

De : Charles-A. Drolet [mailto:droletca@videotron.ca]
Envoyé : 30 mai 2005 22:43
À : routel75@bape.gouv.qc.ca
Objet : TR : Overpass for moose

Voici une note additionnelle relativement à la question des passages pour orignaux à l'intention de M. Deriger ou de M. Marquis.

-----Message d'origine-----
De : Tony.Clevenger@pc.gc.ca [mailto:Tony.Clevenger@pc.gc.ca]
Envoyé : 30 mai, 2005 17:15
À : Charles-A. Drolet
Objet : Re: Overpass for moose

Dear Mr Drolet,
Although there are few moose in Banff's Bow Valley compared to a decade ago, we still have some in the area of the wildlife crossings and have documented their use of them.

In short, we find that moose here are highly sensitive to crossing Design types, preferring to use open, wide structures with lots of light (overpasses or large span bridge underpasses) compared to smaller structures. This can be found in our Final Report 2002 (see below; download may takes 10-20 minutes as it's 25MB in size), page 2-14.

We have documented moose in snow coming up to 4 (Ht) x 7 m (L) Elliptical culverts, and not entering but walking along the fence 2 km to cross TCH At end of fence.

Fencing and crossings are proven measures to reduce wildlife-vehicle collisons (by 80-90% reductions), but these measures must be designed properly to be most effective. Wildlife habitat and corridors must be managed properly to allow for animals to move on landscape and arrive at passages in order to use them and them to be effective measures at Reducing habitat fragmentation effects. Human activity-disturbance around, at or In vicinity of passages can compromise the efficacy entirely (see p 3-3,4 Of final report).

I hope this may be of use. Please feel free to call if you need further information,

regards,
Tony Clevenger

~~~~~  
Anthony P Clevenger, Ph.D.  
Research ecologist  
Western Transportation Institute  
Montana State University