

**National Transportation Safety Board
Office of Highway Safety
Washington, DC 20594**

**Exemplar Video
HWY11MH005**

Location: New York, New York
Date: March 12, 2011
Time: 5:37 a.m., EST
Description: The “shelf item” CD¹ contains four MP4 Movie files recorded on March 18, 2011 on a 1998 Prevost motorcoach, identical in all major respects to the motorcoach involved in the March 12, 2011 accident in New York, New York.

Four exemplar videos were recorded of the roadway in the vicinity of the accident location (Interstate 95, New England Thruway at mile marker 3.2). In each case, the bus drove southbound along Interstate 95 and the video recording starting at Exit 16 and terminated at Exit 13.

Four conditions were recorded:

1. Right lane, no engine brake, no rumble strips (4:50 a.m. EDT, 4:00 min)
2. Right lane, engine brake on, no rumble strips (5:02 a.m. EDT, 3 min, 43 sec)
3. Right lane, engine brake off, traverse rumble strips (5:12 a.m., EDT, 4 min, 5 sec)
4. Center lane, engine brake off, no rumble strips (5:28 a.m., EDT, 3 min, 49 sec)

The video was recorded using an Ultra HD 8 GB Flip camera. The camera was mounted in the front passenger row in line with the aisle seat immediately behind the driver.

The nominal speed for all conditions was 50 mph. During the engine-brake-system-on condition, the driver accelerated beyond 50 mph on a few occasions and then released the accelerator so that the engine braking system would engage. The engaged brake system did not make a perceptible sound or cause perceptible vibration. During the rumble strip condition, the driver let the passenger-side wheels contact the rumble strips on the edge of the roadway several times when he felt it was safe to do so. When the wheels contacted the rumble strip, passengers on the bus heard a distinctive rumbling or buzzing sound and felt the bus vibrate.

¹ NTSB Records Management Shelf Item