North East Stoney Trail



1. Asset information

The Northeast Stoney Trail project entails the construction, 30 year operation, maintenance and rehabilitation of approximately 21km of 4 and 6 lane highway and construction of 7 interchanges and numerous grade separations with a total of 24 bridges in Calgary, Alberta. The DBFO contract also includes the maintenance of Stoney Trail NW from its junction with Deerfoot Trail to 16th Avenue NW for another 21 kilometres.



2. Impact

Reliable and resilient transport and reduced travel time for c. 18 million vehicles per year



3. Awards and certifications

- Canadian Council of Public-Private Partnerships Implementation of the P3 Process Award of Merit (2007)
- Project Financial International PPP Deal of the Year (2009)
- Alberta Ministry of Transportation Process Innovation Award (2009)
- Consulting Engineers of Alberta Award of Excellence -Transportation Infrastructure (2010)

4. Environment

GHG emissions

The Northeast Stoney Trail project has a strict no idling policy in place for staff and subcontractors in order to reduce greenhouse gases and to minimize the use of fossil fuels.

The Operator's fleet idling is closely monitored by using fleet tracking software. Weekly reports are distributed to all staff to show results and as a reminder to reduce \ eliminate idling.

A dozen hybrid vehicles have been added to the Operator's fleet and benefits are being evaluated.

In addition to the foregoing, the Operator currently has two electric vehicles on a trial basis. They also have reduced the size of their fleet of F150, F250, and F350's to include more fuel-efficient vehicles such as Toyota RAV4, Chevrolet BOLT, and Ford Edge vehicles.



Climate risk

The project was screened to evaluate the potential physical impacts from climate change based on 'Paris-aligned' (RCP2.6 ~+1°C) and 'High emissions' (RCP8.5 ~+3.7°C) scenarios across three time periods (2020, 2050 and 2100). The project maintains a Low physical climate risk score under both scenarios.

Waste & Water

The Operator recycles as much waste as possible from their own consumables and from debris that is collected along the roadway. From cardboard to plastics and tires to asphalt.

The project asphalt rehabilitation plans include the use of asphalt mixes that have as much as 15% of recycled asphalt in them.

The Operator continues to increase the use of calcium chloride, resulting in more efficient snow/ice removal and less use of salt.

Biodiversity

As part of the project, tens of hectares of ponds were created to allow native vegetation and birds to flourish as naturally as possible. This work was implemented in close collaboration with the Fisheries and Oceans Canada and Alberta Environment and Parks to mitigate the impact of the projects on the native wetlands.

The interconnected pond systems deliver an optimal compensation solution and provide a natural habitat three times greater than the wetlands directly impacted by the alignments. The natural landscapes created drew wildlife and vegetation back to the area and favoured optimal drainage of the corridor.

Portfolio Company have installed seven Mason Bee House to support the wild bee population in the area. Additional wildflowers plantings were made in the September 2024.



Noise and air quality

The project actively monitors noise along the motorway and surrounding neighbourhoods.

The Portfolio Company has a strict no-idling policy which is reviewed and updated annually as required.

5. Social

Health & Safety

Health and safety is on the agenda each board meeting. Our asset managers work actively with the Portfolio Company or its management service providers, to promote a strong health and safety culture, facilitate the sharing of best practices.

We endorse a zero-tolerance approach to occupational health and safety incidents. The Portfolio Company has attained Alberta Construction Safety Association Certificate of Recognition (COR) standing. The COR certification requires that an internal audit is performed every year, with an external third party audit conducted every three years to maintain certification.

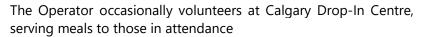
Diversity

The Portfolio Company strives to create a workplace environment where everyone has an equal opportunity to perform at the highest levels, realise their potential and be recognised for it. Additionally, the Portfolio Company has a Diversity policy in place.

Impact for local communities

The Operator donates annually to Enbridge Ride to Conquer Cancer, MS Society annual bike race, donation and occasionally volunteers to the Calgary Drop-In Centre.

The Operator and its parent company have an innovation platform called Eureka, where they spend considerable time and effort developing and fostering innovations that can be applied in the future. They organize competitions and grant innovation awards for the best innovations. The Operator is actively participating in local communities through charitable events, many donations in kind are made where they trade services to aid certain charities. In Calgary for instance, they provide traffic accommodations services to the MS Walk and Enbridge Ride for Cancer.





6. Governance

Delegation & oversight

The Portfolio Company directors review on a quarterly basis comprehensive board report, including both general project management and financial management. The project has a rigorous governance structure in place with quarterly board meetings, ad-hoc meetings when required and an authority delegation matrix to the management services provider.

The Portfolio Company has robust ESG policies and procedures in place and clear board-level responsibility to monitor their application. The ESG standard policies include:

- Biodiversity policy
- Code of Conduct, including anti-bribery, anti-corruption and non-discrimination
- Conflict of interest
- Cyber-security
- Diversity
- ESG
- Health and safety (workplace accident prevention)
- Anti-slavery & Human Trafficking policy (Modern Day Slavery)
- No-idling
- Rapid escalation
- Responsible contractor
- Tax
- Whistleblowing

The Portfolio Company holds frequent meetings with the public sector client to promote collaboration, coordination and integration of operations.

Reporting

The Portfolio Company uses a quarterly board pack, reporting to the board of directors on the operational and financial performance of the project and compliance with its obligations and regulation/legislation, including the policies.

Additionally, the Portfolio Company reports annually into BBGI's ESG KPI survey, which composed of 100+ data points, covering all aspects of ESG oversight.

Cyber security

Portfolio Company and its subcontractors continuously monitor that the cyber security policy is in place and perform information risk analysis and develops mitigating measures. They have a robust and comprehensive IT backup system in place. Additionally, the Portfolio Company has a Cyber security policy in place.

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