TOP 5 MISTAKES WHEN DESIGNING A BURIED CONCRETE PIPE

1. Relying on the installation more than the pipe
   #ProTip: No standard pipe? No worries. Work with a manufacturer for customized pipe.

2. Blindly using fill height tables
   #ProTip: Verify the table’s assumptions against your own and re-calculate, if necessary.

3. Using direct vs. indirect design
   #ProTip: If you can’t find reinforcement values in C76/M170, then perform a direct design.

4. Overlooking pipe joint requirements
   #ProTip: Find guidance for pipe joints from the ACPA and AASHTO R 82’s documents.

5. Cut-and-pasting specifications
   #ProTip: No two projects are the same. Start fresh or contact a producer or the ACPA for help.

Designing a buried pipe? Be sure to avoid these common—and potentially costly—mistakes.

For more information, go to concrepripe.org/design-apps to download Compare Flow and PipePac®.