

Illinois Department of Transportation Pavement Preservation Guidelines for the Bureau of Local Roads and Streets



Applied Pavement Technology, Inc. (APTech) consulted with agencies around the nation to provide practical recommendations for the development of a pavement preservation policy for the Illinois Department of Transportation (IDOT) to use at the state and local levels. As a subconsultant to H.W. Lochner, Inc. for this IDOT research initiative, APTech solicited a number of agencies that have been progressive in implementing such policies, including the state transportation departments of Nebraska and Minnesota, along with the transportation department of the county of San Diego, California.

APTech developed policy recommendations and preliminary pavement preservation guidelines for IDOT's interstate highway system and local roadway systems. The final report included recommendations about pavement preservation treatment types for IDOT's consideration, as well as the process for selecting an appropriate treatment. APTech used its extensive in-house library and other resources to conduct a comprehensive literature review of federal and state DOT pavement preservation policies and guidelines for inclusion in the final report.

The recommendations of the report built on work conducted by the Bureau of Design and Environment and the Bureau of Materials and Physical Research to create a guidelines chapter for the Bureau of Local Roads and Streets (BLRS) Manual. Recommendations were developed to be applicable to the variety of agencies—from small townships to large counties—that use the BLRS Manual. A separate chapter was developed to direct pavement preservation strategies at the state level for all districts. To complement the pavement preservation recommendations, APTech developed pavement management implementation recommendations for local agencies