



Photo S5-1 – June 2009

The footing at the west end of the May 2008 retaining wall has become undermined around the drainage pipe and cracking of the footing has occurred. This damage has occurred since the June 2008 site inspection. See Photo S5-2 for another view of this same area, after a stake and spray paint markings were added for future reference.



Photo S5-2 – June 2009

Separation of the wall blocks due to footing undermining and wall settlement. This damage has occurred since the June 2008 site inspection. The central portion of the wall foundation has at least 15 cm of differential settlement as observed from the deflection of the rows of blocks. The crack at the painted mark is separated by 32 mm. A survey stake was installed at the undermined area to reference for future settlement (mark on the footing and stake at the same elevation).



Photo S5-3 – June 2009

Closer view of the undermined footing at the west side of the wall.



Photo S5-4 – June 2009

Facing west from the east end of the retaining wall. Cracking and settlement of the fill behind the wall is causing two guardrail posts to become unsupported.



Photo S5-5 – June 2009

Facing east from the west end of the retaining wall. Settlement of the wall backfill and undermining of the guardrail posts is visible. Note that no new cracking has appeared on the road surface since the 2008 annual inspection.



Photo S5-6 – June 2009

Facing east from the west end of the soil nailed area. Note that vegetation is becoming established, however the steeper scarp remains mostly bare since regrading in May 2008.