



The US 6th Sense



US 6 Bridges
Design Build

November 2014

10 busy days at Federal mark “halftime” on US 6 Project

Serving as the halfway-to-completion point of the Colorado Department of Transportation’s (CDOT) US 6 Bridges Design Build Project, crews will shift Federal Boulevard traffic to the east onto newly built bridges over US 6 during the weekend of Nov. 7. This traffic shift is in anticipation of demolishing the west half of the bridge the following weekend. This two part, 10-day stretch of construction work is detailed below.

PART 1: FEDERAL TRAFFIC SHIFT

Work to shift traffic will begin at about 7 p.m. on Friday, Nov. 7, with traffic in its new alignment by 5 a.m. Monday, Nov. 10.

During this weekend, Federal Boulevard will be reduced to one lane of travel in each direction and there will be various closures of the Federal on-ramps and off-ramps.

Work to be done during the weekend of Nov. 7-10 includes:

- Removing asphalt and paving on Federal Boulevard, US 6 and the Federal on- and off-ramps
- Placing embankment along the Federal on- and off-ramps
- Resetting temporary barrier
- Reconfiguring the Federal and 5th Avenue intersection and the westbound on- and off-ramp intersection
- Installing a new waterline on the Federal bridge over US 6

By 5 a.m. Monday, Nov. 10, there will once again be two lanes of traffic in each direction on Federal Boulevard, and traffic will be in this configuration for approximately six months.

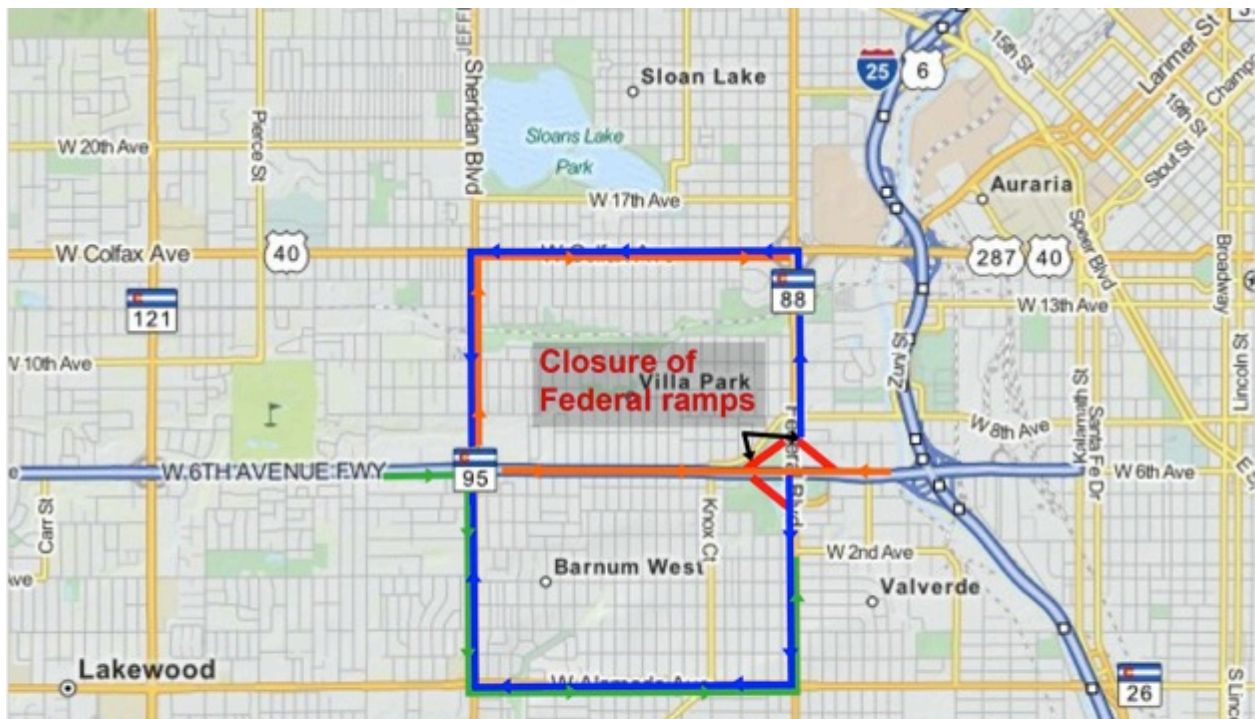
Other impacts associated with this traffic shift include:

- The westbound US 6 off-ramp to Federal will be closed all weekend and throughout the following week for reconstruction. **When this off-ramp reopens the evening of Friday, Nov. 14, it will be in its final alignment.**
- On Friday, Nov. 7, the westbound US 6 off-ramp to Lowell/Perry will re-open to accommodate local neighborhood traffic. **This is one month earlier than anticipated. The ramp will remain open for the remainder of the project.**

- The Federal on-ramp to westbound US 6 and the eastbound US 6 off-ramp to Federal will close from approximately 9 p.m. Saturday, Nov. 8 through approximately 5 a.m. Monday, Nov. 10..

Travel impacts:

- **Federal Boulevard:** One lane of travel will be open in each direction on Federal all weekend. No detour routes will be posted, but alternate routes are advised around the area.
- **During westbound US 6 off-ramp closure:** Motorists will continue to Sheridan Boulevard, go north on Sheridan to Colfax Avenue, then go east on Colfax to access Federal. Local residents can access the surrounding neighborhoods by using the westbound US 6 off-ramp to Lowell/Perry.
- **During Federal on-ramp to westbound US 6 closure:** Motorists should take Alameda Avenue or Colfax Avenue west to Sheridan, then use Sheridan to access westbound US 6.
- **During the eastbound US 6 off-ramp closure:** Motorists should exit eastbound US 6 at Sheridan, take Sheridan south to Alameda, and then take Alameda east to access Federal.



- ➔ EB US 6 off-ramp to Federal detour
- ➔ WB US 6 off-ramp to Federal detour
- ➔ Federal on-ramp to WB US 6 detour

PART 2: 31-HOUR CLOSURE OF US 6 FOR FEDERAL BRIDGE DEMOLITION

After Federal traffic is moved onto the new bridges and the westbound US 6 off-ramp reopens, crews will then demolish the west half of the Federal bridge over US 6. To complete this work, US 6 at Federal will close for 31 hours, beginning at about 10 p.m. on Saturday, Nov. 15, and concluding by 5 a.m. Monday, Nov. 17.

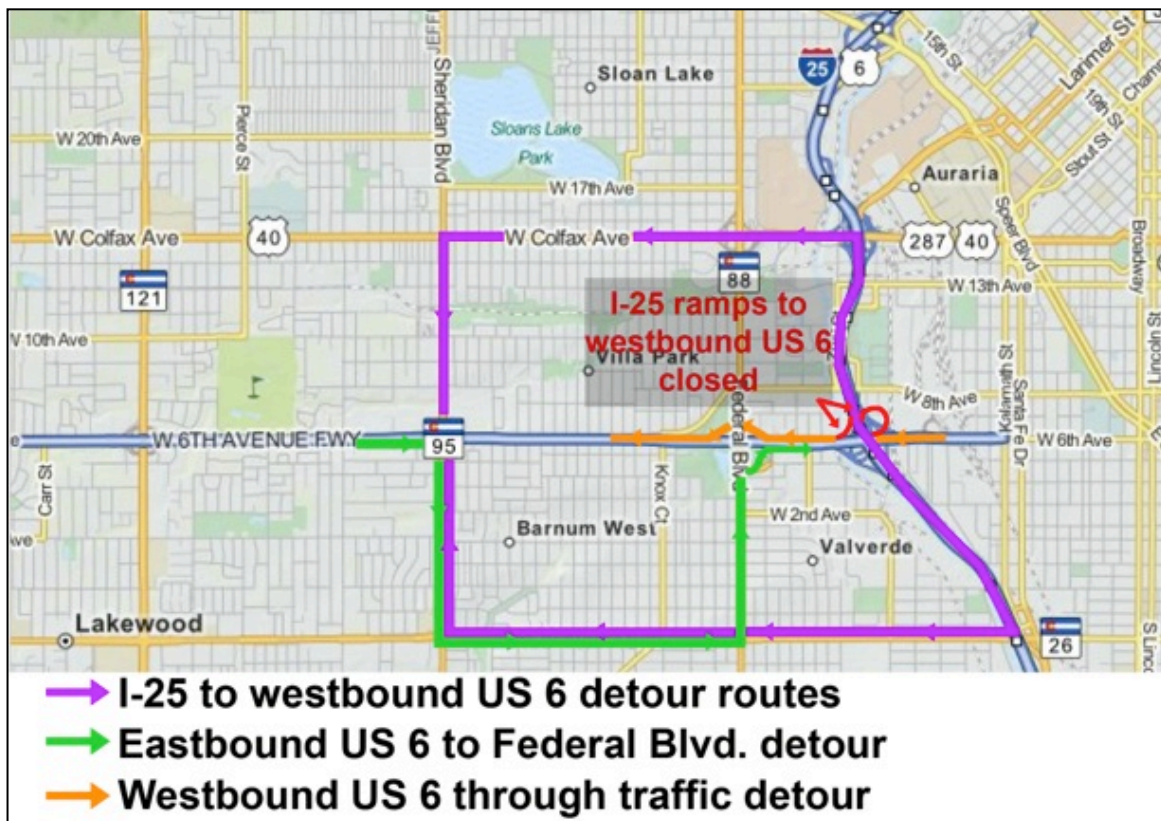
During this work, westbound US 6 will close at Federal Boulevard, while eastbound US 6 will close at Sheridan Boulevard. Also, the northbound and southbound I-25 off-ramps to westbound US 6 will close to prevent backups on westbound US 6.

Taking down the west portion of the Federal Boulevard bridge over US 6 will enhance driver safety by eliminating the bridge pier that currently splits the lanes of westbound US 6. Removing this bridge pier will also make it easier for snowplow drivers to navigate US 6 as winter approaches.

Completing this work over an extended highway closure will eliminate the need to demolish the bridge in phases over the course of several nights.

TRAVEL IMPACTS:

- Westbound US 6 through-traffic coming out of downtown Denver will detour at the westbound US 6 off/on-ramps at Federal Boulevard.
- The northbound and southbound I-25 off-ramps to westbound US 6 will be closed during the entire 31-hour period. Motorists should take Alameda Avenue or Colfax Avenue west to access Federal Boulevard.
- Eastbound US 6 will close at Sheridan Boulevard. Motorists should take Sheridan Boulevard south to Alameda Avenue, then go east to access Federal Boulevard.



Construction update

October accomplishments

- Poured the bridge deck on the north half of the US 6 bridge over I-25
- Set girders and poured the bridge deck on the north half of the US 6 bridge over the Burlington Northern Santa Fe (BNSF) railroad tracks
- Continued installation of a new waterline at the Federal Boulevard bridges over US 6 and the new westbound CD road in preparation for shifting traffic later in November
- US 6 roadway concrete paving

November look ahead

- Shifting traffic onto newly built Federal Boulevard bridges over US 6 and the new westbound US 6 collector-distributor (CD) road
- Demolishing the west half of the Federal Boulevard bridge over US 6
- Reopening the westbound US 6 off-ramp to Lowell/Perry
- Moving the southbound I-25 off-ramp to westbound US 6 into its new, permanent location
- Ongoing work in the Barnum parks

Project halftime report

It's hard to believe nine months have passed since work began on the US 6 Bridges Design Build Project. The second phase of Federal Boulevard bridge reconstruction marks the halfway point of construction activities. As crews prepare for an elaborate "halftime show" that features 10 busy days of work on this bridge, we decided to take a moment and look back at some of the major project accomplishments thus far:

- We rebuilt the Knox Court bridge over US 6 in just 85 days – five days ahead of schedule
- We rebuilt the south half of the US 6 bridge over I-25, and are nearly finished with the north half
- We rebuilt the south half of the US 6 bridge over the BNSF railroad tracks, and are nearly finished with the north half
- We rebuilt the south half of the US 6 bridge over the South Platte River
- We shifted US 6 traffic to the south onto the new US 6 bridges over I-25 and the BNSF railroad tracks
- We rebuilt the north half of the US 6 bridge over Bryant Street
- We relocated and reconstructed the northbound I-25 off-ramp to eastbound US 6
- We set girders and poured the deck for the northbound I-25 off-ramp bridge to westbound US 6
- We built the Federal Boulevard bridge over the westbound US 6 collector-distributor ramp
- We rebuilt the east half of the Federal Boulevard bridge over US 6



New Knox Court bridge

- We have placed about 1,100 cubic yards of concrete, set 13,000 linear feet of bridge girders, removed about 7,000 linear feet of median barrier, poured 23,000 square yards of concrete pavement, set 80,000 square feet of mechanically stabilized earth retaining wall panels and installed about 300 linear feet of waterlines
- In the Barnum North park we have completed trail improvements and in the Barnum East park we removed light poles and installed a new irrigation system and sod for the baseball fields, and performed site grading to start installing the synthetic turf field
- After this 10-day stretch of construction work, the westbound US 6 off-ramp to Federal Boulevard will be in its new, permanent location



Aerial photo taken Oct. 15, 2014

Safety update: Change Your Peak Drive – Are you ready for winter?

Planning on heading to the mountains this winter? Make sure you and your car are ready for anything. First, make sure you have good tires. Take the quarter test to find out:

- Insert a quarter into the tire tread upside down, with Washington’s head going in first
- If the top of George’s head is covered by the tread, your tires are OK – do this test at multiple points around each tire
- If the top of his head is visible at any point around the tire, you need new tires



Consider investing in a set of winter tires. Winter tires are specially designed to grip cold and wet roads better than all-season tires.

If you do get in an accident, did you know that you can move off the roadway to help keep traffic flowing? Colorado’s “Move It” law requires motorists involved in minor accidents to move their vehicle immediately out of traffic to a safe location when:

- The vehicle is drivable

- No drugs or alcohol are involved
- There are no injuries

Most importantly, law enforcement and insurance companies will not penalize you for moving your car.

And don't forget to give snowplows room to work. Avoid passing plows on the right, tailgating, or driving next to a plow for long periods of time. Overall, don't crowd the plow! Follow these simple steps and you'll be rewarded with a freshly cleared road.

For more information about winter driving safety, head to ColoradoDOT.info/travel/winter-driving, and for the most up-to-date traffic info, check out CoTrip.org or download the [CDOT Mobile app](#).

Meet the project team

Stefan Hennig, Edward Kraemer and Sons, Inc.

What is your role on the US 6 Bridges Design Build Project?

Construction Quality Control Manager

How long have you been with Edward Kraemer and Sons, Inc.?

10 Years

What is the most rewarding part of what you do?

Bringing new life into an old infrastructure

Where did you attend school?

Purdue University, Indiana

If you could have dinner with someone, dead or alive, who would it be and why?

Tenzing Norgay - Who REALLY got to the top first?

Where is your favorite place you've traveled?

Holland

What are your hobbies?

Hunting, cycling (Yes, in tights)

What was your first concert?

Def Leppard

What was your first car?

1985 Chevy S-10



Continued on next page

Do you prefer dogs or cats and why?

Both, the cats keep out the vermin, and the dogs take care of the rest

Explore commuting options

If you find it too stressful to drive through the US 6 corridor while it is under construction, you might want to explore alternative modes of transportation. This could include using the Regional Transportation District's West Rail Line or bus services. [Click here](#) for information on RTD's light rail service. For information on bus fares and schedules, [click here](#).

Exploring carpool or vanpool services is another option you might want to pursue. [Click here](#) to access an online trip planner where you can input your starting location and destination address into a database to see if there are existing carpool or vanpool services in your area.

If biking or walking are more your speed for short trips, [click here](#) for tips on getting to your destination by foot or bicycle.

Note from the Project Director

This substantial 10-day construction period will serve as the 'halftime show' for this project. We're right on schedule to finish in the fall of 2015 and are excited about this progress.

Work leading up to and including demolition of the west half of the Federal bridge over US 6 will allow us to jump right into the second half of this project. We're proud of our progress to this point and, while there is still much work left to do, we're starting to see the light at the end of the tunnel. We genuinely appreciate the continued support of the local community and the traveling public.

Sincerely,

*Kevin Sullivan
Project Director, US 6 Bridges Design Build Project
Colorado Department of Transportation*

Want more information?

Website: www.coloradodot.info/projects/US6Bridges

Hotline: 720-881-5540

Email: us6bridgesinfo@cig-pr.com

Click [here](#) to sign up to receive *The US 6th Sense* every month.