

# Pecos Street over I-70

Bridge Replacement/Interchange Improvements



March 2013

## Construction underway on Pecos Street bridge project

Construction continues on the Colorado Department of Transportation (CDOT) Pecos Street over I-70 Project.

The project consists of replacing the Pecos Street bridge, constructing roundabouts to improve safety and building a pedestrian bridge over I-70 on the west side of Pecos Street.

Crews have been hard at work since November 2012, with new pavement construction on the eastbound off-ramp and southbound Pecos Street. Traffic will be realigned onto the newly constructed pavement in the coming weeks, allowing construction to continue on northbound Pecos Street and the eastbound on-ramp. The southbound Pecos Street lane restriction will continue until April 2013, rather than opening in late February 2013. By doing so it minimizes the number traffic realignments necessary for the project and limits confusion for travelers.



*Rendering of the future Pecos Street roundabouts and bridge over I-70 (looking south)*

The northbound and southbound traffic realignments are being completed in preparation for the two-month long closure of Pecos Street at I-70 to construct the bridge support structure and roundabouts for the project. The Pecos Street closure is scheduled to begin in late spring, during which access to all business in the area will be maintained on both the north and south sides of I-70, as well as access to and from eastbound I-70 from Pecos Street south of the highway. Motorists are encouraged to use Federal Boulevard to cross I-70 during this closure.

## Attend the information open house – April 3

Details of the two-month closure of Pecos Street at I-70, as well as project updates, will be presented at an upcoming open house. The project team will be available to answer your questions about the project.

*Wednesday, April 3  
4-6 p.m.*

*Remington Elementary School Gymnasium  
4735 Pecos St.  
Denver, CO 80211*

If you are unable to attend the open house but have questions, please email them to [Pecos.I70@kiewit.com](mailto:Pecos.I70@kiewit.com) and a member of the project team will respond.

### Stay informed

- Visit the project website at [coloradodot.info/projects/pecosoveri70](http://coloradodot.info/projects/pecosoveri70)
- Sign up for weekly email updates and alerts by sending an e-mail to [Pecos.I70@kiewit.com](mailto:Pecos.I70@kiewit.com).
- Call the hotline at 303.672.1770

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## New pedestrian bridge improves pedestrian access

CDOT understands the pedestrian needs in the area and is providing safe access for pedestrians with a bridge that crosses I-70 on the west side of Pecos Street and new pedestrian signals.

Pedestrians are being directed to the west side of Pecos Street, at which time the sidewalk on the east side of Pecos Street, from 47<sup>th</sup> Avenue to I-70, will close permanently.

The pedestrian bridge is currently being constructed and will open to the public prior to the two-month closure of Pecos Street in late spring.



*Pedestrian bridge over I-70, just west of Pecos Street (looking east)*

The rendering to the right shows what the pedestrian bridge will look like once completed.

## Bridge roll coming up this summer

The 2,400-ton bridge is currently being constructed off-site, on the south side of I-70, and will be rolled into place over a weekend closure of I-70 this summer. The bridge will be rolled approximately a quarter mile down the center of I-70, starting on Friday night while the existing Pecos Street bridge is demolished. I-70 will reopen on Sunday after the bridge is in place.

The bridge will be moved using 88 Self-Propelled Modular Transporters (SPMT), which are computer controlled platform vehicles capable of moving bridges like this one – that weigh more than 2,000 tons. A single SPMT consists of multiple axles and wheels arranged in pairs. Each axle line of the SPMT is capable of carrying approximately 30 tons and are moved using computerized controls, run by an operator.



*Example of Self-Propelled Modular Transporters (SPMT)*

A similar method was successfully used on the Utah Department of Transportation's Beck Street Bridge over I-15 project in Salt Lake City in 2009. A video of the bridge move is available online at [coloradodot.info/projects/pecosoveri70/utah-dept-of-transportation-beck-street-bridge-move](http://coloradodot.info/projects/pecosoveri70/utah-dept-of-transportation-beck-street-bridge-move)

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