

the completion of the contract at such heights, levels and forms as directed by the Engineer.

32. The whole of the grading shall be carefully formed to the levels given, and the roadway in cutting shall invariably be rounded and left from six to eight inches lower at the sides than on the centre line. In rock cuttings it will be sufficient to form a water channel about two feet wide and eight inches deep along each side. All materials found in excavations, whether in road bed cuttings, ditches, water channels, road crossings, borrowing pits or elsewhere, must be deposited in such places as the Engineer may direct. In cases where the road-bed excavations are insufficient to form the embankments, the deficiency shall be supplied by widening the cutting, or from side ditches along the railway or from borrowing pits, but no material shall be supplied without his concurrence, and not until the cuttings are completed, without his express directions.

33. All borrowing pits shall, if required by the Engineer, be dressed to a good shape and properly drained. Where material to make embankments is taken from side ditches, a berm of at least three feet on each side, from the bottom of slope of embankment, shall remain untouched.

34. The side ditches shall be excavated with the declivities for carrying off the water, and with sides properly sloped, of not less than a foot and a half horizontal to one foot vertical of the depth. All stumps, roots and stones which would obstruct the free flow of the water must be removed therefrom.

35. Ditches leading from the various culverts will be excavated to the side ditches, to admit the water to freely pass from one side of the railway to the other.