

Vehicle Setback

Vehicle setback refers to the restriction of parking or stopping vehicles within a defined distance typically 20 to 30 feet from intersections or pedestrian crossings.

Implementation Strategy

How and Where to Apply

- Establish no-parking zones 20–30 feet from intersections or crosswalks using signage, pavement markings, and where feasible, curb extensions or flexible bollards to physically prevent illegal parking and improve visibility.
- Target urban streets with on-street parking, especially at unsignalized intersections, midblock crossings, school zones, and areas with high pedestrian volumes or a history of visibility-related crashes.
- Update local ordinances, educate the public about visibility risks, and coordinate with transit and emergency services to ensure operational needs are met while maintaining safety benefits.

Use in a Safe System Approach

Vehicle setback supports the Safe System Approach by improving road design (Safe Roads) to maintain clear sight lines at intersections and crossings. This helps drivers see pedestrians and other vehicles sooner (Safe Road Users), reducing the risk and severity of crashes.

Key Stakeholders

agencies, law enforcement, pedestrian and bicycle advocacy groups.

Implement vehicle setback zones proactively at intersections, crosswalks, and pedestrian crossings with high pedestrian volumes or a history of crashes. Use crash data, field observations, and community feedback to identify priority locations. Update local ordinances and install clear signage and markings to ensure compliance and maintain safe sight lines.

Countermeasure Overview

Objective: Reduce Pedestrian Exposure to Vehicular Traffic

Strategy: Provide Vehicle Restriction/Diversion Measures

Cost: \$ (Low)

Service Life: 3 years

Local government and municipal

Proactive Implementation

Pedestrian and **Bicyclists**

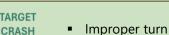
500 Series



Safer Vulnerable Users

Misjudgment

Failure to yield





NA



CONTRIBUTING

FACTORS

Urban and Suburban

Safety Linkage



Safe Road Users

SAFE SYSTEM



Tier 4

Vehicle Setback. Source: Autopost

Selected Related Countermeasures



Install No-Parking Signs and Pavement Markings



Use Curb Extensions or Flexible Bollards



Increase Enforcement of Parking Regulations



Improves sightlines for drivers and pedestrians, reducing intersection



crashes.



afety Benefits

Strategies and Countermeasures for the Pedestrian Safety Emphasis Area.

