



## Project Services

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**ENGINEERING THE BEST INFRASTRUCTURE SOLUTIONS** *requires effective project management and the integration of life-cycle processes specific to your project.*

*Binnie's Project Services Division is a specialized group focusing exclusively on Project Management services. Binnie has a 46-year history of working with all levels of government and the private sector; we specialize in project management services for a wide variety of projects.*

Our diverse range of expertise, gained from Municipal, Provincial and Federal government projects, Private Sector land development projects, and formal PMI-certified Professional Project Management training, provides a strong quality and deliverables focus for your projects. We are committed to achieving the results you need by delivering the best solutions.

### **BINNIE'S PROJECT MANAGEMENT SERVICES INCLUDE:**

- > Consulting Program Management
- > Project Cost Management
- > Risk Management
- > Project Management Support
- > Quality Management
- > Construction Management
- > Owner's Engineer Services
- > Advisory Services
- > Design-Build
- > Document Preparation and Coordinating Regulatory Approvals
- > Stakeholder Engagement and Public Consultation Services
- > Project Management Training

Our Project Services division has a team of 17 Project Management staff, as well as full access to the engineering, construction, landscape architecture, and survey expertise from Binnie's remaining complement of 160 staff. We can support effective management of multiple projects in numerous disciplines.

We have built a strong reputation for providing exceptional project management services: we focus on communicating effectively with all stakeholders and partners and are committed to achieving your desired project outcomes and results.

**Build with Binnie.**

# Project Management Methodology

*Our team has extensive experience with Project Management for both large and small projects from initiation through to completion.*

Additionally, we have experience with assuming management of projects that are already in-progress. This includes taking over some projects in which design – or even construction – is already well underway. This experience has taught us how essential it is to understand the history of a project to effectively manage it to completion.

Our project management methodology effectively employs the guidelines of the Project Management Institute's approach to project management. The result? Improved project outcomes and deliverables.



## Initiate

- > Initiation Meeting
- > Project Plan
- > Quality Management



## Plan

- > Preliminary Design
- > Detailed Design
- > Prepare Tender Package
- > Communication
- > Risk Management
- > Monitoring Scope, Schedule, Budget
- > Reporting
- > Quality Management



## Execute

- > Tender, Bid and Build
- > Construction Kick Off Meeting
- > Construction Supervision
- > Monitor Scope, Schedule, Budget
- > Reporting
- > Quality Management



## Close Out

- > Record Drawings
- > Project File Storage
- > Feedback / Performance Review
- > Project Highlight Sheet

## KEY BENEFITS

We have 46 years experience in engineering and delivering effective infrastructure solutions across the province. With our understanding and management of a wide range of projects, we have developed a quality-driven approach that is focused on providing you with value, and tangible benefits, for your projects:

**EXPERTISE:** Utilizing our experience at managing multiple projects (especially, doing so on projects where other activities are ongoing in 'live' operating environment – such as traffic management during new overpass construction), you will find that key project milestones are achieved and that communications and coordination with your operations staff are efficient and timely.

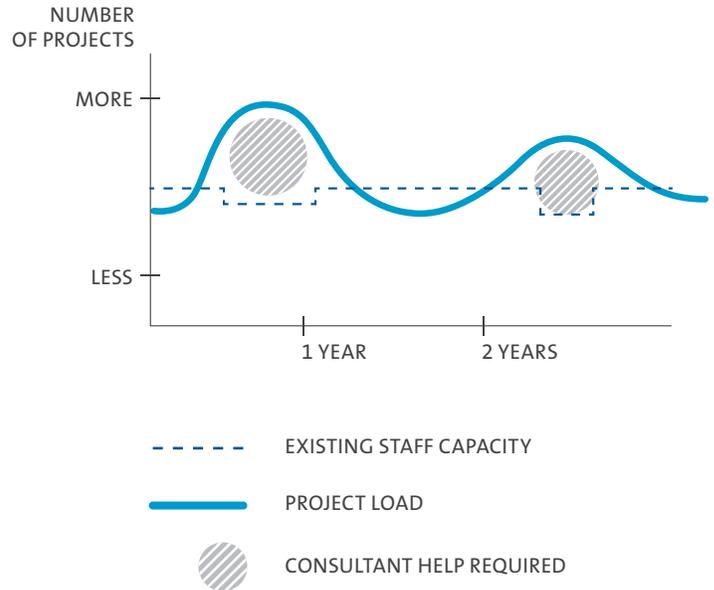
**TEAMWORK:** We work closely with your internal team to learn existing systems and procedures to provide you with a seamless management approach. This allows your team to remain focused on individual responsibilities.

**VALUE:** With a full complement of experienced Project Managers, we are able to develop the best team for each project and provide you with exceptional value in the delivery of solutions and results. Our Senior Project Managers are engaged on high level project responsibilities and provide overall guidance, while our assistant Project Managers are available to cost-effectively carry out routine tasks and complete necessary day-to-day activities.

# Why Choose Consultant Project Management?

*We understand that sometimes large projects, such as transportation infrastructure, landfill closures, systems upgrades or new facility construction can come with tight timelines due to budget constraints, funding requirements, or Operational Certificate compliance reasons.*

With continuous fluctuation in project load and your internal staff capacity, our consultant Project Managers can step in and provide additional support on any specific project. This ensures that your project gets the attention and management it needs, while allowing your staff to focus on their other responsibilities and ensuring that your normal day-to-day operations and services are not negatively impacted.



**PROFILE:** *Richard Bush, P.Eng., PMP, MBA*  
*Project Services Division Manager, Associate*



Our Project Services Division Manager, Richard Bush, is responsible for leading our efforts and involvement in consulting Project Management, Owner's Engineer, Design-Build, and special Advisory services. As a Professional Engineer and Project Manager, Richard Bush focuses on delivering a variety of projects for municipal, private, and government agencies.

Richard's primary focus is managing projects for a variety of clients including TransLink, the Ministry of Transportation & Infrastructure, and various municipalities. As a Project Manager, he is responsible for delivering projects from initiation to completion. These projects require him to learn his clients' systems and manage stakeholders, consultants, contractors, and a variety of departments including procurement, finance, and real-estate. Richard understands the importance of managing project scope, schedule, budget, risk, and enjoys working in a team atmosphere.

Richard has ample field experience and understands how construction works and is implemented. As an on-site inspector, Richard has been responsible for construction progress reporting, contract and client liaising, cost and progress payment summaries, scheduling and quality assurance for both municipal clients and several major projects with the Ministry of Transportation.

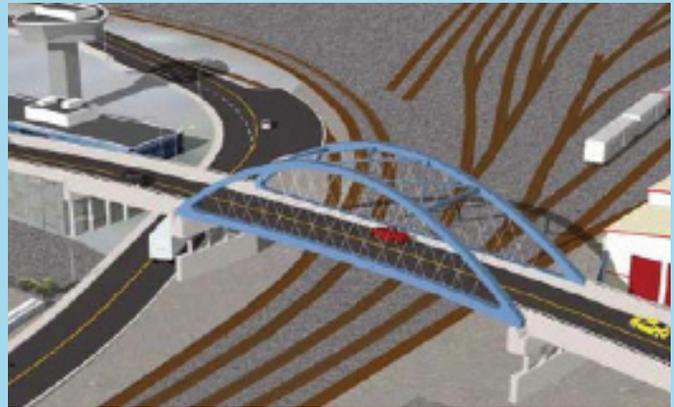
Richard's experience is an excellent resource for your next project. For more information on the services that we can provide on your project, please contact Richard at [rbush@binnie.com](mailto:rbush@binnie.com) or call Richard at 778-945-6075.

## FEATURE PROJECT: Philip Avenue Overpass, District of North Vancouver

The District of North Vancouver has retained Binnie as the Lead Project Manager on the above-grade railway overpass project at Philip Avenue in North Vancouver; replacing the existing at-grade crossing located at Pemberton Avenue and 1st Street. This project is currently underway and is expected to be completed in June 2015.

Project management services for the Philip Avenue Overpass include the organization, coordination, management and administration required for design, tender, construction and project close-out. The project benefits include improved traffic flow for the area and reduced vehicle idling and related emissions; safety improvements for both pedestrians and cyclists as both will have safer access on the new overpass; reduced need for train whistling through the area; and the ability to operate longer trains in the area, resulting in less noise from railcar switching and improved operating efficiencies for the railways.

This \$32 million project includes the construction of EPS ramps that allow access to a pile-supported steel bridge span over an existing rail corridor. Additional work includes the installation of a traffic signal, a new anti-whistling railway crossing, securing fencing, noise walls and other measures to support the operation of the new structure. Minimizing impact on residents



and business owners in the area during project construction is one of our key objectives and we ensure that all stakeholders are aware of the plans to handle those impacts.

As part of the management services we are providing on this project, we work with five key funding partners for the overpass: The Government of Canada, The Province of British Columbia, the District of North Vancouver, CN Railways, and Kinder Morgan. Our project services include integrating the objectives of each partner into the project outcomes and ensuring that all partners are kept well informed of project progress and milestones.

Our project management services can provide you with the resources and support that you need to achieve the best solutions for your project.

## **BINNIE**

CIVIL ENGINEERING  
CONSTRUCTION MANAGEMENT SERVICES  
GEOMATICS  
LAND DEVELOPMENT  
LANDSCAPE ARCHITECTURE  
LEGAL SURVEY  
MUNICIPAL SERVICES  
NORTHERN  
➤ PROJECT MANAGEMENT SERVICES  
SPORTS AND RECREATION  
TRAFFIC ENGINEERING  
TRANSPORTATION ENGINEERING

To find out more about how Binnie can help you, contact our Division Manager, Richard Bush, at [rbush@binnie.com](mailto:rbush@binnie.com) or call Richard at 778-945-6075.

For Binnie Head Office, please call 604-420-1721.

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