

# SOURCE OF RED LIGHT CAMERA REVENUE



The red light camera (RLC) industry operates a [charlatan fraud scheme](#). The [fraud works only](#) because government and drivers presume that red light running is caused by bad driving. But [over 99%](#) of red light running comes from drivers who are doing nothing wrong. Drivers are forced to run red lights by engineering design or malpractice. We think of red light runners as drunk drivers or texters who plow through an intersection. The RLC industry thinks of red light runners as safe drivers who several times a year are trapped in the engineering failure called a dilemma zone. Red light camera companies [propose](#) to their city partners to exploit the engineering failures and to use the power of government to establish the prerequisite legislation failures.

## Bad Physics

- [International standards for setting yellow light durations misapply physics](#) systematically create no-win scenarios ([dilemma zones](#)) forcing drivers to run red lights.
- [Beating the light](#), slamming on the brakes, guessing whether to stop or go are the outcomes of traffic engineers subjecting drivers to dilemma zones, causing
  - At least 70% of all red light running to occur within one second of light turning red—the bread and butter of the red light camera industry, and
  - Drivers to run red lights up to 4.5 seconds resulting in crashes and deaths
- [Yellow light durations do not provide drivers the time to slow down before entering intersections](#)
- No consideration of air brake lag time for school and public buses and commercial trucks

## Bad Local Traffic Engineering

- Miscomputed approach speeds
- Miscomputed road grades
- Obsolete traffic signal plans: What is in the plan is not on the ground.
- Insufficient green phase and/or bad signal synchronization causing traffic jams
- Bad intersection design: line-of-sight failures
- Small signal heads and signal heads without back-plates: no contrast with background especially when the Sun is in the background.
- Traffic controller circuitry causing fluctuating and shorter steady yellow durations
- Engineers changing intersection characteristics, like all-red intervals, signal life cycles, new alternate highways, without telling enforcement giving false impression that cameras reduce crashes.

## Bad Legislation

- Precision restrictions of right-turn on red violates *right reason* legal principle
- [Fraudulent statutes exploit traffic signal plans that violate engineering practices](#)
- Ignoring legal precedent turning criminal offenses into civil for the purpose of . . .
- Circumventing the US Constitution because Bill of Rights mostly applies to criminal offenses only and . . .
- Convicting vehicle owners not drivers
- [Gauntlet of decision traps](#)

## Violations of Due Process – [Amendment XIV](#)

- [Tickets](#) misstating [law](#) by omitting conditions for recourse
- Cities convicting people without the people knowing it
- Cities making the accused pay to defend themselves
- Accuser, judge and executioner are often the same person
- Systematically modified RLC videos and RLC software errors producing inaccurate evidence
- Hearing panelists paid by city, lack knowledge of engineering and rules of evidence, thus convict everyone in order to keep their jobs.