Alberta Infrastructure and Transportation Southern Region Geohazard Assessment Annual Assessment Report CG25263 September 2007



Culvert inlet



Photo S10(C)-1 – June 2005 (upper left)
Cracking and settlement of the road surface as observed during the 2005 site inspection.



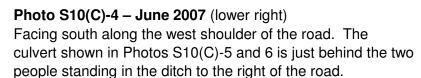
Photo S10(C)-2 – June 2007 (upper right)

Typical view facing north across the recent overlay at the site, as seen during the June 2007 site inspection. The approximate location of the culvert to the south of the overlay is shown.



Photo S10(C)-3 – June 2007 (lower left)

Closer view of the edge of the recent overlay, along the east shoulder of the road. The approximate location of the culvert to the south of the overlay is shown.





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Photo S10(C)-5 – June 2007 (left)

The inlet (west) end of the creek culvert. Note the sinkhole in the slope face above the culvert and just upslope of the fenceline. This sinkhole has developed since the previous inspection in 2005.

Photo S10(C)-6 – June 2007 (right)

The outlet (east) end of the creek culvert. Note the level of the water at the outlet in comparison to the level at the inlet as shown in Photo S10(C)-5. It is not known if the higher level at the outlet is due to the gradient of the culvert or settlement around the culvert outlet.

Bank erosion is visible to the left of the culvert outlet, but it does not appear to be of any consequence to the road fill embankment.

