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**Part 1            General**

**1.1            RELATED REQUIREMENTS**

- .1        The list of work sections in this division is indicative and non-exhaustive. It does not exclude the works described in the other specification sections, shown in the drawings or necessary for the execution of the works in keeping with overall intent of the plans.
- .2        Section 31 24 13 - Roadway Embankments.

**1.2            REFERENCES**

- .1        U.S. Environmental Protection Agency (EPA)/Office of Water
  - .1        EPA 832R92005, Storm Water Management for Construction Activities : Developing Pollution Prevention Plans and Best Management Practices.

**Part 2           Products**

**2.1           NOT USED**

- .1        Not Used.

**Part 3           Execution**

**3.1           STRIPPING OF TOPSOIL**

- .1        Ensure that procedures are conducted in accordance with applicable provincial, territorial and municipal requirements.
- .2        Remove topsoil before construction procedures commence to avoid compaction of topsoil.
- .3        Handle topsoil only when it is dry and warm.
- .4        Remove vegetation from targeted areas by non-chemical means and dispose of stripped vegetation by alternative disposal.
- .5        Remove brush from targeted areas by non-chemical means and dispose of stripped vegetation by alternative disposal.
- .6        Strip topsoil by scraper to depths as indicated by Departmental Representative. Avoid mixing topsoil with subsoil.

- .7 Pile topsoil by mechanical hoe in berms in locations as directed by Departmental Representative.
  - .1 Stockpile height not to exceed 2.5 to 3 m.
- .8 Dispose of unused topsoil to location indicated by Departmental Representative.
- .9 Protect stockpiles from contamination and compaction.
- .10 Cover topsoil that has been piled for long term storage, with trefoil or grass to maintain agricultural potential of soil.

### **3.2 PREPARATION OF GRADE**

- .1 Check that all levels are in accordance with values indicated on the plans. Notify Departmental Representative if discrepancies occur and do not begin work until instructed by Departmental Representative.
  - .1 Grade area only when soil is dry to lessen soil compaction.
  - .2 Grade soil with scrapers establishing natural contours and eliminating uneven areas and low spots, ensuring positive drainage.

### **3.3 PLACING TOPSOIL**

- .1 Place topsoil only after Departmental Representative has accepted bedding or excavation base specified.
- .2 Spread topsoil during dry conditions by mechanical hoe in uniform layers not exceeding 150 mm, over unfrozen bedding free of standing water.
- .3 Establish traffic patterns for equipment to prevent driving on topsoil after it has been spread to avoid compaction.
- .4 Cultivate soil following spreading procedures.

### **3.4 CLEAN UP**

- .1 Clean in accordance with Section 01 74 11 - Cleaning.

Upon completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

**END OF SECTION**