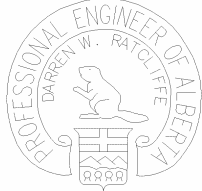


SITE NUMBER AND NAME C13 H56:08 Slide		HIGHWAY & KM	PREVIOUS INSPECTION DATE May 27, 2005	INSPECTION DATE May 15, 2006
LEGAL DESCRIPTION SE 20-28-19-W4	NAD 83 COORDINATES N 5695784 E 387155	RISK ASSESMENT PF: 9 CF: 1 TOTAL: 9		

SUMMARY OF SITE INSTRUMENTATION: None	INSPECTED BY: 
LAST READING DATE:	
PRIMARY SITE ISSUE: Slope failure	
APPROXIMATE DIMENSIONS: 20 m wide and about 3 m high, extending about 15 m up the slope from the toe	
DATE OF ANY REMEDIAL ACTION:	

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

COMMENTS
Refer to previous inspection reports and attached photos
Even in dry weather, a distinct seepage zone is apparent at the base of the slide. The native material appears to be a light brown silt that is being softened by the water flow and creating the instability. The proposed repair for the site is to construct a gravel drain to carry the water from the backscarp to the ditch and reinstate the slope. At the time of the inspection, the ditch area had been cleaned as shown in the photos. Material should be excavated from the slide area and temporarily stockpiled in the ditch. The intent is to be able to install the gravel drain on a smooth clean surface that is well graded to the ditch area.
Filter cloth is to be placed for the full width over the base area and extending from the slope toe up the slide area to about 0.5 m above the seepage zone. The approximate required dimensions are 10 m by 20 m. A 0.2 m thick pit run gravel layer is then to be placed on the filter cloth. Approx. quantity 40 m ³ . A second layer of filter cloth is then to be placed over the gravel ensuring that the gravel is completely enclosed. The slope can then be reinstated over the drain. Care should be taken not to bury the drain outlet at the toe of the slope.



