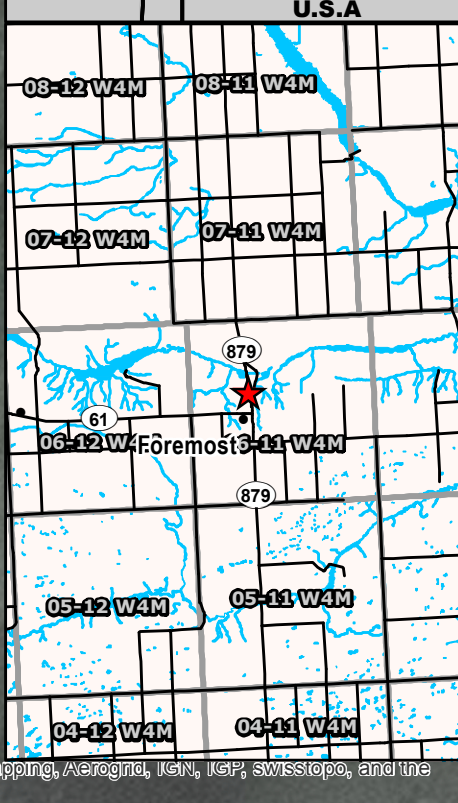
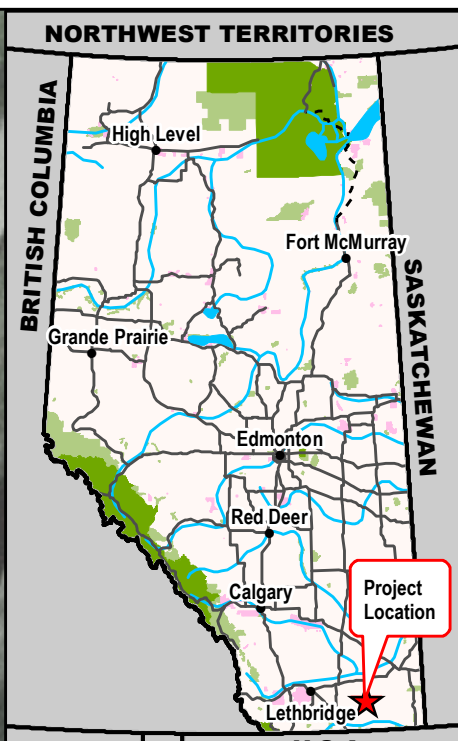


SITE NUMBER AND NAME: S053 Rattlesnake Dip		HIGHWAY & KM: 879:04, 1.00	PREVIOUS INSPECTION DATE: June 16, 2016	INSPECTION DATE: May 31, 2017
LEGAL DESCRIPTION: 09-20-006-11 W4M	NAD 83 COORDINATES: UTM Northing Easting 12 5481930 467953		RISK ASSESMENT: PF: 9 CF: 2 TOTAL: 18	
AVERAGE ANNUAL DAILY TRAFFIC (AADT): 510 (north), (Ref. No. 125050)			CONTRACTOR MAINTENANCE AREA (CMA): 24	

SUMMARY OF SITE INSTRUMENTATION: None	INSPECTED BY: Chris Gräpel (KCB) Peter Roy (KCB) Ross Dickson (AT) Roger Skirrow (AT) Ammar Zaidi (AT)
LAST READING DATE: n/a	
PRIMARY SITE ISSUE: Dip in pavement (0.2 m maximum), due to settlement of high fill in coulee.	
APPROXIMATE DIMENSIONS: ~20m.	
DATE OF ANY REMEDIAL ACTION: Survey monitoring points were installed in highway in a grid pattern since the last inspection, by a surveyor hired by the MCI.	

ITEM	CONDITION EXISTS		DESCRIPTION AND LOCATION	NOTICABLE CHANGE FROM LAST INSPECTION	
	YES	NO		YES	NO
Pavement Distress	X		Dip, minor. No cracking.		X
Slope Movement		X			
Erosion	X		Erosion feature located on slope west of the highway, above the road surface.		X
Seepage		X			
Culvert Distress		X			



COMMENTS
Highway appears to be constructed on an in-filled coulee which is settling. There is evidence of numerous pavement lifts.
Site reconnaissance along the upland and embankment slope indicated no sign of embankment sliding, seepage, piping, void formation or other settlement. A zone of denser and more lush vegetation was noted at waypoint 326, but no other sign of seepage or eroded materials was noted.
Survey monitoring points in a grid on the pavement surface are being monitored by a surveyor retained by the MCI. The survey data should be provided to AT GRMP staff and KCB for review.



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



Legend

-  GPS Waypoints (May 31, 2017)
-  GPS Track (May 31, 2017)

Time: 10:48:02 AM
Date: June 29, 2017
File: Z:\A\EDM\A05115\A03 ABT Southern Region GRMP\A00 Drawings\2017\Section BIMXD\S053_170628.mxd

NOTES:
1. HORIZONTAL DATUM: NAD83
2. GRID ZONE: UTM Zone 12N
3. IMAGE SOURCE: World Imagery from ESRI ArcGIS Online.
Source date January 2015

CLIENT




PROJECT SOUTHERN REGION GEOHAZARD RISK MANAGEMENT PROGRAM		
TITLE Site Plan S053 - Rattlesnake Dip Hwy 879:04		
SCALE 1:1,000	PROJECT No. A05115A03	FIG No. 1

Photo 1 Dip in highway, over entire width. Photo was taken facing north on May 31, 2017.

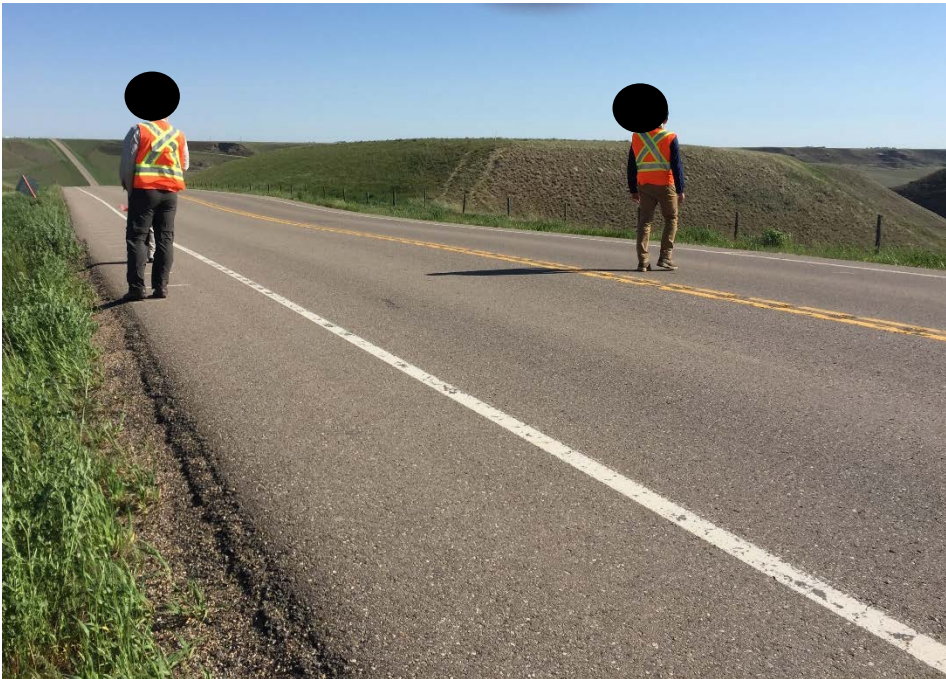


Photo 2 Survey pins installed in the highway in a grid pattern. Centerline of dip area marked on pavement. Photo was taken facing west on May 31, 2017.



Photo 3 **Embankment slope on east side of the highway. Photo taking looking west, from the base of the slope, on May 31, 2017.**



Photo 4 **Depression/erosion feature on the west side of the highway. Photo was taken facing west on May 31, 2017.**

