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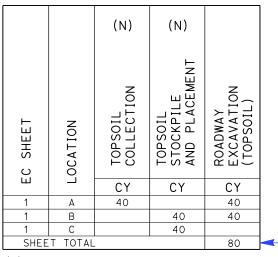
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Use this Erosion Control (Soil Preparation) example to show quantities for collection and placement for the "DUFF" and/or "ROADWAY EXCAVATION (TOPSOIL)" bid items. Stockpile quantities are shown here for Roadway Excavation (Topsoil) only.

## ROADWAY EXCAVATION (TOPSOIL) Collection, Stockpile AND Placement



### (N) – NOT A SEPARATE BID ITEM

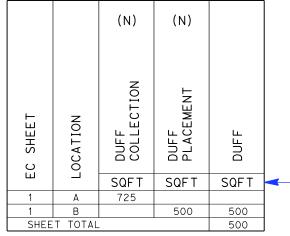
NOTE: Under the special provision for ROADWAY EXCAVATION (TOPSOIL), the amount shown in the Engineer's Estimate for ROADWAY EXCAVATION (TOPSOIL) includes the payment to the contractor for collecting the topsoil and moving it to the stockpile, and then moving it again for final placement. (This is called "double handling.") Typically this means collection amount is doubled to determine the total quantity for the ROADWAY EXCAVATION (TOPSOIL) bid item.

If the Resident Engineer orders an additional move, it will be paid as change order work.

Although there is often an amount of material lost during handling, there can also be some expansion of the material at placement. Showing equal amounts in the table for collection and placement is recommended.

EROSION CONTROL EXAMPLE D - SOIL PREPARATION QUANTITY SHEET)—(2 OF 2)

## DUFF COLLECTION AND PLACEMENT



<sup>(</sup>N) - NOT A SEPARATE BID ITEM

BORDER LAST REVISED 7/2/2010

USERNAME => DGN FILE =>

Dis	st COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Generally, stockpiling location of duff is not shown, so no column for it is required.

For larger quantities or areas, "DUFF" may be paid for by ACRE. Do not exceed 1 decimal place. (Notice there is a loss shown for handling of duff.)

Notice that the pay units for Duff are by area (SQFT or ACRES). Volumetric measurments are not used for Duff because of large differences in the amount of collection, chip size, and decomposition.

# EROSION CONTROL (SOIL PREPARATION) QUANTITIES

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PREPARATION QUANTITIES

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EXAMPLE

EROSION CONTROL

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