

1.1 CONSTRUCTION IN MUSKEG/SOFT AREAS

1.1.1 General

The Contractor shall note that discontinuous or scattered deposits of muskeg will be encountered throughout the length of the project. The test hole logs shown on the drawings may not clearly identify all the muskeg deposits because of the spacing of the holes drilled during the soils investigation. The following summary is given as a guide and the extent of the sections indicated are approximate only

Summary of Muskeg Locations	
From Station	To Station

Construction of the roadway embankment in muskeg/soft areas generally requires special construction measures. The details of these measures are described in subsection 2 following and are deemed applicable in conjunction with Specifications 2.1, Clearing and 2.3, Grading.

1.1.2 Special Construction Measures

1.1.2.1 Clearing

Where Clearing is required, the embankment area shall be cleared of trees by cutting them flush with the ground surface and leaving the roots intact in the ground in order to minimize the ground disturbance. The work shall be carried out as approved by the Consultant.

1.1.2.2 Embankment Construction

In order to avoid failure of the foundation material in soft/muskeg areas, light construction equipment driven at reasonably slow speeds is required. At any sign of failure such as cracks in the embankment or bulges in the foundation soil, construction must cease to allow assessment by the Consultant. If necessary, a reduced rate of construction or construction in stages will be ordered.

For staged construction, the maximum height of the embankment under stage 1 shall be limited to 2.5 m. Succeeding stages shall not be more than 1.5 m thick. A time interval of two weeks, or as directed by the Consultant, shall be allowed to elapse between the completion of one stage and the beginning of the other.

1.1.2.3 Muskeg Ditches

At those locations designated by the Consultant muskeg ditches shall be excavated. The invert levels, ditch diversions and disposal site for unusable material shall be as directed by the Consultant.

1.1.2.4 Repair Of Earth Slides

In the event of earth slides along any part of the embankment, prior to final acceptance of the work, the Contractor shall remove the slide material and/or repair the affected area as directed by the Consultant.

1.1.3 Payment

1.1.3.1 Clearing And Embankment Construction

Payment for clearing and embankment construction in muskeg/soft areas will be made as for normal embankment construction in accordance with Specifications 2.1, Clearing and 2.3, Grading. No additional payment will be made for any delays or additional work incurred as a result of any changes in the construction procedure or the implementation of staged construction.

1.1.3.2 Muskeg Ditches

Payment for muskeg ditches will be made at the contract unit price bid per cubic metre for "Channel Excavation" in accordance with Specification 2.3, Grading.

1.1.3.3 Repair Of Earth Slides

Payment for the repair of earth slides will be made at the unit prices bid for the applicable classes of work involved.