



**John Bartlett**  
 Passaic County Freeholder  
 NJTPA Trustee

**Horizontal  
 Curve High  
 Friction Surface  
 Treatment and  
 Centerline  
 Rumble Strips**

**Funding awarded:  
 \$3,502,702**

**SYSTEMIC IMPROVEMENTS**

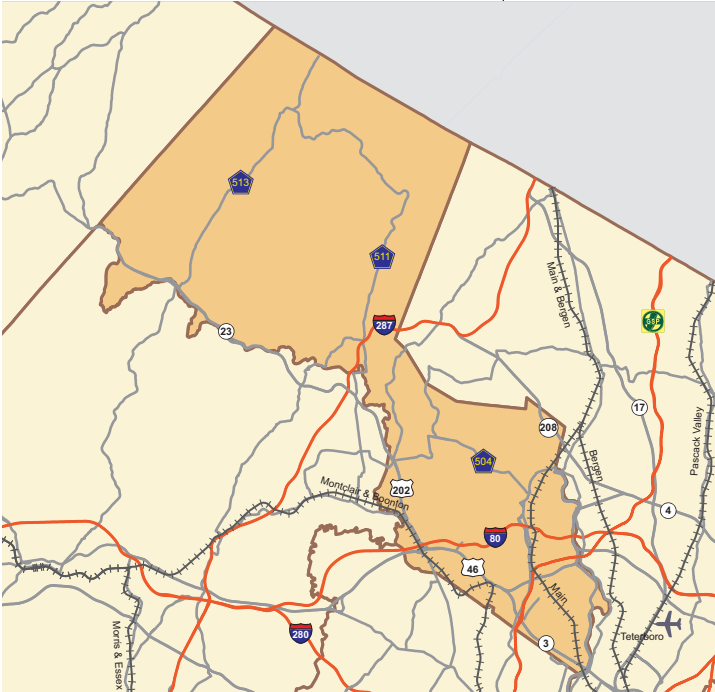
**Project Details**

Passaic County received two grants through the Local Safety Program (LSP): \$3 million for horizontal curve high friction surface treatments on various curved roadways and \$502,702 to install 76 miles of centerline rumble strips on 27 roadways.

There are higher crash rates at horizontal curves, which are more gradual than sharp turns. Vehicle speed, distracted driving and driver error are usually contributing

factors in these crashes. High friction surface treatments reduce skidding, allow drivers to better maintain control of a vehicle in wet and dry road conditions and have been shown to reduce the crash rate.

Centerline rumble strips are installed in the center line of a paved roadway. They create bumps in the road surface, which alert inattentive drivers through vibrations and sound that their vehicles have left the travel lane.



**About Systemic Improvements:** Systemic projects are implemented at locations with similar characteristics, which make the sites a higher risk for crashes. The locations are selected following a system-wide screening of the roadway network.

**Local Safety Program:** The LSP specializes in cost-effective, “quick fix” solutions that can make an immediate impact on their target areas. The LSP is a federally funded program established by the NJTPA, in conjunction with the New Jersey Department of Transportation, to advance safety initiatives on county and local roads. For more information visit [www.njtpa.org/LocalSafety](http://www.njtpa.org/LocalSafety)