

Earthwork quantities are computed as follows:

Metric: Add the areas of adjacent cut or fill, multiply by the distance between stations along the Construction baseline, and divide by 2.

(See [Appendix D, Section D – 1 – QUANTITY TABLES](#)):

English: Add the areas of adjacent cut or fill, multiply by the distance between stations along the Construction baseline, and divide by 54.

(See [Appendix D, Section D – 1 – QUANTITY TABLES](#)):

The **Volume*** Quantity is shown centered vertically between sections and in the second block to the left (for cut) and to the right (for fill) of the construction baseline.

On projects where the typical section and cross sections indicate a base or subbase material extended beyond the proposed pavement, curb, or curb and gutter in cut sections, the regular excavation will be computed to a vertical plane bounded by the farthest point.

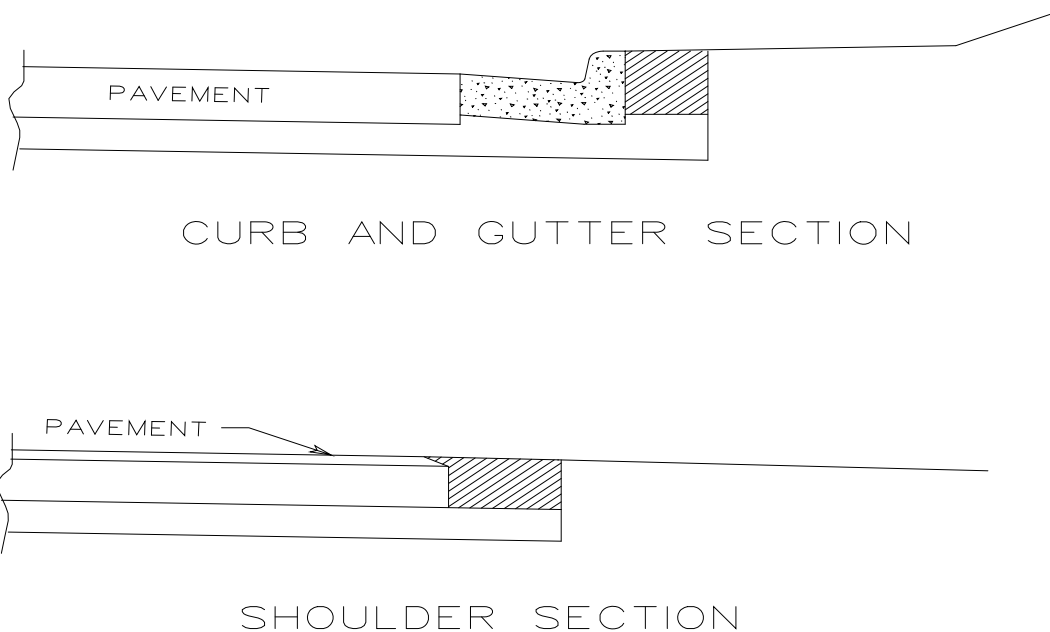


FIGURE 2D – 5 EARTHWORK QUANTITY EXAMPLE

A quantity is to be included in the plans for backfill of the hatched areas as shown in Figure 2D – 5 above.

On projects with bridges, earthwork quantities need to be adjusted to account for any excavation or fill material associated with the bridge spill.

* Rev. 7/06