

Project Brief

Pasadena City Hall
Seismic Retrofit



Pasadena, CA, USA
June 2007



We are proud to have been involved with the seismic retrofit of the Pasadena City Hall. The project has recently been awarded the Leadership in Energy and Environmental Design (LEED) Gold Certification by the U.S. Green Building Council – the second highest level that can be achieved.

The historic building, constructed in 1927 and listed on the National Register of Historic Places, is the first municipal facility in Pasadena to receive LEED certification and the fifth LEED-certified building in Pasadena.

A three-year construction project at Pasadena City Hall, led by the city's Public Works Department, included a seismic retrofit and technology infrastructure. It was completed in June 2007 ahead of schedule and within budget.

The retrofit and restoration of Pasadena City Hall has received numerous awards including the 2008 Preservation Award from the Los Angeles Conservancy, the City Beautification/Heritage Award from the San Gabriel Valley Economic Partnership, the Heritage Award from the Foothill California Chapter of the American Institute of Architects, the Gold Award from Building Design & Construction Magazine, the award for Best Project Renovation in Southern California from California Construction Magazine and the "Build America" Merit Award from Associated General Contractors of America. Now the project is also a finalist for the Outstanding Civil Engineering Achievement (OCEA) award. The Outstanding Civil Engineering Achievement (OCEA) Awards recognize projects for their contributions to the well-being of people and communities, their resourcefulness in planning and design challenges, and their innovations in materials and techniques.

The Tyfo® Fibrwrap® System was used to strengthen one-hundred columns in the basement in order to improve the existing confinement and enable the proper force transfer to the new base isolators. The retrofitted columns required a 4-hour fire resistance rating, that was achieved with our UL-listed Tyfo® AFP (Advanced Fire Protection) System.

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