

Bridges and Structures

September 24, 2001

All Employees

521.1

Gary Novey

Bridges and Structures

MM No. 29 (Calculation of Excavation Classification Line)

There has been some confusion in the office on how to calculate the “Excavation Classification Line” elevation. This elevation is used for calculating excavation quantities and sets the limits between the “Class 20 Excavation” and “Class 21 Excavation”. To make the calculations more standardized, the following method should be used.

1. Reference the DOT form 621004 (Form 1-F) “Field Notes for Bridges and Large Culverts-Primary Road System”, from the preliminary forms. Item No. 7 has the average low water elevation and average streambed elevation.
2. Add one foot (0.300 m) to the average streambed elevation.
3. Take the higher elevation of the low water elevation and the average stream bed elevation plus one foot (0.300). Use this elevation for the “Excavation Classification Line”.

If you have any questions please check with your section leader.

GAN/DGB/ln