

CONSTRUCTION FACT SHEET

WEST RAIL LINE OVERVIEW

The 12.1 mile West Rail Line Light Rail Transit (LRT) Project is part of RTD’s \$6.5 billion FasTracks transit improvement program approved by the voters in November 2004. The West Rail Line Project is currently in the construction phase.

DENVER TRANSIT CONSTRUCTION GROUP (Civil Contractor)

Denver Transit Construction Group (DTCG) is the established joint venture consisting of Herzog Contracting Corp of St. Joseph, Missouri and Stacy and Witbeck, Inc. of Alameda, California. Their expertise has secured their ranking as national leaders in transit and railroad construction and their combined portfolio of over 150 similar rail transit projects is invaluable as the West Rail Line moves into the construction phase.

BALFOUR BEATTY RAIL, INC. (Systems Contractor)

Balfour Beatty Rail Inc. is a global engineering, construction, services and investment organization headquartered in London, England. The firm specializes in large infrastructure and building programs. Balfour Beatty was founded in 1909 and their transit experience includes AC and DC traction power projects; catenary line systems; signal and communication systems and systems construction.

PROJECT ELEMENTS

- 13 LRT or vehicular bridge structures – primarily steel and concrete girders with more detailed bridges at the South Platte River Crossing and over 6th Avenue (near Simms/Union)
- Two light rail tunnels – Union Blvd and I-70
- Four pedestrian structures (three bridges and one tunnel)
- 12 stations with varying amenities including three parking structures (Sheridan, Wadsworth, Jeffco) and three surface parking lots (Federal/Decatur, Oak, Federal Center)
- 115 retaining walls and more than 10,000 feet of noise wall
- 20 at-grade crossings
- Rebuilding of local streets and roadways adjacent to the trackway
- Significant replacement, relocation, adjustment and protection of existing public and private utilities and underground storm drainage and surface drainage re-grading
- Traction power/distribution, train control and communication systems
- Nine miles of double-tracked and three miles of single-tracked light rail

WEST RAIL LINE FUN FACTS

- The 6th Avenue Bridge required over 500,000 bolts.
- The West Corridor will require more than 5.5 million pounds of steel.
- The Indiana Bridge is the longest bridge in the RTD system at 1,532 feet.





Jeffco Parking Structure - August 2011

Area 1 (Jeffco – Federal Center)

- Jeffco parking structure
- Jeffco passenger station
- Johnson Road reconstruction
- Ulysses Street reconstruction
- Cantilevers and OCS poles
- Union Blvd. reconstruction
- Light rail tunnel under Union Blvd.
- Rail and track construction
- Substations and relay houses

Area 2 (Federal Center – Sheridan)

- Oak St. passenger station
- Bike path construction
- Garrison St. passenger station
- Wadsworth Blvd. passenger station
- North/south cross street reconstruction
- 13th Avenue reconstruction
- Lamar Street passenger station
- Cantilevers and OCS poles
- Rail and track construction
- Substations and relay houses



Wadsworth Station-August 2011



Federal Boulevard Bridge- August 2011

Area 3 (Sheridan – Auraria)

- Sheridan Blvd. passenger station
- Federal/Decatur passenger station
- Auraria passenger station
- CPV tie-in at Auraria
- Rail and track construction
- Substations and relay houses
- Cantilevers and OCS poles