

Section 4141. Corrugated Steel Culvert Pipe

4141.01 GENERAL REQUIREMENTS.

- A. Unless specified otherwise, meet the requirements of AASHTO M 36/M 36M for the following:
 - Circular corrugated steel culvert pipe, Type I.
 - Pipe arch shapes, Type II.
 - Coupling bands, special fittings, and associated hardware.
- B. The minimum sheet thickness will be shown in the contract documents.
- C. When the diameter of round pipe is elongated, increase one diameter by approximately 5%. Permanently mark each piece at least once inside and once outside to indicate the top.
- D. Types of approved coupling devices are described in [Materials I.M. 441](#). Joint types are standard and positive, and the type may be designated in the contract documents. When not designated, either type may be used.

4141.02 COATED CORRUGATED PIPE.

- A. Use pipe coated by either of the following methods:
 - 1. Meet the requirements of [Article 4141.01](#) and AASHTO M 245/M 245M, Type I. The polymeric coating is to have a minimum thickness of 0.010 inch (254 μm) on inside surfaces and 0.003 inch (76 μm) on outside surfaces.
 - 2. Aluminized pipe meeting requirements of [Article 4141.01](#) may be furnished.
- B. Repair, to the Engineer's satisfaction, breaks or damage to the coating that occur during handling or installation.