

PROJECT FACT SHEET

DENVER UNION STATION CONSTRUCTION - SPRING 2012

CONSTRUCTION ACTIVITIES IN FULL SWING AT DUS

Denver Union Station is a unique project that will bring together many different transportation modes, along with new private development, to create a bustling urban center and multimodal transportation hub. Denver Union Station will be the heartbeat of activity in the city and the centerpiece of a new age of connectivity in the region. Construction activities for the transit improvements started in earnest in mid-February 2010.



View of the construction site, February 2012

The project includes the following transit elements:

- Underground regional bus facility – 1,100 feet long, 22 bus bays
- Relocated RTD light rail (LRT) station – three tracks, two platforms with canopies (completed August 2011)
- Extended 16th St. Mall Shuttle and relocated turn around (completed August 2011)
- Commuter rail (CRT) train hall – eight tracks, five platforms, 44,000 sq. ft. PTFE membrane canopy (similar to DIA's roof)
- Public plazas and pavilions
- Street improvements

The construction boundaries are from 19th St. on the north to 16th St. on the south and from Wynkoop St. on the east to the consolidated mainline (CML) freight tracks on the west.

Construction Sequencing

Construction will be done in phases due to the requirements to maintain street access, utilities, light rail and 16th St. Mall Shuttle service. Since the regional bus facility is under most of the other elements, it must be built first.

Major construction in Phase 1 includes:

- Underground bus facility from the CML freight tracks to Wewatta St. (west half)
- New LRT platforms and tracks north of the Millennium Bridge adjacent to the CML
- Relocate Amtrak services to a temporary station and platform at Wewatta St. and 21st St. which was completed February 2011
- Chestnut Pl. from 19th St. to 16th St.
- 16th St. from Wewatta St. to Chestnut Pl.
- LRT and 16th St. Mall Shuttle Station Phase 1 construction was completed in August 2011.



New light rail train station and 16th St. mall shuttle, February 2012.



Second half of the underground bus facility, December 2011

Major Construction in Phase 2 includes:

- Continue construction of the underground bus facility from Wewatta St. to the Denver Union Station building, (east half)
- Reconstruct Wewatta St.
- Reconstruct 16th St. between Wewatta St. and Wynkoop St.
- Wynkoop Plaza

Major Construction in Phase 3 includes:

- Construct the CRT tracks and platforms
- Complete the train hall canopy and pedestrian bridge
- Complete the underground bus facility interior
- Construct the plazas and pavilions
- Pave and open 17th St. and 18th St.
- Return Amtrak services to the historic Denver Union Station building

Upcoming and ongoing activities

Regional Bus Facility

- Interior finishes in the west half of underground bus facility – mechanical, electrical, plumbing and fire protection system installations; pouring the concourse topping slab and storefront curb; and installing the storefront glazing systems (the glass wall between the pedestrian concourse and the bus drive lanes.)
- Build structure for the east half of underground bus facility
 - Four-foot concrete base slab
 - Concrete walls, columns caps
 - Pre-cast concrete box girders and roof deck

Light Rail

- Complete the plaza area adjacent to the Light Rail Station

Commuter Rail

- Construction of steel for the train hall canopy (off site)
- Grading and track work under the 20th St. viaduct

Other Activities

- Rebuild 16th St. from Wewatta St. to Wynkoop St.
- Rebuild 18th St. from Wynkoop St. to the Ice House Parking Garage
- Build 17th St. from Wewatta St. to Chestnut St.
- Wynkoop Plaza
 - Underground utilities
 - Foundations
 - Grading
 - Fountain
 - Finishes – landscaping, lighting, paver placement



Inside the underground facility, December 2011

