

**MATERIAL TRANSFER VEHICLE (MTV)  
(5-9-0820A)**

Paragraph 6. of Subsection 503.03 in the Standard Specifications is void and superseded by the following:

**6. Material Transfer Vehicles**

- a. Material Transfer Vehicles (MTV) are required for all asphalt paving with the following exceptions unless otherwise noted in the plans or specifications.
  1. Projects that consist of 5000 Tons or less of mainline paving.
  2. MTV is not required for paving: Irregular areas, Ramps, Surfacing Under Guardrail, widenings that are not paved integral during the mainline paving, and any other areas of paving as directed by the Engineer.
  3. If a breakdown of the MTV equipment occurs, the contractor shall halt production of the asphaltic concrete but will be allowed to place the remainder of the asphaltic concrete material that has been produced at that time, including trucks in transfer and silo storage material.
- b. MTV's will be defined into 2 Classes:  
  
Class I – MTV Storage Capacity Rating greater than 15 Tons  
(Roadtec 1500 & 2500, Weiler 2850)  
  
Class II – MTV Storage Capacity Rating 15 Tons or less  
(Roadtec 1100 & 1105, Weiler 1250 & 1650)  
  
\*Other types/brands not listed, the classification will be established by the Construction Division based on the storage capacity rating and axle loading, prior to use on all projects.
- c. Before crossing any bridges, the hopper must be reduced to the lowest level (weight) possible that can still maintain paving operations on bridges that are overlaid. Bridges that are not overlaid, the MTV must be empty. The plans or special provisions will note any areas that will be load weight restricted in addition to the restrictions stated in this special provision.
- d. Shall be self-propelled and capable of moving independent of the paver and not attached to the paver.
- e. Conveyor, storage, and delivery components shall have a positive restraint along the sides to prevent material spillage.
- f. The paver must be equipped with a hopper insert designed for the MTV with a minimum capacity of 8 Tons.

- g. Track type MTV's are allowed.
- h. Shall be capable of receiving and storing bituminous mixture from haul trucks, remixing, and delivering the mix to the paver hopper in a consistent uniform manner.
- j. Additional MTV size and load restrictions may be further limited at the discretion of the Engineer based on the existing pavement structure capabilities experienced during the construction process.

Subsection 503.05 is amended to include the following:

- 7. Asphaltic concrete materials placed with an approved MTV is subsidiary to the Asphaltic Concrete Type for which direct items are paid.