

Abstract

Continuous running track on a viaduct structure.

The present invention describes a continuous running track (5) intended to be supported by a bridge structure (1) comprising at least two bridge segments (4) and a load-bearing structure to support said segments (4), the running track (5) comprising:

- a continuous slab (50) extending from one end to the other of said bridge (1) and intended to rest on an upper surface of said segments (4);
- an antifriction layer (55) situated beneath the continuous slab (50), intended to act as an interface between the upper surface of said segment (4) and the lower surface of the continuous slab (50), said antifriction layer (55) defining a slip plane for said continuous slab (50);
- a crossing plate (53) situated beneath the continuous slab (50), positioned so as to extend from one end of a segment to the end of another directly adjacent segment;

said running track (5) being characterized in that it comprises at least one anti-lift device (54) intended to be fixed to a segment (4), capable of limiting a movement of said slab (50) in a direction N perpendicular to the slip plane while providing for freedom of movement of said slab (50) on the slip plane.

Figure 1