



Dilemma Zone Detection

Reduce crashes on high-speed approaches.

Dilemma zone protects drivers by detecting speed and location on high-speed approaches and extending the green time to prevent sudden stops and red-light running.

Preventing Indecision

Dilemma Zones mainly occur on high-speed approaches when a signal turns yellow while a driver is unsure if they should brake or continue.

In those few seconds of indecision, drivers are far more likely to slam on the brakes, get rear-ended, or run the red.



Go

too close to the stop bar to stop safely

2.5s

Dilemma Zone

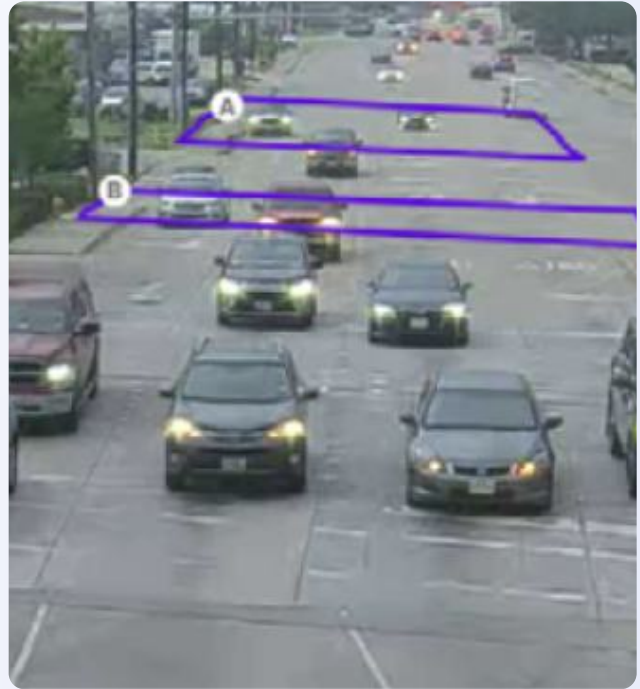
5.5s

Stop

too far from the intersection to catch the yellow

Features

- ✓ **Software Defined Infrastructure.**
No new hardware, no truck roll required.
- ✓ **Easy to Set Up**
Set up in during installation or remotely with Mobility OS with multiple trip lines.
- ✓ **Customizable**
Control zone creation with distance, speed, zone length, and extension time.
- ✓ **Verify Functionality**
Directly on the portal with visual verification of zone actuation



Benefits

1 Enhanced Safety

720 ft range prevents accidents caused by uncertainty.

2 Robust Performance

Fusion sensors operate effectively even in harsh weather.

3 Cost-Effective

No new field hardware or truck rolls – reducing upfront costs and ongoing maintenance budgets

AI Mobility Platform

The Dilemma Zone Detection application can be activated from the Mobility Store, that provides a diverse range of applications. The Mobility Store is part of the NoTraffic AI Mobility Platform, which integrates AI-powered software and hardware at the edge under a cloud-based Mobility OS (Operating System) to address current and future transportation needs.

