



6900 - 1 DESCRIPTION

- 1.01 The work shall consist of strutting a metal pipe culvert at the locations shown on the plans or designated by the Engineer.
- 1.02 Unless otherwise specified in the special provisions, only those sizes of corrugated metal pipe culverts shown on the plans shall be strutted.
- 1.03 All sizes of elliptical metal pipe culverts and structural plate pipe culverts shall be strutted.

6900 - 2 MATERIALS

- 2.01 The Contractor shall supply and pay for all strutting material.
- 2.02 Timber used for struts and sills shall be straight and free from warp.
- 2.03 Material, other than timber, used for struts will be subject to the approval of the Engineer.

6900 - 3 CONSTRUCTION

- 3.01 After the culvert has been assembled and placed in the prepared bed but before any backfill is placed, the full length of the culvert shall be strutted. The method of jacking shall be subject to the approval of the Engineer. The vertical dimension of the culvert shall be increased three (3) percent. A tolerance of three-quarter (3/4) percent will be permitted.
- 3.02 Elliptical culverts shall be strutted, but no increase in the vertical dimension will be required.
- 3.03 Struts shall be left in place until the culvert is backfilled and the entire embankment is constructed to grade, except that no struts shall be left in place during the winter season. The contractor shall not remove the struts within ten (10) days after the embankment is constructed.

6900 - 4 MEASUREMENT

- 4.01 Strutting Metal Pipe Culverts will be measured in metre of culvert actually strutted. Measurements will be taken along the invert parallel to the barrel of the culvert.

6900 - 5 PAYMENT

- 5.01 Payment for STRUTTING CORRUGATED METAL PIPE CULVERTS and/or STRUTTING STRUCTURAL PLATE PIPE CULVERTS and/or STRUTTING ELLIPTICAL METAL PIPE CULVERTS will be at the contract unit price per metre. The unit price will be full compensation for supplying material, strutting the culvert, and removing the struts.