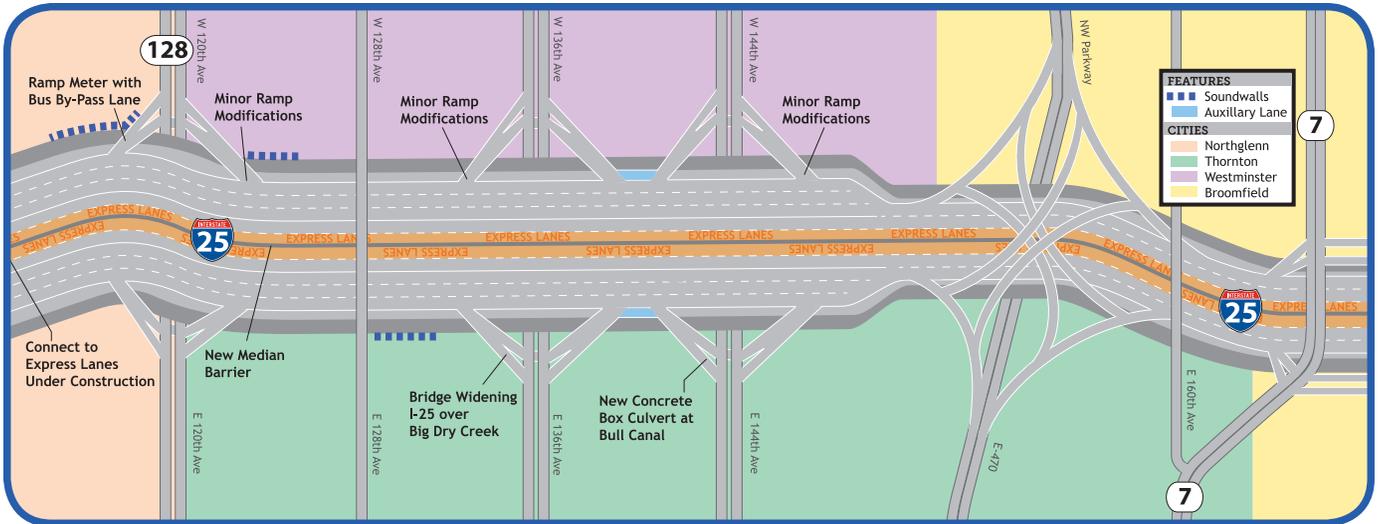




- Helping stranded drivers
- Pedicabs provide lift for I-25 Express Lanes project
- Why do radar speed signs work?
- How is Express Lane toll money used?



Helping stranded drivers

When a vehicle breaks down on the highway, it can be dangerous. It gets even more hazardous in a construction zone. Waiting for roadside assistance can take hours and a stalled vehicle can back up traffic for miles. The Colorado Department of Transportation (CDOT) is joining forces with Hamon Infrastructure to help stalled motorists on a seven-mile stretch of I-25, from Colorado Highway (CO 7) to West 112th Street

WHO: Jonathan Marshall patrols the highway during peak driving hours.

WHEN: 6 a.m. – 9 a.m. and 3 p.m. – 6 p.m. Hamon started offering the courtesy service in October, and it will continue until the construction project is complete.

WHAT: Whether he is changing a tire, using the gas cans he carries to get the driver to the nearest filling station or towing the vehicle off the highway, Marshall has the tools to get drivers and their vehicles out of harm's way.

WHERE: Through a deal Marshall worked out, motorists can safely wait for their own roadside assistance at the Westminster Super 8 on Melody Drive and at JCPenney at the Orchard Town Center.

If a vehicle needs to be towed, it may be dropped off at one of the north or southbound emergency pull-offs.

"I sometimes work longer," Marshall said. "If there are other cars broken down, I'll go out and help them, too."

The Science Behind Radar Speed Signs

Vehicle Trouble 1/9/17-2/8/17			
Flat tire	12	Total	33
Car died/misc.	10	Avg. per week	8
Out of gas	7		
Accident	3		
Fire	1	Total Tows	8

Familiarity breeds inattention, and inattentive drivers are the most common source of collisions. Enter radar speed signs, which science shows have the ability to change driver behavior by:

- Creating feedback loops, a concept of brain science that has been studied since the 18th century. Understanding how the brain works can help identify solutions to improve traffic safety. Different types of brain waves—including alpha, beta and theta—have an impact on driver behavior, and radar speed signs serve as a trigger for beta waves, which indicate a strongly engaged, active mind.
- Providing people with information about their actions in real time, then give them an opportunity to change those actions, pushing them toward better behaviors.
- Utilized as part of a traffic management plan in areas classified as familiar routes, radar speed signs can alert drivers to pay attention, creating safer roads for drivers, passengers and pedestrians.



"I notice that people generally begin to ignore construction signage once they become familiar with it," said Gabe Burgess, project engineer at Hamon Infrastructure.

A blinking, real-time indicator seems to stimulate awareness of speed

"But a blinking, real-time indicator seems to stimulate awareness of speed,"

Burgess noted that traffic control personnel notice that motorists slow down and pay attention when driving through the project where a radar speed sign is present. "Drivers are conditioned to pay attention to their speed when they see a flashing sign for fear of being ticketed," said Burgess.

How Is Express Lane Toll Money Used?

Very little of the CDOT's annual budget is dedicated to building new roadways. Rather, the majority of the Department's budget is dedicated to maintaining existing roadways. Additional revenue from toll fees helps CDOT to pay building costs for new roadway projects not covered by their annual budget.

The North I-25 Express Lanes project was financed by the High-Performance Transportation Enterprise (HPTE). Colorado's HPTE operates as a government-owned, independent business within CDOT.

Pedicabs provide lift for I-25 Express Lanes project

Just south of West 120th Avenue, in Thornton, there is a tunnel that runs underneath Interstate 25. It provides a convenient way for pedestrians to get from the RTD Wagon Road Park and Ride, on the west side of the highway, to Webster Lake Promenade on the east side. Ultimately, road construction aims to improve transportation for drivers, but it can cause delays and frustrate residents. As

part of the I-25 Express Lanes project, the Colorado Department of Transportation will temporarily close the pedestrian tunnel in late April causing a one-mile detour. CDOT is always looking for ways to make the construction process less stressful for everyone involved, including pedestrians. So, pedicabs will be provided free of charge to take pedestrians on the detour.

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Sign up for updates: www.tinyurl.com/i25-north-express

NORTH I-25 EXPRESS LANES NEWSLETTER

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North I-25 Express Lanes
120th to Northwest Parkway/E-470



NEWSLETTER

April 2017



North I-25 Express Lanes
120th to Northwest Parkway/E-470

The organization was formed with the goal of developing innovative ways to finance projects to help Colorado fulfill its commitment to increase travel choices. Money collected by HPTA may be expended only for the project for which they were collected or for a project that is integrated with that project. So, when you pay money at one of the North I-25 Express Lane tolls, you are helping to finance the roadway you are driving on.

In addition to generating revenue, the new express lanes serve an important traffic management function. The North I-25 Corridor between US 36 and CO 7 is one of the most

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congested stretches of highway in the Denver metro area, with an average traffic volume of 174,000 vehicles per day. CDOT predicts the corridor's daily traffic volume will see a 60 percent increase by the year 2040. The North I-25 Express Lanes will help manage traffic congestion by increasing the overall roadway capacity and offer motorists a faster way to travel through the area.

Ways to commute

Smart Commute Metro North is offering some incentives to help you commute smarter! For more information or to sign up, check out:

www.smartcommutemetronorth.org/idrivei25



Stay informed

For updates on this project,

call (720) 737-5118 or email i25northconstruction@gmail.com.

To sign up for "CDOT Alerts" visit:

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