Assignment: Define a Labeling Protocol for Stop Sign Behavior

We are working on training a machine learning model to analyze driver behavior around stop signs using dashcam video footage.

Attached are a few short video clips, automatically flagged by a detection algorithm as potentially involving stop signs. Your task is to design an annotation protocol for remote annotators, with the aim of extracting the most useful training signal possible from this data.

You may assume that the only available information is the video itself. There is no access to metadata such as speed, GPS, or external sensors.

Deliverables:

- A proposed set of labeling instructions, written clearly and concisely, as you would send to remote annotators.
- Any assumptions or tradeoffs you make in the design.
- A short explanation of how your labeling scheme supports training an effective model for this task.

This assignment is designed to test your ability to think critically about data quality, objectivity, and downstream usability. Please keep your submission to 1 hour of work.