























# VEHICLE CLASSIFICATION TABLES

FOR FHWA 13

Bin Number	Axle Range	Bin Category Name
1	2	Motorcycles
2	2-4	Passenger Cars (w/wo trailers)
3	2-5	Other two axle, 4 tire vehicles (w/wo trailers)
4	2-3	Buses
5	2-5	Two axle, 6 tire, single trailer trucks
6	3	Three axle, single unit trucks
7	4	Four axle, single unit trucks
8	3-4	Four or less axle, single trailer trucks
9	5	Five axle, single trailer trucks
10	6-10	Six or more axle, single trailer trucks
11	5	Five axle, multi-trailer trucks
12	6	Six axle, multi-trailer trucks
13	7-13	All other vehicles

The table above describes the default bin categories that were used in the classifiers that collected the data for this project. These bins are used to total up all vehicles meeting the predetermined set of criteria for FHWA 13 – Scheme ‘F’ classification.

The table below indicates the visual representation of the different vehicle types assigned to each particular class in the FHWA 13 scheme.

Bin No.	No. of Axles	Vehicle Type	Bin No.	No. of Axles	Vehicle Type
1	Motorcycle		8	Artic, 2-Axle Tractor & 1-Axle Semi-Trailer	
2	Car	 		Artic, 2-Axle Tractor & 2-Axle Semi-Trailer	
	Car and 1-Axle Trailer			Artic, 3-Axle Tractor & 1-Axle Semi-Trailer	
	Car and 2-Axle Trailer		9	Artic, 2-Axle Tractor & 3-Axle Semi-Trailer	
3	Light Goods Vehicle (LGV)			Artic, 3-Axle Tractor & 2-Axle Semi-Trailer	
	LGV and 1-Axle Trailer		10	Artic, 2-Axle Tractor & 4-Axle Semi-Trailer	
	LGV and 2-Axle Trailer			Artic, 3-Axle Tractor & 3-Axle Semi-Trailer	
	LGV and 3-Axle Trailer		11	Multi-Trailer Truck, 5-Axle or less	
4	Bus 2-Axle			12	Multi-Trailer Truck, 6-Axle
	Bus 3-Axle		13		Multi-Trailer Truck, 7-Axle or greater
5	Rigid 2-Axle Truck (HGV)				
6	Rigid 3-Axle Truck (HGV)				
7	Rigid 4 or more Axle Truck (HGV)				
	Rigid 4 or more Axle Truck (HGV)	