

**EXAMPLE**

- When the Functional Classification for a project would normally warrant either Geometric Design Standard GS-1, GS-2, GS-3, or GS-4 and Geometric Design Standard GS-5, GS-6, GS-7 or GS-8, respectively, is used then it will be necessary to show the standard used in the design on the title sheet under the Functional Classification.
- If the normal Geometric standard would be GS-3 and Geometric Standard GS-7 is used, the title sheet is to show:

RURAL COLLECTOR-ROLLING-DIVIDED (Urban St'd. GS-7 was used)

**PAVEMENT TRANSITIONS\***

Pavement transitions typically occur where new or reconstructed roadways tie-in to existing roadways. This transition of pavement width shall meet the minimum length provided by the following equations:

Less than 45 mph

$$L = S^2W \div 60$$

45 mph and greater

$$L = W \times S$$

L = length of transition

S = Design Speed

W = Width of offset on each side

Transition length area shall include all roadside safety apparatus, if required.

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\* Rev. 3/11