

**Item No. 507  
Bulkheads****507.1 Description**

This item shall govern furnishing and installing plywood or end caps as a temporary utility plug at locations indicated on the Drawings or as directed by the Engineer or designated representative. The work will be placed in conjunction with installation of a pipe where a continuation of the utility system will be performed later.

**507.2 Submittals**

The submittal requirements of this specification item must include the type (wood, plastic, rubber, etc.) and application (pipe characteristics and location) of bulkheads.

**507.3 Material**

Plywood shall be construction grade,  $\frac{3}{4}$  inch thick and need not be new or treated. End caps may be plastic, vitrified clay pipe, rubber or concrete.

**507.4 Construction Methods**

After installation of the utility requiring temporary bulkheading, an end cap or a section of plywood, having dimensions at least six (6) inches in excess of the outside pipe diameter shall be attached to the exposed bell or spigot and backfilled immediately after installation. Care shall be exercised to prevent the backfill material from entering the pipe.

Bulkheads used with staged construction shall be sound, reasonably free of knots and warps and have a three (3) inch nominal thickness.

**507.5 Measurement and Payment**

Bulkheading will not be measured and paid for separately but shall be considered subsidiary to the pipe or manhole for which payment is made.

**END**