

REFERENCES

- AbdulMuttalib Issa, M., Allawi, A. A., & Oukaili, N. (2024). Performance of doubly reinforced concrete beams with GFRP bars. *Journal of the Mechanical Behavior of Materials*, 33(1)
- Bader, E. H., Saade, J. M., Rahman, M. K., Vidal, O. D. S., Al-Abduljabbar, S. A., Hameed, M. S., & Majali, Z. N. E. (n.d.). *The Heart of Innovation in SPARK, Saudi Arabia*.
- BS 5400 Part 2-2006 Specification for loads*. (2006).
- BS 5400 Part 4-1990-Code of Practice for Design of Concrete Bridges*. (1990).
- Canales, M. (2018). *Parametric Study And Long Term Structural Health Monitoring Of Link Slab Performance In A Prestressed Concrete Bridge*.
- Canales, M. (2019). *Performance Study of Link Slab Continuity in Prestressed Concrete Bridges* [Doctor of Philosophy, Louisiana State University and Agricultural and Mechanical College].
- Caner, A., & Zia, P. (1998). Behavior and Design of Link Slabs for Jointless Bridge Decks. *PCI Journal*, 43(3), 68–80.
- Case Study: Eliminating Bridge Joints with Link Slabs—An Overview of State Practices*. (2020).
- Eduardo, A. V. S., Muhammad, K. R., Sami, A.-G., Jihad, S., Mesfer, M. A.-Z., & Antonio, N. (2022). A Monumental Flood Mitigation Channel in Saudi Arabia. *Stroitel'nye Materialy*, 3, 32–41.
- Gergess, A. N. (2019). Analysis Of Bonded Link Slabs In Precast, Prestressed Concrete Girder Bridges. *PCI Journal*, 64(3).

- Gergess, A. N., & Hawi, P. F. (2019). Structural Behavior of Debonded Link-Slabs in Continuous Bridge Decks. *Journal of Bridge Engineering*, 24(5).
- Haikal, G., Ramirez, J. A., Jahanshahi, M. R., Villamizar, S., & Abdelaleim, O. (2019). *Link Slab Details and Materials*. Purdue University.
- Ho, E., Eng, P., Lukashenko, J., & Eng, P. (2011). *Paper prepared for presentation at the Session*.
- Kinjawadekar, T. A., Patil, S., Nayak, G., & Kumar, S. (2023). *Flexural behavior of reinforced concrete beams with steel and GFRP reinforcement*. In Review.
- Lepech, M. D., & Li, V. C. (2009). Application of ECC for bridge deck link slabs. *Materials and Structures*, 42(9), 1185–1195.
- Pilakoutas, K., Guadagnini, M., Neocleous, K., & Matthys, S. (2011). Design guidelines for FRP reinforced concrete structures. *Proceedings of the Institution of Civil Engineers - Structures and Buildings*, 164(4), 255–263.
- Reyes, J. (2011). *Precast Link Slabs For Jointless Bridge Decks*.
- Saber, A., & Aleti, A. R. (2012). Behavior of FRP Link Slabs in Jointless Bridge Decks. *Advances in Civil Engineering*, 2012, 1–9.
- Shafei, B. (2018). *Material Design and Structural Configuration of Link Slabs for ABC Applications*.
- Sugihardjo, H. (2011). *Seismic Response On Jointless Composite Retrofitted Bridges Using Link Slab*.
- Tharmarajah, G., Taylor, S. E., Cleland, D. J., & Robinson, D. (2015). Corrosion-resistant FRP reinforcement for bridge deck slabs. *Proceedings of the Institution of Civil Engineers - Bridge Engineering*, 168(3), 208–217.

- Tran, N. L., & Graubner, C.-A. (2010). *Nonlinear Analysis of Continuous Concrete Bridge Systems made of Precast Prestressed Girders and Link Slabs*.
- Wing, K. M., & Kowalsky, M. J. (2005). Behavior, Analysis, and Design of an Instrumented Link Slab Bridge. *Journal of Bridge Engineering*, 10(3), 331–344.
- Xiao, Y., Chen, Z., Zhou, J., Leng, Y., & Xia, R. (2017). Concrete plastic-damage factor for finite element analysis: Concept, simulation, and experiment. *Advances in Mechanical Engineering*, 9(9).
- Yang, E.-H., Li, V. C., & Qiu, J. (2015). Early Age Cracking in a SHCC Bridge Deck Link Slab. *Forensic Engineering 2015*, 746–755.
- Zaki, E. C. B., & Saade, M. (2017). . *S S E S L Modulus I September 2017 Research & Development Design Considerations For Rc Members Using Gfrp Bars*.