

ABSTRACT

The embodiments of the present invention disclose a longitudinal connecting structure of an assembled sleeper slab-type or track slab-type ballastless track structure, a ballastless track structure including the longitudinal connecting structure, and an assembly method for the ballastless track structure. Pre-embedded longitudinal steel bars are longitudinally connected through an extrusion sleeve. Coupling ends of the two longitudinal steel bars are respectively inserted into two ends of the extrusion sleeve, and the extrusion sleeve is deformed and performs a locking action under extrusion of a portable extruder. The embodiments of the present invention can improve the accuracy of on-site paving construction, facilitate disassembly and installation, decrease construction difficulty, increase speed of on-site construction, and has a simple configuration, which facilitates the positioning of the sleeper slabs or the track slabs.

[Figure 4]