

SURVEY METHOD, SURVEY SYSTEM, AND PROGRAM

ABSTRACT

The present invention provides a technique that enables efficient observation in accordance with a landform with a simple operation in route survey setting or observation of a managed section as-built part. In a survey method using a position acquiring device (30) that acquires position coordinates of a worker and a mobile terminal (50) capable of communicating with the position acquiring device (30), the mobile terminal (50) sets an advancing direction of observation and a first measurement point in three-dimensional design data, and makes the position acquiring device (30) acquire position coordinates of the worker, the mobile terminal (50) guides the worker to the first measurement point, makes the position acquiring device (30) acquire position coordinates of the worker at the first measurement point, and sets a point nearest from the first measurement point in the advancing direction as a second measurement point, and after that, a position of the worker, setting of a next measurement point, and guidance to the next measurement point are repeated.

Fig. 5