DEFINITIONS OF VISUAL CLASSIFICATION OF HEAVY COMMERCIAL VEHICLES
BY BODY TYPE, INDUSTRY, AND ANY ADDITIONAL DETAILS

The following examples are to help clarify the different body types, the industry and any additional details that may help planners understand the freight that is being shipped at the site. For clarification of the 13 vehicle classes please refer to the following webpage.
http://www.dot.state.mn.us/traffic/data/reports/vc/Vehicle_Classification_Scheme.pdf

The following table summarizes the body types and special modifiers or additional details. The table also provides an example photograph of the vehicle for reference including the vehicle classification. Due to variations in body type design by vehicle class sometimes multiple photographs are presented.

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<thead>
<tr>
<th>Body Type</th>
<th>Special Modifier</th>
<th>Photograph &amp; Page</th>
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<td>Box</td>
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<td>3A, 3B, 4A, 4B</td>
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<tr>
<td>Box</td>
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<td>5A, 5B</td>
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<tr>
<td>Bus</td>
<td></td>
<td>6A, 6B, 7A</td>
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<tr>
<td>Concrete Truck</td>
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<td>7B</td>
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<tr>
<td>Drill Rig</td>
<td></td>
<td>8A</td>
</tr>
<tr>
<td>Dump Truck</td>
<td></td>
<td>8B</td>
</tr>
<tr>
<td>Dump Truck Low Box</td>
<td>Low Box</td>
<td>9A</td>
</tr>
<tr>
<td>Dumpster Hauler</td>
<td></td>
<td>9B, 10A</td>
</tr>
<tr>
<td>Dumpster Hauler No Dumpster</td>
<td></td>
<td>10B</td>
</tr>
<tr>
<td>Farm Equipment</td>
<td></td>
<td>11A, 11B</td>
</tr>
<tr>
<td>Flatbed</td>
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<td>12A, 12B, 13A, 13B</td>
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<tr>
<td>Flatbed w/Hoist</td>
<td>w/Hoist</td>
<td>14A, 14B</td>
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<tr>
<td>Garbage Truck</td>
<td></td>
<td>15A</td>
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<tr>
<td>Grain Box Aggregate</td>
<td>Aggregate</td>
<td>15B, 16A, 16B, 17A, 17B</td>
</tr>
<tr>
<td>Grain Box Grain</td>
<td>Grain</td>
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<td>Grain w/Feed Auger</td>
<td></td>
<td>20A, 20B, 21, 22A</td>
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<tr>
<td>Livestock Trailer</td>
<td></td>
<td>22B, 23A, 23B</td>
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<td>Low Boy</td>
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<td>24A, 24B</td>
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<td>Service Truck Emergency Vehicle</td>
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<tr>
<td>Service Truck Railroad Maintenance Vehicle</td>
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<td></td>
</tr>
<tr>
<td>Service Truck Tow Truck</td>
<td>Tow Truck</td>
<td>28A, 28B</td>
</tr>
</tbody>
</table>
The following tables summarize the different industries for the heavy commercial vehicles and additional modifiers that may be used to describe the heavy commercial vehicles.
Photo 3A: Class 5, 2 axle, 6 tires, Single Unit; Box.

Photo 3B: Class 8, 3 axle, Semi-Tractor with Trailer; Box; Shipping.
Photo 4A: Class 9, 5 axle, Semi-Tractor with Trailer; Box.

Photo 4B: Class 6, 3 axle Truck and Trailer; Box.
Photo 5A: Class 5, 2 axles, Single Unit; Box; Reefer.

Photo 5B: Class 9, 5 axle, Semi-Tractor with Trailer; Box; Reefer.
Photo 6A: Class 5, 2 axles, Single Unit; Bus.

Photo 6B: Class 5, 2 axles, Single Unit; Bus.
Photo 7A: Class 4, 3 axles, Single Unit; Bus.

Photo 7B: Class 7, 4+ axle, Single Unit; Construction; Concrete Truck.
Photo 8A: Class 6, 3 axle, Single Unit, Construction; Drill Rig.

Photo 8B: Class 6, 3 axles, Single Unit; Dump Truck; Empty.
Photo 9A: Class 5, 2 axles, Single Unit; Dump Truck, Low Box.

Photo 9B: Class 7, 4+ axle, Single Unit; Dumpster Hauler; Full.
Photo 10A: Class 6, 3 axle, Single Unit; Dumpster Hauler; Full.

Photo 10B: Class 6, 3 axle, Single Unit; Dumpster Hauler, No Dumpster.
Photo 11A: Class 5, 2 axle, Single Unit; Farm Equipment, Agriculture.

Photo 11B: Class 5, 2 axle, Single Unit; Farm Equipment, Agriculture.
Photo 12A: Class 6, 3 axles, Single Unit; Flatbed, Empty.

Photo 12B: Class 6, 3 axles, Single Unit; Flatbed, Full. Notice this is the same vehicle as above just loaded and going in the opposite direction.
Photo 13A: Class 9, Semi-Tractor with Trailer; Flatbed; empty.

Photo 13B: Class 9, 5 axle, Semi-Tractor with Trailer; Flatbed.
Photo 14A: Class 6, 3 axles, Single Unit; Flatbed; Construction – Materials; w/Hoist, Loaded.

Photo 14B: Class 6, 3 axles, Single Unit; Flatbed; w/Hoist.
Photo 15A: Class 6, 3 axle, Single Unit; Waste; Garbage Truck.

Photo 15B: Class 9, Semi-Tractor with Trailer; Grain Box, Aggregate.
Photo 16A: Class 9, 5 axle, Semi-Tractor with Trailer; Grain Box; Aggregate.

Photo 16B: Class 9, 5 axle, Semi-Tractor with Trailer; End-Dump Hopper, Aggregate.
Photo 17A: Class 9, 5 axle, Semi-Tractor with Trailer; Heavy-Duty Bottom-Dump; Aggregate.

Photo 17B: Class 9, 5 axle, Semi-Tractor with Trailer; Grain Box; Aggregate.
Photo 18A: Class 9, 5 axle, Semi-Tractor with Trailer; Grain Box; Grain.

Photo 18B: Class 9, Semi-Tractor with Trailer; Grain Box; Grain.
Photo 19A: Class 9, 5 axle, Semi-Tractor with Trailer; Grain Box; Grain.

Photo 19B: Class 9, 5 axle, Semi-Tractor with Trailer; Grain Box; Grain.
Photo 20A: Class 7, 4+ axles, Single Unit, Grain with Feed Auger; Grain.

Photo 20B: Class 9, 5 axle, Semi-Tractor with Trailer; Grain with Feed Auger, Grain.
Photo 21: Class 9, 5 axle, Semi-Tractor with Trailer; Grain with Feed Auger, Grain.
Photo 22A: Class 5, 2 axles, Single Unit, Grain Box, Agriculture; Grain.

Photo 22B: Class 9: 5 axle, Semi-Tractor with Trailer; Agriculture; Livestock.
Photo 23A: Class 9, 4 axle, Truck with Trailer; Agriculture; Livestock, Poultry.

Photo 23B: Class 9, 5 axle, Semi-Tractor with Trailer; Agriculture; Livestock Trailer.
Photo 24A: Class 9, 5 axle, Semi-Tractor with Trailer; Low Boy; Construction Equipment.

Photo 24B: Class 8: 4 axle, Semi-Tractor with Trailer; Lowboy; Auto parts.
Photo 25A: Class 4, 2 axles, Single Unit; Recreational Vehicle; w/Car being towed.

Photo 25B: Class 3, 2 axle, Truck with Trailer; RV.
Photo 26A: Class 6, 3 axle, Single Unit; Semi-Tractor w/o Trailer.

Photo 26B: Class 8, 4 axle, Semi-Tractor; with another piggy-backing.
Photo 27A: Class 5, 2 axles, Single Unit; Service Truck; Emergency Vehicle.

Photo 27B: Class 6, 3 axles, Single Unit; Service Truck; Shipping, Railroad Maintenance Vehicle.
Photo 28A: Class 9, 5 axles, Semi-Tractor with Trailer; Service Truck; Tow Truck.

Photo 28B: Class 5, 2 axles, Single Unit; Service Truck; Tow Truck.
Photo 29A: Class 9, 5 axle, Truck with Trailer; Service Truck; Construction; Utility: w/Construction Equipment.

Photo 29B: Class 5, 2 axles, Single Unit; Service Truck; Service Industry.
Photo 30A: Class 5, 2 axles, Single Unit; Service Truck; Utility.

Photo 30B: Class 10, 6 axle, Truck with Trailer; Stake Truck; Construction; w/Construction Equipment.
Photo 31A: Class 12, 6 axle Twin Trailer; Stake; Timber. This one weighed 102,000 pounds!

Photo 31B: Class 9, 5 axle, Semi-Tractor with Trailer; Tanker; Dry Bulk Tanker.
Photo 32: Class 9, 5 axle, Semi-Tractor with Trailer; Tanker; Non-Flammable Compressed gas.
Photo 33A: Class 7, 4+ axle, Single Unit; Tanker; Dairy.

Photo 33B: Class 9, 5 axle, Semi-Tractor with Trailer; Tanker; Food; Dairy.
Photo 34A: Class 5, 2 axle, 6 tires, Single Unit; Tanker; Fuel; Petroleum.

Photo 34B: Class 9, 5 axle, Semi-Tractor with Trailer; Tanker; Fuel; Petroleum.
Photo 35A: Class 5, 2 axle, 6-tires, Single Unit; Tanker; Fuel; Propane or Liquid Natural Gas (LNG).

Photo 35B: Class 9, 5 axle, Semi-Tractor with Trailer; Tanker; Fuel; Propane or LNG.
Photo 36A: Class 6, 3 axle, Single Unit; Tanker; Waste; Vacuum Truck; Septic or Liquid Waste.

Photo 36B: Class 9, 5 axle, Semi-Tractor with Trailer; Tanker; Liquid.
Photo 37A: Class 9, 5 axle, Semi-Tractor with Trailer; Tanker; Liquid.

Photo 37B: Class 9: 5 axle, Semi-Tractor with Trailer; Shipping; Car Carrier.
Photo 38A: Class 9, 5 axle; Unknown.

Photo 38B: Class 5, 2 axle, Single Unit; Van.