

7th Street Extension

A HOCHTIEF Company

Owner

City of Sacramento

Location

Sacramento, CA

Value

\$16,300,000

Market

Highways & Interchanges

Start - Completion Dates

7/2002 - 3/2004

- 52 precast girders
- 55,000 cubic yards of excavation and roadway improvements
- 9,000 cubic yards of jet-grouted soil ranging from three to 10 feet thick
- 30,000 square feet of slurry walls ranging from 11 to 28 feet deep
- Seven cast-in-place retaining walls

Project Description

Flatiron completed a roadway extension through the historic Union Pacific Railroad Sacramento (UPRS) rail yard through downtown Sacramento. This new construction extends the arterial roadway underneath the operating railroad tracks, forming a new connection between downtown Sacramento and Richards Blvd.

Flatiron crews added 3,500 feet to the existing 1,500 feet of grade-separated roadway, ranging from two to six feet below the normal groundwater elevation. A shoo-fly, or temporary track, was built for trains to bypass the construction. Flatiron also installed the concrete base slab, which not only serves as the driving surface of the roadway, but also as a barrier for groundwater infiltration. A seepage system was also implemented to capture additional groundwater throughout the depressed area. This system will test the water and eventually pump it into the city's sewage system.

Company Role

Flatiron was the prime contractor for this project.

Awards

- American Public Works Association (APWA) Sacramento Chapter - Project of the Year, 2004
- Associated General Contractors (AGC) California - Excellence in Partnering, 2005

