

## DEFINITIONS LINK VOLUME REPORTS

<b>HWY</b>	Highway Number and Suffix
<b>CS</b>	Control Section is a section of highway defined by Alberta Transportation. Each highway has one or more control sections.
<b>TCS</b>	Traffic Control Section is a portion of a control section that has similar traffic characteristics. Each control section has one or more traffic control sections. Traffic Control Sections are defined by Program Management Branch.
<b>FROM</b>	Start reference point of a section of highway.
<b>TO</b>	End reference point of a section of highway.
<b>LENGTH</b>	Length in kilometres of a section of highway.
<b>WAADT</b>	Weighted Annual Average Daily Traffic. The average daily two-way traffic volume for a section of highway expressed as vehicles per day for the period of January 1 to December 31 (365 or 366 days).
<b>WASDT</b>	Weighted Average Summer Daily Traffic. The average daily two-way traffic volume for a section of highway expressed as vehicles per day for the period of May 1 to September 30 (153 days).

## CLASSIFICATIONS

<b>%PV</b>	Percentage of traffic volume classified as Passenger Vehicle (Cars, Pickup Trucks, Sport Utility Vehicles, Vans, Motorcycles)
<b>%RV</b>	Percentage of traffic volume classified as Recreation Vehicles (Cars or Pickup Trucks with Trailers, Campers)
<b>%BU</b>	Percentage of traffic volume classified as Buses (School, Inter City, Transit, Disabled Transportation)
<b>%SU</b>	Percentage of traffic volume classified as Single Unit Trucks (Single non-articulated trucks greater than 3 tonnes in weight)
<b>%TT</b>	Percentage of traffic volume classified as Tractor Trailer Combinations (Articulated Tractor and Trailer Combinations)
<b>%CM</b>	Percentage of traffic volume classified as Commercial Vehicles (BU + SU + TT)

## TRAVEL MVKM (Million Vehicle Kilometres)

<b>Annual</b>	WAADT multiplied by travel distance times 365 or 366 days and divided by one million
<b>Summer</b>	WASDT multiplied by travel distance times 153 days (May 1 to September 30) and divided by one million

## ESAL / DAY / DIR (Equivalent Single Axle Load per Day per Direction)

An Equivalent Single Axle Load is defined as an application of an 80 kiloNewton single axle dual tire load.  
(80 kiloNewtons = 18,000 lbs force or 8100 kilograms)

<b>SU</b>	Single Unit Trucks ESAL/Day/Dir An average Alberta single unit truck =	<b>0.881 ESAL *</b>
<b>TT</b>	Tractor Trailer ESAL/Day/Dir An average Alberta tractor trailer combination =	<b>2.073 ESAL *</b>
<b>Total</b>	Total ESAL/Day/Dir (SU + TT)	

(\*source: "Protection of Alberta's Roads- A Study of Commercial Vehicle Weight and Safety Compliance " KPMG June 28, 1995)