



SECTION 215

SHAPING SLOPES

215.1 Description. This work shall consist of grading and shaping existing slopes to eliminate shoulder drop off conditions as shown on the plans or as directed by the engineer.

215.1.1 Shaping Slopes, Class I, shall consist of shaping slopes where, in general, the material required to bring the roadway to the designated cross section can be obtained or disposed of within 1000 feet (300 m) on the right of way as directed by the engineer.

215.1.2 Shaping Slopes, Class II, shall consist of shaping slopes where it may be necessary to haul in excess of 1000 feet (300 m) or go outside the limits of the right of way for additional material to construct the slopes to the designated cross section or where it may be necessary to dispose of waste material outside the limits of the right of way. The contractor shall provide the engineer with an acceptable written agreement with any property owner from whose property additional material is to be obtained or on which excess excavation is to be disposed.

215.2 Construction Requirements. Slope areas to be shaped by the addition of material shall be scarified to allow bonding with the added material. Density shall be obtained from reasonable compactive efforts consisting of no less than three passes with a roller or other methods approved by the engineer. The contractor will not be required to excavate any classified rock excavation under this item.

215.3 Method of Measurement. Final measurement will not be made except where appreciable errors are found in the contract quantity.

215.3.1 Where required, measurement will be made to the nearest 1/10 station (5 m) separately for each length of slope measured along the centerline of the traveled way and totaled to the nearest 100 feet (25 m) for the sum of all segments.

215.3.2 Shaping Slopes, Class I or Class II, will apply only to those sections that have been specifically designated as such on the plans.

215.3.3 The correction will be added to or deducted from the contract quantity.

215.4 Basis of Payment. The accepted quantity of shaping slopes will be paid for at the contract unit price for each of the pay items included in the contract. If Shaping Slopes, Class I or Class II, is not provided but is required, payment will be in accordance with [Sec 104.3](#). No direct payment will be made for any additional material required for shaping slopes.