



## Standard Practice for Direct Design of Buried Precast Concrete Pipe Using Standard Installations (SIDD), ASCE 15-98

By American Society of Civil Engineers

American Society of Civil Engineers. Paperback. Book Condition: new. BRAND NEW, Standard Practice for Direct Design of Buried Precast Concrete Pipe Using Standard Installations (SIDD), ASCE 15-98, American Society of Civil Engineers, This revision of the ASCE Standard Practice for Direct Design of Buried Precast Concrete Pipe Using Standard Installations (SIDD) is a replacement of ANSI/ASCE 15-93. This Standard focuses on the direct design of buried precast concrete pipe using Standard Installations, and reviews the design and construction of the soil/pipe interaction system that is used for the conveyance of sewage, industrial wastes, storm water, and drainage. To account for the interaction between pipe and soil envelope when determining loads, pressure distributions, moment, thrust and shear, this volume presents the SIDD method for buried precast concrete pipe. Excavation, safety, foundation, bedding, sheathing removal and trench shield advancement are among those construction requirements for precast concrete pipe designed by the SIDD method that are presented here. This standard practice may be used as a reference in preparing project specifications based on the SIDD method. Four types of standard embankment installations and four types of standard trench installations are covered in the standard. The limits state design procedure specified for the design...

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