Alberta Transportation Southern Region Geohazard Assessment Site S31 – "Mystery Culvert", Highway 762:02 CG25277.B September 2008





Photo S31-1 (top) – June 2008

Facing downslope/towards the west from near the backslope crest above the damaged segment of the highway. The extent of the overlays on the southbound lane are visible. The person on the far side of the highway is standing near the visible culvert outlet on the slope below the road.



Photo S31-2 (bottom) – June 2008 Facing south across the segment of the highway where a number of overlays from recent years are visible.

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Photo S31-3 (top) – June 2008

Facing north in the north end of the overlays, with recent cracking and very minor settlement of the road surface visible in the southbound lane. The position and pattern of these cracks suggest that they are the north flank of overall circular cracking roughly centered around the culvert outlet visible on the slope face below the road.



Photo S31-4 (bottom) – June 2008 Facing south across the central portion of the overlays, with tension cracking visible in the middle of the southbound lane.

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Photo S31-5 (top) – June 2008 Facing north along the upslope ditch. There was clear water flowing southwards in the wheel ruts in the ditch. There did not appear to be a specific source location for the water. The inlet of the culvert at the site could not be found in the ditch.