

## Crashed Ice Edmonton Project

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**A**s well as working in the commercial and industrial scaffolding markets, Matakana Scaffolding Inc. has also worked on many custom builds for events including ramps for motorcycle jumps and terrain parks for Snowboard Championships but when called upon to design a structure that would snake through downtown Edmonton for Hangman Productions and the Red Bulls Crashed Ice Race, it created a considerable challenge.



The track averaged 4.5m wide and was 415m long with a vertical drop of 36.5m. 80% of the track-300m was supported by scaffolding that wound over, down and through 6 different levels of the Shaw Convention Centre which is built into the side of Grierson Hill in downtown Edmonton. This was a departure from the usual for Red Bull as previous structures have been 50/50 scaffolding and natural surfaces. Andrew Markey of Hangman Productions says ‘The build site provided several challenges, not least of which was craning the equipment onto the various levels of the building that the track spans’.



The track build had to revolve around the normal daily activities of the Convention Centre and had to bridge over access roads and streets. An ice surface was created on the track and 36,000 liters of coolant piped through the refrigeration system.



As well as the track itself, Matakana Scaffolding also constructed camera towers and lighting, PA, and viewing screen support scaffolds. It is hoped that the Crashed Ice Race will be held again in Edmonton sometime in the next 5 years.