

CIA TEAM

SAFETY

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EDC – 5

Reducing Rural Roadway Departures



U.S. Department of Transportation
Federal Highway Administration

Safe Roads for a Safer Future
Research to Reduce Traffic Injury and Death
<http://safety.fhwa.dot.gov>

Making Our Roads Safer

ONE COUNTERMEASURE AT A TIME

 Roadside Design Improvement at Curves	 Reduced Left-Turn Conflict Intersections	 Systemic Application of Multiple Low Cost Countermeasures at Stop-Controlled Intersections	 Leading Pedestrian Interval	 Local Road Safety Plan
 USLIMITS2	 Enhanced Delineation and Friction for Horizontal Curves	 Longitudinal Rumble Strips and Stripes on Two-Lane Roads	 Median Barrier	 Safety Edge _{SM}
 Backplates with Retroreflective Borders	 Corridor Access Management	 Dedicated Left- and Right-Turn Lanes at Intersections	 Roundabouts	 Yellow Change Intervals
 Medians and Pedestrian Crossing Islands in Urban and Suburban Areas	 Pedestrian Hybrid Beacon	 Road Diet	 Walkways	 Road Safety Audit

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Reducing Rural Roadway Departures

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COMBATING RURAL ROADWAY DEPARTURES

New Jersey
March 16, 23, & 30, 2021

Federal Highway Administration 20 YEARS OF SERVICE
RESOURCE CENTER

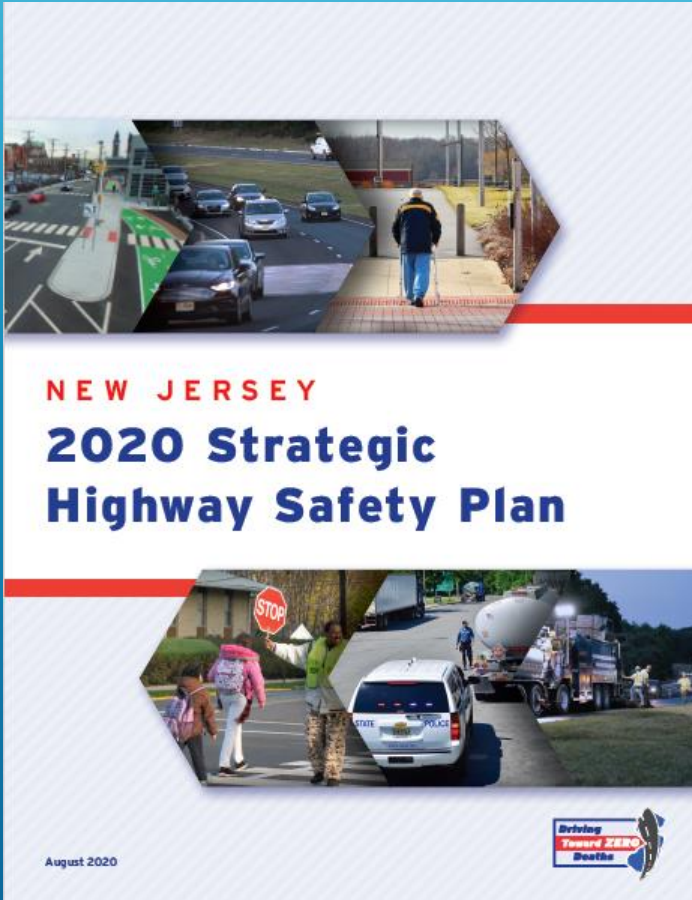
EDC

FoRRRWD
Focus on Reducing Rural Roadway Departures

FSI by Functional Class

Functional Class	<=25 mph	30-45mph	45+ mph
Interstate	1	5	444
Freeways	2	27	388
Principal Arterial	54	416	429
Minor Arterial	135	476	240
Major Collector	68	206	186
Minor Collector	7	19	13
Local	40	50	34
Other	459	395	113

Safe Transportation for Every Pedestrian (STEP)



Goal:
Eliminate pedestrian and bicyclist fatalities and serious injuries on all public roads.

Noteworthy Practice: State of New Jersey Includes Equity in SHSP

As part of its 2020 SHSP, the State of New Jersey included equity as one of the 5 E's of safety in addition to engineering, education, enforcement, and emergency medical services/emergency response. The following is from the New Jersey 2020 SHSP:

"This plan prioritizes equity in highway safety. To this end, and for the first time, we created an emphasis area team that is dedicated to ensuring that all strategies and activities emanating from this plan fairly and equitably consider all users and communities, particularly those that are historically disadvantaged, such as minority populations, economically depressed communities, and those that are differently abled."⁵¹