



SYSTEM SAFETY

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The 3 Es of Traffic Safety

- Engineering
- Education
 - Project Celebration
 - Friday Night Lights
- Enforcement
 - Click-it-or-Ticket
 - Drink. Drive. Got to Jail.

Organizational Changes

- Director of Engineering and Safety Operations
 - Adopt holistic approach
 - Change culture
- Traffic Safety Division

Organizational Commitments

- Safety Certification for Transportation Project Professionals
- Adopted Texas Strategic Highway Safety Plan

Promote Safety - Champion a culture of safety.

Utilizing Crash Data

- Heat maps
 - High speed facilities
 - Areas of concern
 - Monitor over time
 - Pedestrian
 - Bicycle
- Test and upgrade hardware to current standards

Leveraging Funding

- Blend funding
 - Fewer work zones
 - More efficient use of resources
- Change eligibility
 - Category 6 - Bridge
 - Category 8 - Safety

Measuring Effectiveness

- Created Council on System Safety
 - Internal workgroup
 - External partners
- Developing a project scoring tool
 - Establish scoring criteria
 - Score each project

Approximately 1/3 of all project expenditures is directly related to safety.

Accountability

- Integrated system safety
 - 4-year pavement plan reviews
 - Peer reviews
- Mapping of inventory
 - Rumble strips
 - Median barriers
- Dashboards

Future Changes

- In Progress
 - Update Roadway Design Manual
 - Changes in work zone speed limits process

Recommendations

- Commit to zero fatalities vision by 2050
- Support
 - Road to Zero Coalition
 - Vision Zero Coalition
 - Others
- Set annual goals and targets

“It always seems impossible until it’s done.”

Nelson Mandela