

7.0 References

- ABDEL-HAQ, A. H. (1987) Analysis and design of box culverts. Ohio University.
- AHMED, A. O. M. (2006) Implementation of structural design of concrete box culverts using the elastic analysis. UOFK.
- AHMED, A. O. M. & ALARABI, E. (2011) Development formulation for structural design of concrete box culverts. *Practice Periodical on Structural Design and Construction*, 16, 48-55.
- BSI. (2006). BS 5400 : part 2 - Specification for Loads.
- BSI (2003) Eurocode1-Action on Strucutures-part2 -Traffic Load on Bridges.
- BSI (2008) UK National Annex to Eurocode 1 : Actions on Strucutures : Part 2 - Traffic Loads on Bridges. BSI.
- AHEMED, A., 2006. *Implementation of Structural design of concrete box culvert using elasitic analysis*, s.l.: Univerity of Khartoum.
- Atkins, 2004. *Background to the UK National Annexes EN 1990 & EN 1991-2*, s.l.: The Highways Agency.
- Bond, A. & Harris, A., 2008. *Decoding Eurocode 7*. New York: Taylor & Francis.
- Bouassida, Y. et al., 2012. *Bridge Design to Eurocodes Worked Example*. s.l.:JRC.
- Brooker, O., Jackson, P. A. & Salim, S. W., 2009. *Concise Eurocode 2 for Bridges*, s.l.: The Concrete Center.
- BSI, 2004. *Eurocode 2 - Design of Concrete Structures (Part 1-1) General Rules and Rules for Building*, s.l.: BSI.
- BSI, 2004. *Eurocode1: Action on Structures*, London: British Standad Insititute.
- BSI, 2006. *BS 5400 : part 2 - Specification for Loads*, s.l.: s.n.
- BSI, 2007. *UK National Annex to the Eurocode 2 : Design of Concrete Structures , Part 2 Concrete Bridges and detailing Rules*. s.l.:BSI.
- Calgaro, J. A., 2008. *Traffic Load on Road Bridges and Footbridges*, Brussels: CEN.

CEN, 2005. *Annex A2 : Applications for bridges (Normative)* , Brussels: European Committee for Standardization.

CHANDRASIRI, B. & JAYASINGHE, M. (2001) Rehabilitation of steel bridges in Sri Lanka.

Chinthaka S.S.L.D, B. K., 2018. Optimisation of Box Culverts. *Annual Session of Institute of Engineers Sri Lanka*, pp. 67-74.

Clark, L., 1983. *Concrete Bridge Design to B.S.5400*. London: Construction Press.

Denton, S., 2010. *Bridge Design to Eurocodes: UK Implementation*. London, Institution of Civil Engineers.

DMRB, 2001. *BD 31/01 The Design of Burried Concrete and Portal Frame Structures*, London: Highway Agency.

DMRB, 2016. *The use of Eurocodes for the Desgin of Highway Structure BD 100/16*, s.l.: Highways England.

EUROCODE, C. (1991) 1: Actions on structures. Part 2: *Traffic loads on bridges*. Brussels:, European Standard EN.

FEIRUSHA, S. (2015) Simulation of 3d modeled box culvert and search the maximum and minimum values of the principal stresses. 4-11.

GUNAWARDENA, Y., OHASHI, H., YAMAHANA, Y. & NOHMI, T. (2015) Design of the new extra-dosed bridge over the Kelani River.

HENDY, C. R., SANDBERG, J. & SHETTY, N. K. Recommendations for assessment Eurocodes for bridges. *Proceedings of the Institution of Civil Engineers-Bridge Engineering*. Thomas Telford Ltd.

K.GARG, A. & ABOLMAALI, A. (2009) Finite Element Modeling and Analysis of Rainforced Concrete Box Culverts. *Jounal of Transportation Engineering*.

KDOT (2007) Bridge Design Manual. Version 9/13 ed., Kansas Department of Transportation.

KIM, K. & CHAIH.YOO (2002) Design Loading for Deeply Buried Box Culverts. Alabama, Highway Research Center,Auburn University.

M. A. Masrom, L. D. G., 2020. *Comparative study of bridge traffic loadings*. s.l., s.n.

MDOT (2013) Box Culvert Design Example. Minnosta Department of Transpotation.