

Colfax Bridge

STRUCTURE

The Colfax light rail bridge is 696 feet long and 20 feet wide. It carries one light rail track, which will be used by trains travelling both eastbound and westbound intermittently.

The bridge was built using pre-cast concrete girders.

The bridge has more than 266,000 pounds of reinforcing steel and 4.3 million pounds of concrete.

To make the bridge lighter, the rails are attached to the bridge deck and the ballast and ties are eliminated.

Due to construction scheduling, the bridge was built without approach ramps leading up to it. The ramps will be added to both sides of the bridge at a later date.

The bridge is not designed for pedestrian or bicycle access.

A retaining wall was built on the west side of Colfax Avenue to bring the grade up to the level of the bridge and track.

The off ramp from westbound 6th Avenue to eastbound Colfax Avenue will be realigned under the bridge to better accommodate automobile traffic movements.

OVERVIEW

Total weight of bridge	4.6 million pounds
Length of bridge	696 feet
Height over Colfax	30 feet

The Colfax Bridge is part of the RTD FasTracks West Rail Line.

Designed by Jennifer Wood of design consultant David Evans & Associates

Constructed by Lawrence Construction, sub-contractor to Denver Transit Construction Group



July '09



September '09



December '09



April '10