

DAVE JOHNSTON SUBSTATION

HELICAL PILES

PROJECT DESCRIPTION:

Project Name:
Dave Johnston Substation

Date:
October 2011

Location:
Glenrock, WY

Project Type:
Helical Piles

Installer:
Park Range Construction

Foundation Engineer:
Pacifcorp

Pile Engineer:
Magnum - Geo Solutions

Description:
243 MH625B helical piles were installed to a depth of 24 feet and a ultimate capacity of 40 kips compression, 30 kips tension, and 4.5 kips lateral. This project was value engineered from a micro-pile project to helical piles based on overhead clearance and the ability to install in winter. Also, the lack of vibration caused by the helical piles was a crucial selling point as well.



MAGNUM
HELICAL PILES

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