

LB-9 Helps Build a New Landmark



Photography: Francis and Imelda Murphy, Boston

Boston "Big Dig" Bridge Construction Project

The "Big Dig" in Boston is the single largest, most complex and technologically challenging highway construction project ever undertaken in the United States. Crossing the Charles River to connect two of Boston's busiest freeways, the Leonard P. Zakim Bunker

Hill Bridge is the widest cable-stayed bridge in the world and is destined to become one of the main symbols of this great city. The bridge towers are 82 meters (270 feet) high and will support 10 lanes of traffic. The northbound lane of automobile traffic is scheduled to open in late 2002 and the southbound lane will open in 2004.

Laser Alignment LB-9 model 9135 lasers were used to help control the vertical and horizontal plumb on the dramatic cable-stayed bridge towers. This was an innovative use with what is traditionally an interior laser. The LB-9 is waterproof, has a 600 meter working diameter and high degree of accuracy ($\pm 1/16"$ @ 100 feet/ ± 1.7 mm @ 30m). Use the LB-9 on YOUR next BIG job!

To learn more about the Big Dig project go to www.bigdig.com.

