

## ***Speed and Stopping Distances Demonstration***

- The demonstration will show how stopping distances increase dramatically with speed.
- The test vehicle, a GMC Canyon, will brake at the same location while traveling at 25 miles per hour (the posted speed limit on Sligo Avenue), 35 miles per hour and 40 miles per hour. It is not uncommon for motorists to speed at 35 or 40 miles per hour on streets posted for 25 miles per hour.
- “Bobby,” a wire-frame dummy depicting a 10-year-old boy, will receive a close call but will remain safe when the vehicle brakes at 25 miles per hour.
  - In a trial run under slightly different conditions, the vehicle traveling at 25 miles per hour came to a complete stop after 22 feet.
- “Bobby” will be struck hard when the vehicle brakes at 35 miles per hour.
  - In the trial run, the vehicle traveling at 35 miles per hour came to a complete stop after 43 feet.
- “Bobby” will be struck substantially harder when the vehicle brakes at 40 miles per hour.
  - In the trial run, the vehicle traveling at 40 miles per hour came to a complete stop after 60 feet.

