



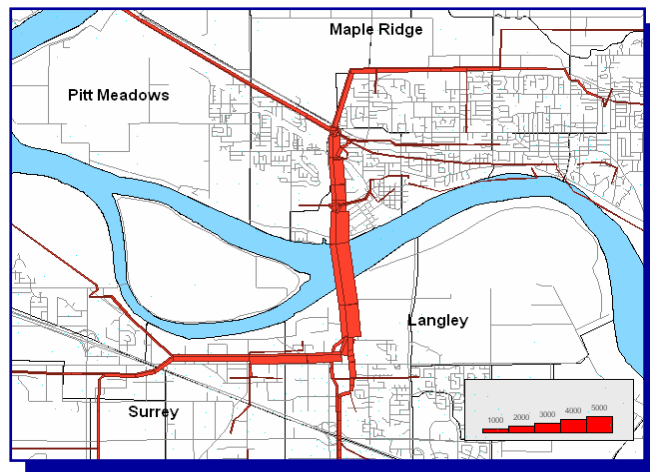
OVERVIEW

A new Fraser River Crossing (FRC) that would link Greater Vancouver suburbs Maple Ridge/Pitt Meadows with Surrey/Langley is considered a priority for the Greater Vancouver Transportation Authority (GVTA). In order to support the delivery of the project in the form of a public private partnership (PPP), the GVTA commissioned a study to identify new or upgraded roads and/or structures that would be considered part of the overall project definition.

In previous studies, TSi Consultants conducted a strategic evaluation of alternative corridors for the crossing, and assessed the operational adequacy of the preferred alignments. In support of the project definition, TSi Consultants were commissioned to update the regional PM peak hour travel demand forecasting model to robustly reflect sub-regional conditions and to construct the model at a design grade resolution useful for detailed operational adequacy analysis.

UNIQUE FEATURES

- Updated the regional PM travel demand forecasting model specific to the FRC corridor based upon the most recent (1999) trip diary survey.
- Enhanced the resolution of the model traffic zone and road network to a fine level of detail within the immediate vicinity of the FRC.
- Incorporated unique special generator sites such as proposed shopping centres and industrial parks in the study into the travel demand forecasting process.



Origins and Destinations of forecast PM Peak Hour Demand on the proposed Fraser River Crossing



Photo rendering of New Fraser River Crossing (Source: TransLink)

CLIENT

- TransLink (Greater Vancouver Transportation Authority)

TECHNICAL CONTACTS

- Jim Chim, CEO
- Chris Hoff, Technical Director