

**NORTH CENTRAL - EDSON**  
**GEOHAZARD RISK ASSESSMENT**  
**SITE INSPECTION FORM**



SITE NUMBER AND NAME: <b>NC30 Rochfort Bridge</b>		HIGHWAY & KM Hwy 759:04 km4.8	PREVIOUS INSPECTION DATE: May 22, 2007	INSPECTION DATE: June 10, 2008
LEGAL DESCRIPTION: NE5-57-7-W5M	UTM COORDINATES (NAD83): 11 N5,974,472.6 E631,654.3		RISK ASSESSMENT PF: 1 CF: 3 TOTAL: 3	

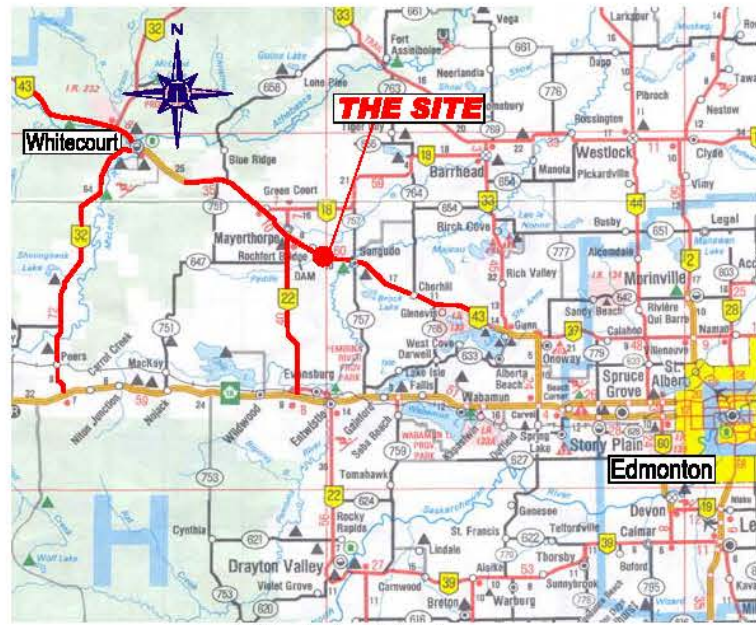
SUMMARY OF SITE INSTRUMENTATION: Four standpipe piezometers SP05-5 and 05.3 – Operational. Water level about 1.2 m below ground surface.		INSPECTED BY: Renato Clementino(Thurber) Roger Skirrow (AT) Cliff Corner (AT) Reg Faulkner (AT)
LAST READING DATE:	October 5, 2007.	REVIEWED BY: Don Proudfoot (Thurber)
PRIMARY SITE ISSUE:	Bearing capacity failure in weak muskeg foundation	
APPROXIMATE DIMENSIONS:	About 125 m long.	
DATE OF ANY REMEDIAL ACTION:	Fall 2007 (construction of a toe berm).	

ITEM	CONDITION EXISTS		DESCRIPTION AND LOCATION	NOTICEABLE CHANGE FROM LAST INSPECTION	
	YES	NO		YES	NO
Pavement Distress		X	Pavement has been overlain and is performing well	X	
Slope Movement		X	No signs of movement were noticed	X	
Erosion		X			
Seepage		X			
Culvert Distress		X			

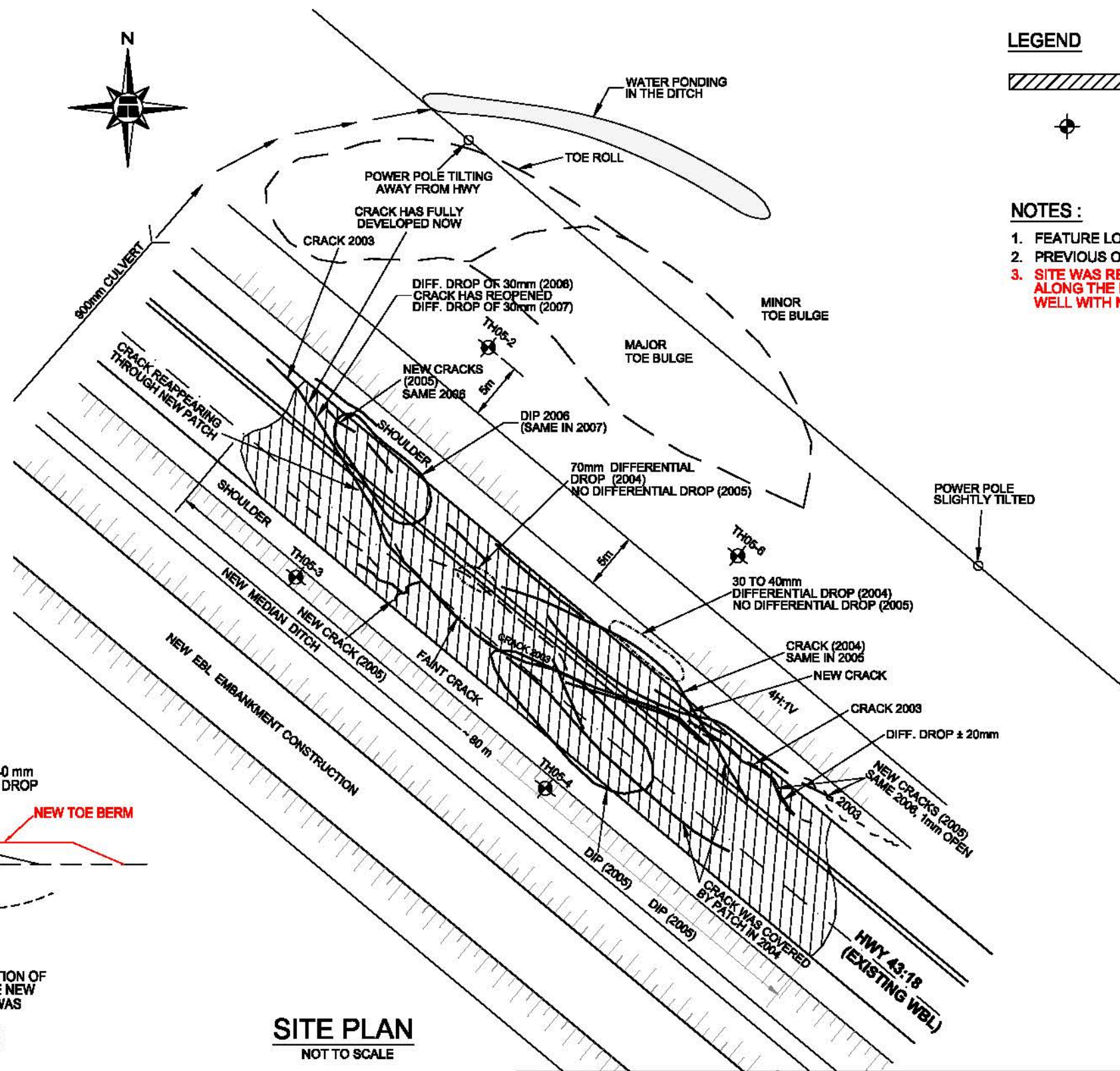
COMMENTS (Refer to Figure NC30-1):  
The site was remediated with a toe berm constructed along the northeast sideslope.

RECOMMENDATIONS:  
The remediation repair is performing well with no need of additional action.  
This site should be discontinued from the program.

ATTACHMENTS: Site photos taken during the site inspection (June 10, 2008)  
Figures NC30-1





**SITE MAP**  
NOT TO SCALE



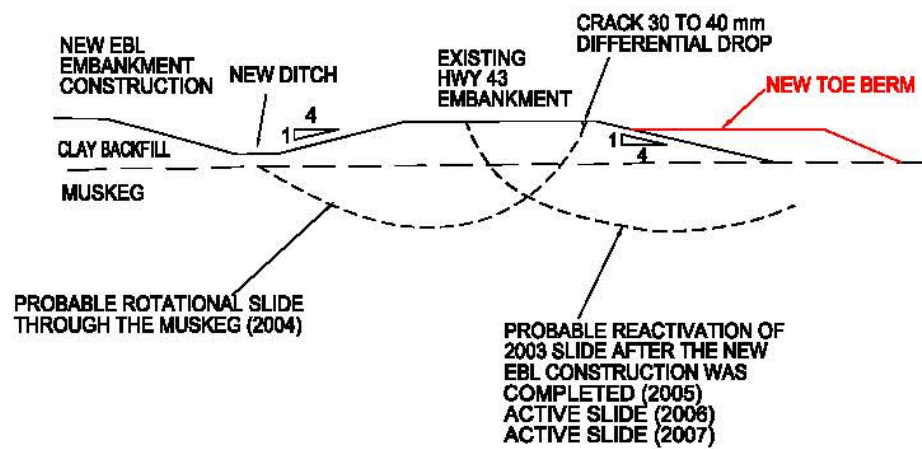
**SITE PLAN**  
NOT TO SCALE

**LEGEND**

-  REPAIRED (2006)
-  TEST HOLE / STANDPIPE PIEZOMETER INSTALLED UNDER A DIFFERENT ASSIGNMENT

**NOTES :**

1. FEATURE LOCATIONS ARE APPROXIMATE.
2. PREVIOUS OBSERVATIONS SHOWN IN BLACK
3. SITE WAS REPAIRED IN 2007 WITH A TOE BERM PLACED ALONG THE NORTHEAST SIDESLOPE. SITE IS PERFORMING WELL WITH NO PAVEMENT DISTRESS.



**CROSS-SECTION A-A'**  
NOT TO SCALE

THURBER PROJECT #15-16-218

ALBERTA TRANSPORTATION

**SITE PLAN AND CROSS SECTION A-A'**



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NORTH CENTRAL (EDSON) 2008  
GEOHAZARD ASSESSMENTS  
ROCHFORD BRIDGE (COOPER'S FLATS), AB

HWY 43:18 - km 9.5  
NE-22-56-6-W5M

ENGINEER:	RVC	DRAWN:	CMH	APPROVED:	DWP
DATE:	JUNE, 2008	SCALE:	N.T.S.	DRAWING No.:	FIGURE NC30-1



Photo 1 – New pavement overlay.



Photo 2 – New toe berm.