



## **Caltrans® How to use the Job Mix Formula Verification Tool**

### **What is the Job Mix Formula Verification Tool?**

- The Job Mix Formula (JMF) Verification Tool is a web based application (available at [jmf.dot.ca.gov](http://jmf.dot.ca.gov)) developed by the California Department of Transportation, Materials Engineering & Testing Services (METS) to evaluate asphalt concrete mix designs for Type A Hot Mix Asphalt, Rubberized Hot Mix Asphalt – Gap Graded, and Open Grade Friction Course.
- JMF Verification Tool allows contractors to electronically submit JMF proposals and design data, and Caltrans District Labs the ability to verify JMFs.

### **What are the benefits of the JMF Verification Tool?**

- Automating JMF verification of test results.
- Statewide access to real-time JMF test data for Contractors and Caltrans personnel.
- Maintaining consistency in test records.

### **What test results can be submitted through the JMF Verification Tool?**

Sieve Analysis (AASHTO T27)

Sand Equivalent (AASHTO T176)

Fractured Faces (AASHTO T335)

Los Angeles Rattler (AASHTO T96)

Flat and Elongated Particles (ASTM D4791)

Agg. Specific Gravity (AASHTO T84/T85)

Sodium Sulfate Soundness (AASHTO T104)

Durability (AASHTO T210)

VMA, VFA (MS-2)

Asphalt Content (AASHTO T308)

Theoretical Maximum Specific Gravity (AASHTO T209)

Hamburg Wheel Track (AASHTO T324)

Moisture Susceptibility (AASHTO T283)

Specific Gravity of Asphalt (AASHTO T228)

Direct Shear Rheometer (AASHTO T315)

Viscosity (ASTM D445)

and more

### **How do I setup an account?**

You can access the JMF Verification Tool using your current existing DIME account credentials. If you do not have a login but your organization is already registered, please contact your DIME Organization Manager within your company. If your organization is not registered, you can apply for a new DIME organization account at the [DIME website](#).

### **Is there additional help available?**

Yes, there are instructions, FAQs, and example forms available on the website. You can also contact the JMF Submittal Administrator at [JMF.Submittals@dot.ca.gov](mailto:JMF.Submittals@dot.ca.gov) for further questions.