



6200 - SPECIFICATION FOR CABLE GUARD RAIL

6200 - 1 DESCRIPTION

- 1.01 The work shall consist of cable guard rail, including anchors, erected at the locations and in conformity with the dimensions and other details shown on the plans or designated by the Engineer.
- 1.02 Cable guard rail will consist of one (1) or more wire cables.

6200 - 2 MATERIALS

- 2.01 Material for cable guard rail will be supplied and paid for by the Department.

6200 - 3 CONSTRUCTION

- 3.01 The Contractor shall repair or replace, at no direct expense to the Department, any cable guard rail material damaged by his operations.
- 3.02 If untreated posts are supplied, the Contractor shall treat the butt of each post with a wood preservative. The work shall be performed on an Extra Work basis.
- 3.03 The surface cross section of the road shall be completed before the guard rail posts are installed.
- 3.04 The post hole shall be of sufficient size to provide a clear distance of five centimetres (5 cm) around the post.
- 3.05 Posts shall be set plumb and shall conform to the alignment staked.
- 3.06 The spaces around the posts shall be backfilled with earth material, free of large stones. The backfill material shall be placed in layers not exceeding fifteen centimetres (15 cm) in depth and shall be firmly tamped. If required, water may be used to aid compaction.
- 3.07 Wire cable and fittings shall be attached to the posts as shown on the plans. The wire cable shall be fastened so that it will be free to move longitudinally. Bolts shall be tightened and exposed threads burred.
- 3.08 The excavation for the anchor log shall conform to the dimensions of the anchor log. The material between the anchor log and the end post shall not be disturbed any more than is necessary to install the anchor rod. The backfill material shall be placed in layers not exceeding fifteen centimetres (15 cm) in depth and shall be firmly tamped. If required, water may be used to aid compaction.
- 3.09 If painting is included on the tender form, the posts shall be coated with two (2) applications of paint as shown on the plans.

6200 - 4 MEASUREMENT

- 4.01 Cable Guard Rail will be measured in metres. Measurement will be made between centers of end posts parallel to the guard rail.
- 4.02 Each anchor will be measured as a unit.

6200 - 5 PAYMENT

- 5.01 Payment for CABLE GUARD RAIL will be at the contract unit price per metre. The unit price will be full compensation for unloading, storing, handling, and hauling materials; excavating holes; placing posts; placing, watering, and tamping the backfill material; attaching wire cables; and burring the bolts, If painting is included on the tender form, the unit price will be full compensation for painting the posts.
- 5.02 Payment for each ANCHOR will be at the contract unit price per anchor. The unit price will be full compensation for unloading, storing, handling, and hauling materials; excavating holes; placing anchor logs, rods, and hardware; and placing and tamping the backfill.