

# 2010 CDOT Laboratory Manual of Test Procedures

## Introduction

The purpose of the Laboratory Manual of Test Procedures (LMTP) is to provide an official guide to CDOT personnel, consultants, and contractors for the uniform testing on CDOT projects for tests that are not normally performed by project personnel. It is not the intent to publish a complete summary of the testing methods and procedures. **Referenced AASHTO or ASTM test procedures are available through CDOT's internal website as a Materials / Geotechnical Resource.** This resource is not available to non-CDOT personnel.

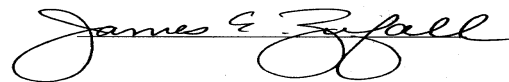
The manual is published in dual units using the Standard English units and the International System of Units (SI Modernized Metric).

The reproduction cycle for this manual will be every five years. **It exists as both a hard copy and is available in its entirety on both the internal and external CDOT website listed below (see Note 1).** Within this cycle revisions of an existing CP-L or the creation of a new CP-L will be posted on an established quarterly schedule of January, April, July, and October and within the first week of that month. When a new production run is required and there has been changes to CP-Ls the manual will be designated as Revision A, etc. as warranted until a new reproduction cycle begins. It is the LMTP owner's responsibility to ensure that this manual is current based on the web postings of all implemented changes.

We encourage efforts to develop better, more accurate, or faster methods of testing. Many of the Colorado Procedures for Laboratories are the result of suggestions from CDOT personnel, consultants, and the construction and paving industry. However, testing on a construction project must comply with the test procedures specified in the Contract.

Before new procedures can be utilized, the procedure must be reviewed and approved by the Materials Advisory Committee (MAC) and the FHWA. After review and approval of a new test procedure (CP-L) the procedure will be included in this manual and specified in future construction contracts. In addition, the procedure used must be the same as that specified in the project specifications. If this rule is not followed, the acceptance or rejection action cannot be supported and may result in legal rulings against the Division in cases of litigation.

If any questions arise concerning this Laboratory Manual of Test Procedures, telephone the Documentation Unit of the Central Laboratory at 303-398-6566 or submit either the *Review / Comment Form* or the *Comment / Correction Form* on the following pages.



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**Note 1:** CDOT Internal Web Address: <http://internal/infoexchg/organizations.cfm> (see Manual / ...)

CDOT External Web Address: <http://www.dot.state.co.us/DesignSupport/> (see Manuals)

**Note 2:** General correspondence (letters and envelopes) should be addressed to:  
4670 North Holly Street, Unit A, Denver, CO 80216-6408

Samples of materials, nuclear gauges, large packages, etc. should be addressed to or delivered to:  
4670 North Holly Street, Unit A, Denver, CO 80216-6408