

# NEW DESIGNS OF RAILWAY STATION FOOTBRIDGES

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## Summary

In 2018, Network Rail set out on a programme of improving its offer of approved designs for the railway environment. The objective was to develop designs for railway stations that are accessible, user friendly and not too imposing. A particularity of the UK legislation is a requirement for station footbridges to be covered and protected from the weather. This has recently resulted in some very bulky and unattractive footbridges in stations throughout the network. By the end of 2019, Network Rail oversaw the initiation and approval of two new footbridge designs: The Beacon and the Ribbon that were designed collaboratively by reputable UK architects and engineers. Concurrently with this activity, an international Station Footbridge competition was launched in collaboration with the Royal Institute of British Architects. This competition resulted in 120 designs being submitted and was won by Danish designers with a design called the Frame. By the end of 2020, the range of approved design options increased to three, with each option having a covered and an uncovered design variant.

With a five-year delivery programme of building approximately 100 new bridges by 2024, Network Rail is very proud of this achievement and would like to share the story of this design journey.



*Fig. 1. The Beacon*



*Fig. 2. The Ribbon*



*Fig. 3. The Frame*

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