

DATE March 30, 2018
TO DE, DCE, PMs
FROM James Knott, NDOT Construction Engineer
SUBJECT DIRECTIVE CONSTR 18-03: CONVERSION OF FIELD MEASURED EARTHWORK QUANTITIES TO ESTABLISHED QUANTITY

This Directive supersedes the December 18, 1996 Construction Division Directive.

CONSTRUCTION DIRECTIVE

This Directive is to provide policy for the interpretation of paragraph 1. a. (2) of subsection 109.01 of the Standard Specifications as it applies to earthwork pay items. This policy is created in order to expedite final payment to the contractor, reduce possible interest payments to the contractor, relieve a portion of the workload performed by field personnel, and to expedite contract close out.

Paragraph 1.a.(2) of Subsection 109.01 reads as follows:

“(2) When the work is performed according to the lines, grades, dimensions, and at the locations shown in the contract, the Engineer may elect to pay the plan quantity and not take actual field measurements.”

It is the policy of NDOT that the following pay items are eligible to have the method of measurement converted from field measured to established quantity:

1. Excavation Cubic Yard (CY)
2. Excavation Borrow Cubic Yard (CY)

Provided that the following requirements are met:

1. The grading has been built according to plan, or any changes to the plans have been documented by plan revision and/or change order.
2. The contractor has agreed, in writing, to the change in method of measurement.
3. The established quantity has been verified via random “spot checks” of the final grade or other methods as approved by the District Construction Engineer. A record of the verification checks should be stored in Onbase under the NDOT DIST Pay Items document type.

A Change Order Supplemental Agreement will be required to change the method of measurement from field measured to plan quantity. Only the method of measurement should be changed, the original pay item should not be modified.

This is not to be interpreted as an all-or-nothing policy. Areas of earthwork which can't be verified or for which no agreement can be reached may be excluded from the change order and field measured.