

IV. CLEARING, GRUBBING, GRADING, AND SEEDING

4.01 CLEARING AND GRUBBING

The term "clearing and grubbing" includes the removal of all trees, brush, logs, and other perishable or undesirable materials from places where new construction is to occur.

The Industry shall be responsible for the clearing and grubbing of that portion of the Company's right-of-way affected by the new construction. All material removed from the Company's right-of-way, excepting that reserved by the Company, shall be disposed of by the Industry. The Industry shall be responsible for the identification and protection of overhead and underground utility easements, including fiber optic cable easements, within the Company's right-of-way.

Prior to commencement of clearing on the Company's right-of-way, the Company's Division Engineer's and Division Superintendent's office must be contacted in order to schedule the clearing operation so as not to interfere with normal train operation.

4.02 GRADING

The Industry shall construct or cause to be constructed all grading necessary for the installation of the track. This includes the grading required for that portion of the track on the Company's right-of-way. The Industry shall be responsible for the identification and protection of overhead and underground utility easements, including fiber optic cable easements, within the Company's right-of-way. Prior to commencement of grading work, the Industry must contact the Company's Division Engineer's and Division Superintendent's office to coordinate the grading so as not to interfere with normal train operations. The Industry shall be responsible for adhering to all local, state, and/or Federal permits such as erosion control, grading, storm water runoff/drainage, etc.

Fills and subgrades shall be compacted to minimum of 90 percent Modified Procter based on American Association of State Highway and Transportation Officials (AASHTO) Designation T-180, or 95 percent Standard Procter based on AASHTO Designation T-99.

Moisture content of soil should be controlled as necessary to obtain specified densities, based on the moisture-density relationship developed by AASHTO tests.

Slopes of all cuts shall be true and straight and all loose stones and boulders removed. Slopes of all fills shall be carefully formed and trimmed as they become compacted. Where a fill is placed on sloping ground or on the side of an existing fill, the surface shall be deeply plowed or stepped and the new material thoroughly mixed and embodied with the old material as the new fill is made and compacted.

The finished subgrade shall conform to such elevations as shown or otherwise noted on the plans, within a tolerance of ± 0.1 foot.

4.03 SEEDING

A seed and fertilizer mixture, adhering to local or state DOT specifications (or comparable), shall be applied so as to provide adequate slope protection. Creeping grasses shall not be used.