



## Military Access, Mobility & Safety Improvement Project

South I-25 / CO94 / S. Academy Boulevard / Charter Oak Ranch Road

### Interstate 25 Safety & Efficiency Improvements Overview:

MAMSIP is comprised of four discrete road projects in the Pikes Peak region, all of which are strategically important in the movement of personnel and equipment between nationally significant military facilities. One of the four projects is the I-25 Safety & Efficiency Improvement project. Undertaking these improvements to I-25 will effectively improve mobility and safety outcomes along one of the state's busiest interstate corridors while concurrently ensuring economic vitality provided by this crucial north to south route is maintained.



#### Improvements:

- Replacement of two bridges crossing over South Academy Boulevard;
- Widening of both inside and outside shoulders and installing safety improvements;
- Concrete surface treatment overlay to provide an improved riding surface for this 7.5-mile segment;
- Installation of median barriers the entire length of this corridor;
- Maintenance work on four bridges along the corridor; and
- Lengthening of the deceleration lane at the interchange with Colorado Highway 16.

#### Safety Benefits:

Collectively, this work to the I-25 corridor will significantly improve safety through reduction in accidents, injuries, and fatalities. Replacement of bridges which have exceeded their useful life, as well as maintenance to more minor bridges along the corridor, will reduce scheduled and unscheduled maintenance and repairs on these infrastructure assets. In addition, introduction of the deceleration lane at the CO 16 interchange.

#### Bridge Replacements

Replacement of these bridges will result in significant improvements in operations and a reduction in maintenance costs over the life of these assets and ensure reliability for passenger, freight and vehicles utilizing the corridor. These replacement bridges will be designed for a 75 to 100-year life.

#### Shoulder Widening

This will reduce the occurrence of cars hitting the guardrail and bouncing back into the travel lanes. This will allow more room for emergency maneuvers and providing safer refuge for stopped vehicles and work crews.

#### Surface Treatment Concrete Overlay

Asphalt pavement along this 7.5-mile corridor shows signs of substantial pavement distress, including visible signs of longitudinal cracking, high levels of transverse cracking, and rutting.

#### Median Barrier Installation

Many fatal accidents have been the result of head-on collisions or vehicles veering into the median between the two directions of traffic. CDOT will install median barriers for the entire length of the corridor to mitigate against future traffic accidents of this type.

#### Deceleration Lane at CO 16 Interchange

Peak hour demand to enter Gate 20 often results in traffic queues which back up on I-25 and CO 16 off-ramps.

#### Lead Agency:

Colorado Department of Transportation – Region 2

#### Support Agency:

El Paso County

#### Project Background:

I-25 is the backbone of Colorado's vehicular mobility and freight movement and is the major north to south transportation corridor in the Pikes Peak region. The improvements to I-25 addressed in this project are located along an approximately 7.5-mile segment of the corridor beginning at South Academy Boulevard and extending to the Santa Fe Avenue (CO 85/87) exit at Fountain, which exits to Gate 19 of Fort Carson.

#### Project Schedule:

Completion: End of 2024

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