



BRIDGE CONSTRUCTION MEMO 120-6.0

FALSEWORK

April 30, 2008

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Volume II

CONTRACTOR STANDARD FALSEWORK DETAILS

Contractors typically use standard falsework details to supplement their project specific falsework plans. As an attempt to accelerate bridge construction Contractors have submitted their standard falsework details to Sacramento for approval.

The Sacramento office of Structure Construction has reviewed some of these details and has placed the reviewed Contractor's Standard Falsework Details, calculations, and the State's review calculations on the OSC Intranet site to facilitate a Structure Representative's review of a contractor's standard falsework details.

Considering the wide and varied usage of these details by contractors the Sacramento office of Structure Construction is offering the following practice for use by Structure Representatives when reviewing falsework with standard falsework details:

- Access the OSC intranet site
- Locate the Falsework Technical Team (intranet) Page
- Find the Contractor's Standard Details Link
- Find the detail indicated for use
- Review the detail and related calculations to ensure it matches your submittal and intended use.
- The limitation of use for the detail is shown, if your intended use is different, you may need to perform the check calculation yourself.
- Details on the standard falsework drawings should be listed on the falsework plans to ensure that only those details indicated to be used are reviewed and approved as part of the plan.

Use of a detail from a falsework standard details that is available on the website still requires the contractor to submit the standard details and supporting design calculations to the Engineer along with working drawings and calculations for falsework proposed for use at bridges.

The use of the standard falsework details available on the OSC Intranet are intended solely for the Structure Representative's use in checking falsework submitted by the contractor/owner of the standard falsework details. Use of a checked standard detail from the intranet for a set of plans submitted by another contractor is ethically improper and is not to occur.

The proper use of these standard falsework details and associated calculations requires a thorough understanding of the principles of civil engineering design, familiarity with falsework specifications and the use of sound engineering judgment.

Process for submission and review of Contractor Standard Falsework Details:

Contractor submits 6 sets of Standard Falsework Details and 3 sets of supporting calculations to:

Falsework Engineer
Offices of Structure Construction
Mail Station 9-2/11H
1801 30th Street
Sacramento, CA 95816

Falsework Engineer will perform an independent review of the Standard Falsework Details
This is an iterative process with the Contractor to determine “limits of use” for the individual details within the drawings.

Upon approval of the Standard Falsework Details, the drawings and supporting calculations (Contractor and State) will be posted on the OSC Intranet site.