Reliability Based Inspection and Rating Intervals

July 2009 Update
Completed Research

“A Method for Determining the Interval for Hands-on Inspection of Steel Bridges with Fracture Critical Members”

– November 2008
– Dr. Rob Connor

Status: Under review by FHWA
ALTERNATIVE APPROACH TO DETERMINING INSPECTION FREQUENCY.

Not later than 2 years after the date of enactment of the Surface Transportation Authorization Act of 2009, the Secretary, in consultation with the States, shall develop and establish an alternative approach for determining bridge inspection frequencies based on factors such as condition, structure type, and age of the structure. In developing the approach, the Secretary shall combine different levels of inspection intensity and scope with clear standards for inspector education, training, and qualifications to achieve effective inspections, improvement in the quality of inspections, and efficient resource utilization.
Ongoing Research

Dr. Glenn Washer....