

## SECTION 02310 - GRADING

### PART 1 - GENERAL

#### 1.01 SUMMARY

- A. Bidding requirements, conditions of the contract and pertinent portions of sections in Division 1 of these specifications and MaineDOT Standard of Specifications (current version – as revised), Items 615 – Loam, 618 – Seeding, apply to the section as fully as though repeated herein.
- B. Section Includes:
  - 1. Final grade topsoil for finish landscaping.
- C. Related Sections:
  - 1. Excavation and Fill: Section 02315
  - 2. Embankment: Section 02330
  - 3. Subgrade and Roadbed: Section 02335
  - 4. Hot-Mix Asphalt Pavement: Section 02741

#### 1.02 QUALITY ASSURANCE

- A. Furnish each topsoil material from single source throughout the Work.
- B. Perform Work in accordance with MaineDOT Standards

### PART 2 - PRODUCTS

#### 2.01 MATERIAL

- A. Topsoil: As specified in Section 02330

### PART 3 - EXECUTION

#### 3.01 EXAMINATION

- A. Section 01300 - Administrative Requirements: Verification of existing conditions before starting work.
- B. Verify building and trench backfilling have been inspected.
- C. Verify substrate base has been contoured and compacted.

#### 3.02 PREPARATION

- A. Protect landscaping and other features remaining as final Work.
- B. Protect existing structures, fences, sidewalks, utilities, paving, and curbs.

3.03 SUBSTRATE PREPARATION

- A. Eliminate uneven areas and low spots.
- B. Remove debris, roots, branches, stones, in excess of 2 inch in size.
- C. Remove contaminated subsoil.
- D. Scarify surface to depth of 3 inches where topsoil is scheduled.
- E. Scarify in areas where equipment used for hauling and spreading topsoil has compacted subsoil.

3.04 PLACING TOPSOIL

- A. Place topsoil in areas where seeding, sodding and planting is required, to thickness as noted in the Drawings. Place topsoil during dry weather.
- B. Fine grade topsoil to eliminate rough or low areas. Maintain profiles and contour of subgrade.
- C. Remove roots, weeds, rocks, and foreign material while spreading.
- D. Manually spread topsoil close to plant material, building, walkways and paved areas to prevent damage.
- E. Track placed topsoil.
- F. Remove surplus subsoil and topsoil from site.
- G. Leave stockpile area and site clean and raked, ready to receive landscaping.

3.05 TOLERANCES

- A. Section 01400 - Quality Requirements: Tolerances.
- B. Top of Topsoil: Plus or minus ½”.

3.06 PROTECTION OF INSTALLED WORK

- A. Section 01700 - Execution Requirements: Requirements for protecting finished Work.
- B. Prohibit construction traffic over topsoil.

END OF SECTION 02310