



Jeffrey F. Paniati, P.E.
Executive Director & CEO
Institute of Transportation Engineers

Prioritizing
Safety =

Safety Culture
+
Safe System



A Community of Transportation Professionals

SAFE SYSTEM EXPLANATION

Safe Roads and Safe Speeds

- Seeking **safety** through the aggressive use of **roadway design and operational changes**.
- Fully integrating the **needs of all users** (pedestrians, bicyclists, older, younger, disabled, etc.) of the transportation system.



A Community of Transportation Professionals

Two Key Elements

**Anticipating
Human
Error**

**Accommodating
Human Injury
Tolerance**



What It Will Take to Achieve a Safe System

Traditional

Novel

Using what we know works

Trying & evaluating new ideas



SAFE SYSTEM FRAMEWORK

Anticipating Human Error

- Separating Users in Space
- Separating Users in Time
- Increasing Attentiveness and Awareness

Accommodating Human Injury Tolerance

- Reducing Speeds
- Reducing Impact Forces



RESOURCES

Prioritizing Safety

www.ite.org | www.nsc.org

- Safety Culture 101 Webinar
- Introduction to Safe System Webinar
- Safe System Explanation, Framework, and Resources
- Safe System Podcast