ISLE OF WIGHT
Safety Action Plan

Countermeasures Toolkit



Crash Type: Excessive Speeding

Crashes that occur when vehicles speeds are in excess of the posted speed limit which causes a driver to lose control and reduces reaction time.

Potential Treatments:

| Context Sensitive Speed Limits



Description: Slower speed limits that are appropriate for a road's functional classification, surrounding land uses, and activity level (level of current or future pedestrian and bicycle activity on a roadway) is essential for reducing speed-related accidents on the road. A speed study which uses a context zone classification system to help determine the appropriate speed limit of the roadway, which is set on factors such as building density, land use, setbacks, and the presence of pedestrian facilities.
Source: City Limits Quick Guide - NACTO

| Enhanced Curve Delineation



Description: Enhanced curve delineation can be helpful for controlling speeding on high-speed curves, through the use of pavement markings, curb markers (chevrons), or advanced warnings.
Source: https://highways.dot.gov/safety/proven-safety-countermeasures/enhanced-delineation-horizontal-curves

| Speed Safety Cameras



Description: Speed safety cameras are a highly effective means of enforcing speed limits on high-speed roads. In Virginia, speed cameras are allowed in work zones and school zones.
Source: https://highways.dot.gov/safety/proven-safety-countermeasures/speed-safety-cameras

Diver Feedback Boards/Signs (DFBs)



Description: DFBs brings awareness to speeding conditions and manage traffic speeds by using a radar to measure and report traveling speeds.
Source: https://highways.dot.gov/safety/speed-management/speed-management-countermeasures-more-just-speed-humps

Raised Crosswalks



Description: Raised crosswalks are elevated crossings that are placed in the roadway to improve safety, slow and manage vehicle speeds, and provide a level path for pedestrians. Raised crosswalks are more noticeable than regular pedestrian pavement markings, making drivers more aware of pedestrians crossing. These crossings are very effective in school zones and areas where there are high pedestrian crossings.
Source: https://highways.dot.gov/media/11856

Road Diets



Description: Road diets are an effective way of improving safety, calming traffic, and encouraging multiple travel modes. They are best suited on low-speed and low-volume roadways.
Source: https://www.vdot.virginia.gov/media/vdotvirginiagov/doing-business/technical-guidance-and-support/traffic-operations/vhsip/Road-Diets-Local-Agency-One-Pager_acc050222.pdf

Targeted Enforcement Areas



Description: Targeted enforcement areas are locations with high traffic speeding violations and crashes that need increased patrols to enforce compliance of traffic laws and prevent violations. Areas that typically warrant targeted enforcement are locations where there are patterns of elevated speeds that are over 10 mph from the posted speed limit and have an history of fatal and serious injuries.
Source: https://www.nhtsa.gov/enforcement-justice-services/high-visibility-enforcement-hve-toolkit