

Shoring Systems Adjacent to Railroads

This attachment provides information and guidance on shoring systems that are adjacent to railroads. When shoring is adjacent to or crosses under a railroad, additional requirements must be complied with. Any shoring within the railroad right-of-way or which could affect railroad operation is considered adjacent. Refer to the specific requirements of the individual railroad.

The Structure Representative (SR) will check the shoring plans, and if necessary, return them to the Contractor for correction. After shoring plans and calculations have been reviewed by the SR and he/she is satisfied that the shoring plans meet specifications and railroad guidelines, the following items are to be sent to the Structure Construction (SC) Falsework Engineer (see [SC Headquarters Contacts](#)). Follow the procedure detailed in [BCM C-11](#), *Shop Drawing Review of Temporary Structures*, beginning within the procedure at step 2.f.

When the above noted data is submitted to the SC Falsework Engineer, it must be accompanied by a letter of transmittal in which the SR will list the information submitted, and state that the shoring plans and calculations have been reviewed and that they are considered to be satisfactory. The SC Falsework Engineer will review this data. The SR should not stamp the shoring plans "Authorized" until they have been notified that the railroad has reviewed and accepted the shoring plans.

Incomplete or unsatisfactory data will be returned to the SR for correction. Upon confirming that the plans and calculations are complete and satisfactory, the information will be forwarded to the railroad for their review and acceptance.

When the SC Falsework Engineer and railroad reviews are complete, the SC Falsework Engineer advises the SR that the railroad considers the shoring plans to be satisfactory. The SR will send a letter to the Contractor stating that the plans have been reviewed and authorized. This letter authorizes the Contractor to begin constructing the shoring. Note that the Contractor must not begin shoring construction until the authorization letter has been issued to the Contractor. (See Attachment No. 1, *Sample Authorization Letter*, for an example of a properly prepared shoring authorization letter.)