

ABSTRACT

Distance measurement means measures a distance from a measurement point to a construction gauge in a route of a track. A range identification unit identifies whether or not a measurement point falls within a predetermined range from the construction gauge based on the measured distance. A ground feature identification unit identifies whether or not the measurement point is a measurement point of a feature on a ground. Drawing means draws in a plan view (18) a measurement point identified as a measurement point of a feature on the ground by the ground feature identification unit among the measurement points, and draws in side views (19, 20) a measurement point identified as not a measurement point of a feature on the ground. The drawing means performs different drawing processes on a measurement point identified as falling within the predetermined range from the construction gauge among the measurement points and on a measurement point identified as not falling within the predetermined range from the construction gauge among the measurement points. As a result, whether or not there is a structure approaching or entering the construction gauge can be easily checked over a wide range of the track.