

Black text – from standard FAA spec

Blue text – additions to FAA standard spec

~~Strikeout text~~ – deletions from FAA standard spec

Red text – notes to the Engineer/won't appear in spec

**I. DESCRIPTION**

**A. GENERAL**

1. This section applies only to areas specifically identified on plans for Clearing and Grubbing.
2. Stripping of sod from top two inches of other excavation areas shall be measured and paid as Unclassified Excavation under Section [ ], Earthwork.
3. In conformance with the plans and specifications.

**B. CLEARING AND GRUBBING, INCLUDES:**

1. Clearing ground surface of:
  - a) trees, stumps, down timber, logs, snags, brush, undergrowth, hedges, heavy growth of grass or weeds, fences, structures, debris, and rubbish
  - b) any natural material unsuitable for foundation of construction
2. Grubbing of
  - a) stumps, roots, matted roots, foundations
3. Legal disposal off the airport

**II. CONSTRUCTION METHODS**

**A. GENERAL**

1. Area to be staked ~~by the Engineer~~ by the Contractor, and approved by the Engineer.
2. Spoil materials
  - a) Shall be removed from the airport and disposed of legally.
  - b) Burning prohibited.
  - c) Broken concrete or masonry may be incorporated into fills if conforming to the requirements of Section [ ] Earthwork.
  - d) May be temporarily stockpiled only where approved by the Engineer.
3. Blasting not allowed.

~~B. CLEARING~~

**C. CLEARING AND GRUBBING**

1. Remove stumps, roots, buried logs, brush, grass, and other unsatisfactory materials except where
  - a) Area will be
    - (1) outside paved areas
    - (2) more than 3-1/2 feet below top of finished subgrade:
      - (a) sound trees, stumps, brush can remain within 6 inches of remaining ground surface
2. Tap roots greater than 1-1/2 inch diameter:
  - a) Grub to depth of 18 inches below finished subgrade
3. Remove buildings and miscellaneous structures in conformance with Section [ ], Removals.
4. Holes remaining:
  - a) Break down vertical sides
  - b) Fill and compact with select material in accordance with Section [ ], Earthwork.

**III. SUBMITTAL REQUIREMENTS**

- A.** Proof of intended legal disposal site.

**IV. METHOD OF MEASUREMENT**

**A. CLEARING AND GRUBBING**

1. per acre
2. measured to nearest 1/10 acre.

**V. BASIS OF PAYMENT**

- A. PAID AT CONTRACT UNIT PRICE UNDER ITEM NUMBER
  - 1. 22.1 Clearing and Grubbing - per acre
  - 2. Is full compensation for all materials, labor, equipment, tools and incidentals.
  - 3. No separate payment for work in areas of night or limited-time construction area.

**VI. TESTING REQUIREMENTS**

- A. ASTM D 698 MOISTURE-DENSITY RELATIONS OF SOILS AND SOIL-AGGREGATE MIXTURES USING 5.5 LB (2.49 KG) RAMMER AND 12-IN. (305 MM) DROP
- B. ASTM D 1556 DENSITY OF SOIL IN PLACE BY THE SAND-CONE METHOD
- C. ASTM D 2922 DENSITY OF SOIL IN PLACE BY THE NUCLEAR DENSITY METHOD
- D. AASHTO T 26 QUALITY OF WATER TO BE USED IN CONCRETE

**VII. MATERIAL REQUIREMENTS**

- A. ASTM C 977 QUICKLIME AND HYDRATED LIME FOR SOIL STABILIZATION

**VIII. END OF SECTION**