

Project Brief

Big Tujunga Canyon Bridge Retrofit



Los Angeles, CA, USA
Summer 2001



The Big Tujunga Bridge located in northeast Los Angeles County was constructed in the 1950's. Due to more stringent codes the bridge had seismic deficiencies in the spandrel beams and columns.

Tyfo® Fibrwrap® Systems offered the best solution since the composites could supplement the seismic deficiencies in both shear and confinement while still remaining seamless to the eye. The traditional method of retrofit would have required bulky casings of steel or concrete. Completed in the Summer of 2001 the Big Tujunga Bridge illustrated how Tyfo® composites can provide structural solutions while preserving aesthetics and economics of a project.

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