

# FAULTLINE

SEISMIC SCIENCE AT THE EPICENTER

## Golden Gate Bridge

Engineers think a magnitude 7 quake near San Francisco could damage this world-famous bridge. Retrofitting the Golden Gate is a \$400 million project that includes putting the approaches to the bridge on base isolators, strengthening the connections between the sections of roadbed, and bracing the support towers. When the decade-long project is complete, the Golden Gate should be able to tolerate a magnitude of 8.3.

Photo: Amy Snyder

