
CONSTRUCTION SPECIFICATION
INSTRUCTION FOR USE
CS-I-OR-051 CORRUGATED METAL PIPE

051.1 APPLICABILITY

Construction Specification CS-OR-051 is applicable to the installation of all types of corrugated metal pipe conduits.

051.2 MATERIAL SPECIFICATIONS

The following material specifications complement Construction Specification CS-OR-051:

- a) MS-OR-551—Coated Corrugated Steel Pipe
- b) MS-OR-552—Aluminum Corrugated Pipe

051.3 INCLUDED ITEMS

Items to be included in contract specifications and drawings follow:

- a) Line and grade of the conduit.
- b) Details of the pipe bedding including description and grading limits of the bedding material.
- c) Details of wall fittings, joint and other special pipe fittings.
- d) Details of struts or ties, as necessary.
- e) Considerations of OSHA safety requirements for trench excavation should be considered.
- f) Applicable material specifications.
- g) Type, class, size, gauge, and length of pipe.
- h) Type of coupling and gasket, if required. Coupling bands may be detailed on the drawings and described in section 11, or may be specified in section 11 by describing the performance requirements by reference to ASTM A 798, paragraph 8, Pipe Installation. Using ASTM A 798, joint water tightness may be specified per paragraph 8.2.4.6 Water tightness; however, the method of testing and the basis for determining acceptance is needed.

- i) Close riveting or double riveting, if required.
- j) Type of pipe coating, if required.
- k) Backfill requirements. Compaction requirements should be equal to requirements for the adjacent embankment for principal spillways or similar installations.

051.4 ITEMS OF WORK AND CONSTRUCTION DETAILS

Starting at the top of page 051-5, prepare and outline job specific "Items of Work and Construction Details" (IWCD) in accordance with these instructions.