

Collision Hazard Analysis for Commuter/Intercity Rail Service

Program Description

The purpose of this Collision Hazard Analysis Project is to support Federal Railroad Administration (FRA) Commuter Rail System Safety Program Plan initiative.

- Provide information and processes on conducting a collision hazard analysis
- Assist in developing effective mitigation strategies that will enhance passenger rail safety.



Schedule

- Initial Visit to TriRail to Review the System January 2006
- FRA Project Team revisit Tri-Rail to review the hazard analysis progress and provide technical assistance as needed to complete the process
- Develop a Roll Out Presentation for introducing the Hazard Management process to Senior Management
- Develop a Roll Out Presentation for introducing the Hazard Management process to the Expert Hazard Analysis Team
- Implement Revised Guidelines with Virginia Railway Express (VRE)
- Assist the RSAC General Passenger Safety Task Force Group

Lessons Learned

- Tri-Rail lessons learned report published positive results
- VRE Lessons learned in progress

Strategic Goals and Benefits:

- A primary objective of this project is to evaluate the draft guideline by applying it to a commuter rail property and develop information and processes to introduce the collision hazard analysis program to a more expansive audience.
- Pilot projects will be used to determine that the methodology works and can be easily adopted/applied to a commuter railroad and to introduce the final version of the guideline to the industry.
- The final guideline will essentially document FRA's suggestion on how an acceptable collision hazard analysis for commuter railroads should be structured and applied.
- The desired outcome is that the commuter rail properties would commit to conducting a collision hazard analysis within a year based on the guideline.