

Glenwood Canyon Corridor

A HOCHTIEF Company

Owner

Colorado Department of Transportation

Location

Garfield & Eagle Counties, CO

Value

\$104,000,000

Market

Highways & Interchanges

Start - Completion Dates

8/1987 - 1/1994

- Five precast segmental bridge erected in span-by-span method
- Six cast-in-place concrete box girder bridges
- Five balanced cantilever precast segmental concrete bridges
- Eight miles of precast concrete retaining walls

Project Description

Flatiron received national recognition for the construction of a series of projects in the Glenwood Canyon corridor of I-70. All of these projects were built under conditions of stringent environmental requirements, strict traffic disruption restrictions, harsh winters, and restricted workspace. The Glenwood Canyon Corridor included 12 miles of separated eastbound and westbound lanes. Many of the westbound lanes were constructed using elevated viaducts, while most of the eastbound roadway platform was constructed using precast retaining walls.

Over the course of 10 years, Flatiron was responsible for approximately half of the 20 separate projects throughout Glenwood Canyon Corridor, constructing the following most notable projects: (1) Grizzly Creek West, with five precast concrete segmental bridges, four cast-in-place concrete box girder bridges, and extensive precast concrete retaining walls, (2) French Creek Viaduct, with two elevated precast concrete bridges—erected in balanced cantilever with an articulated overhead gantry—totaling 4,000 feet in length, and (3) Hanging Lake Viaduct, with three elevated concrete bridges erected in balanced cantilever using an articulated overhead gantry.

Company Role

Flatiron was the prime bid-build contractor.

Awards

- American Concrete Institute – Award of Excellence for French Creek Viaduct, 1990
- American Concrete Institute – El Rancho Partnering Award, 1990
- American Concrete Institute – Outstanding Concrete Project of the Year, 1993
- Association of General Contractors – AON Build America Award, 1992
- Precast/Prestressed Concrete Institute – Design Award, 1992

