Alberta Transportation Southern Region Geohazard Assessment Site S31 – "Mystery Culvert", Highway 762:02 CG25309.B August 2009







Photo S31-1 (top) – June 2009 Looking west from the slope above the site. Recent patching visible on the road surface. Planned SI location marked on pavement (pink paint marking).

Photo S31-2 (left) – June 2009 Looking southbound from north end of site. Cracking has worsened since 2008 inspection with a nearly continuous arc formed through the site area. Planned SI location marked on pavement (pink paint marking).



























Photo S31-3 – June 2009 Close-up view of the cracking taken from the south facing north. Planned SI location marked on pavement (pink paint marking).



Photo S31-4 – June 2009
The culvert outlet was not flowing at the time of the inspection but appeared to have carried water recently.

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Photo S31-5 – June 2009
The upslope ditch above the site was wet with ponded water in the tire ruts. The ditch was reportedly capped with clay during the drain installation, however the shallow grade of this ditch does not allow the water to flow away from the site.