

ABSTRACT

Provided is a method for inspecting surface deformation of a structure which enables easy measurement of the amount of deformation of the surface of a structure protection sheet attached to the surface of a structure such as concrete. The method for inspecting surface deformation of a structure includes: identifying a structure protection sheet attached to a surface of a structure using an individual identification means; digitally photographing a surface of a resin layer on an outermost surface of the structure protection sheet using a digital photography means; measuring a dimension of the surface of the resin layer based on image data obtained in the digital photography using a dimension measuring means; and calculating an amount of deformation of the surface of the resin layer based on data of the measured dimension using a calculation means.