Alberta Transportation Southern Region Geohazard Assessment Site S10(A) – Archery Range, Highway 762:02 CG25309.B August 2009





## Photo S10(A)-1 (top) - June 2009

Facing southbound across the site. At the time of the June 2009 site inspection there was only minor cracking and settlement in the current asphalt overlay. The pattern and extent of the damage was similar to previous years.



## Photo S10(A)-2 (bottom) – June 2009

Facing northbound across the site. The personnel at the toe of the road embankment slope on the left side of the photo are reading SI 2009-01, which has shown movement at the depth shown on the cross-section on Figure S10-2. The toe bulge in the treed area (see Photo S10(A)-3) is a short distance further into the trees.

Alberta Transportation Southern Region Geohazard Assessment Site S10(A) – Archery Range, Highway 762:02 CG25309.B August 2009





## Photo S10(A)-3 - June 2009

Toe bulge in the treed area, a short distance further downslope from SI 2009-01. The depths of active ground movement in the SI's along with this toe bulge and the position of the repeated cracking on the road surface seem to align along a rotational or possible rotational/translational failure surface as shown on the cross-section on Figure S10-2.