TRB TRANSPORTATION RESEARCH BOARD

# Predicting Travel Time Reliability: Methods and Implications for Practice

August 17, 2010

Session Duration: 90 minutes

Highway travel time can be unpredictable, particularly when unexpected congestion occurs. To assist traffic managers with predicting travel time and improving reliability, TRB's second Strategic Highway Research Program (SHRP2) is developing a project that explores analytic procedures to better determine congestion impacts. Audience members will learn about methods to characterize highway reliability patterns, various reliability-related performance measures, and ways to conduct before-and-after studies when strategies are applied to improve reliability and reduce congestion. The panelist will provide an overview of a statistically-based model that can predict the changes in reliability after the implementation of improvements. The webinar is useful for practitioners who are interested in both research and practical approaches to improve congested highways.

Session presenter: Richard Margiotta, Cambridge Systematics

Moderated by: Bill Hyman, Transportation Research Board