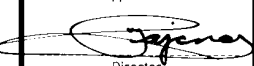


The template used for design of this intersection is based on a combination of the worst outswing and offtracking that would occur with any of the typical Log Haul Truck-Trailer configurations used in Alberta.

Note 1: The sight distance requirement for left turning log haul trucks at this intersection is based on 22 seconds (ie. 20 seconds for left turn plus 2 seconds for perception/reaction time). This computes to 672m for a 110km/h design speed. The sight distance requirement for a crossing manoeuvre is 596m, based on 19.5 seconds (17.5 + 2 seconds) and a 110km/h design speed. Adjustments should be made where required for different design speeds, roadway widths, skew angles, or steep gradients. The sight distance available should be measured based on an eye height of 2.1m and an object height of 1.3m.

No.		REVISIONS		BY		DATE	
Approved:				 Alberta TRANSPORTATION AND UTILITIES Engineering Division			
Director, Design Engineering Branch							
Date: JANUARY 29, 1993				LOG HAUL INTERSECTION TYPE 3 LEFT OR RIGHT TURN FROM MINOR ROAD			
Prepared By: Cgk	Checked By: B.K.	Scale: N.T.S.	Dwg. No.: CB6-2.3M21C				