


SITE NUMBER AND NAME <b>C23 H854:01 Erosion</b>		HIGHWAY & KM	PREVIOUS INSPECTION DATE May19, 2011	INSPECTION DATE <b>June 19, 2012</b>
LEGAL DESCRIPTION SW 18-43-17-W4	NAD 83 COORDINATES N 5839620 E 402103		RISK ASSESMENT PF: 9 CF: 2 TOTAL: <b>18</b>	

SUMMARY OF SITE INSTRUMENTATION:  None	INSPECTED BY:  
LAST READING DATE:	
PRIMARY SITE ISSUE:  Ditch erosion with sediment flowing into the Battle River	
APPROXIMATE DIMENSIONS:	
DATE OF ANY REMEDIAL ACTION: October 2003 – gabion chute and stilling basin constructed in east ditch. Culvert under road carries east ditch flow to gabion chute.	

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		Minor erosion rills are forming outside the protected areas. One section of gabion chute has collapsed due to internal erosion, exposing the side slopes. The exposed area is gradually eroding a void.	X	
Seepage		X			X
Culvert Distress	X		Inlet and outlet basins of culvert under road were nearly full of sediment in 2011, but have since been cleaned out to permit free flow of water.	X	

**COMMENTS**

Refer to previous reports and attached photos.

Structures and re-graded areas are generally performing well. One section of the gabion chute above the stilling basin has suffered internal erosion resulting in the gabion mat collapsing into the void and exposing the side slopes. Erosion of the exposed area of the chute continues.

It is recommended that the collapsed area of the chute be filled with large angular rock and/or clean rubble; the more time that elapses before the chute is protected with rock, the larger the volume of rock that will be required due to on-going erosion.