

SITE NUMBER AND NAME: <b>S045-I Threepoint Creek</b>		HIGHWAY & KM: 549:02, 12.315	PREVIOUS INSPECTION DATE: June 15, 2016	INSPECTION DATE: <b>May 29, 2017</b>
LEGAL DESCRIPTION: 02-08-021-03 W5M	NAD 83 COORDINATES: UTM Northing Easting 11 5626611 684647		RISK ASSESSMENT: PF: 7 CF: 5 TOTAL: 35	
AVERAGE ANNUAL DAILY TRAFFIC (AADT): 900 (east), (Ref No. 65170)			CONTRACTOR MAINTENANCE AREA (CMA): 27	

SUMMARY OF SITE INSTRUMENTATION:  None  LAST READING DATE: n/a	INSPECTED BY: Chris Gräpel (KCB) Peter Roy (KCB) Ross Dickson (AT) Roger Skirrow (AT) Ammar Zaidi (AT)
PRIMARY SITE ISSUE: Crest of erosion scarp from side channel approximately 6 m from edge of pavement.	
APPROXIMATE DIMENSIONS: Approximately 80 m length of highway, erosion scarp approximately 8 m in height, sloped approximately 0.5H:1V.	
DATE OF ANY REMEDIAL ACTION: None.	

ITEM	CONDITION EXISTS		DESCRIPTION AND LOCATION	NOTICABLE CHANGE FROM LAST INSPECTION	
	YES	NO		YES	NO
Pavement Distress		X			X
Slope Movement	X				X
Erosion	X				X
Seepage	X				X
Culvert Distress					

<b>COMMENTS</b>
No change to erosion scarp for 3 years due to debris down at side channel entrance
Side channel is blocked by debris dam (woody debris) deposited in June 2013. Minimal water flow in side channel (estimate 0.1 m <sup>3</sup> /s, or less). If debris dam fails, water will enter side channel again and likely reinitiating of creek erosion. Repair of the erosion should be conducted while debris dam is controlling water in the side channel.
Repair design is underway to protect the bank from further erosion, that will likely include bank reconstruction and riprap placement.
In short term, a HTCB should be installed to minimize potential for motorists going over the steep erosion scarp.