Unsignalized Intersection Improvement Guide

Conduct Automated Speed Enforcement

The use of camera-based technology to automatically detect speeding vehicles and record identifying information about the vehicle and/or driver.

Targeted Crash Types
- Right-angle
- Rear-end (major road)
- Pedestrian
- Bicyclist

Conditions Addressed
- Crash history or observed conflicts related to speeding at or near the intersection.

Problems Addressed
- Speeding

Considerations
- Clearly identify if excessive speed is a safety problem in the community.
- Inform the public of the intent to implement and explain why it is being used.
- Enforcement should be part of a speed management program and should involve both highway and law enforcement agencies in the planning of the enforcement effort and selection of enforcement sites.
- Consider traditional enforcement before initiating automated enforcement.
- Review the state and local jurisdiction’s legislation on the use of automated enforcement.
- If the site was selected as a result of public complaints, police should follow up with the requesting citizen or citizen group.

Other Resources
- Speed Management: A Manual for Local Rural Road Owners, FHWA
- Speed Management Safety, FHWA
- NCHRP Report 729: Automated Enforcement for Speeding and Red Light Running

Source: Lee Engineering, LLC

This SUV is deployed for automated speed enforcement through photos.

Source: Lee Engineering, LLC

This Photo Enforcement Zone sign notifies approaching drivers of the automated speed enforcement ahead.

Source: VHB

These speed enforcement cameras are positioned in advance of a pedestrian crossing of the uncontrolled major road at the unsignalized intersection ahead.