Eligible Federal Funding Programs

- Surface Transportation Program
- Highway Bridge Replacement and Rehabilitation
- Highway Safety Improvement Program
- High Risk Rural Roads Program
- Railway-Highway Grade Crossing Program
- Road Safety Assessment
- Transportation Enhancement
- Safe Routes to School

Surface Transportation Program

- The Surface Transportation Program (STP) provides flexible funding that may be used by States and localities for projects on any Federal-aid highway, including the NHS, bridge projects on any public road, transit capital projects, and intracity and intercity bus terminals and facilities.

- Projects must be included in MPO/COG Transportation Improvement Program (TIP)

- STP funded projects require a minimum of 5.7% local share
Highway Bridge Replacement and Rehabilitation Program

- Funds are used for replacement of structurally deficient or functionally obsolete highway bridges or to rehabilitate the structural integrity of a bridge.
- Funds may be also be used preservation activities (i.e., seismic retrofit, scour countermeasures)
- Bridges must be included in the statewide inventory to eligible for funding.
- Funding is distributed on first come, first serve.

Highway Bridge Replacement and Rehabilitation Program

- Maximum federal participation of $1 million for replacement and rehabilitation projects.
- Systematic preservation projects are $250,000
- 20% match required by local agency

Highway Safety Improvement Program

- The specific purpose of the HSIP is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads within the state.
- Projects need correct or improve a hazardous road location or feature, or address a highway safety problem.
- Eligibility approval is required on a project prior to authorization of federal funds
- Local match is required 5.7%, some projects may be eligible for 100% us of federal funds
IMPROVE ROADWAY SAFETY

- Milled in shoulder and edge line rumble strips
- Milled in centerline rumble strips
- Milled in transverse rumble strips
- Incorporate Safety Edge on pavement projects
- Install roadside delineation for guardrail, barriers and obstacles
- Upgrade guardrail end treatments – conversion or upgrading to energy absorbing systems
- Upgrade pavement markings (wider and/or more durable materials)
- Upgrade raised/recessed pavement markers
- Upgrade to audible thermoplastic markings (cookies)
- Sign inventory/management systems to include prioritization and construction of signs
- Upgrade regulatory, warning and guide signs (including compliance with new reflectivity requirements)
- Establish or upgrade mileposts and milepost system/additional reference markers

Types of Projects Continued

- **IMPROVE SIGNALIZED INTERSECTION SAFETY**
  a. Converting from 8-inch incandescent to 12-inch LED signal heads
  b. Upgrade street name signing
  c. Advance street name signing

- **IMPROVE UNSIGNALIZED INTERSECTION SAFETY**
  a. Upgrade STOP sign – larger and/or retroreflective upgrade
  b. Advance stop ahead pavement marking

- **IMPROVE PEDESTRIAN/BICYCLE SAFETY**
  a. Pedestrian crosswalk countdown signals
  b. Upgrade pedestrian crosswalk pavement markings
  c. Enhanced school crossing signals, signing and/or pavement markings
  d. Provide mid-block crosswalk advance stop bars
  e. Provide pedestrian refuges/under passes

High Risk Rural Road Program

- Approximately 55% of the state’s fatalities occur on rural roads.
- Purpose of this program is to reduce fatalities and incapacitating injuries along our rural corridors.
- Eligibility approval is required on a project prior to authorization of federal funds.
- Local match is required 10%, some projects may be eligible for 100% use of federal funds.
- Funds may be used for construction and operational improvements
Railroad/Highway Grade Crossing

- This federal program is available to improve highway safety at qualified public rail-highway grade crossing locations and is administered by the ADOT Utility & Railroad Engineering Section.
- Local governments should submit a request to ADOT Utility and Railroad Engineering Section to initiate project development for a railroad crossing project.
- Surface work require 10% local match, (crossing surface replacement, approach work, pavement markings)
- Signal work, not local match is required.

Road Safety Assessment

- A formal safety performance examination of an existing or future road or intersection by an independent multidisciplinary team.
- Team studies the location from an variety of perspectives uncovering road safety issues and identifying opportunities for improvements in safety for all road users.
- Can be conducted at any stage of a project, scoping, and planning.
- Benefits – proactively address safety, implemented countermeasures decrease crash frequency and severity, identify low cost/high value improvements.

Transportation Enhancement

- Federal program for projects above and beyond the typical transportation project
- 12 eligible activities, projects must relate to "surface transportation"
- An enhancement local project may be funded to a maximum of $750,000 funds.
- Competitive application process
- Minimum 5.7% local match required
Transportation Enhancement

1. Provision of facilities for pedestrians and bicycles
2. Provision of safety and educational activities for pedestrians and bicyclists
3. Acquisition of scenic easements or historic sites
4. Scenic Highway Programs including the provision of Tourist and Welcome Center Facilities
5. Landscaping and other scenic beautification
6. Historic preservation
7. Rehabilitation of historic transportation buildings, structures, or facilities (including historic railroad facilities and canals)
8. Preservation of abandoned railway corridors (including the conversion and use thereof for pedestrian or bicycle trails)
9. Control and removal of outdoor advertising
10. Archeological planning and research
11. Environmental mitigation to address water pollution due to highway runoff or reduce vehicle-caused wildlife mortality while maintaining habitat connectivity.
12. Establishment of transportation museums

Safe Routes to School Program

- Competitive program to improve the ability of students to walk and bicycle to school
- Projects must be within 2 miles of an elementary or middle school on a public road
- Requires no local match, a reimbursement program that requires upfront funding.
- Infrastructure projects – sidewalk improvements, pedestrian/bicycle crossings, bike parking facilities
- Non-infrastructure projects – public awareness campaigns, traffic education and enforcement