

2013 Flood Inspection Summary Report

Date	Location	Name	Hwy	km
17 July 2013	Kananaskis	Site 46 - King Creek	40:12	0.24
GPS Co-ordinates (UTM)		Survey Reference		
N 5620227 E 633431				

Site Classification:	Culvert – Erosion, Road - Embankment
Short Term Cost:	\$30,000
Long Term Cost:	
Inspected By:	July 9 - PJW, RJS, KER (Helicopter); July 17 - RJS, CJT (Ground)

Primary Site Issue:	Heavy flows eroded culvert inlet/outlet and toe road embankment
Photo Reference:	P7098362, DSCF3093, DSCF3096

Site Conditions:

- Upstream embankment around culvert eroded and shallow slumping
- Some boulders in culvert bottom (loss 20% capacity)
- Large debris load around culvert outlet; eroded vertically

Short Term Recommendations:

- Repair slumping on upstream embankment slope
- Clean culvert
- Regrade around culvert outlet
- Replace/rebuild riprap around culvert inlet and outlet

Long Term Recommendations:

- Assess upstream debris load

Other Comments:

Recommended future assessment for upslope geohazards (i.e. debris flows, upstream fluvial)