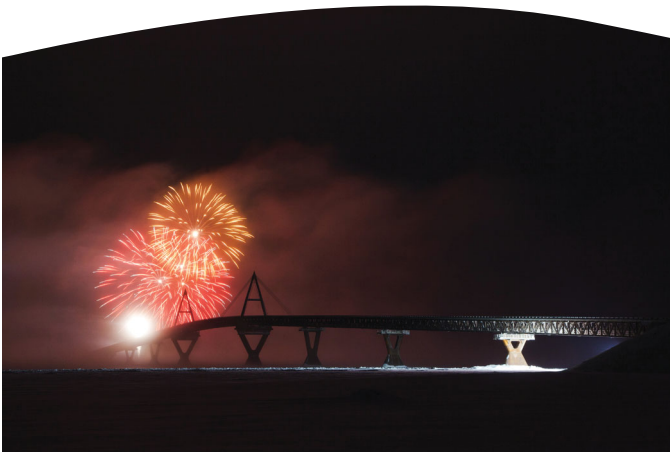




## 2013 AWARDS FOR ENGINEERING EXCELLENCE

### Award of Merit

### Deh Cho Bridge – Bridging New Opportunities



#### Consultant

Associated Engineering

#### Owner/Client

Government of the Northwest Territories

#### Category

Soft Engineering

For more information, please contact:

Jennifer Voss  
Associated Engineering  
☎ (604) 293-1411  
vossj@ae.ca

A dream fifty years in the making, the Deh Cho Bridge now spans the Mackenzie River, connecting communities and creating new opportunities in the North. As much as this project was an engineering feat, it also presented significant project management challenges. Initiated as a P3 project, the Government of the Northwest Territories assumed control after construction had commenced, appointing Associated Engineering as Project Manager.

Key challenges included its location in an extreme, remote environment and a geographically diverse team new to the project. The project management team acted quickly to maintain project continuity and resume control over schedule, budget, quality and risks.

Our team understood that communication would be critical to maintaining project progress and ensuring ultimate project success. A series of project team meetings ensured all participants knew their role in moving the project forward. A tailor-made, web-based project document control system allowed all team members to access project information, at any time and from any location.

Schedule and budget were quickly brought under control through meticulous monitoring and teamwork. Quality was addressed by developing a comprehensive quality program that considered concerns from the previous P3 project, and appointing a strong team to oversee quality assurance. A risk matrix was developed, constantly monitored and updated to ensure "no surprises." The community was kept fully informed via quarterly newsletters, information boards, a project website, a webcam, and consistent contact with the media.

The Deh Cho Bridge now stands as a testament to northern perseverance, bridging new opportunities in the North.