Lecture #11:

Example of Working System
- Basic Features of Working Systems
- Network Level Examples of PMS
- The ILLINET (Illinois Interstate Highways Network Management System) Program

Demonstration of ILLINET Program

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Looking Ahead (LTPP)
- Demo of LTPP Data Request Program
- Analyzing Special Problems
- Application of Expert Systems and New Emerging Technologies
- Institutional Issues and Barriers Related to PMS Implementation
- Future Directions and Need for Innovation in Pavement Management

Brief Demo of the TKUPAV Program (NSC Project: New Stress Analysis and Thickness Design Procedures for Jointed Concrete Pavements)

(Lee, Y. H., et. al., "Modified PCA Stress Analysis and Thickness Design Procedures")

Homework:

ILLINET

Handouts:

1. Hall, K. T., Y. H. Lee, M. I. Darter, D. L. Lippert (1994), "Forecasting Pavement Rehabilitation Needs for the Illinois Interstate Highway System," TRR 1455, pp. 116-122.

2. Mohseni, A. (1991), "Alternative Methods for Pavement Network Rehabilitation Manage-ment," Ph.D. Thesis, University of Illinois, Urbana. (Appendix B: ILLINET User's Guide)