

Marginal Wharf Reconstruction
Foxtrap, NL
P/N: 721924

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PART 1 - GENERAL

- 1.1 DESCRIPTION .1 This section specifies the requirements for supply and install of pipe culverts as noted on the drawings, and includes the requirements for excavation, bedding and placing of the pipe and backfilling operations.
- 1.2 MEASUREMENT FOR PAYMENT .1 Pipe Culvert: Payment for pipe culverts will be measured by the liner metres of culvert supplied and placed in the work, as directed by the Departmental Representative. The intent is to direct surface water from the roadside ditch out through the front face of the wharf (coordinate all work with the Departmental Representative). Blocking sleeve in cribwork is to be considered incidental to the cost of the pipe culvert.
- .2 The costs for excavation, bedding and backfilling associated with the culverts is to be included in the unit price for Pipe Culvert.

PART 2 - PRODUCTS

- 2.1 CORRUGATED PIPE CULVERT .1 3.5mm thick, 68x13 corrugation profile, aluminized steel Type 2, corrugated steel pipe. Minimum stiffness: 320 kPa. Minimum outside diameter of 600mm.
- 2.2 GRANULAR BEDDING AND BACKFILL .1 Granular bedding and backfill material: As noted on the drawings.

PART 3 - EXECUTION

- 3.1 TRENCHING AND BACKFILLING .1 Trench line and depth requires Departmental Representative's approval prior to placing bedding material on pipe.
- .2 Do not backfill until pipe grade and alignment checked and accepted by Departmental Representative.

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- 3.2 DEWATERING .1 The Contractor shall provide, at his own expense, all means of keeping the excavations free from water which affects the satisfactory placing of the pipe.
- 3.3 BEDDING .1 Place approved granular material on bottom of excavation and compact to minimum 95% of corrected maximum dry density, as noted on drawings.
- .2 Shape bedding to fit lower segment of pipe exterior so that a width of at least 50% of pipe diameter is in close contact with bedding, free from sags or high points.
- 3.4 BACKFILLING .1 Backfill around and over culverts as directed by Departmental Representative.
- .2 Place approved backfill material in 150 mm layers to full width, alternately on each side of culvert so as not to displace it.
- .3 Compact each layer to 95% of corrected maximum dry density, taking special care to obtain required density under haunches.
- .4 Frozen materials are not acceptable as backfill or cover material.
- 3.5 PROTECTION FROM TRAFFIC .1 Prior to allowing the movement of construction equipment or any vehicular traffic over the area of the culverts, obtain Departmental Representative's approval.
- 3.6 CO-ORDINATION .1 Co-ordinate the placement of culvert with the Departmental Representative while in the field. Do not place culverts in the work area until work plan has been determined by Departmental Representative. Installation to be in accordance with the manufacturer's instructions.