



# HIGHWAY SAFETY IMPROVEMENT PROGRAM

# BACKGROUND

- Highway Safety Act of 1966
  - 1<sup>st</sup> major federal effort at highway safety – set standards
  - FHWA/NHTSA shared responsibilities
- Highway Safety Act of 1973
  - Railway-Highway crossings, high hazard locations, etc.
- Surface Transportation Assistance Act of 1978
  - Consolidated Railway-Highway, hazard elimination programs

# BACKGROUND

- Surface Transportation Program 1992-2005
  - Hazard Elimination/Railway-Highway Crossing were 10% set aside
- Safe, Accountable, Flexible, Efficient Transportation Equity Act SAFETEA-LU- 2005
  - Highway Safety Improvement Program became core Federal-Aid program.
  - Reduce fatalities/injuries through infrastructure improvements
  - High Risk Rural Roads established
  - Strategic Highway Safety Plan required



# HSIP today

- Data driven, strategic approach to improving safety
- 23 CFR 924
- Programs within HSIP program
  - *Strategic Highway Safety Plan (SHSP)*
  - *Railway-Highway Crossings (RRX)*
  - *High Risk Rural Roads (HRRR)*
  - *Reporting Requirements (HSIP Reports)*

# Why have HSIP?

- Legislation started in 1960s for a reason
  - fatality rate 5.6 per 100 million VMT, climbing towards 50,000 dead nationally
- Today more live because of past efforts
  - fatality rate 1.88 per 100 million VMT
  - 37,261 dead nationally - 2008
  - 388 dead in WV - 2008
- **Zero Fatalities!**

# HSIP today

- HSIP

- West Virginia ~ \$11 - \$12 mil/yr.
- “all public roads” - powerful
- Planning process - SHSP
  - Consistent with long-range STP and STIP
  - MPOs eligible
  - Data collection, analysis
  - Must coordinate - Performance-based; “behavioral, infrastructure”
- Most 90%; 100% on some – roundabouts



# HSIP ELIGIBLE PROJECTS

- Roadside obstacle elimination
- Intersections
- Pavement/Shoulder Widening
- Rumble Strips; edge/centerline
- Skid-resistant Surface at Intersection
- Ped/Bicyclist Safety improvements
- **Traffic calming – do you know where speeding occurs? What about MPO?**



# ELIGIBLE PROJECTS

- Signage/Pavement Markings
- Guardrails, Barriers, and Crash Attenuators
- Structures retrofit to reduce/eliminate hazards
- Other projects – Tom Hammonds





# POTENTIAL HSIP PROJECTS

- DOH Districts
- MPOs
- Others Divisions / Agencies
- **YOU!**