



## UDOT - Provo Canyon Utah

Product used: Barchip 'Kyodo' 48mm

### Project details

Project name:	Provo Canyon
Project owner:	Utah Department of Transportation
Project Location:	Wasatch County Provo Utah
Project start date:	June 2005
Project Completion:	November 2006
Contractor:	Ames Construction
Concrete Supplier:	Westroc Inc.
Shotcrete Contractor:	Commercial Shotcrete



### Project Highlights

Provo Canyon's original specification called for 300 Joules using a minimum of 100 lbs/yd of steel fibers tested to ASTM C1550 Centrally Loaded Panels, but working through Ames Construction, Commercial Shotcrete, and Westroc Concrete, Barchip was trialed at 8 lbs/yd and 10 lbs/yd meeting 340 Joules and 400 Joules respectfully. The Utah Department of Transportation officials approved the use of Barchip because of the superior performance and the additional benefits offered, including:

- Non-rusting
- Environmentally friendly
- Safer than using steel fiber - worker protection
- Cost effective
- Easily handled
- Superior mixing
- Easily pumped vertically through 2-inch steel lines.

Barchip was able to meet the stringent specification as well as offering the project a significant cost advantage. Barchip was an easy solution to a highly technical project that provided extra toughness for over 15,000 cubic yards of Shotcrete shot on this project.

***Barchip – as tough as steel and does not rust.***



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