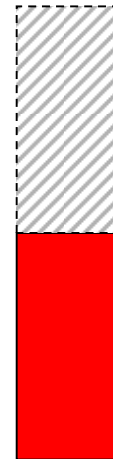


## *Active Braking (AB) Scenario*

- Rider approaches object, but he does not brake
- AB brakes ( $3 \text{ m/s}^2$ ) to reduce the impact of the (un)avoidable collision



Increased uncertainty to trigger object during near miss (for demonstration purpose)



## ***Enhanced Braking (EB) Scenario***

- Rider approaches object, but he does not brake
- When the AB is triggered, the rider applies the rear brakes
- The riders brake action is amplified by the EB (resulting deceleration  $6 \text{ m/s}^2$ )