

Excavation Items (Embankment) Acceptance Testing

Embankment material requires testing and is paid for under various items. However, the quantity of excavation tested (embankment only) can vary from the quantity of excavation paid. Since the contractor is paid for the full excavation quantity used regardless of the number of tests required for embankment, the Conversion Factor has been set to zero on the Maintain Sample and Testing Requirements Window.

To create sample records for embankment materials:

1. If a Proctor is needed, the Field Operations Inspector will set up an "Information Only" sample record for Embankment (Material Code 203.02.002 for soil, 903.05.066- Type A, Grade A (Base Stone) or 903.05.067- Type A, Grade B (Base Stone)for aggregates) in SiteManager be sure to include the Contract on the Other tab. Details about this process can be found in "Contract Proctor Samples" procedure document http://www.tn.gov/assets/entities/tdot/attachments/Contract_proctor_samples_rev_2_23_2017.pdf
2. Once the tests are complete, Regional M&T will submit a request for new P/S using the naming layout of "CNX### - Aggregate from Jobsite". They will list all materials this stockpile meets specifications for use. Operations will use this P/S for all samples of the material.
3. Upon receipt of the Proctor Report (Contract Soil & Aggregate Proctor Report RR019a), the Field Operations Inspector will perform required density tests according to SOP 1-1 and record the item installed and Density test results in SiteManager.
4. Operations inspectors can run BOE report RR069- Contract Materials Sampling Summary to see material codes linked to the contract items. Example below:

Print Date: 09/07/2017
JJ01563

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
Contract Materials Sampling Summary**



Parameters: Contract: CNR060
Project Number: 72079-3203-94
Item: ALL
Include Sample IDs?: Yes
Sample Taken From: No Date Entered
Sample Take To: No Date Entered

Item		Item Totals	
Contract: CNR060	Project Number: 72079-3203-94	Bid + Change Order Quantity:	1,002.226
Item Code: 203-01	Item Unit: Cubic Yard	Quantity Paid To Date:	1,246.220
Item Description: ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)		Quantity Authorized To Date:	1,246.220
Category Number: 0100	Line Item Number: 0040	Quantity Unauthorized To Date:	0.000
Material Code: 205.04.001	Material Name: Embankment Material (Unclassified)	Material Unit: Cubic Yard	

Requirements (Testing)	Sample Totals
Sample Type: Acceptance	Required: 0.000
Acceptance Method: Acceptance	Reported: 0.000
Test Method Description: T310 - Nuclear Density/Moisture of Soil & Agg.	Authorized: 0.000
	Test Balance: 0.000

Special Instructions: See spec book section 205.04 for density testing requirements