

The invention relates to engineering geodesy. Method for control of elevation marks for deformation marks is based on photoelectric registration of respective position of three neighboring marks. At that photo-electric measuring device (PED) is connected to fit construction of deformation mark, light emitters are connected to the neighboring at both sides of PED deformation marks and light fluxes from light emitters are directed to objective of the PED with measurement of difference of angular deflections of light emitters in field of vision of the PED, then the PED is placed to the neighboring mark in direction of level pass, and light emitters are placed to the neighboring in pass marks as well, with implementation of measurement like the previous one. After that one repeats those operations in whole level pass, and by the differences of angular deflections of images of light emitters obtained for all the deformation marks, with the marks on the support reference points included one calculates and compares the values of the elevation marks of deformation marks with comparison of those values to values of measurements obtained in previous sequential cycle. Technical result is in decrease of manual operations due to exclusion of visual measurements, this makes it possible to obtain substantial technical-economical effect.