Title

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a Affiliation

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**Abstract.** Abstract goes here.

**Abstract.** Large Span Propping System is a new type of system proposed for the erection of reinforced concrete composite slab with lattice girders in view of improving erection efficiency, combined with the application status in China. In order to study its performance, both in-situ monitoring and numerical simulations were conducted. The monitoring results show that the stress and deformation of the prefabricated layer of the composite slab can meet the requirements of the current Chinese codes, indicating the feasibility of the new propping system, and the bending stiffness of prefabricated layer can be fully utilized. The simulation results show that the stiffness of the lower support frame of the propping system is small, the deformation of which should be considered in the design and installation of propping system. The stability analysis shows that the propping system is prone to lateral instability along the direction of lattice girders. And proper measures should be used to enhance the stability of the system, such as setting cross braces or tie with vertical members.

**Keywords.** Keyword, keyword

# Introduction

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**Figure 1.** Short caption.

**Table 1.** Long caption. Long caption. Long caption. Long caption. Long caption. Long caption. Long caption. Long caption. Long caption

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| **Column1** | **Column2** | **Column3** |
| –10.2 | 10.2 | 10.2 |
| 5.36 | 6.32 | 6.32 |
| –5.7 | 5.7 | 0.326 |

  (1)

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