**Title**
Design and Operational Considerations to Accommodate Long Combination Vehicles and Log Haul Trucks on Rural Highways in Alberta, Canada

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**Abstract**
Major public highway systems in the Province of Alberta in western Canada have been designed and operated to allow regular usage by a number of large and somewhat unconventional truck trailer configurations. Thirty years of experience in accommodating these vehicles as part of the regular traffic stream has resulted in the development of some unique geometric design strategies. The merging of special oversized vehicles together with other design vehicles for highway design purposes has been very successful. Although there are some additional capital costs incurred in highway construction, the additional expenditures are justified based on enhanced safety and more efficient transportation systems to support specific industries and the general economy.

**Key Words**
Long Combination Vehicles  
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