



COLORADO
Department of Transportation

e-Learning & UPDATED Field Guide: *Guardrail Systems for Construction Engineers and Inspectors*

CDOT and Consultant Construction Engineers and Inspectors:

CDOT's Standards & Specifications Unit and the Transportation Engineering Training Program (TETP) released a new e-learning course in 2019, **Guardrail Systems for Construction Engineers and Inspectors**, which was accompanied by a **Field Guide**. This e-learning and field guide follow up and complement the mandatory instructor-led course called Guardrail End Anchorage Systems for Construction Engineers and Inspectors.

We strongly encourage all CDOT and Consultant Construction Engineers and Inspectors to take the e-learning and to download the **Guardrail Field Guide**.

About the Guardrail e-Learning

The course will help you critically approach the installation, repair, or replacement of guardrail end anchorages to ensure all elements are compatible and properly installed, and the basic design is appropriate. Topics include:

- An introduction to guardrail system design and crash testing
- CDOT's Manual for Assessing Safety Hardware (MASH) implementation
- The installation and inspection of guardrail terminal systems

IMPORTANT: A new version of the Guardrail Systems for Construction Engineers and Inspectors e-learning and the accompanying Field Guide was released in December 2021. Even if you've previously completed this course, you should still download and use [the updated version of the Field Guide](#).

How to take the e-Learning if you're a CDOT employee:

The course is available in the SAP Learning Management System (LMS) now. To take it:

1. Go to CDOT's **SAP Learning Management System (LMS)**
2. Log in with you SAP Portal user ID and password (Note: Same that you use to log into computer)
3. Under **Find Learning**, search for the course: *Guardrail Systems - Engineers & Inspectors*
4. To start the course, hover over the course, then click **Start Course**

TIP: To add the course to your **My Learning Assignments** page, hover over the course then click **Assign to Me**.

After completing the course, the details about the end anchorages, transitions and median terminals used in Colorado can be accessed in the downloadable field guide. You can access the Guardrail Field Guide from within the e-learning course. Or, you can download it from the [TETP web page on Learning Lane](#).

How to take the e-Learning if you're a consulting partner:

To register for any TETP course you can view program details here:

<https://www.codot.gov/programs/tetp>

After completing the course, the details about the end anchorages, transitions and median terminals used in Colorado can be accessed in the downloadable field guide. You can access the Guardrail Field Guide from within the e-learning course. Or, you can download it from the TETP web page: <https://www.codot.gov/programs/tetp>

Thank you,

Transportation Engineering Training Program (TETP)