





































# FHWA'S 13 VEHICLE CATEGORY CLASSIFICATION

<b>Class 1</b> Motorcycles		<b>Class 7</b> Four or more axle, single unit	
<b>Class 2</b> Passenger cars		<b>Class 8</b> Four or less axle, single trailer	
			
<b>Class 3</b> Four tire, single unit		<b>Class 9</b> 5-Axle tractor semitrailer	
			
			
<b>Class 4</b> Buses		<b>Class 10</b> Six or more axle, single trailer	
			
			
<b>Class 5</b> Two axle, six tire, single unit		<b>Class 11</b> Five or less axle, multi trailer	
			
			
<b>Class 6</b> Three axle, single unit		<b>Class 12</b> Six axle, multi-trailer	
			
			
<b>Class 13</b> Seven or more axle, multi-trailer		<b>Class 13</b> Seven or more axle, multi-trailer	
			
			

Source: Federal Highway Administration.

# VEHICLE CLASS SCHEMES

## FHWA 13 CLASS SCHEME

## NCDOT 4 CLASS SCHEME

Class 1 – Motorcycles	PV
Class 2 – Passenger Cars	
Class 3 – 2 Axle 4 Tire Vehicles (Pickups, SUVs, Vans)	
Class 4 – Buses	DUALS
Class 5 – 2 Axle SU	
Class 6 – 3 Axle SU	
Class 7 – 4 or More Axle SU	
Class 8 – 4 Axle TTST with a Single Trailer	TTST
Class 9 – 5 Axle TTST with a Single Trailer	
Class 10 – 6 or More Axle TTST with a Single Trailer	
Class 11 – 5 Axle TTST with Two Trailers	TWINS
Class 12 – 6 Axle TTST with Two Trailers	
Class 13 – 7 or More Axle TTST with Two Trailers	

PV - Passenger Vehicles

SU - Single Unit Trucks

TTST - Truck, Tractor with Semi Trailer