



भारतीय सड़क कांग्रेस

कामा कोटी मार्ग, सैक्टर 6, रामा कृष्णा पुरम,
नई दिल्ली - 110 022 (भारत)

INDIAN ROADS CONGRESS

Kama Koti Marg, Sector 6, R.K. Puram,
New Delhi - 110 022 (India)

दूरभाष (Tele.):

महासचिव (Secretary General): +91 (11) 2618 5303

सचिवालय (Sectt.): 2618 5315, 2618 5319, 2617 1548,
2618 5273, 2671 6778

फैक्स (Fax): +91 (11) 2618 3669

NOTIFICATION NO. 59 Dated 28 November 2009

Subject: Amendment No.1 to IRC:SP:65-2005 “Guidelines for Design and Construction of Segmental Bridges”.

IRC:SP:65-2005 “Guidelines for Design and Construction of Segmental Bridges” was first published in July 2005.

The Indian Roads Congress has decided to bring out Amendment No.1 to the above document. Accordingly, the following Amendment No.1 is notified herewith.

Clause No.	For	Read
5.4 : Title	Design for Ultimate Shear	Design for Ultimate Shear and Torsion
5.4.4	New Clause	Torsion in Segmental Construction The treatment of torsion shall be in line with the provisions of IRC:18 except for precast segmental construction. In precast segmental construction, it may not be possible to provide continuous longitudinal untensioned reinforcement. At any cross section, where the axial tension due to torsion and bending exceeds the compression due to prestressing and bending, supplementary tendons to counter the tension shall be added. The supplementary tendons shall be distributed around the perimeter of the precompressed tension zone inside the closed stirrups. At least one tendon shall be placed near each corner of the stirrups in the precompressed tension zone. For the purpose of calculation of torsional capacity, the factors given in clause 5.4.2 shall apply.

This Amendment No.1 shall be effective from 1st December 2009.

(R.P. Indoria)
Secretary General