



CORRUGATED METALLIC-COATED STEEL CULVERT PIPE, PIPE-ARCHES AND END SECTIONS MGS-91-11G

1.0 DESCRIPTION. These specifications cover the purchase of metallic-coated corrugated metal culvert pipe and appurtenances for maintenance purposes.

2.0 MATERIALS.

2.1 PIPE.

2.1.1 The pipe and connecting bands shall comply with applicable sections of [Specification Sec 725, 1020](#) and [1022](#), except as noted herein.

2.1.2 Unless otherwise noted in the bid request, the metallic coating may be either zinc or aluminum, as covered by the applicable specifications listed herein.

2.1.3 All pipe shall have either 2 2/3 by 1/2 inch or 3 by 1 inch corrugations.

2.1.4 The specified thickness of the coated sheet shall be any of those listed for the allowable overfill heights shown in Standard Plan 725.00A Table 1, for the pipe diameter specified and the corrugation used.

2.1.5 All pipe ends shall have 2 2/3 by 1/2 inch annular corrugations extending at least 4 corrugations from the pipe end. This will require re-rolling of ends for certain pipe.

2.1.6 Metal arch pipe B1 through B4 shall comply with the dimensional requirements of AASHTO M 36.

2.2 BANDS.

2.2.1 Unless otherwise noted in the order, bands shall be annular corrugated over the entire width of the band with 2 2/3 by 1/2 inch corrugations.

2.2.2 Unless otherwise noted in the order, all bands shall be a minimum of 24 inches in width.

3.0 ORDERING INFORMATION.

3.1 Specific diameter and quantity information for pipe and bands, and lengths for pipe, are to be shown in the order. Acceptable diameters are shown in [Specification Sec 725](#). Pipe lengths are to be in 2 foot increments.

3.2 Specific band information for type and width is to be shown in the order only if different from that specified herein. Alternate band types are dimple or formed, when allowed by the order.

3.3 If a specific metallic coating is desired, it is to be specified in the order for the applicable pipe and any applicable bands as "Zinc Coated" or "Aluminum Coated".

4.0 ACCEPTANCE. Material will be accepted in accordance with [Specification Sec 1020](#).