

NORTHRIDGE HOSPITAL MEDICAL CENTER CAMPUS SEISMIC UPGRADES

Northridge, CA



The 1994 Northridge Earthquake severely damaged the Northridge Hospital Medical Center. For 15 years, RBB Architects has been engaged to implement the seismic repair of nearly every building that makes up the 800,000 SF facility.

In 2005 RBB was hired to seismically upgrade the 73,725 SF Diagnostic and Treatment (D&T) Building. The 1975 building houses many of the critical functions for the hospital, such as the surgery, emergency, and imaging departments; central processing, pharmacy, central stores, catheterization laboratory, and others. All departments were kept in operation.

Among the seismic upgrades, several quarter-inch thick steel plates, spanning from floor to structure above, and from column to column, were added in selected column bays throughout the building.

The complex D&T Renovation project was completed in 28 phases, from January 2006 through December 2008. The \$27 million project was completed on schedule.

PROJECT DATA

Size	73,725 sq. ft.
Cost	\$27 million
Completed	2008
Client	Dignity Health (CHW)
Architect	RBB Architects
Structural	Degenkolb



Concrete Sheer Wall



Sheer Plates



Before



Bridge Seismic Bracing

