



Pitt River Navigational Clearance Assessment

Issue

Under the Navigable Waters Protection Act (NWPA), Transport Canada has a fiduciary responsibility to protect the public's right to navigation. The Gateway program of the Ministry of Transportation proposed a new fixed link bridge to be constructed over the Pitt River to address the transportation issues while at the same time maintaining the navigational rights of industry and users. TyPlan and Westmar Consultants Inc. were retained to assess the vertical and horizontal clearance requirements of such a bridge structure.



Innovation

Through a comprehensive consultation process with marine users, TyPlan identified navigational constraints associated with the waterway. The team identified a bridge height that would accommodate a vertical clearance that was significantly less than originally recommended, while at the same time maintaining the public's right to navigation.

Solution

The recommended reduction in vertical clearance requirements saved the provincial government and taxpayers more than \$25 million based on construction cost estimates.

Contact Information
TYPLAN
604.461.6664
or
russ@typlan.ca

