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Designer Note: Use when cribbing is required for the jacking and support of beams during bridge repair work. Discuss your particular situation with your Project Engineer and modify as needed. Traffic control should be included as a separate item. For Day Labor projects, the requirement for a Structural Engineer can be omitted. 7-1-94 Revised Section.

## **JACKING AND CRIBBING**

Effective January 1, 1994

Revised January 1, 2007

This item shall consist of all work and materials required for the construction and subsequent removal of cribs required to jack and support the beams while specified repairs are being made.

This work shall be done in accordance with the applicable portions of Sections 505 and 521 of the Standard Specifications and as herein specified.

The Contractor shall submit details of his proposed jacking systems and procedures for approval by the Engineer prior to commencing work. The Contractor's jacking plans shall be prepared and sealed by an Illinois Licensed Structural Engineer.

At any time during the bridge raising operations, the Engineer may require the Contractor to provide additional support or other measures in order to furnish an added degree of safety. The Contractor shall provide such additional supports or measures at no extra cost to the Department.

The Contractor shall assume all responsibility and be liable for any damage caused by improper supports for shoring in all cases. Neither added precautions nor the failure of the Engineer to order additional protection will in any way relieve the Contractor of his sole responsibility for the safety of lives, equipment, and the structure.

This work will be paid for at the contract unit price each for JACKING AND CRIBBING at the designated location.