage and/or irrigation.

George Massey Crossing Project Evaluation Framework for Shortlist of Options

Updated 12 June 2019

Goal	Objectives:	Directional Indicator/Trajectory
Goal 1 - continued	Move forward quickly	Meet government deadline for business case by Fall 2020. Ability to complete by 2026
	Adopt a shared decision-making approach with the Task Force and participating First Nations	Consensus-based decisions if possible, for all key decisions
Goal 2: Facilitate increased share of sustainable modes of transport	Enhance transit service convenience and facilitate future expansion	improve competitiveness of transit/shared vehicle trip times as compared to vehicles. Reduce the number of transfers on conventional transit (to key destinations). Protect right of way for dedicated transit lanes and future transit stops.
	Provide safe, convenient and comfortable options for pedestrians and cyclists	Construct high quality facilities. Opportunities for transit exchange/park&rides. Improve access to designated off-corridor bike routes.
	Encourage higher occupancy modes of travel	Increase transit mode share. Increase HOV mode share.
	Ensure potential for future rail rapid transit	Ease of future lane dedication conversion for rail

George Massey Crossing Project

Evaluation Framework for Shortlist of Options

Updated 12 June 2019

Goal	Objectives:	Directional Indicator/Trajectory
Goal 3: Enhance regional goods movement and commerce	Improve travel reliability for business and regional goods movements	No increase in total delay at the new crossing in normal operating conditions (i.e. no accidents). Ability to accommodate dangerous goods and over-size vehicles
	Support the B.C. tourism industry	No increase in total delay during peak hours, between Oak Street Bridge and BC Ferries Tsawwassen Terminal and between Oak Street Bridge and the Highway 99 US Border.
	Protect the Fraser River for fishing and transportation	Maintain current navigation capabilities. Minimize disruption during construction. Ensure current fishing practices can be maintained (e.g. gill netting)
	Support industrial land productivity	Improve movement of goods across the river. Reduced travel time and delay. No net loss of industrial land for the project.
	Reduce congestion-related delays for priority goods and services trips	Reduce travel times between key origins and destinations as compared with current. Provide option for emergency vehicle access to the crossing at all times.
Goal 4: Support a healthy environment	Avoid loss of habitat for fish, wildlife, birds and marine mammals	No net loss. Facilitate opportunities for new habitat (to be determined during Phase 2).
	Improve habitat quality and protect water quality	Facilitate opportunities for improved habitat connectivity. Facilitate other improved quality opportunities (to be determined during Phase 2).

George Massey Crossing Project Evaluation Framework for Shortlist of Options

Updated 12 June 2019

Goal	Objectives:	Directional Indicator/Trajectory
Goal 4 (continued)	Enhance land- and marine-based recreation	Facilitate opportunities (to be determined during Phase 2). Minimize noise and light pollution
	Reduce greenhouse gas emissions and other air contaminants	Reduce total congestion delay times. Achieve modal shift to sustainable modes. Increase average vehicle occupancy.