

PLAN QUANTITIES- DETERMINATION OF PLAN QUANTITIES*

Plan quantities are items that are not likely to vary as a result of field conditions.

In accordance with Section 109.02 of the [Road and Bridge Specifications](#), items designated in the Contract as plan quantity will not be field measured, but will be paid as the quantity shown on the plans. Therefore, quantities shown as plan quantities should be carefully selected.

Attached is a list of items that, under normal design and project conditions are commonly considered for designation as plan quantity items. Any item, whether on the example list or not, may be designated as a plan quantity item only after consultation with the District Construction Engineer or his designee.

Plan quantity items are paid for based on the exact quantities shown on the plan summaries as plan quantities, whereas other items shown in the summary are estimated quantities and are paid for as measured in the field.

If the Contractor believes there is an error in a plan quantity figure, he may request that the Department check the computations by furnishing evidence and computations supporting his belief along with a written request for review (See Section 109.02 of the [Road and Bridge Specifications](#).)

Should the Department determine at any time that an actual measurement is warranted, the Department will make the necessary measurements in the field. Payment will then be based on the measured quantity instead of the plan quantity originally shown on the summary.

If during the design of a project, and after consultation with the District Construction Engineer or his designee, it is determined that conditions vary too much to pay for an item by plan quantity, then the plan quantity symbol should not be used indicating the plan summary reflects estimated quantities and payment would be based on actual quantities measured in the field.

Plan Summaries

All plan summaries are to show a symbol (⊗) by the appropriate plan quantity totals with the following note:

"Denotes item(s) to be paid for on the basis of plan quantities in accordance with the applicable provisions of the current Road and Bridge Specifications."

Note to designers: It will no longer be necessary to designate and code plan quantity items when preparing the Engineer's estimate. The plan quantity symbol will not appear as a margin code in the Schedule of Items in the bid proposal.

* Added 7/14