

REVIEW OF TEMPERATURE EFFECT ON PAVEMENT BY FALLING WEIGHT DEFLECTOMETER (FWD)

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Abstract: FWD is used to evaluate the physical properties of the pavement. FWD is primarily used to estimate pavement structural capacity for overlay design and to determine, if a pavement is being overloaded. The equipment is highly recommended for highways, local roads, airport pavements. Pavement temperature is one the important parameter that influence the falling weight deflectometer (FWD). In this paper we study different research paper about the temperature effect on the pavement.

Keywords: FWD, pavement surface, empirical value, flexible pavement, temperature