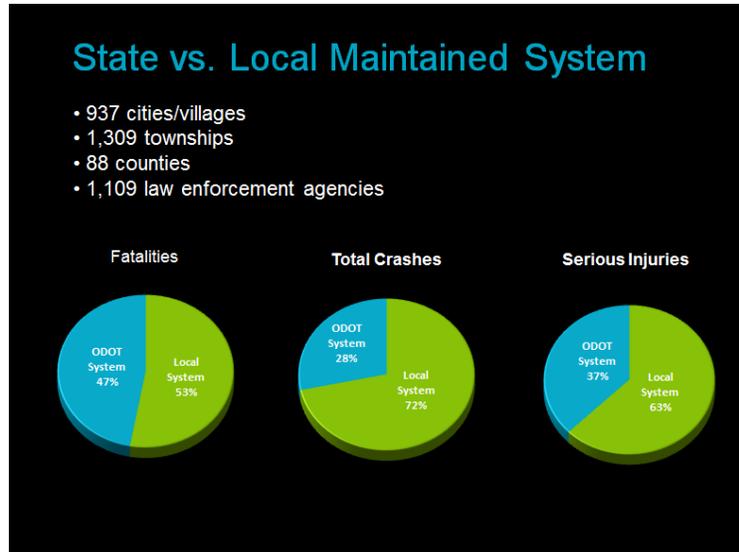


Other Highway Safety Programs

The Ohio Department of Transportation works with local and state organizations to make investments that improve safety on all public roads. These collaborative efforts are critical because Ohio roads are maintained by ODOT and a vast network of villages, townships, cities and counties, with varying levels of expertise and available funds.



As part of ODOT's Highway Safety Improvement Program, the department works with Metropolitan Planning Agencies, the County Engineers Association and the Local Technical Assistance Program to offer technical and funding assistance for the following complementary programs and initiatives:

ODOT and MPO Priority Lists

ODOT requires its 12 district offices to study and address priority locations on the state highway system. In addition, many MPOs produce priority safety lists and work with local governments to study and recommend improvements, and apply for federal and state safety funds.

ODOT Signal Timing Program

ODOT provides free consultant assistance to ODOT District Offices and local communities to analyze and upgrade the signal timing in corridors with a significant number of intersection crashes. ODOT gives priority to those corridors on the statewide or MPO priority lists or locations with a crash pattern that can be linked to poor signal timing. Requests for assistance can be made through the local ODOT district office.

Adaptive Signal Technology

ODOT has selected up to 10 pilot locations for evaluation. Adaptive signal control technology adjusts the timing to accommodate changing traffic patterns and ease congestion. Conventional signal systems use pre-programmed, and can't adjust to traffic demand.

Wavetronics

ODOT is reviewing high-speed, signalized intersections with a high-number of angle and rear-end crashes. These intersections may be candidates for wireless traffic signal detectors that measure the distance and speed of approaching vehicles. The detectors use the data to pick the safest time to adjust traffic signals from green to yellow.

Systematic Safety

Since 2006, ODOT has been increasing its investments in systematic safety improvements, which are low-cost safety treatments that can be implemented across many miles for thousands of dollars. These treatments include median cable barrier on major freeways, edge line rumble stripes on high-speed rural roads, enhanced signage on curves, and reflective back plates on traffic signals at busy intersections. The department sets aside about \$10 million to \$20 million each year for these safety improvements because national studies have shown these types of treatments can significantly reduce crashes. A few examples include:

- **Curve Sign Upgrade Program**

ODOT is upgrading the signs at 840 state-maintained curve locations. Districts Offices can choose from a menu of sign template options that encourage the use of bigger, more reflective signs and provide more advanced warning to motorists.

- **Township Sign Upgrade Program**

Working through LTAP, ODOT has set aside up to \$1M annually to provide Ohio townships with funding to upgrade safety warning signs at intersections and curves. Townships are prioritized for funding based on the number of crashes and can request up to \$50,000 in funding. Ohio LTAP administers the program and has developed quick, easy-to-use contracting methods and processes to implement the improvements.

- **Wet Pavement Priority Locations**

ODOT annually reviews the top 20 statewide locations with a high number of wet pavement, fixed object crashes. Every third year, ODOT reviews the top 10 locations within each ODOT district. ODOT staff can select from a menu of treatment options to address problem locations, including milling the surface to roughen the pavement texture, and various overlays to the pavement surface to restore friction or skid resistance to acceptable levels.

County RSA Program

ODOT is working with LTAP and Ohio county engineers to perform roadway safety audits on corridors with serious injury and fatality rates that exceed the statewide average. Recommendations are funded through ODOT's Highway Safety Improvement Program.

County Engineers Association Safety Set Aside

ODOT sub allocates \$12 million annually to the County Engineers Association of Ohio to make safety improvements on the county road network. This funding is available for spot safety improvements and systematic safety improvements such as guardrail, pavement marking and sign improvements that prevent or lessen the severity of intersection and roadway departure crashes on roadway segments and curves.

For more information, contact the **Highway Safety Program Manager:**
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