Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

LICENSED LANDSCAPE ARCHITECT

PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT
Signature
Renewal Date
Date
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

GENERAL

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

EC SHEET	LOCATION	(N) TOPSOIL COLLECTION	(N) TOPSOIL STOCKPILE AND PLACEMENT	ROADWAY EXCAVATION (TOPSOIL)
		CY	CY	CY
1	A	40		40
1	B		40	40
1	C		40	
SHEET TOTAL				80

(N) - NOT A SEPARATE BID ITEM

DUFF COLLECTION AND PLACEMENT

EC SHEET	LOCATION	(N) DUFF COLLECTION	(N) DUFF PLACEMENT	DUFF
		SQFT	SQFT	SQFT
1	A	725		
1	B		500	500
SHEET TOTAL				500

(N) - NOT A SEPARATE BID ITEM

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.

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.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® LANDSCAPE ARCHITECTURE
PLANS PREPARATION MANUAL

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EROSION CONTROL (SOIL PREPARATION) QUANTITIES

EROSION CONTROL EXAMPLE D - SOIL PREPARATION QUANTITY SHEET   2 OF 2

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