



# *Alberta Occupant Restraint Program*

***Engineered Life Space &  
Seat Belts***



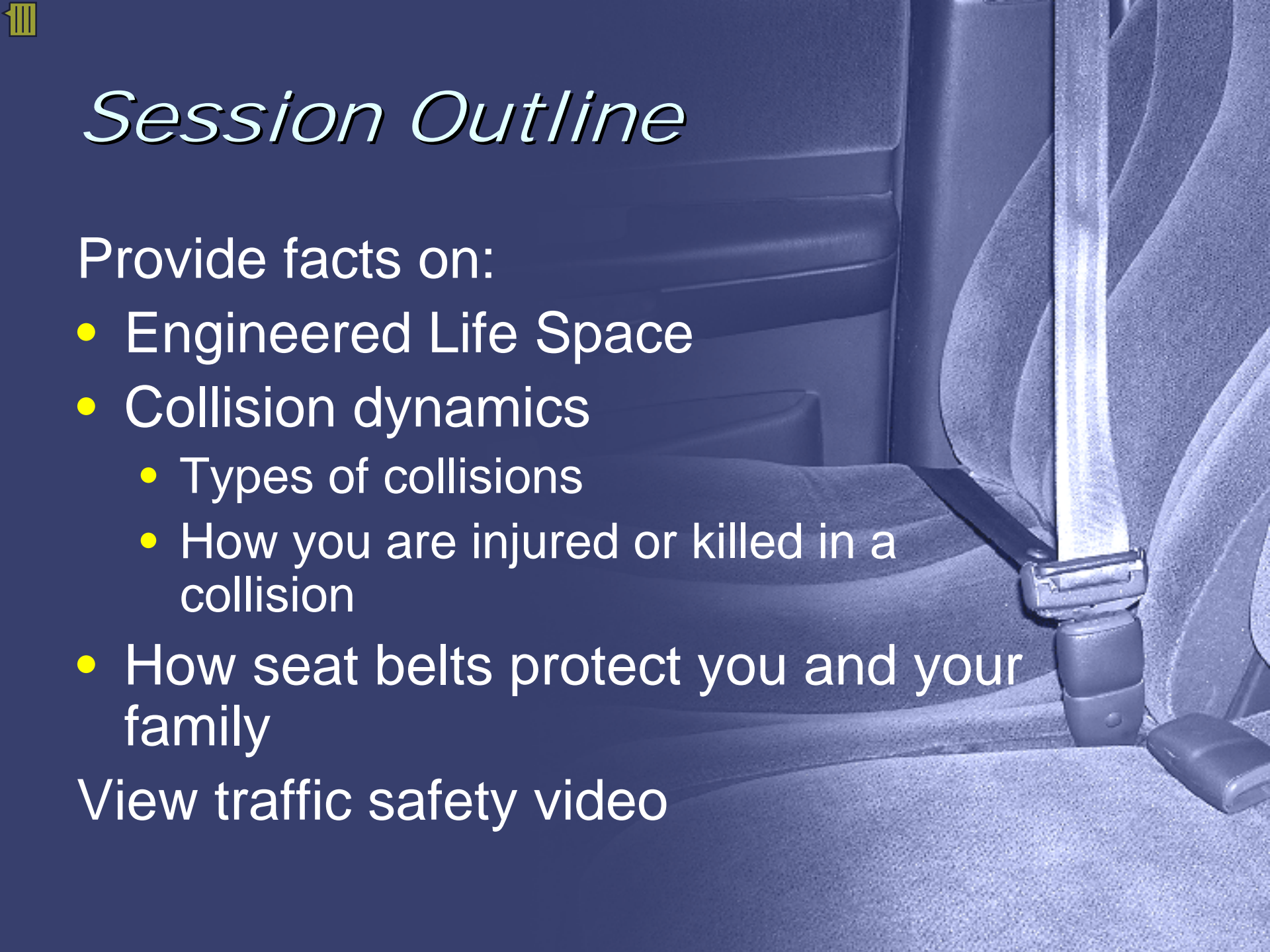


# *Session Outline*

Provide facts on:

- Engineered Life Space
- Collision dynamics
  - Types of collisions
  - How you are injured or killed in a collision
- How seat belts protect you and your family

View traffic safety video







# *They're NOT "Accidents"*



**"Accidents"** have no reason, they are "acts of God" or "fate". They are not predictable and not preventable.

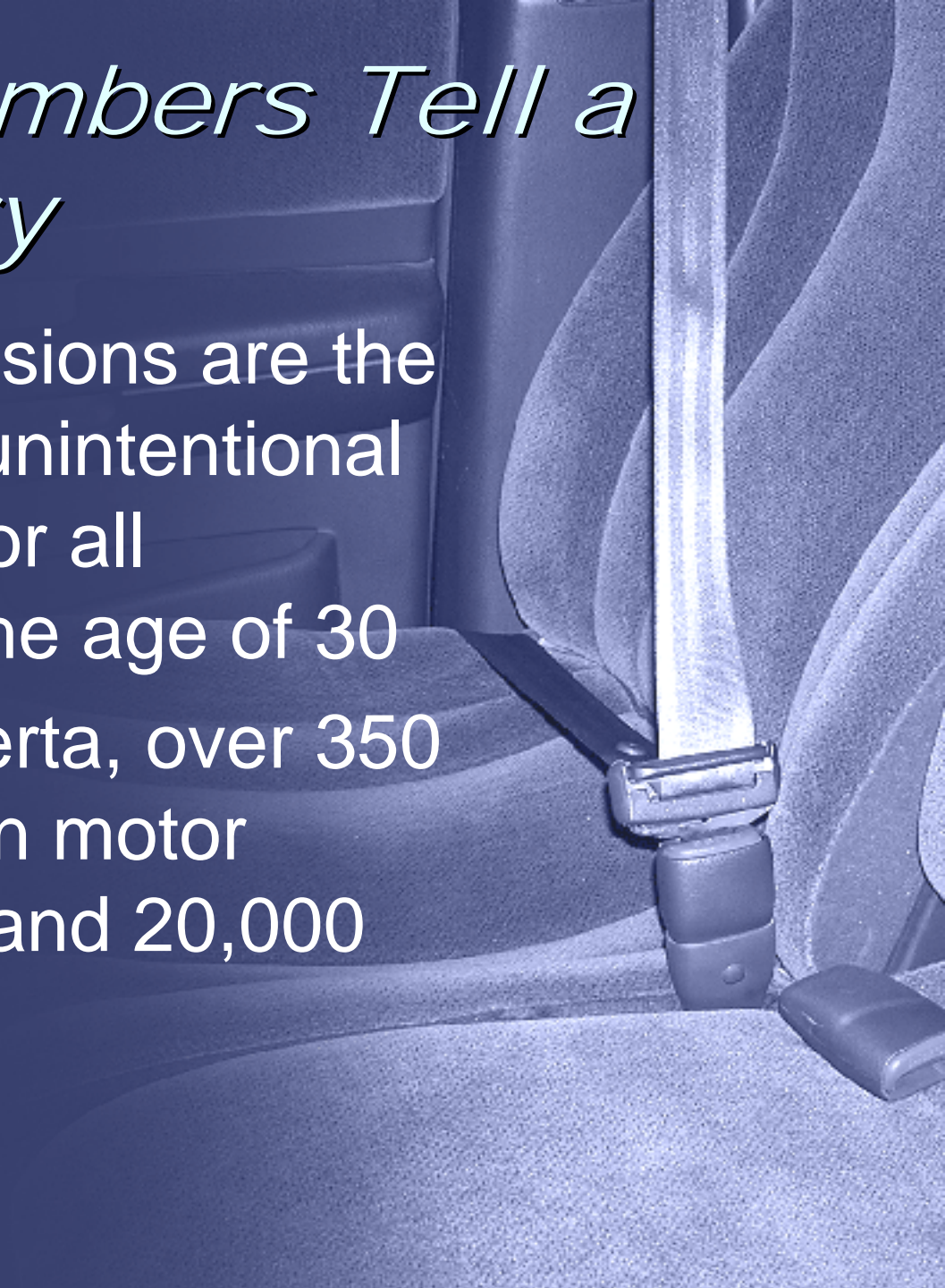
**"Collisions"** have a cause. The outcomes are predictable and preventable.





# *The Grim Numbers Tell a Terrible Story*

- Motor vehicle collisions are the leading cause of unintentional death and injury for all Albertans under the age of 30
- Every year in Alberta, over 350 people are killed in motor vehicle collisions and 20,000 are injured



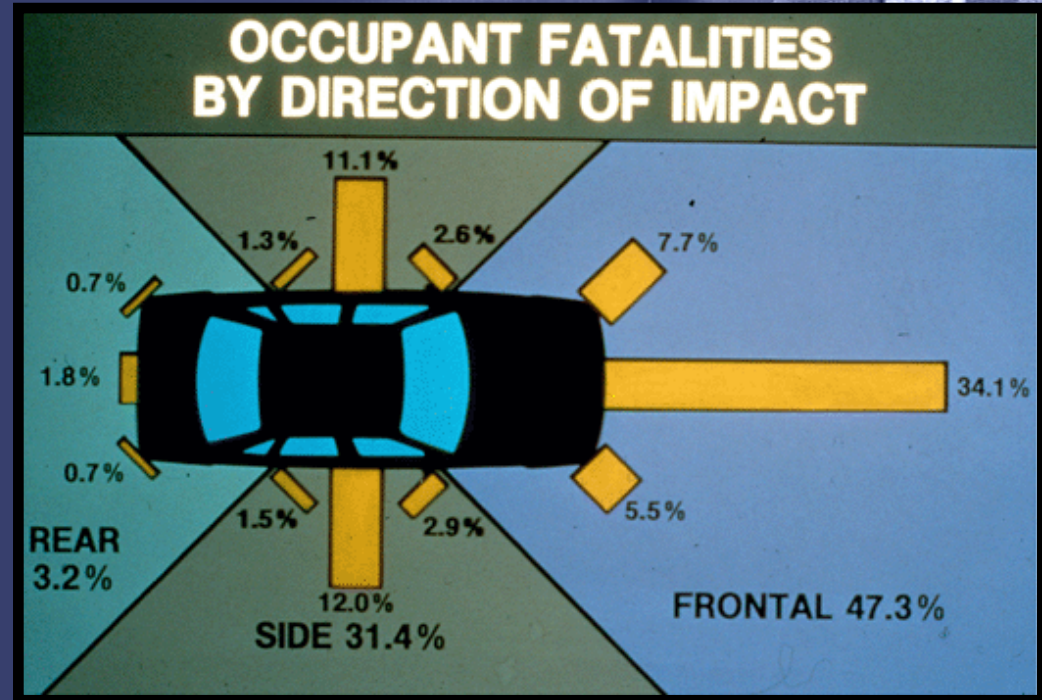




# *Motor Vehicle Collisions*

## *Four Main Types of Crashes*

- Frontal
- Side
- Rear
- Rollover



*In a crash, everything in the vehicle moves towards the point of impact*



# *Collision Dynamics - Crash Severity Depends On:*

- Speed of travel
- Direction or angle of impact
- Size of the vehicles involved







# *Collision Dynamics - The Ability to Survive Depends On:*

- The engineered life space, plus
- The use of seat belts or child safety seats

If there is engineered life space left after the crash, the occupants have a chance of surviving IF they are wearing their seat belts

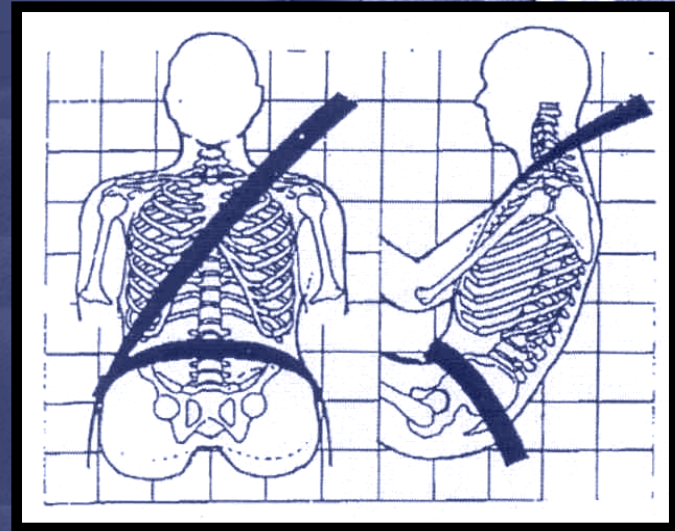






# *Seat Belts...*

- Keep you inside the engineered life space
- Distribute the force of the collision over safe areas of the body
- Reduce the risk of serious injury and death





# *Crash Examples - Intact Engineered Life Space*

- In these crashes, people were killed
- The engineered life space was intact
- They would be alive if they had worn their seat belts





# *Crash Example - Seat Belt Effectiveness*

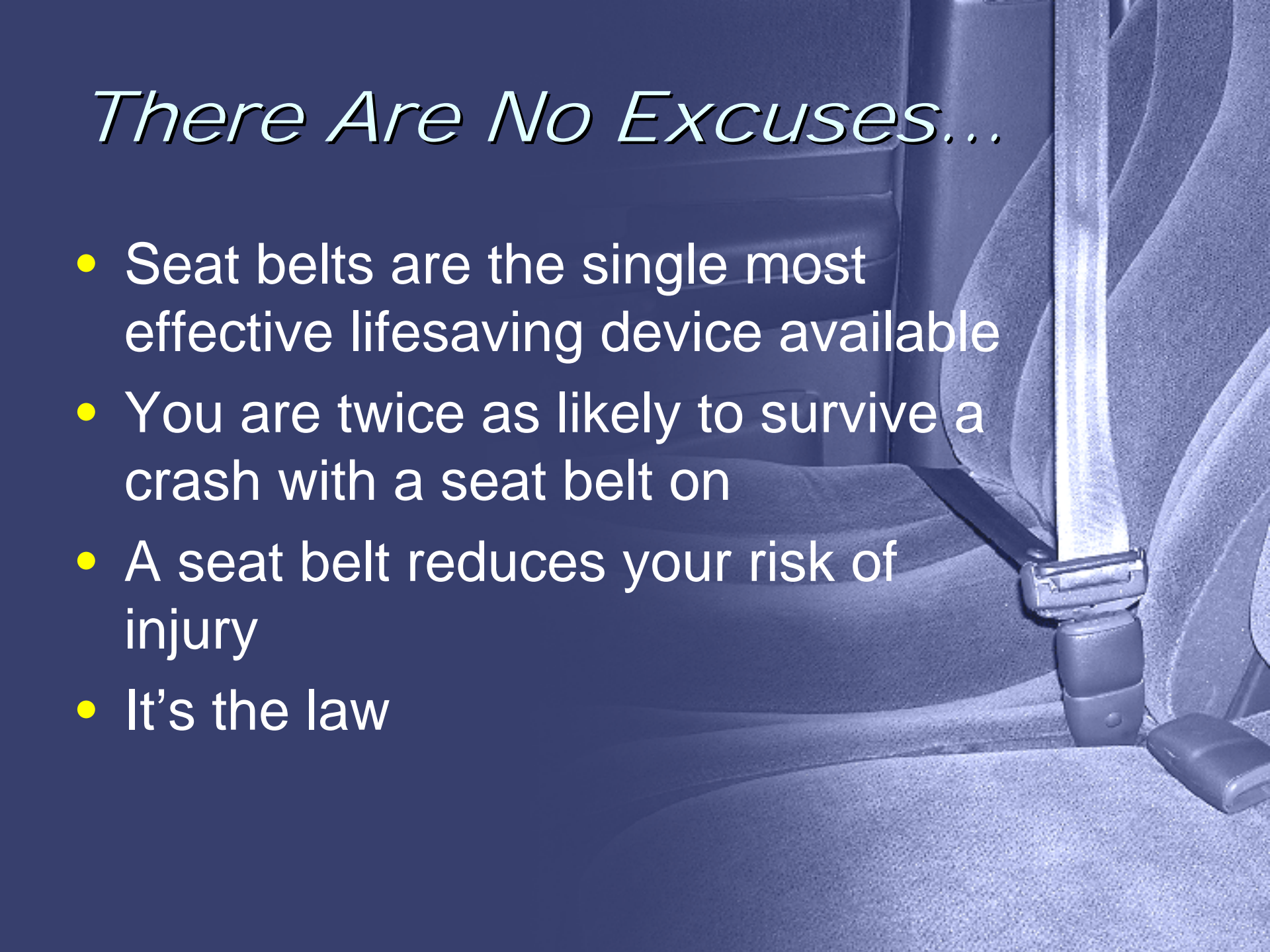
- In this collision, the front seat passenger lived
- She was saved by her seat belt





# *There Are No Excuses...*

- Seat belts are the single most effective lifesaving device available
- You are twice as likely to survive a crash with a seat belt on
- A seat belt reduces your risk of injury
- It's the law







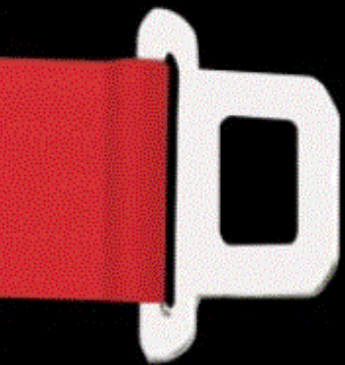
*Video*

***Drive to Survive***





**If you're not wearing your seat belt,**



**What's holding you back?**

