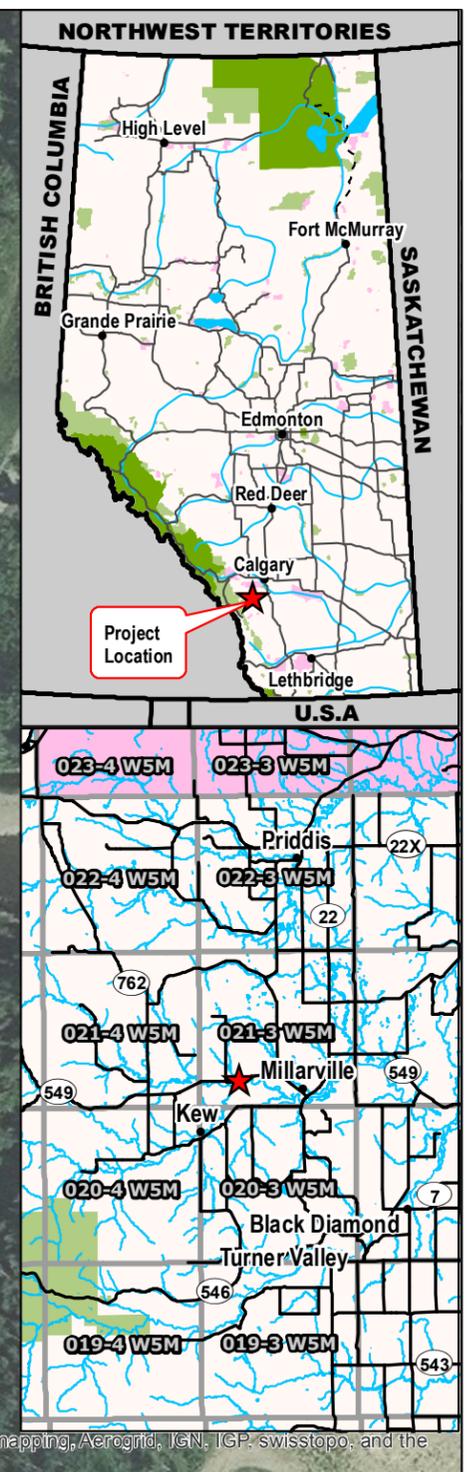


SITE NUMBER AND NAME: <b>S045-I Threepoint Creek</b>		HIGHWAY & KM: 549:02, 12.315	PREVIOUS INSPECTION DATE: May 29, 2017	INSPECTION DATE: <b>May 1, 2018</b>
LEGAL DESCRIPTION: 02-08-021-03 W5M	NAD 83 COORDINATES: UTM Northing Easting 11 5626611 684647		RISK ASSESSMENT: PF: 7 CF: 4 TOTAL: 28	
AVERAGE 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) Alex Frotten (AT) Roger Skirrow (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		X			

<b>COMMENTS</b>
No change to erosion scarp for 4 years due to debris down at side channel entrance.
Side channel is blocked by debris dam (wood 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.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

**Legend**

- GPS Track (May 1, 2018)
- +++++ Cut Bank
- Flow Direction
- ⊠ Log Jam



NOTES:  
 1. HORIZONTAL DATUM: NAD83  
 2. GRID ZONE: UTM Zone 11N  
 3. IMAGE SOURCE: World Imagery from ESRI  
 ArcGIS Online. Source date January 2015

CLIENT




PROJECT SOUTHERN REGION GEOHAZARD RISK MANAGEMENT PROGRAM		
TITLE Site Plan S045-1 - Threepoint Creek H549:02, km 10.704		
SCALE 1:2,000	PROJECT No. A05115A03	FIG No. 1

Time: 15:58:27 PM  
 Date: August 08, 2018  
 File: \\nt.kohn.com\ProjData\EDM\A05115A03\ABT\_Southern Region GRMP\400 Drawings\20182\_Section BIMXD\S045\_1\_180510.mxd

**Photo 1** Highway and bank above cut bank on secondary channel S45-I. Photo was taken facing northeast on May 1, 2018.



**Photo 2** Downstream of eroded slope. No change in creek erosion towards road embankment in approximately 5 years. Photo was taken facing northeast on May 1, 2018.



**Photo 3**      **Tree debris blocking river from entering creek. No change in tree debris from 2017 inspection. Some additional plant growth. Photo was taken facing northwest on May 1, 2018.**

