

Slide Name: (GP 20) Hwy 40:36 North of Grande Cache - Backslope of Climbing Lane
Inspection Date: June 25, 2003
Inspection By: Alberta Transportation and EBA Staff listed on Page 1

1.0 BACKGROUND

Refer to EBA 2002 and earlier reports for site conditions and details of risk assessment.

2.0 OBSERVATIONS

- No adverse change of site conditions was observed.
- Previous backslope sloughing was caused by seepage from horizontal drains that were severed by widening construction in 1999/2000.
- The reconstruction of the sloughed area with pit run material may not be necessary due to low height of the slope and gravel overburden material that will drain relatively freely.
- The low backslope has apparently stabilized through minor regrading efforts and continual clean-out of ditch is a pragmatic measure.

3.0 RISK ASSESSMENT

PF (6) * CF (2) = 12

Risk rating has not changed since that assessed in 2001.

4.0 ACTION

- Continue visual monitoring of the slope on an annual basis.
- Due to the low height of backslope and the granular overburden material, it is considered pragmatic to allow the backslope to undergo its natural stabilization process and clean out the ditch when required.



Based on 1997 Aerial Photograph



Figure 1
Site Plan
Backslope Slippage at Climbing Lane

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Photo 1
Looking downgrade (away from Grande Cache)
- Seepage noted along backslope



Photo 2
Close up - Looking downgrade (away from Grande Cache)



Photo 3
Looking upgrade (towards Grande Cache)
- Seepage noted along backslope



Photo 4
Close up - Looking upgrade (towards Grande Cache)

Note: Photos taken June 2003