

Slide Name: (GP 15b) SH 727:02 Ksituan River

Inspection Date: June 20, 2006

Inspection by: Alberta Infrastructure & Transportation and KarlEng Staff listed on Page 1

## **1.0 BACKGROUND**

Deterioration of this slide necessitated the realignment of existing highway. The study of a new alignment was completed in late 2005 for fast-tracking the detailed design and its construction. As of June 2006, it is understood that detailed design and construction of the new alignment is in progress so that it can urgently replace the existing slide-infested highway alignment.

In the interim prior to construction completion of the new alignment, it was discussed that the existing alignment will be maintained to allow passage of traffic. The traffic volume using this existing roadway should be of low intensity and this roadway interim maintenance strategy should be viable.

## **2.0 OBSERVATIONS**

Over the recent 2005/2006 year, the distressed slide areas have not significantly manifested to affect the passage of traffic. It should be viable to adopt adequate signing and barricade safety measures to maintain adequate roadway width to allow passage of traffic prior to completion of the new alignment.

## **3.0 RISK ASSESSMENT**

The following assessment is updated, as appropriate, from previous AIT reports.

$$PF ( 11 ) * CF ( 5 ) = 55$$

Note:

- The risk assessment is provided based on a categorization of Hazard Probability Factor (PF) and Consequence Factor (CF) as provided by AIT's RFP 2000. The details are provided in Table II at front portion of this Report.

## **4.0 ACTION**

As a new alignment is being constructed to replace this slide infested highway, it will be pragmatic to keep it in a passable condition for traffic operation. For practical geotechnical risk assessment purposes, it was discussed that future inspection assessment of this will be not be necessary as a new alignment is being constructed. Thus, this site should be classified as inactive and future inspection no longer necessary.

However, if it should happen that future delay of construction of the realignment is to occur, future reactivation of this site assessment will be reviewed as necessary.

END