

## SECTION B – 3 – ROADWAY GEOMETRIC DESIGN CRITERIA

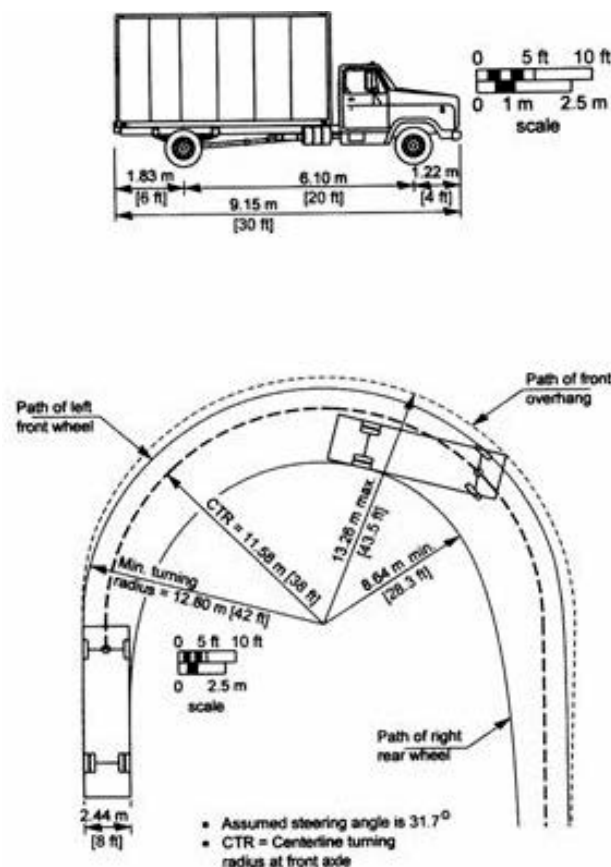
### A. COLLECTOR AND ARTERIAL ROADWAYS

Streets functionally classified as a "collector" and "arterial" should be designed in accordance with applicable provisions of VDOT's Road Design Manual.

### B. LOCAL ROADWAYS

Any street functionally classified as "local" shall have a minimum design based on the Geometric Design Standards for Residential Subdivision Streets, Tables 1-3 and other applicable provisions of this guide. These standards are depicted on the subsequent pages. The following criteria shall apply to the design of all subdivision streets functionally classified as "local":

1. A single-unit (SU) truck design vehicle, as defined by AASHTO, should be used for the design of all local subdivision streets. Dimensions for this vehicle are depicted in Exhibit 2-4 of the AASHTO Geometric Design of Highways and Streets 2001, shown as Figure 1.



**FIGURE 1 - "EXHIBIT 2-4" SCANNED FROM "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS," AASHTO, 2001**