

Railroad Signage Ergonomics



Project Description:

The design of equipment and environments to fit human capabilities is an important element of improving safety in any industry. This project is currently examining the design of railroad wayside signage to determine the minimum requirements needed to ensure that signs can be read at normal operating speeds and environmental conditions, and to provide a higher degree of consistency in railroad signage such as is accomplished in highway signs by the MUTCD

Railroad Impact:

Improve safety of rail operations by setting standards for signage:

- readability at normal operating speed
- consistency of size, shape, color, placement
- replacement characteristics

FRA Task Monitor: Tom Raslear, RDV32

Schedule:

- **FY07-08** – Examination of current characteristics of wayside signage
- **FY08-09** – Write manual on suggested design standards
- Coordinated with AREMA.