



## BRIDGE TECHNICAL DIRECTION BTD2008/08

### *PROVISION OF CONDUITS IN BRIDGE TRAFFIC BARRIERS*

#### **Background**

Provision of conduits in bridge traffic barriers for future electrical or telecommunication cables on new bridges on major roads has been specified in several Design and Construct Contracts. This Bridge Technical Direction extends the practice to all new RTA bridges, to existing bridges where new concrete traffic barriers are provided, and to all bridges that will become the property of RTA.

#### **Information and Bridge Technical Direction**

Concrete elements of bridge traffic barriers must contain a minimum of one 100 mm diameter UPVC conduit and suitable fittings in addition to any conduits that may be provided for utilities or lighting at the time of construction of the bridge.

At bridge sites where there are twin bridges such additional conduits need only to be provided in the outside parapet (i.e. the parapet located furthest from the median) of each bridge or a single bridge if an existing bridge is being duplicated.

**References:** Material of the conduits and fittings shall conform to BPC2006/05.

**Effective date:** 25/02/2008

**Approved:** Wije Ariyaratne  
Principal Bridge Engineer

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