Project Title: C-06-21: Performance of Cold In-Place Recycling in NYS

PIN: [69x709]
Responsible Unit: Engineering Division, Technical Services Office
Project Manager: Smith, David L.

Project Goal:
1. Establish an expected service life based on the performance of CIPR in New York State.
2. Recommend improvements to current Department standards to improve the quality of

Actions Proposed:
1. Collect and review all attainable information dealing with the relevant aspects of CIPR in New York State. Construct a database including all pertinent design and construction information for all CIPR projects constructed in New York prior to 2005.
2. The Materials Bureau will conduct a preliminary evaluation of existing CIPR projects and select ten for detailed investigation. Perform a pavement evaluation of each location according to the procedures of the Department's “Pavement Rehabilitation Manual, Volume 1: Pavement Evaluation,” Appendix 2A of the Comprehensive Pavement Design Manual (CPDM). Develop a detailed work plan for analyzing the data compiled to determine the factors most critical to CIPR service life.
3. Based on the results of the analysis above, develop a final report recommending changes to the current Department standards which can be made to improve the service lives of CIPR pavements. Submit a final report that documents the entire research effort.

Anticipated Work Products and Accomplishments:
1. An Access-format database for all NYSDOT CIPR projects.
2. Final Report

Proposed Budget: $200,000