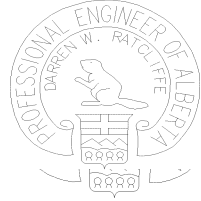


SITE NUMBER AND NAME C32 H838:02 Erosion		HIGHWAY & KM 10+100	PREVIOUS INSPECTION DATE June 4, 2009	INSPECTION DATE July 19, 2010
LEGAL DESCRIPTION SE34-29-21-W4	NAD 83 COORDINATES N 5709625 E 370580		RISK ASSESMENT PF: 1 CF: 1 TOTAL: 1	

SUMMARY OF SITE INSTRUMENTATION: None	INSPECTED BY: 
LAST READING DATE:	
PRIMARY SITE ISSUE: Internal erosion of fill due to separated downslope culvert.	
APPROXIMATE DIMENSIONS: The erosion feature was about 5 m deep and was located about 10 m from the edge of the highway.	
DATE OF ANY REMEDIAL ACTION: Geo-cell ditch protection constructed in Spring 2005. Pipe replaced in 2007.	

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		The geo-cell ditch protection provided in 2005 is generally performing well with occasional washouts. Additional erosion is occurring upslope of the geo-cell ditch protection. The south end of the ditch is passed into a buried 600 mm diameter CSP leading to the base of a high fill section. The pipe separated close to the top of the downdrain and flow leaving the pipe entered the fill. Due to the high erosion potential of the fill, a large underground void opened into a large erosion feature where the flow daylighted on the fill slope and continued to the base of the valley beside the pipe. This pipe was replaced with a buried HDPE pipe in 2007.	X	
Seepage		X			X
Culvert Distress	X				X

COMMENTS
Refer to previous reports. This site can be removed from the assessment program.
The buried CSP was excavated and removed in 2007. A partially buried HDPE pipe was installed as a replacement and is performing well.













Site C32 H838:02 Pipe Erosion
July 19, 2010

