

**945 CORRUGATED ALUMINUM-ALLOY CULVERTS AND
UNDERDRAINS.
(REV 11-21-00) (FA 1-10-01) (7-01)**

ARTICLE 945-1 (Page 887). The first paragraph is deleted and the following substituted:

Aluminum-alloy culvert pipe and underdrains shall meet the requirements of AASHTO M 196 [AASHTO M 196M] and the additional provisions contained herein. Except for underdrain, corrugated aluminum pipe including pipe arch shall be fabricated with helical corrugations with a minimum of two annular corrugations formed into each end of each pipe to accommodate a coupling band. Annular fabrication is not permitted unless specifically called for in the plans or specifications. Provide certification of the actual mean diameter of pipe shipped to the project. Include in the certification the minimum and maximum diameters used to certify the actual mean diameter. The certification shall be attested to by a person having legal authority to bind the manufacturing company.

ARTICLE 945-1 (Pages 887-889) is expanded by the following:

When rubber gaskets are to be installed in the pipe joint, the gasket shall be the sole element relied on to maintain a tight joint. Test pipe joints at the plant hydrostatically using test methods in ASTM D 3212 [ASTM D 3212M]. Soil tight joints must be watertight to 2 psi [13.8 kPa]. Watertight joints must be watertight to 5 psi [34.5 kPa] unless a higher pressure rating is required in the plans.