

# LDCC Advantage



## Using LDCC as Backfill with...

### Reinforced Concrete Pipes (RCP) or Corrugated Metal Pipes (CMP)

Low-Density Cellular Concrete (LDCC) fills the areas around RCPs and CMPs, sealing the joints. This eliminates backfill infiltration and settlement issues typically associated with joint breakdown and leakage.



## Advantages

- Provides economic benefits
- Increased productivity over compacted backfills and flowable fills (CLSM)
- Reduces settlement concerns
- Reduces dead loads on the utility
- Reduces lateral loads
- Reduces the risk of pipe failure
- Reduces/eliminates the infiltration/exfiltration with joint failures
- Reinforces Bell & Spigot or Tongue & Groove joints
- Eliminates traditional backfill from infiltrating joints creating voids
- Prevents sinkholes and other infrastructure damage from occurring
- No compaction requirements, especially in the haunch of the project
- Adds insulating features



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