

NCHRP 1-46 Handbook for Pavement Design, Construction and Management

The National Cooperative Highway Research Program (NCHRP), under Project 1-46, recognized a need to develop ready-access to a wide array of new and useful information on pavements. These topics include pavement structural design and analysis, drainage provisions, traffic load spectra, material utilization/conservation, surface characteristics, construction practices, pavement evaluation, pavement type selection, life-cycle cost analysis, rehabilitation, and preservation. NCHRP selected Applied Pavement Technology, Inc. (APTech) to develop the *Handbook for Pavement Design, Construction, and Management*, which will be prepared in an interactive-electronic, easily editable format and considered for adoption by AASHTO.

The handbook is intended to help agencies keep up with the changes in the pavement profession. This goal will be accomplished by assembling current information from a number of different sources and packaging it in a single-source format that makes it readily accessible and easy to update. The project will result in the development of an interactive handbook that practitioners can use to research pavement-related topics in order to obtain the most current guidelines in a particular technical area or to expand their knowledge of the design, construction, preservation, rehabilitation, and management of pavement structures.