

CONSTRUCTION SPECIFICATION

412. GRASSED WATERWAY

1. SCOPE

The work shall consist of the construction of the Grassed Waterways at locations and grades shown on the drawings, or as stated in Section 5 of the specification.

2. MATERIALS

a. The earth material used in constructing the grassed waterway shall be obtained from the grassed waterway area or other approved sources.

b. Other required materials shall be as shown in the drawings or in Section 5 of this specification.

3. FOUNDATION PREPARATION

All trees, stumps, brush and similar material are to be removed from the site and disposed of in a manner consistent with environmental concerns and proper functioning of the grassed waterway. The area shall be stripped of vegetation, topsoil, and unsuitable material. Topsoil shall be stockpiled and spread uniformly over the finished waterway, unless stated otherwise in Section 5 of this Specification.

4. INSTALLATION

Fill shall contain no frozen materials, rocks greater than 6-inches in diameter, roots or wood greater than 2-inches in diameter or 4-inches in length, sod, brush, or other objectionable material.

The earth fill shall be compacted by routing the hauling and spreading equipment over the fill in such a manner that the entire surface of the fill will be traversed by not less than one tract tread of the loaded equipment.

However, the compaction shall not be excessive so as to deter a suitable seedbed.

The completed grassed waterway shall conform to the cross section shown on the drawings.

When an excess of earth material results from cutting the grassed waterway to the required cross section and grade, it shall be spread adjacent to the grassed waterway without blocking surface runoff from reaching the waterway, or in another designated area where fill is needed.

Watershed runoff shall be diverted away from the waterway until vegetation is established, as shown in the drawings, or in Section 5 of this Specification. Any protective works shall then be removed, and the disturbed areas shall be seeded to permanent grass.

5. ADDITIONAL CONDITIONS WHICH APPLY TO THIS PROJECT ARE: