HIGH RISK RURAL ROADS (HRRR)

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OVERVIEW

• WHAT IS HRRR?
  • HRRR PROGRAM APPLICATION GUIDELINES

• PROJECT ELIGIBILITY

• HOW PROJECTS ARE EVALUATED FOR SELECTION

• PROJECT FUNDING
WHAT IS HRRR?

- **High Risk Rural Roads (HRRR)**
  - **Federal Program to Reduce the statewide fatality rate on rural roads**
  - **Not an annual program, triggered by the state fatality rate of rural roads**
  - **Set amount of HSIP money obligated to rural roads**
    - FY 2019 – 2021: $4,124,978 (each year)
    - Any HRRR money not obligated is lost

- **High Risk Rural Roads Program Application Guidance**
  - ALDOT Homepage/Local Transportation Bureau/Operations section
PROJECT ELIGIBILITY

- **Project Must be located on:**
  - Rural major collector, rural minor collector, rural local road
  - State, County, and City owned roads are all eligible to compete for HRRR funding

- Projects may be located inside of an urbanized area as defined by the US Census provided the roadway and surrounding area is rural in nature

HOW PROJECTS ARE EVALUATED FOR SELECTION

- **Systemic Risk Based approach vs Crash Hotspot based approach**
  - Identifies “problems” based on roadway design, volume, location, etc
  - Proactive vs Reactive
  - Prevent crashes before they happen vs chasing crashes after they happen

- Maintenance related projects will not be considered
  - Projects with right-of-way acquisition and utility relocation will generally not be considered or will be given a low priority
HOW PROJECTS ARE EVALUATED FOR SELECTION

- Projects will be evaluated and prioritized by the selection committee

- Priority will be given to projects that:
  - Reduce the potential of drivers leaving their lane
  - Reduce the potential of a crash if a driver does leave their lane
  - Minimize the severity of a crash if one does occur

- Projects generated from Local Road Safety Plans

- While the above project types will be prioritized in the FY 2021 program, all projects meeting the HRRR eligibility requirements are eligible and will be considered

HOW PROJECTS ARE EVALUATED FOR SELECTION

Roadway / Lane Departure Projects

- Super Elevation Corrections
- Sloped Pavement Edge
- Rumble Strips
- Enhanced Curve Signing
- Enhanced Delineation
- Shoulder Widening
- Clear Zone Improvements
- Front Slope Corrections
- High Friction Surface Treatments

Other Project Types

- Traffic Control
- Unshielded Bridge Ends
PROJECT FUNDING

- **Projects will have a 90% federal / 10% local split**
- **Projects do not have a maximum amount of award**
  - **Low cost proven countermeasures**
  - **Sponsor Contributing greater than the required 10% match**
- **Projects may be completed by**:
  - **Contract through state services**
  - **By force account work**
  - **Annual Bid Contract**
- **All projects must follow the Local Transportation Procedural Guidelines for federally funded projects (Section 4)**
- **FHWA authorization must occur within the fiscal year**

APPLICATIONS

- **Call for applications started June 1st 2020**
- **Application deadline was August 31st 2020**

- **Selection Committee Members**
  - **Local Transportation Bureau**
  - **Design Bureau - Traffic Safety Operations**
  - **FHWA**

- **Applicants notified of award during October**
APPLICATIONS

- Transmittal Letter Summarizing Project
- HRRR Fact Sheet
- Cost Estimate
- Location Map
- CARE Portal Crash Data
- Traffic Counts
- Pictures
- Reiker Data for Horizontal Curves
- Supporting Data Referenced in the Manual for Selecting Safety Improvements on High Risk Rural Roads

High Risk Rural Roads
**FY 2021 APPLICATIONS**

- **FY 2021 AVAILABLE FUNDING:** $4,124,978

- **27 COUNTIES SUBMITTED APPLICATIONS**

- **28 TOTAL PROJECTS SUBMITTED - $6,384,870**

- **21 PROJECTS AWARDED (UNOFFICIAL RESULTS)**
  - **13 GENERAL SAFETY PROJECTS - $3,816,919**
    - Shoulder Widening, Rumble Strips (edge and center), Enhanced Delineation
  - **8 UNSHIELDED BRIDGE END PROJECTS - $825,642**
  - 15 STRUCTURES
FY 2019-2021 PROGRAMS

- **Available Funding:** $12,374,934
- **112 Total Projects Submitted - $19,053,500**
- **85 Projects Awarded**
  - **34 General Safety Projects**
  - **51 Unshielded Bridge End Projects**
    - **164 Structures**

HIGH RISK RURAL ROAD PROGRAM (HRRR)

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