A driver traveling at the speed limit of 30 mph was cited for crossing an intersection on red. He claimed that he was innocent because the duration of the amber display was improper and, consequently, a dilemma zone existed at that location. Using the following data, determine whether the driver’s claim was correct:

* amber duration = 4.5 s
* perception reaction time = 1.5 s
* comfortable deceleration = 10 ft/s2