

## CAST-IN-PLACE STORM DRAIN PIPE REQUIREMENTS

1. Revised hydraulic calculations, reflecting 0.014 for the pipe roughness.
2. Soils report addressing the feasibility of using Cast-in-place pipe including:
  - Trench wall stability
  - Existence of groundwater
  - Existence of expansive soils
  - Recommendation for using cast-in-place pipe
3. Structural calculations are only required if the fill over the pipe is less than three feet or greater than the recommended height from table 2.3 in the ACI 346-90.
4. Also see the cast-in-place design standards by Riverside County Flood Control for additional information and construction specifications.
5. A note on the cover sheet of the plans stating that the pipe shall be inspected and certified by a qualified inspector. A certification shall be give to Construction Inspection on the quality of the finished pipe. Video inspection may be required by Construction Inspection.