



Part 1 General

1.1 DESCRIPTION OF WORK

- .1 Culverts as used in this Section shall include corrugated metal pipe culverts, reinforced concrete culverts, and plastic culverts.
- .2 This work shall consist of the removal, transportation and disposal of existing culverts. The work shall also include the backfilling of the existing culvert trench where required. The work shall be completed in accordance with the plans and specifications.

1.2 JOB CONDITIONS

- .1 All culverts to be removed shall be handled in such a manner not to damage the culverts. All culverts removed or replaced require a permit from Manitoba Conservation.
- .2 The Contractor shall be responsible for the hauling and disposal of the culverts within the limits of the Contract.

1.3 EXPLOSIVES

- .1 Explosives shall not be used without the consent of the Engineer. When consent is granted, it shall not relieve the Contractor of liability for any damage to persons or property resulting from the use of such explosives.

Part 2 Products

2.1 MATERIAL

- .1 Material to be removed is the existing culvert(s) with appurtenance (i.e. floodgate) or as shown on the plans or as directed by the Engineer.
- .2 When backfill material is required, the Contractor will supply the material for culvert installation.



Part 3 Execution

3.1 DESIGNATION

- .1 The Engineer (or as shown on plans) shall determine if a culvert is to be removed.

3.2 SALVAGEABLE CULVERTS

- .1 Culverts designated by the Engineer shall be removed. All culverts deemed salvageable shall be removed, cleaned, transported and placed on the right-of-way at the location designated by the Engineer. Salvageable metal culverts shall be dismantled and shall have all bolts and couplings removed in such a manner as to avoid damage to the culvert and couplers.

3.3 NON-SALVAGEABLE CULVERTS

- .1 Culverts designated by the Engineer shall be removed. Non-salvageable material from culverts (couplers, flood gates, surplus excavated material) shall be transported by the Contractor to a disposal site designated by the Engineer.

3.4 BACKFILLING

- .1 All trenches resulting from the removal and/or replacement of existing culverts, when so directed by the Engineer, shall be backfilled with material approved by the Engineer. The backfill materials shall be placed in layers not exceeding 150 mm and compacted to the satisfaction of the Engineer.