

---

## **[4318](#) Fill for Culverts used for Bridge Replacements with Restricted Height**

(This section last updated 01-22-15)

Since floodable backfill costs less than flowable mortar, designers should look at using Detail [4317](#) if possible. Designers will need to keep in mind that contractors need a minimum of 5 feet of vertical clearance to place floodable backfill. This means a minimum of 5 feet is required from the top of floodable backfill to bottom of beam or slab (depending on type of bridge). If this is not possible, Detail 4318 will be required.