



Highway Factors Photographs

Concan, Texas

HWY17MH011

(39 pages)



Highway Photo 1 – Southbound view on US 83, showing the final positions of both accident vehicles. Note the scrapes and tire friction marks leading away from the impact area. **Highway photos 1-11 are provided courtesy of the Texas Highway Patrol**



Highway Photo 2 – Northbound view on US 83 show impact area and final vehicle positions.



Highway Photo 3 – Southbound view of tire friction marks from a witness vehicle that skidded to a stop behind the bus.



Highway Photo 4 – View of both vehicle’s final positions in the southbound lane.



Highway Photo 5 – Additional view of impact area



Highway Photo 6 – Additional Southbound view of both vehicles final positions in the southbound lane



Highway Photo 7 – From of vehicle positions from southbound shoulder, showing the back on the bus on the metal beam guardrail.



Highway Photo 8 – View of bus impact with wooden guardrail post



Highway Photo 9 – Aerial view of impact area and vehicle positions



Highway Photo 10 – Closer view of scrapes on the pavement and tire friction marks leading away from the impact area.



Highway Photo 11 – View of vehicle final positions with the end of the curve in the background.



Highway Photo 12 – View of advance work zone warning sign on US 83, approximately 3200 feet from the impact area.



Highway Photo 13 – View of Texas G20.10T sign warning motorist to stay alert and not to text in work zones. The accident curve can be seen beginning approximately 1500 feet away in the photo background.



Highway Photo 14 – View of where the work zone began at the beginning of the accident curve



Highway Photo 15 – View of northbound US 83, approximately 1400 feet from the impact area.



Highway Photo 16 – Continued view of accident curve about 1300 feet from the impact area.



Highway Photo 17 – Note how the forward sight distance in the curve is limited by the cut slope and vegetation on the hill side.



Highway Photo 18 – Continued northbound around the accident curve approximately 1200 feet from the impact area.



Highway Photo 19 – Continued view approximately 1100 feet from the impact area.



Highway Photo 20 – Northbound view of 4-degree right-hand curve on the uphill grade.



Highway Photo 21 – Continued view of accident curve, approximately 1,100 feet from the impact area.



Highway Photo 22 – Continued view of accident curve.



Highway Photo 23 – Northbound view of curve approximately, 900 feet from the impact area.



Highway Photo 24 – Continued view of accident curve.



Highway Photo 25 – View of advance warning sign for speed limit change ahead on US 83 from 70 mph to 60 mph.



Highway Photo 26 – Closer view of speed limit change warning sign.



Highway Photo 27 – View of work zone warning sign. Note the impact area can be seen by the pavement discolored by fluid debris on the opposite side of the road across from the sign.



Highway Photo 28 – Northbound view of impact area in the southbound lane.



Highway Photo 29 – Closer view of the impact location.



Highway Photo 30 - View of impact area marked by fluid stains and paint markings.



Highway Photo 31 – Close-up view of impact area in the southbound lane of US 83.



Highway Photo 32 – View of northbound curve ending in the photo background.



Highway Photo 33 – Continued view on northbound US 83 where the speed limit changes to 60 mph, approximately 750 feet past the impact area.



Highway Photo 34 – Southbound view (direction of bus) of US 83 where the speed limit in the southbound direction changes from 60 mph to 70 mph for the bus.



Highway Photo 35 – Beginning of the accident curve in the southbound direction. The impact area is approximately 350 feet ahead.



Highway Photo 36 – View of witness vehicle tire friction marks in the southbound lane that skidded to a stop behind the accident bus. Flid stains marking the impact area are just ahead of the tire marks in the photo.



Highway Photo 37 – Southbound view of the impact area in the southbound lane.



Highway Photo 38 – Additional close-up view of pavement gouges and tire friction marks in the impact area.