

7.2.1

Improving Safety through Guide Rail Management

Presenter

Bob Pliszka, PMP, GISP

Senior Associate/Regional Director

JMT Technology Group

BPliszka@jmttg.com

Co-Presenter

Numerous counties in the State of New Jersey have developed comprehensive guide rail management systems as a direct result of traffic fatalities that were attributed to guide rails that do not comply with FHWA standards. This presentation will focus on the development of a Guide Rail Asset Management System for Burlington County, NJ. The purpose of the system was to help improve roadway safety by providing a means for the County to develop a proactive plan for addressing guide rails that failed to meet FHWA standards and to identify locations where guide rails were warranted but did not exist. The presentation will review the development of the project geodatabase & data collection application, as well as provide an overview of the required technical support, data collection, quality control, and post processing requirements and methods.

Bio(s):

Mr. Pliszka is the Regional Director for the JMT Technology Group representing a variety of New Jersey and Pennsylvania-based clients. He has 15 years of professional experience and holds a Master of Science in Geographic Information Systems.