

The traditional Thai three-tier wingspread roofed bridge: an architectural structure with cultural and spiritual significance

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Abstract

This research concerns a splendidly covered traditional Thai timber bridge in Thailand's Nonthaburi province, north of the capital Bangkok. The bridge is located in the province's *Bang Kruai* district, where most residents are orchard farmers who live in the Thai-style wooden houses alongside the canals. Besides, the Buddhist faith of local residents is palpable. The bridge cover is of the three-tier wingspread roof and was modeled after traditional Thai-style houses. The bridge is 2 meters wide and 15 meters long, physically and spiritually linking *Bang Kruai* residents with a Buddhist temple on the other side. In essence, this research article describes an ingenious infusion of the traditional Thai architectural element into the spatial organization of the covered timber bridge.

Keywords: Timber-Bridge, Cultural Bridge, Thai traditional architecture, three-tier wingspread roofed bridge