

## Maintenance of Traffic (MOT)

### Boyero US 40/US 287: Ports to Plains Highway

Lincoln County, Colorado

#### Project Overview

*This two-lane rural highway is a critical element of the Colorado portion of the Ports to Plains Highway, which spans from Laredo, Texas, to Denver, Colorado. Because of high truck traffic and high maintenance costs of asphalt, the Colorado DOT specified concrete pavement for the entire length. Most of the corridor uses a 10.75" concrete overlay on existing asphalt, although 12" concrete was used for full depth repairs of structures and for transitions to existing surfaces.*

#### MOT Factors

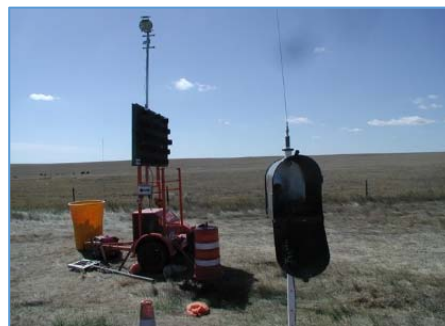
- Pilot car operations were used for traffic control, as detours would have presented site-distance issues and a three-phase lane closure strategy would have increased the project duration and would have presented safety issues.

- Construction equipment or materials were not allowed to use lanes open to traffic.
- Pilot cars were required to complete a full cycle in 25 minutes or less to minimize user delays.
- Exceeding the time limit would have resulted in fines or even work stoppage.

#### Traffic Control

- Workers, contractors, suppliers, etc. were required to use proper traffic control before entering the roadway.
- Flaggers and the pilot car driver were in constant communications with radios.

*Continued ...*



#### Fast Facts

##### Owner

Colorado DOT

##### Contractor

Castle Rock Construction

<http://www.castlerockconstructionco.com/>

##### Facility

Two-lane rural highway

##### Project Type

- Bonded concrete on asphalt
- Included reconstruction

##### Project Dimensions

- 8.28 miles long
- 40- ft. wide route was paved in 20 ft. passes

