

## Memorandum

*Making Conservation  
a California Way of Life.*

To: DEPUTY DISTRICT DIRECTORS, Construction  
DEPUTY DIVISION CHIEF, Structure Construction  
CONSTRUCTION MANAGERS  
SENIOR CONSTRUCTION ENGINEERS  
RESIDENT ENGINEERS

Date: October 21, 2022

File: Division of Construction  
CPD 22-12



From: RAMON HOPKINS, Chief  
Division of Construction

Subject: **DIME STATEWIDE IMPLEMENTATION**

This directive informs Caltrans Construction staff that all data from quality assurance and verification tests performed on behalf of the State of California listed below and performed after January 1, 2023 are required to be input into the Data Interchange for Materials Engineering (DIME).

Caltrans Materials Engineering and Testing Services (METS) developed DIME, which is a centralized, web browser-based database that allows Caltrans staff to submit material sample and test data associated with Caltrans projects and programs. This data includes material sample and testing information required to support material quality requirements. DIME's material testing database is used for engineering material acceptance decisions, improves the efficiency of time and resources in project delivery, and accelerates project completion by eliminating delays.

DIME will serve a critical role in project delivery by capturing, sharing, and notifying personnel of acceptance test data for materials across hundreds of projects statewide. This innovative solution supports Caltrans' value of strengthening stewardship and driving efficiency. Additionally, it provides opportunities to track and measure quality and compliance metrics at the project-level.

Currently Section 40, "Concrete Pavement," and Section 90-4, "Precast Concrete," of the *Standard Specifications* require quality control test data to be input into DIME by the contractor.

Caltrans Construction staff are required to input material sample and test data into DIME for the following 5 HMA and RHMA test methods:

1. AASHTO T 27
2. AASHTO T 308 Method A

3. AASHTO T 269
4. AASHTO T 275 Method A
5. AASHTO T 209 Method A

Additionally, Caltrans Construction staff are required to input material sample and test data into DIME for the following 5 concrete test methods:

1. ASTM C143/C143M
2. California Test 504/ASTM C231/C231M
3. California Test 557/ASTM C1064/C1064M
4. California Test 518/ASTM C138
5. California Test 521/ASTM C39/C39M

It is the option of Caltrans Construction staff to input additional material sample and test data that are not part of this directive.

All responsibilities to manage the DIME application will be executed by the Division of Engineering Services, METS. Training is available by contacting the DIME Administrator, [DIME@dot.ca.gov](mailto:DIME@dot.ca.gov).

Attached to this directive are the Implementation Plan for Initial DIME Rollout and a DIME One-Pager informing Caltrans staff on how to get started using DIME and a draft DIME usage compliance report.

For additional information or assistance related to DIME, please contact Brett Soldano, METS, at [Brett.Soldano@dot.ca.gov](mailto:Brett.Soldano@dot.ca.gov) or (562) 500-5861.

For additional information or assistance related to contract administration, please contact Ragu Thangavelautham, Division of Construction, Office of Construction Standards at [Raguparan.Thangavelautham@dot.ca.gov](mailto:Raguparan.Thangavelautham@dot.ca.gov) or (916) 764-8496.

Attachments:

1. Implementation Plan for Initial DIME Rollout
2. DIME District Labs One-Pager