

S10 – SECONDARY HIGHWAY 762 MISCELLANEOUS SITES

Site B Background

Site B is located on Secondary Highway 762, approximately 19 km south of the junction with Highway 22X (as measured along the highway).

There is limited background information available regarding this site. Annual assessments have been performed at this site by AT and AMEC personnel since the spring of 2000. Minor settlement and cracking of the road surface was noted at this site during previous assessments. An overlay was placed at this site just hours before the July 2003 site assessment.

Site Assessment

The site assessment was performed on May 25, 2004. The weather at the time of the site assessments was clear and calm.

The site assessment covered the road surface and adjacent slopes across the Site B area.

Observations

The following points summarize the observations made during the site assessment. Please also refer to Appendix S10 for annotated photographs.

- Some longitudinal cracking was noted at north end of July 2003 overlay as shown in Photos S10B-1 and S10B-2. These cracks were not considered to be the result of geotechnical instability.
- Otherwise, no significant cracks were noted in the July 2003 overlay (Photos S10B-3 and S10B-4).

Discussion

Based on the visual observations during the current site assessment, it does not appear that the previously-noted settlement and cracking of the road surface has been active since the July 2003 assessment.

Assessment and Risk Level

The previously-noted settlement and cracking of the road surface has been treated as a maintenance issue to date. Given that the settlement and cracking has not been very active in recent years this appears to be a reasonable strategy for the foreseeable future.

AMEC recommends the following Risk Level factors for this site:

- The Probability Factor should be reduced from 4 to 3 on the basis of the

relative inactivity since the July 2003 overlay was placed.

- The Consequence Factor should be kept at 4, which reflects the potential for a portion of the road to be closed if the previously-noted settlement and cracking were to reactivate.

Therefore, the recommended Risk Level for this site is 12, which is a reduction from the value of 16 recommended after the 2003 assessment.

Recommendations

AMEC recommends the following future work for this site:

AT and/or maintenance contractor personnel should check the settlement and cracking conditions at this site regularly. This would provide a level of due diligence in case the settlement and cracking reactivates and damages the road surface.

The annual site assessments should be discontinued unless significant cracking and road surface settlement is reported by the MCI or maintenance personnel.