

Technical Circular T-4/93

September 16, 1993

TO: All Regional Directors
All Branch Directors
All District Highways Managers

Subject: Concrete Roadside (690 mm) and Median (810 mm) Barriers.

Background:

The full scale crash testing of the Ministry's roadside and median barrier resulted in joint separations when impacted at the desired energy levels. The joint separation was due to flattening of the steel hook (i.e., the steel hook pulled out of the steel eye).

Purpose:

To strengthen the joint by increasing the diameter of the steel "hook" from 25 mm to 32 mm. The steel "eye" will remain at 25 mm diameter.

Procedure:

Effective immediately, all purchase orders for precast concrete barriers, submitted by Ministry staff, are to make reference to the July 1993 revision of the Ministry's Standard Specification drawings in the SP 323 series, calling for the increased diameter of the hook bar from 25 mm to 32 mm.

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