

# Design Standards Letter

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**Section/Plan No.: D2-02, D4-04.1**

**Subject: Section 2-02  
Figure 4-04.1**

## Body

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Enclosed are English and metric revisions to the Design Division's *Project Development Manual* for the above noted section and figure. Revisions are summarized as follows:

**Contents, Volume I.** Revision date changed to 9-1-99 for the Contents sheet and Section 2-02.

**Section 2-02, Location Study/Environmental Report.** In Subsection 2-02.3 (1) (d), second paragraph, added last sentence stating that posted speed shall not be discussed in the location study/environmental report. Revised third paragraph in it's entirety. This paragraph instructs designers to design rural, divided roadways at the 70 mph (110 km/h) design speed. Should a rural, divided roadway contain elements of topography which would normally classify the roadway as "rolling" or "mountainous", those segments of the roadway which cannot satisfy the criteria for this design speed should be addressed through the design exception process as necessary. However, if a rural, divided roadway contains a considerable percentage of "rolling" or "mountainous" terrain, the designer should use the corresponding design criteria for such terrain.

**Figure 4-04.1.** Sheets 1/4 and 3/4: under the box culvert criteria, included footnote 14 for determining loading of box culverts.

Sheets 2/4 and 4/4: Removed footnote (1) C to correspond to the above revisions made in Section 2-02.

by/dts