Now, despite of broad submission about a constitution of earth entrails as about essential nonuniform mediums, the definition of the fast-track characteristics elastic environment under the seismic data is still considerably widespread within the framework of so-called one-dimensional models of environments. The methods of the solution of a problem of definition of velocity of seismic waves on its travel-time for one-dimensional models of environments are well advanced and are grounded mostly on inversion formulas. However is far from being for any experimental hodograph it is possible to determine a fast-track function on inversion formulas. For this purpose it is necessary, that the travel-time curve had property of convexity. In this presentation the method of construction an approximating cubic spline - function presenting the arbitrary experimental travel-time to a view indispensable for applying of inversion formulas is submitted.