



VEGAS HIGH ROLLER

Las Vegas, NV

Work / Activity 1

Supply of cable stays

Work / Activity 2

Supply of Spherical Roller Bearings



Description of the work

Part of a new development parcel adjacent to the Las Vegas Boulevard (The Strip), the High Roller Observatory Wheel was erected between 2012 and 2014. The Wheel was opened to the public on March 31, 2014.

The Vegas High Roller is the tallest observation wheel in the world (at time of completion) with the top point of the structure culminating at 550 ft above the ground with 28 passenger cabins each with a 40 person capacity.

Freyssinet Mission:

Freyssinet, Inc. assembled the construction team and supplied the cables and low friction spherical roller bearings. Freyssinet was also responsible for two full-scale assembly fatigue test for the cables including all end fittings and bearings. A total of 224 bearings and 112 cables were installed to support the wheel and its 28 cabins. Furthermore, Freyssinet provided technical assistance during the construction.

General Contractor :
Owner :

American Bridge Company
Caesars Linq, LLC

Subsidiaries :

Freyssinet, Inc.
FIC

Beginning of works :
End of works :

12/2011
12/2013

